



## The Day the World Discovered the Sun: An Extraordinary Story of Scientific Adventure and the Race to Track the Transit of Venus

By Mark Anderson

Audible Studios on Brilliance, United States, 2016. CD-Audio. Book Condition: New. Unabridged. 171 x 133 mm. Language: English . Brand New. On June 3, 1769, the planet Venus briefly passed across the face of the sun in a cosmic alignment that occurs twice per century. Anticipation of the rare celestial event sparked a worldwide competition among aspiring global superpowers, each sending their own scientific expeditions to far-flung destinations to time the planet's trek. These pioneers used the Venus Transit to discover the physical dimensions of the solar system and refine the methods of discovering longitude at sea. In this fast-paced narrative, Mark Anderson reveals the stories of three Venus Transit voyages to the heart of the Arctic, the New World, and the Pacific that risked every mortal peril of a candlelit age. With time running out, each expedition struggles to reach its destination a quest that races to an unforgettable climax on a momentous summer day when the universe suddenly became much larger than anyone had dared to imagine. The Day the World Discovered the Sun tells an epic story of the enduring human desire to understand our place in the universe.



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### Reviews

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-- **Dr. Odie Hamill**

An extraordinary story of 18TH-CENTURY scientific adventure and the global race to track the transit of venus. by Mark Anderson  
RELEASE DATE: June 5, 2012. A scientific adventure tale in which astronomers risk their lives, traveling the high seas in winter, trekking over ice-bound Siberia and facing deadly diseases. In both years, Venus was observed and timed as it appeared to traverse the sun, using trigonometric calculations to triangulate the distance. Anderson writes that this was a marriage of advanced science and technology with extreme adventure, resulting in spinoffs such as the development of precision timekeepers and the reliable calculations of longitude. astronomers racing to find the distance to the sun and discovering the key to worldwide navigation On June 3, 1769, the planet Venus briefly passed across the face of the sun in a cosmic alignment that occurs at most twice per century. Anticipation of the rare celestial event sparked a worldwide competition among aspiring global superpowers, each sending their own scientific expeditions to far-flung destinations to observe the planet's trek. 0306820380-Anderson\_Layout 1 3/6/12 3:25 PM Page iii. An Extraordinary Story of Scientific Adventure and the Race to Track the Transit of Venus. Mark Anderson. Da capo press A Member of the Perseus Books Group. The Day the World Discovered the Sun: An Extraordinary Story of Scientific Adventure and the Race to Track the Transit of Venus (Audiobook) by Mark Anderson English | August 31, 2012 | ASIN: B0094BDSWS, ISBN: 1522605320 | [email protected] kbps | 7h 34m | 206 MB. English | August 31, 2012 | ASIN: B0094BDSWS, ISBN: 1522605320 | [email protected] kbps | 7h 34m | 206 MB Narrator: Robert Blumenfeld On June 3, 1769, the planet Venus briefly passed across the face of the sun in a cosmic alignment that occurs twice per century. Anticipation of the rare celestial event sparked a worldwide competition The Day the World Discovered the Sun: An Extraordinary Story of Scientific Adventure and the Race to Track the Transit of Venus has just been published by Da Capo. Also see Paul Raeburn's explanation of what investigating Venus can teach us about our own planet. The 2004 Venus transit at sunrise. On Tuesday afternoon---for those in North, Central and parts of South America---the planet Venus will pass directly in front of the sun. for seven hours. This rare spectacle, called the Venus transit, occurs twice within a decade, then not again for more than a century. An Extraordinary Story of Scientific Adventure and the Race to Track the Transit of Venus. Mark. Anderson. Da capo press. A Member of the Perseus Books Group. Copyright © 2012 by Mark Kendall Anderson. All rights reserved. For reasons that were scientific and geopolitical---if not also theological---Venus transit expeditions had become paramount. Even if they meant traveling to a remote and frigid location like Siberia. Although Russian scientists were already preparing their own expeditions to observe the Venus transit, the French Academy of Sciences had secured Chappe an invitation to make his own competing measurements of the celestial event at Tobolsk.