



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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The Day the World Discovered the Sun: An Extraordinary Story of Scientific Adventure and the Race to Track the Transit of Venus
Audible Audiobook " Unabridged. Mark Anderson (Author), Robert Blumenfeld (Narrator), Audible Studios (Publisher) & 0 more.Â

This book on the hair-raising scientific expeditions of the 1760s is a rich and rewarding adventure from start to finish. It's exciting history that was galvanized by some of the most important scientific and political imperatives of the 18th and early 19th centuries: finding life-savingly accurate means of longitudinal maritime navigation; exploring the mysterious South Pacific and beyond; and determining the precise distance from the earth to the Sun, the most critical and fundamental astronomical unit of measure. He describes the 18th century scientific race to track the transit of Venus. On June 3, 1769, that planet briefly passed across the face of the sun in a cosmic alignment that occurs twice per century. 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 struggled to be in place on that momentous summer day when the universe suddenly became larger than anyone dared to imagine. (FYI: The next transit of Venus occurs June 5 or 6, 2012, dep 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 moy twice per century. Anticipation of the rare celestial event sparked a worldwide competition among aspiring global superpowers, each sending their own. disc. scientific expeditions to far-flung destinations to time. over the planet's trek.Â 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.Â Mark Anderson, "The Day the World Discovered the Sun: An Extraordinary Story of Scientific Adventure and the Race to Track the Transit of Venus" English | 2012-05-01 | ISBN: 0306820382 | 304 pages | EPUB + MOBI | 4 mb + 2 mb. On June 3, 1769, the planet Venus briefly passed across the face of the sun in a cosmic alignment that occurs twice per century.Â 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. 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 Â© 2012 by Mark Kendall Anderson. All rights reserved.Â 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.