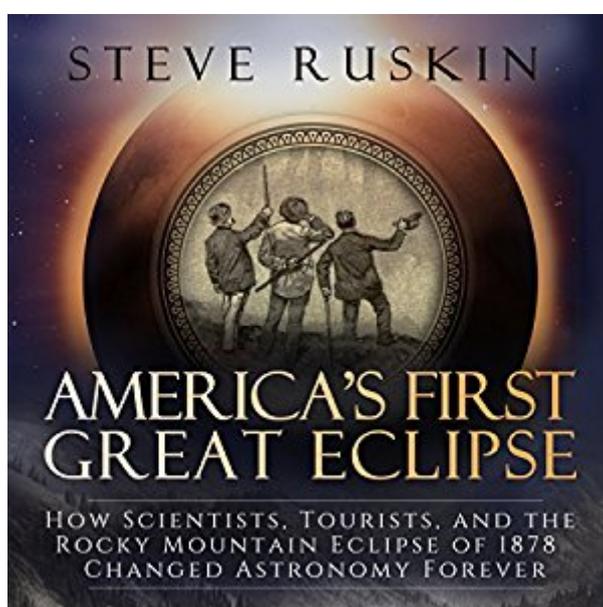


The book was found

America's First Great Eclipse: How Scientists, Tourists, And The Rocky Mountain Eclipse Of 1878 Changed Astronomy Forever



Synopsis

America's First Great Eclipse takes listeners on a thrilling historical journey, revealing that 19th-century Americans were just as excited about a total solar eclipse as we are today...and, like us, were willing to travel thousands of miles to see it. The upcoming total solar eclipse on August 21, 2017, is being called the Great American Eclipse. But it is not the first eclipse to deserve that title. In the summer of 1878, when the American West was still wild, hundreds of astronomers and thousands of tourists traveled by train to Wyoming, Colorado, and Texas to witness America's first "Great Eclipse". America's First Great Eclipse tells the story of a country, and its scientists, on the brink of a new era. Near the end of the 19th century, when the United States was barely a hundred years old, American astronomers were taking the lead in a science that Europeans had dominated for centuries. Scientists like Samuel Langley, Henry Draper, Maria Mitchell, and even the inventor Thomas Edison were putting America at the forefront of what was being called the "new astronomy". On July 29, 1878, having braved treacherous storms, debilitating altitude sickness, and the threat of Indian attacks, they joined thousands of east-coast tourists and Western pioneers as they spread out across the Great Plains and climbed to the top of 14,000-foot Pikes Peak, all to glimpse one of nature's grandest spectacles: a total solar eclipse. It was the first time in history so many astronomers observed together from higher elevations. The Rocky Mountain eclipse of 1878 was not only a turning point in American science, but it was also the beginning of high-altitude astronomy, without which our current understanding of the universe would be impossible.

Book Information

Audible Audio Edition

Listening Length: 2 hours and 53 minutes

Program Type: Audiobook

Version: Unabridged

Publisher: Alpine Alchemy Press

Audible.com Release Date: July 7, 2017

Language: English

ASIN: B073P9VVF8

Best Sellers Rank: #34 in Books > Audible Audiobooks > Science > Astronomy #830

in Books > Science & Math > Astronomy & Space Science > Astronomy #1971 in Books > Science & Math > History & Philosophy

Customer Reviews

America's First Great Eclipse is the perfect guide to the 1878 eclipse giving the reader a picture of the types of people who came west to Colorado and Wyoming which were located on the path which expected to see the full eclipse. The scientists and recreational viewers were also hoping the increased altitude would provide them with the ability to get better observational results. This is a great primer for more experienced eclipse viewers, but not so much science that the average reader will get discouraged. It's a great, quick read.

There are so many pop quasi-scientific tomes out there, it was refreshing to read about an amazing time in the scientific world where so many were awe struck just as some of us are now. We look on Sagan and Degraesse and Kaku as current science populizers, not realizing how many came before and how hungry (maybe even more than we are) we have always been. We believe we are much more interested in science than our ancestors, yet, Ruskin lets us see a world with more change, advancement and color than the one we populate. It's refreshing to think we can look on a spectacle with the same wonder and appreciation they did. This book can reach beyond the current event and teach us that we are all connected in that long line of discovery, education and tale-telling and that maybe, we're not so different after all.

Full Disclosure: I am an author and I know Steve Ruskin. I purchased and read this book on my own accord. This is a great history lesson! Not only is there great stuff in here about how astronomy changed and grew with the observation of this eclipse, but there are a lot of insights into the history of the time and the American Mid-West. I highly recommend this for anyone interested in either!

Ruskin invites you into the anticipation of watching the 1878 solar eclipse over the rocky mountains, which gained the world's attention. I enjoyed being taken back to the non-social media era, (because it's so easy to "witness" something like this now) and was drawn into all that was at stake to experience something so grand. The planning, the coordination involved to document and witness such a rare sighting is all dependent on a climate that can never be controlled. An educational and interesting read.

"America's First Great Eclipse" captures the excitement of the 1878 eclipse and vividly portrays this time in America's history. The author does an excellent job of capturing the spirit and mood of those who were able to experience this phenomenon. I could not put "America's First Great Eclipse" down. After reading this book, I am even more excited to experience this summer's eclipse.

This book was very impressive in its historical research of the "first great eclipse." I enjoyed reading cover to cover, and because of this book I'll make the trek to see the solar eclipse on August 21st.

This is very accessible and a good primer on what it is to look forward to the 2017 Solar Eclipse we've been planning for two years.

Fantastic book on how astronomers tackled high altitude astronomy.

[Download to continue reading...](#)

America's First Great Eclipse: How Scientists, Tourists, and the Rocky Mountain Eclipse of 1878 Changed Astronomy Forever Jayne Ann Krentz - Eclipse Bay Trilogy: Eclipse Bay, Dawn in Eclipse Bay, Summer in Eclipse Bay (Eclipse Bay Series) Astronomy: Astronomy For Beginners: Discover The Amazing Truth About New Galaxies, Worm Holes, Black Holes And The Latest Discoveries In Astronomy (Astronomy For Beginners, Astronomy 101) Not for Tourists 2010 Guide to New York City (Not for Tourists Guidebook) (Not for Tourists Guidebooks) Not for Tourists Guide to 2010 Chicago (Not for Tourists Guidebook) (Not for Tourists Guidebooks) How to Photograph the Solar Eclipse: An EASY Guide to Capturing the 2017 Total Eclipse of the Sun: An astrophotography beginner's guide to capturing solar eclipse What Happens During An Eclipse? Astronomy Book Best Sellers | Children's Astronomy Books Trout Culture: How Fly Fishing Forever Changed the Rocky Mountain West (Emil and Kathleen Sick Book Series in Western History and Biography) Rocky Mountain Tour: Estes Park, Rocky Mountain National Park, and Grand Lake, Colorado (Schiffer Books) Rocky Mountain Mammals: A handbook of mammals of Rocky Mountain National Park and vicinity Rocky Mountain Mammals: A Handbook of Mammals of Rocky Mountain National Park and Vicinity, Third Edition Rocky Mountain Splendor: A Mile by Mile Guide for Roads in Rocky Mountain National Park Astronomy: Astronomy for Beginners: Discover the Amazing Truth about New Galaxies, Worm Holes, Black Holes and the Latest Discoveries in Astronomy A to Z of Scientists in Space and Astronomy (Notable Scientists) Solar Eclipse 2017: The Complete Kids' Guide and Activity Book for the Great American Solar Eclipse Solar Eclipse Road Trip: The Complete Kids' Guide and Activity Book for the Great American Solar Eclipse of 2017 The Great South American Eclipse Travel Guide for July 2, 2019: How to watch the Total Solar Eclipse in Chile, Argentina or the South Pacific in 2019 (WhenIsTheNextEclipse.com) Tourists' and Non-Tourists' Guide to New York City Bathrooms: Over 80 Bathrooms in Manhattan, Brooklyn, and Queens This Wild Spirit: Women in the Rocky Mountains of Canada (Mountain Cairns: A series on the history and culture of

the Canadian Rocky Mountains) Moving to Dallas: A Guide for Non-Tourists (Guides for Non-Tourists) (Volume 4)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)