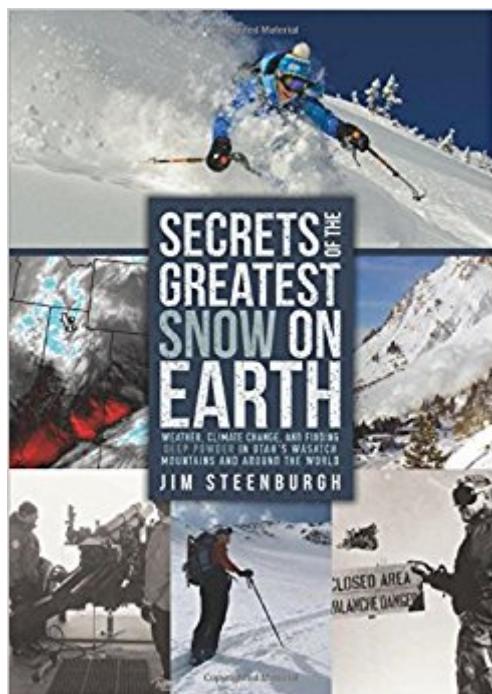


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Secrets Of The Greatest Snow On Earth: Weather, Climate Change, And Finding Deep Powder In Utah's Wasatch Mountains And Around The World



Synopsis

Utah has long claimed to have the greatest snow on Earth; the state itself has even trademarked the phrase. In *Secrets of the Greatest Snow on Earth*, Jim Steenburgh investigates Wasatch weather, exposing the myths, explaining the reality, and revealing how and why Utah's powder lives up to its reputation. Steenburgh also examines ski and snowboard regions beyond Utah, making this book a meteorological guide to mountain weather and snow climates around the world. Chapters explore mountain weather, avalanches and snow safety, historical accounts of weather events and snow conditions, and the basics of climate and weather forecasting. Steenburgh explains what creates the best snow for skiing and snowboarding in accurate and accessible language and illustrates his points with 150 color photographs, making *Secrets of the Greatest Snow on Earth* a helpful tool for planning vacations and staying safe during mountain adventures. Snowriders, weather enthusiasts, meteorologists, students of snow science, and anyone who dreams of deep powder and bluebird skies will want to get their gloves on *Secrets of the Greatest Snow on Earth*. Watch Book Trailer! (Special thanks to Ski Utah)

Book Information

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Customer Reviews

"*Secrets of the Greatest Snow on Earth* covers all of the essential topics for Utah powder lovers of every stripe. Jim Steenburgh's dual passion for powder skiing and the science behind the weather that produces Utah's legendary snowfall make him the ultimate authority on 'The Greatest Snow on Earth';" •Nathan Rafferty, President, Ski Utah "I have eagerly

awaited the publication of Jim Steenburgh's book. Jim is one of those popular and charismatic professors with the rare gift of being able to explain complex science in layman's terms while also infecting his audience with his boundless enthusiasm and energy . . . Many of my conversations with him, lectures I've attended, and questions I've asked him are combined into one easy-to-understand book for the general public." •Bruce Tremper, Utah Avalanche Center "An entertaining, expert discussion on the science behind snow and skiing. A great read for snow lovers and ski enthusiasts alike." •Thomas Niziol, Winter Weather Expert at The Weather Channel "Steenburg shares a career's worth of knowledge in this book. His love of both snow science and skiing are obvious, and he adds humor and personality to the scientific discussion." •Amy Zaref, First Tracks!! Online Skiing Magazine "Secrets of the Greatest Snow on Earth" will prove to be the primer for debates and inquiries about why Wasatch snow is so great." •Onno Wieringa, General Manager, Alta Ski Area "Everything you always wanted to know about how snow forms, and how to follow forecasts so you see how much and where, is in the book. It's a must have for any fan of snow, sure to get you excited about winter, and give you an understanding of Utah snow, and a bevy of conversation topics for the chairlift ride." •Paul Oelerich, Utah Adventure Journal Both Steenburgh's scholarly expertise and his experience as an avid skier help make his book about weather a page-turner." •Boanerges Lewis, Deseret News "When it comes to snow, the details--both small- and large-scale--do matter. If we all observed our surroundings with as much curiosity and enthusiasm as Steenburgh, the world could be a much better-tended place." •Sandra J. Ackerman, American Scientist "For backcountry enthusiasts that find themselves infatuated with weather patterns, snow water equivalents, micro-climates and Utah, this book is a dream come true." •Amos Horn, The Backcountry Skiing Blog

Jim Steenburgh is professor of atmospheric science at the University of Utah. An avid backcountry and resort skier and creator of the popular blog Wasatch Weather Weenies, he is a leading authority on mountain weather and snowstorms and led the award-winning numerical weather prediction team for the 2002 Olympic Winter Games. His research on snow, winter storms, and forecasting has been featured by The Weather Channel, New York Times, USA Today, and Salt Lake Tribune.

Wasatch and other snow climates are covered (maritime, continental, transition, none), including the Sierra Nevada, Andes of South America and New Zealand. Steenburg discusses the science of

snow, increased snowfall adjacent to large bodies of water (Great Lakes, Great Salt Lake, Sea of Japan); development, use and evolution of artillery, predicting low water content snow (powder), snow climates and the impact of climate change. Doppler Radar is covered. Page 47 features an excellent "atmosphere river" map. This is a solid primer for those who want to understand snow and avalanche potential, as well as historic photographs of avalanche pioneers Monty Atwater and Ed LaChapelle. The author uses inch-pound measuring units, not the more universal SI (metric) units which calls for a revision. SI is the legal and preferred system of measurement for all trade and commerce. "Beyond the Ropes" (final chapter) is a good discussion of skiing out of bounds (away from patrolled downhill ski areas) such as sidecountry and slackcountry. Many photographs and tables are shown including the "North American Public Avalanche Danger Scale" and visible infrared and water vapor satellite imagery. This is a solid basis for the "Greatest Snow" on Earth. There is an excellent glossary of current snow jargon, including "Cascade Concrete," "Sierra Cement," "Seeder" and "Feeder" clouds, blocked and unblocked orographic precipitation and various regional terms. Good topographic representations help illustrate snow in the Wasatch Mountains, Sierra Nevada, Andes, European Alps and Japan. Every skier should read this book.

If you like skiing, or snow, or Utah, pick up this fascinating book. Climatologist Jim Steenburgh knows his weather science and LOVES skiing in Utah. An easy read with great illustrations, Secrets of the Greatest Snow on Earth is a surprising treasure.

Very informative, insightful and well-researched. Particularly interested in the segment about the origin of The Greatest Snow on Earth phase...because I was there! Good job, Jim, on all fronts.

loved this book. read it while skiing at Alta, Snowbird, and Canyons. I was loaded with snow trivia to share for the week!

This is a very interesting book about the mountains and how the global warming is affecting them.

Tons of valuable snow information

Excellent book!!!

Good book!

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