# Weather, Climate Change, and Finding Deep Powder in Utah's Wasatch Mountains

The Wasatch Mountains of Utah are known for their deep powder snow, making them a popular destination for skiers and snowboarders. However, climate change is threatening the snowpack in the Wasatch, as it is in other mountain ranges around the world. This article discusses the impacts of climate change on the Wasatch snowpack and offers tips for finding deep powder in the mountains despite the changing climate.



Secrets of the Greatest Snow on Earth: Weather,
Climate Change, and Finding Deep Powder in Utah's
Wasatch Mountains and around the World by Jim Steenburgh

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#### **Climate Change and the Wasatch Snowpack**

Climate change is causing the average global temperature to rise, which is leading to a number of changes in the Earth's climate system. One of the most significant changes is the melting of glaciers and snowpack. In the Wasatch Mountains, the snowpack has been declining in recent decades, and this trend is expected to continue in the future.

There are a number of factors that are contributing to the decline in the Wasatch snowpack. One factor is the rising temperatures. As the average temperature rises, the snowpack melts earlier in the spring and summer. Another factor is the changing precipitation patterns. Climate change is causing more precipitation to fall as rain instead of snow, which further reduces the snowpack.

The decline in the Wasatch snowpack has a number of negative consequences. For one, it reduces the amount of water available for drinking, irrigation, and hydropower. It also makes it more difficult for skiers and snowboarders to find deep powder. In addition, the melting snowpack can cause flooding and other natural disasters.

#### **Tips for Finding Deep Powder in the Wasatch Mountains**

Despite the challenges posed by climate change, it is still possible to find deep powder in the Wasatch Mountains. Here are a few tips:

- **Ski or snowboard in the early season.** The snowpack is typically deeper in the early season, before the temperatures have had a chance to warm up.
- Ski or snowboard in the backcountry. The backcountry is less crowded than the resorts, and there is often more snow available.
- Look for areas that are sheltered from the wind. The wind can scour the snowpack, leaving behind bare patches.
- Be willing to hike or climb to find deep powder. The best powder is often found in areas that are not easily accessible.

Climate change is a serious threat to the Wasatch snowpack. However, by following the tips in this article, you can still find deep powder in the Wasatch Mountains and enjoy the winter season.



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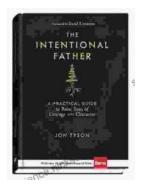
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