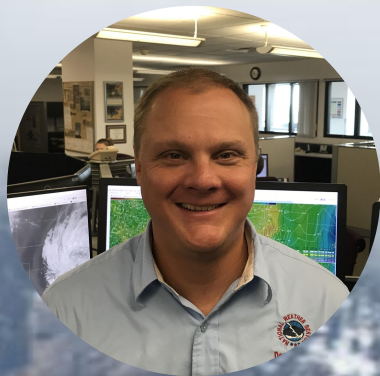




# *Downslope Winds Along the Colorado Front Range*



## **Paul Schlatter**

*Science and Operations  
Officer,  
NWS Boulder office*



## **Thursday, February 20, 2020**

6 PM – Arrive, light refreshments  
6:30-7:15 PM – Presentation  
7:15-7:30 PM – Q&A



## **Boulder Public Library**

Boulder Creek Room  
1001 Arapahoe Ave.  
Boulder, CO 80302

## ***Downslope Winds Along the Colorado Front Range***

***Paul Schlatter***

If you've lived along the Colorado Front Range, especially west of I-25 for a year or longer, you have experienced wind gusts near 70 mph or stronger via downslope wind processes. If you've ever wondered why they occur, why they are so intense, and how to predict them, this talk is for you!

This talk will explain the different kinds of downslope wind storms across the Front Range and adjacent plains of eastern Colorado. It will highlight formation mechanisms and discuss the role of the unique terrain in the development and intensification of the downslope wind. Finally, the speaker will show the techniques operational forecasters at NWS Boulder use to identify when and where the strongest winds will occur.

### **American Meteorological Society Chapter Membership:**

Regular annual membership dues are \$20; the student rate is \$10 per year. The chapter uses this income to perform educational and outreach activities including announcements, funding awards at science fairs, and covering the cost of refreshments at monthly chapter meetings. You may pay dues to any of the officers at a meeting.

You can join DBAMS either by attending one of the chapter meetings or emailing us at [amsdenbou@gmail.com](mailto:amsdenbou@gmail.com). Membership is not required to attend the monthly chapter meetings. Please feel free to bring family, friends, and neighbors.

Your support of the DBAMS is greatly appreciated, and we look forward to seeing you at our meetings!

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Email us: [amsdenbou@gmail.com](mailto:amsdenbou@gmail.com)