UNIVERSITY of HAWAI'I MĀNOA

Department of Atmospheric Sciences Seminar Announcement

Department of Atmospheric Sciences, S.O.E.S.T., University of Hawai'i at Mānoa
2525 Correa Road, HIG 350; Honolulu, HI 96822 ☎956-8775

SCHOOL OF OCEAN AND EARTH SCIENCE AND TECHNOLOGY

Convergence v. Orographic Lift: A WRF-ARW analysis of OWLeS' IOP2b

Mr. David Bubbins
Atmospheric Sciences M.S. Candidate
Department of Atmospheric Sciences
University of Hawai'i at Mānoa

Date: **Wednesday, November 9, 2016**
Refreshments: **3:00pm at MSB courtyard**
Free Cookies, Coffee & Tea Provided
(Please Bring Your Own Cup)
Seminar Time: **3:30pm**
Location: **Marine Sciences Building, MSB 100**

Abstract:

The Tug Hill's effect on Lake Effect Snow in Western New York State, which causes some of the highest snowfall totals in the world, is common knowledge for those who study New York Weather. However a paper was recently surfaced, which put doubts on that theory, pointing to the effect of frictional convergence. Using the WRF-ARW, an Intense Observational Period from the Ontario Winter Lake-effect Systems Field Project is modeled and analyzed to see what would happen if the Tug Hill disappeared in order to verify those doubts, and to see if the Tug Hill has an effect on the reported snowfall totals.