

## Atmospheric Sciences 5700

### Exercise #1.5

This exercise is about lake effect snow and the effect of downstream topography.

1. Watch Tom Gowan's Ph.D. defense presentation, which is available on Canvas in the Media Gallery. The last part, which is on machine learning, is optional.
2. Summarize his findings on lake effect snow and the effect of downstream topography. Be specific: He investigated the impacts for along-lake bands and for cellular convection, and for each of those convection regimes, looked at the impacts of various forms of downstream topography.