

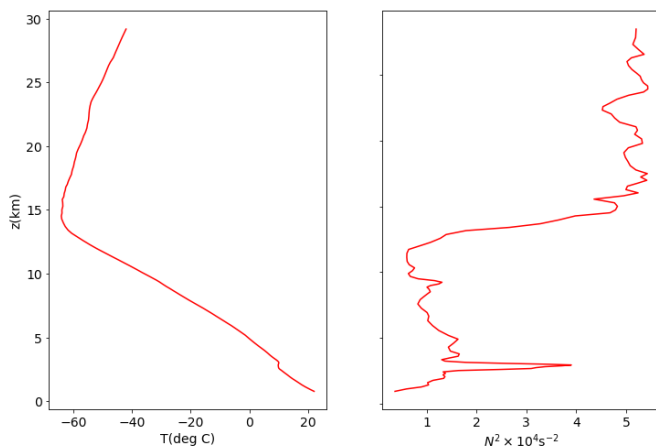
# PHY492/PHY1498 Advanced Undergraduate/Introductory Graduate Atmospheric Physics

**Instructor:** Prof. Paul Kushner, Department of Physics, University of Toronto

## Schedule/logistics:

- Synchronous lectures: Tuesday 3-4 and Thursday 12-1. Starting Tuesday, September 15, 2020.
- Tutorial: Tuesday 4-5
- Location: McLennan Physics (MP) 134.
- Material will include prerecorded videos to view before class.
- Synchronous lectures and tutorials will be recorded for asynchronous viewing.

Temperature and Static Stability for Buffalo, NY Radiosonde, 2019-07-04 00Z



Most students of Physics have neither heard of *Atmospheric Physics* nor been encouraged to be curious about the Physics of Earth's atmosphere – the gaseous environment in which we live and breathe.

Remedy this situation! Spend 12 weeks studying the principles of Atmospheric Physics here at the University of Toronto, one of the world's premiere locales for Atmospheric Physics research. All you need is a solid background in physical sciences and a willingness to learn.

We will seek an understanding of the terrestrial atmosphere's structure, circulation and dynamics, starting from physical first principles.

The course will involve analytic and computational exercises, some observational data analysis, and reviews of papers in the Atmospheric Physics literature.

