

A Unidata Software Training Workshop

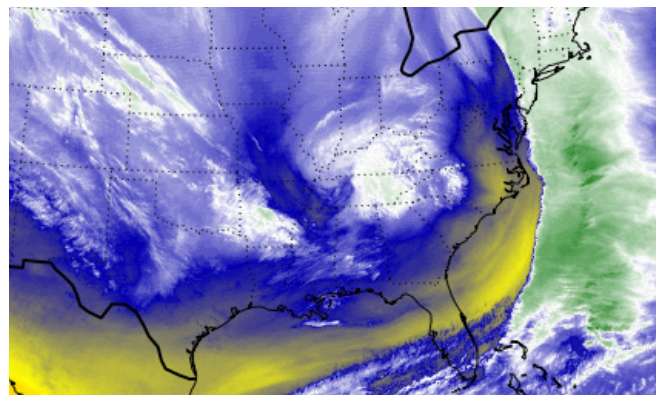
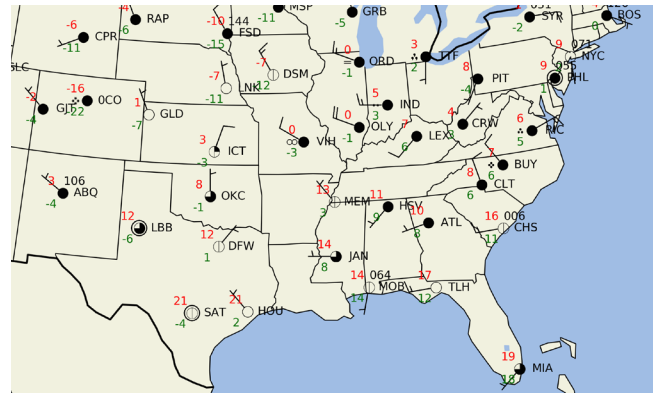
Unidata software developers will be leading a two-day Python-focused workshop at Valparaiso University covering the use of the MetPy and Siphon packages in the context of atmospheric science. A basic familiarity with Python is assumed — check out the Unidata Online Python Training (<http://bit.ly/uni-opt>) for a refresher. An optional “hack day” will be held on Saturday, March 16.

The cost for students, faculty, and staff is \$25. (\$50 for those not affiliated with an educational institution.) Bring your laptop, or contact Dr. Goebbert if you need to use a lab computer.

MetPy / Siphon Topics

- Getting Python packages w/Conda
- Jupyter notebook introduction
- Introduction to Numpy
- Introduction to Xarray
- Introduction to Matplotlib
- Introduction to MetPy
- Introduction to Siphon
- Pythonic Data Analysis
- Making maps with Cartopy
- Working with satellite data
- Working with Model data
- Time-series analysis of Buoy Data

For a detailed schedule with links to the Jupyter notebooks that will be used in the workshop, see <http://bit.ly/2019valpo>



To Register

<http://bit.ly/2019valpo-reg>

Workshop Time/Place

8:30am - 4:30pm
March 14-15, 2019
Kallay-Christopher Hall Room 210
Valparaiso University

Questions?

Contact Dr. Kevin Goebbert
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