

Where to go for weather data and forecasts?

ONLINE RESOURCES

Ready made forecasts

National Weather Service
<http://www.weather.gov/>



News Headlines

- SKYWARN™ Spotter Training Sessions - Spring 2016
- Spring 2016 StormBuster Magazine

View Location Examples

Your local forecast office is
Albany, NY

Hazardous Weather Conditions

- [Hazardous Weather Outlook](#)

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Current conditions at

Albany International Airport (KALB)

Lat: 42.66°N Lon: -73.81°W Elev: 285ft



Light Rain
62°F
 17°C

Humidity 73%
 Wind Speed W 14 G 26 mph
 Barometer 29.44 in (996.8 mb)
 Dewpoint 53°F (12°C)
 Visibility 9.00 mi
 Last update 1 Apr 2:51 pm EDT

More Information:
[Local Forecast Office](#)
[More Local Wx](#)
[3 Day History](#)
[Mobile Weather](#)
[Hourly Weather Forecast](#)

Extended Forecast for Albany NY

This Afternoon	Tonight	Saturday	Saturday Night	Sunday	Sunday Night	Monday	Monday Night	Tuesday
Showers Likely	Scattered Showers then Mostly Cloudy	Chance Showers	Chance Showers then Rain/Snow Likely	Breezy. Snow Likely then Chance Snow Showers	Chance Snow	Rain/Snow Likely	Chance Snow Showers	Mostly Sunny
High: 73 °F	Low: 43 °F	High: 53 °F	Low: 29 °F	High: 33 °F	Low: 25 °F	High: 40 °F	Low: 23 °F	High: 34 °F

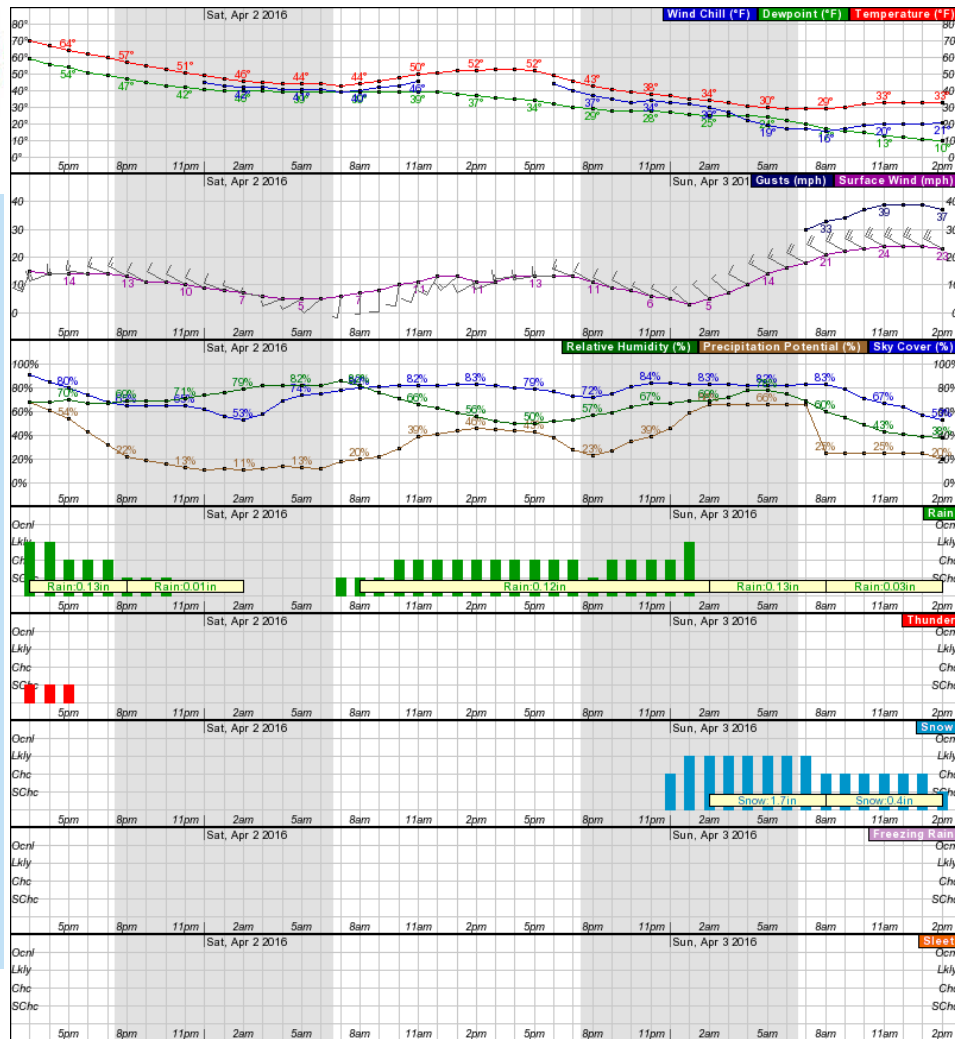
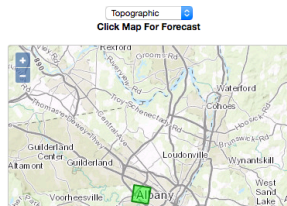
Detailed Forecast

This Afternoon Showers likely and possibly a thunderstorm before 5pm, then scattered showers and thunderstorms after 5pm. Mostly cloudy, with a high near 73. South wind around 15 mph. Chance of precipitation is 70%. New rainfall amounts of less than a tenth of an inch, except higher amounts possible in thunderstorms.

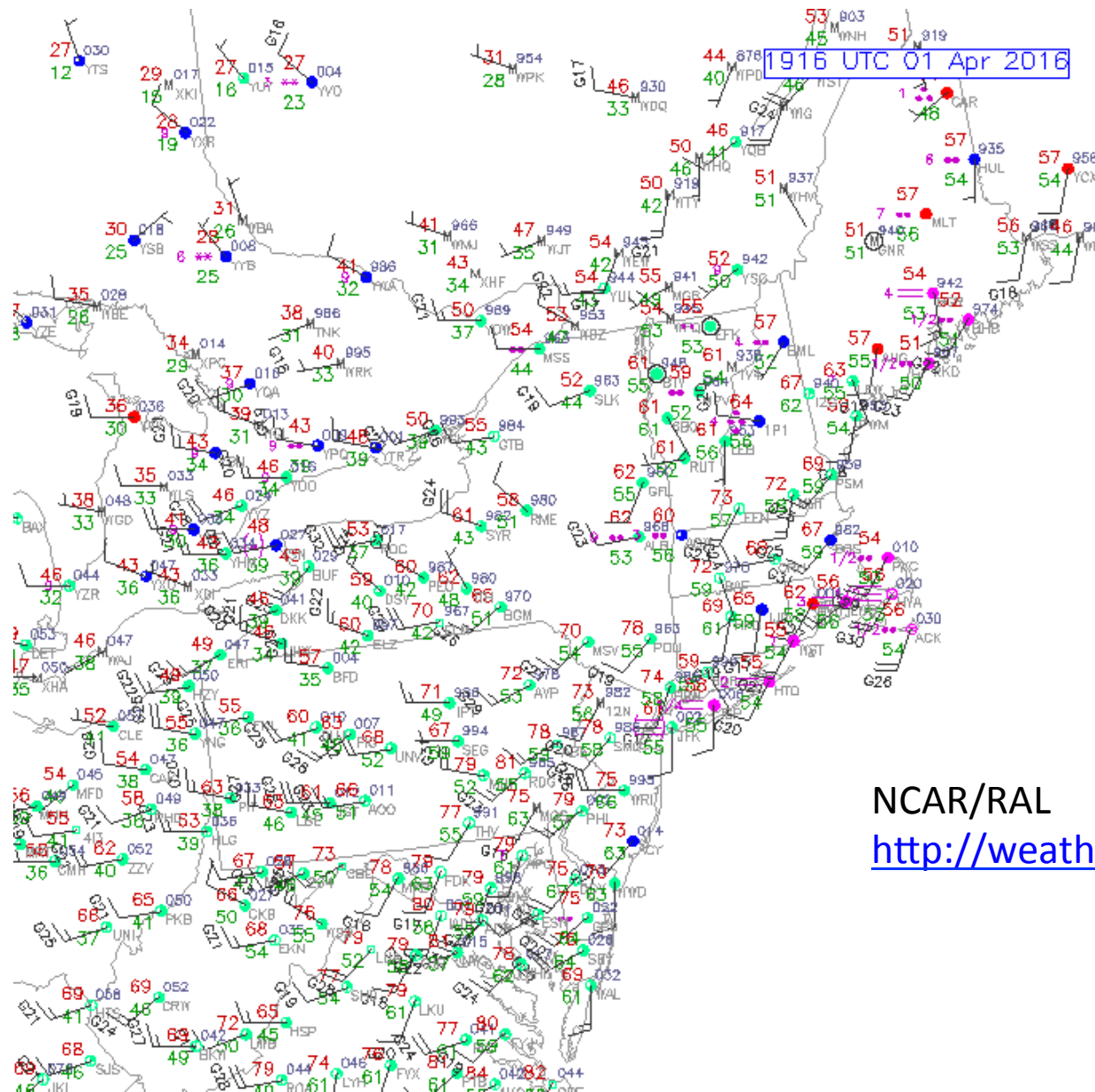
Tonight Scattered showers, mainly before 8pm. Mostly cloudy, with a low around 43. Northwest wind 6 to 13 mph. Chance of precipitation is 30%. New precipitation amounts of less than a tenth of an inch possible.

Saturday A chance of showers, mainly after 10am. Mostly cloudy, with a high near 53. South wind 7 to 13 mph becoming west in the afternoon. Chance of precipitation is 50%. New precipitation amounts of less than a tenth of an inch possible.

Saturday Night A chance of rain showers before midnight, then rain and snow showers likely between midnight and 2am, then snow likely after 2am. Mostly cloudy, with a low around 29. Northwest wind 6 to 11 mph becoming light. Chance of precipitation is 70%. New precipitation amounts between a tenth and quarter of an inch possible.



Surface station observations

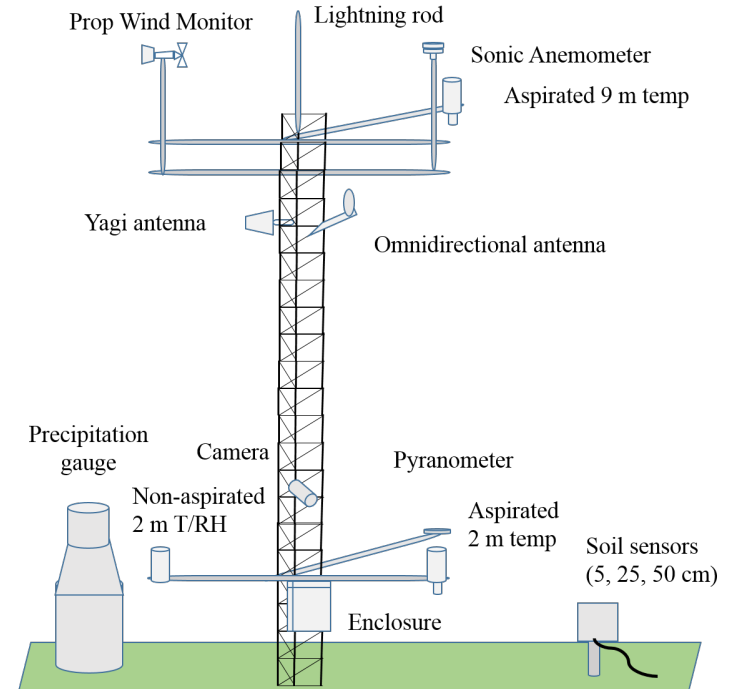
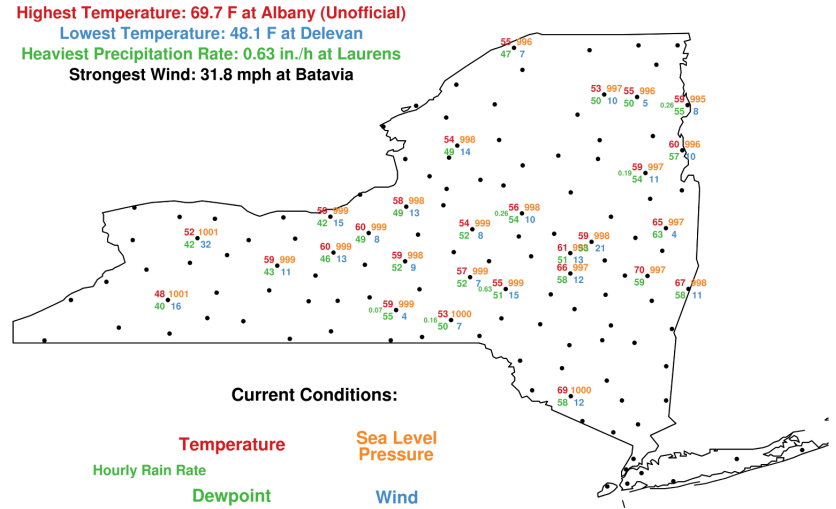


NCAR/RAL

<http://weather.rap.ucar.edu/surface/>

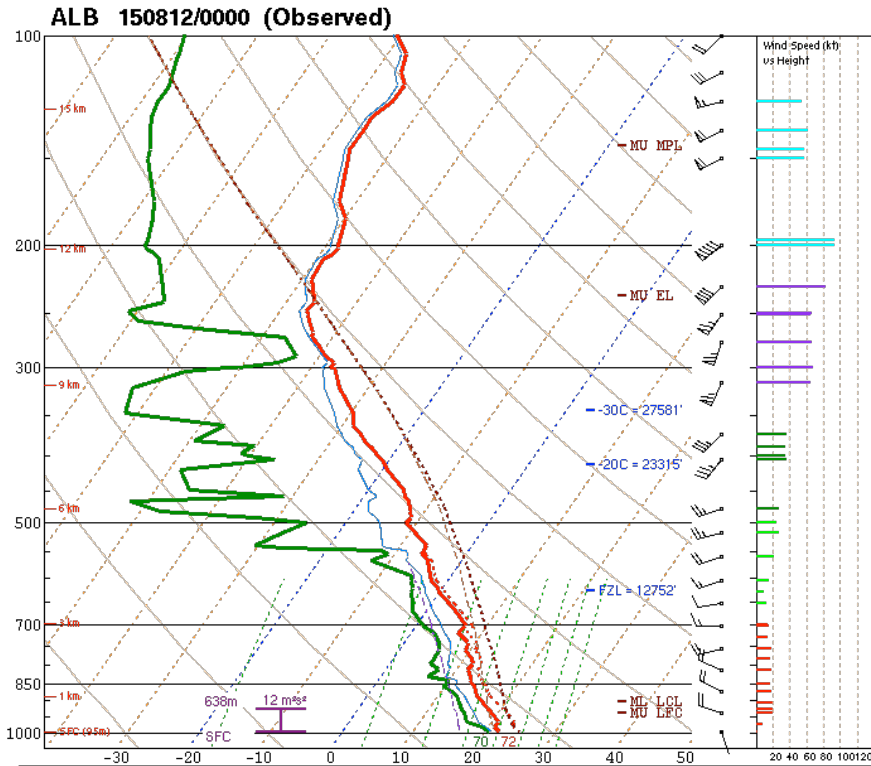


<http://nysmesonet.org/mesonow#?stid=STEP>



Radiosonde profiles

- Twice per day (00 & 12 UTC)
- Profile of conditions through the troposphere



<http://weather.uwyo.edu/upperair/sounding.html>

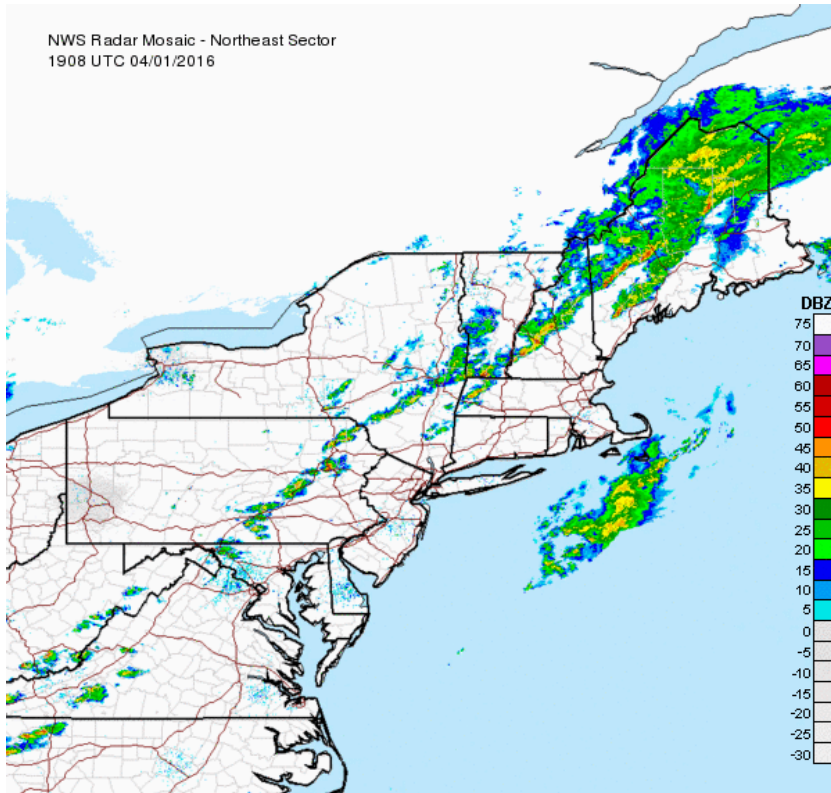
<http://www.spc.noaa.gov/exper/soundings/>

Coming soon:
Lidar wind profiles



- ~15 locations across the state
- PBL wind profiles every hour!

Weather radars

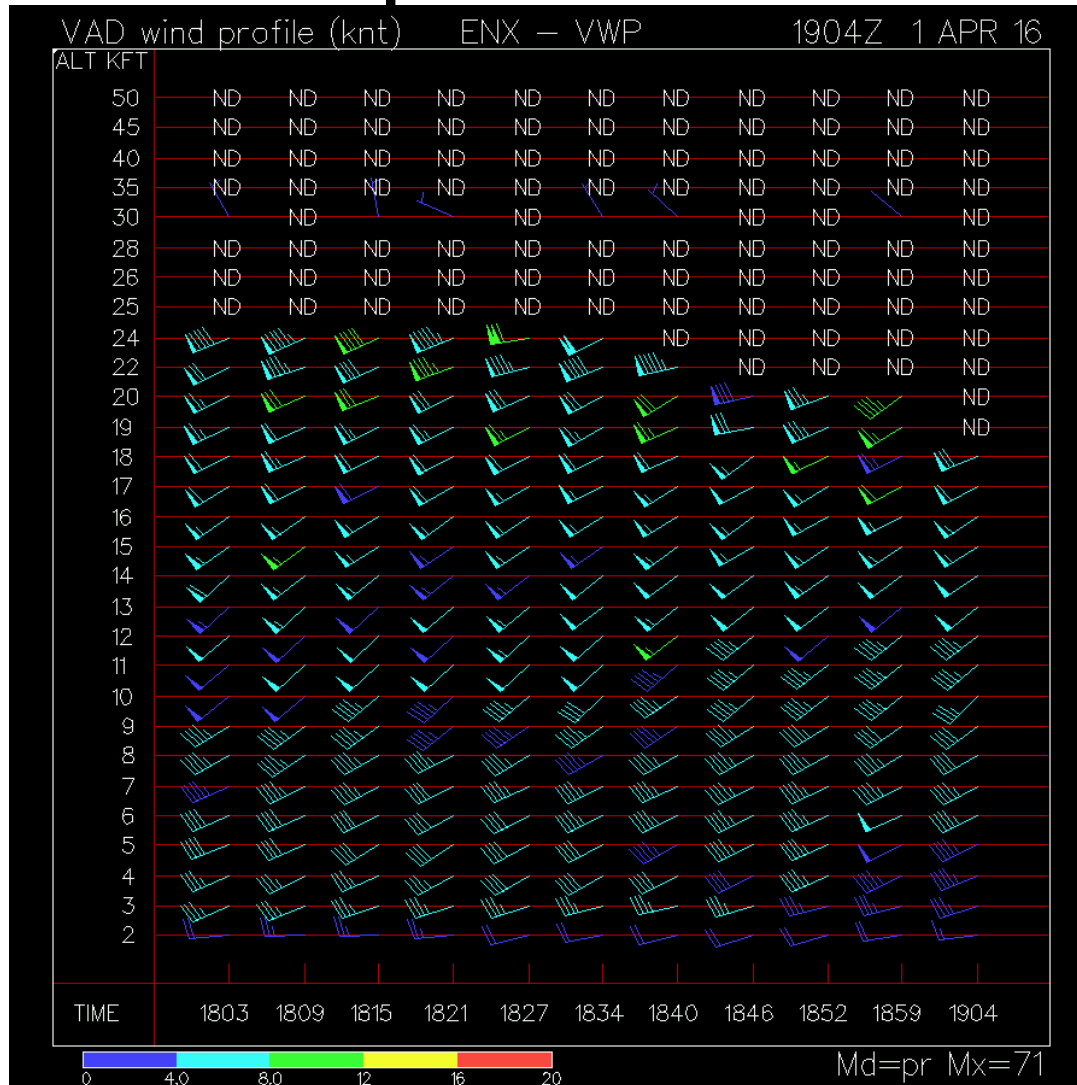


<http://radar.weather.gov/>



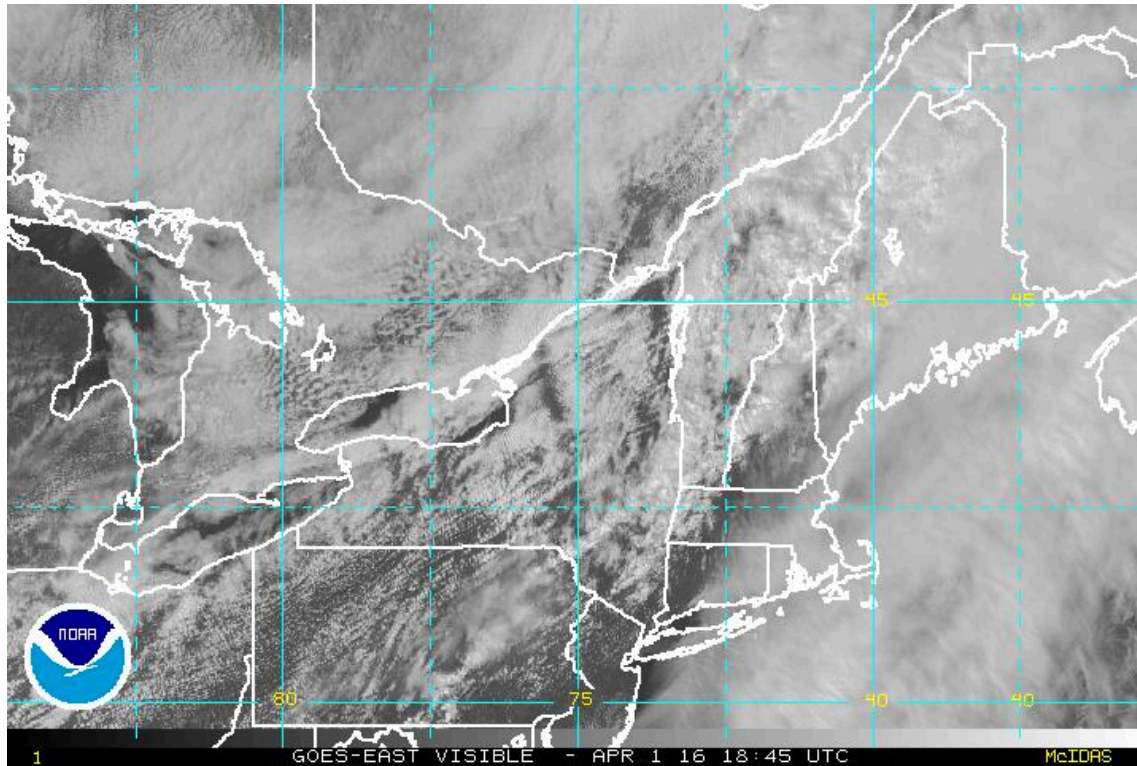
Radar Scope App

VAD Wind profiles from radar



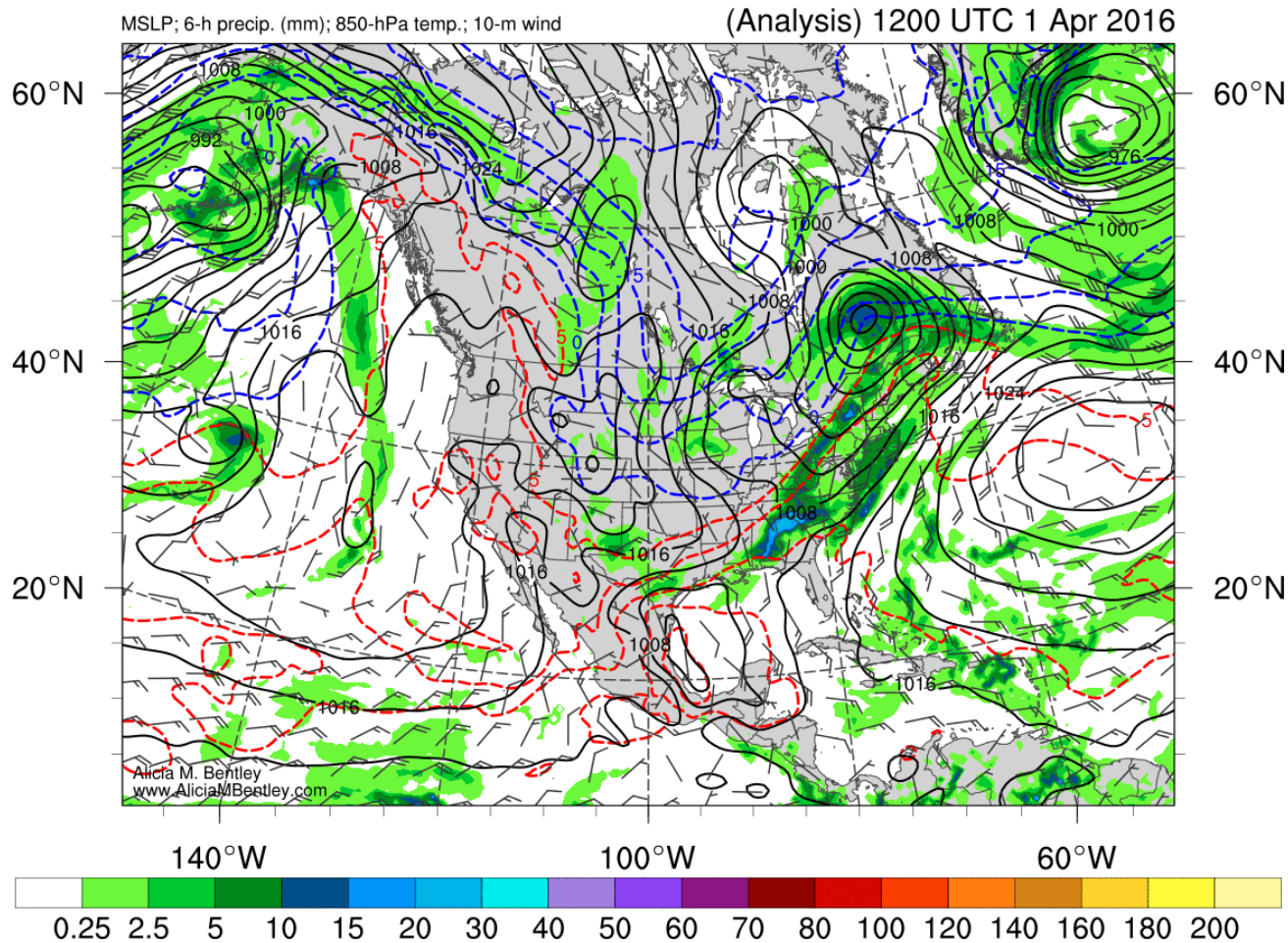
<http://www.pilotsandweather.com/ssr.html>

Satellite imagery



<http://www.goes.noaa.gov/>

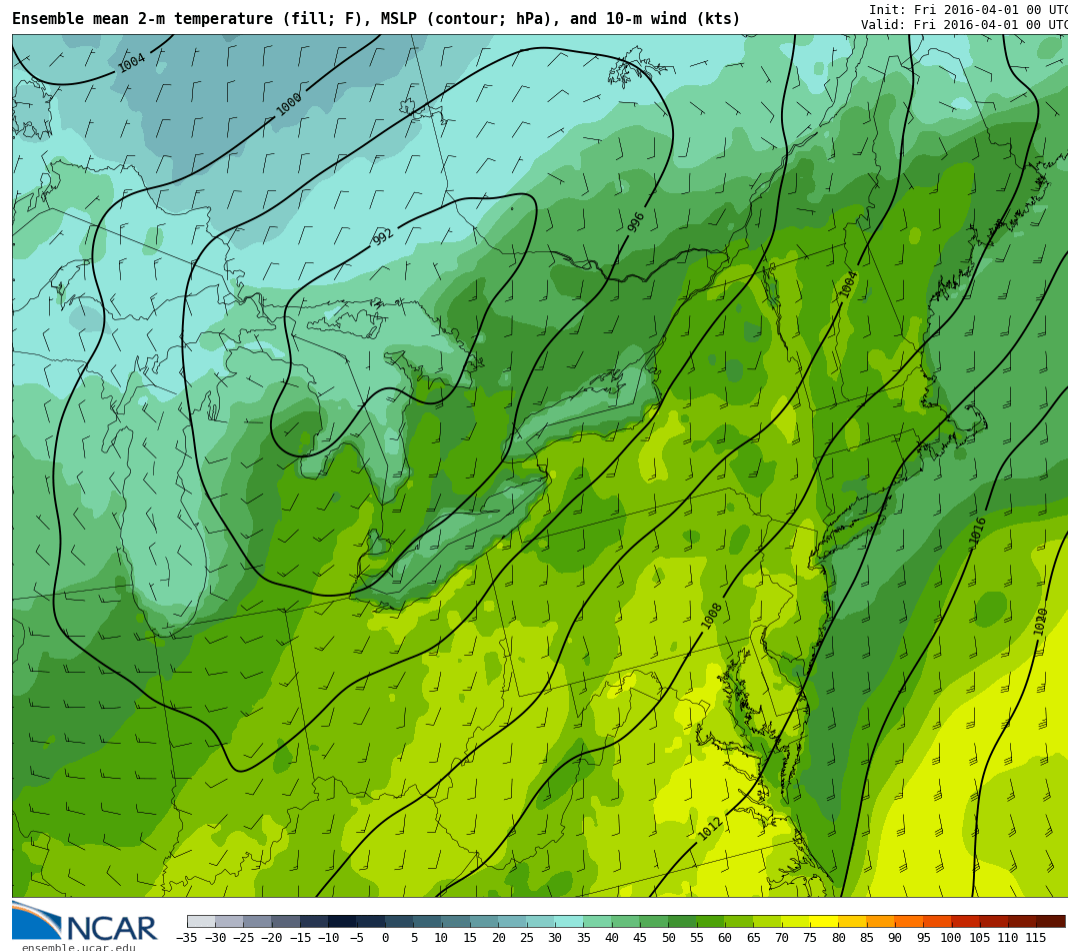
Global scale computer models



<http://mag.ncep.noaa.gov/model-guidance-model-area.php>

<http://www.atmos.albany.edu/student/abentley/realtime/>

Local- (meso-) scale computer models



<http://www.atmos.albany.edu/student/ppapin/hrrr.php#alb>

<http://ruc.noaa.gov/hrrr/>

<http://ensemble.ucar.edu/>

Other general purpose weather sites

http://www.atmos.albany.edu/index.php?d=wx_data

<http://www.aviationweather.gov/>

<http://weather.rap.ucar.edu/>

<http://vortex.plymouth.edu/>

<http://mp1.met.psu.edu/~fxg1/ewall.html>

<https://www.wunderground.com/>