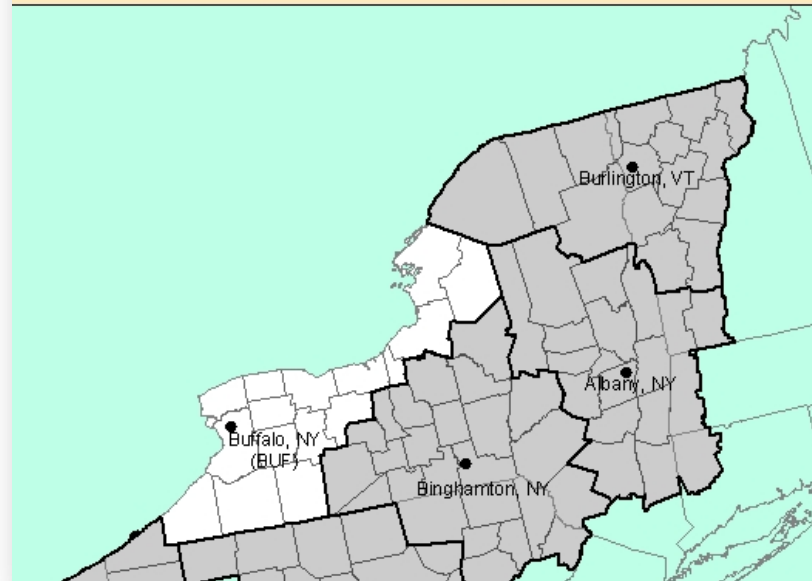


Winter Weather Briefing

National Weather Service – Buffalo NY

April 21, 2012

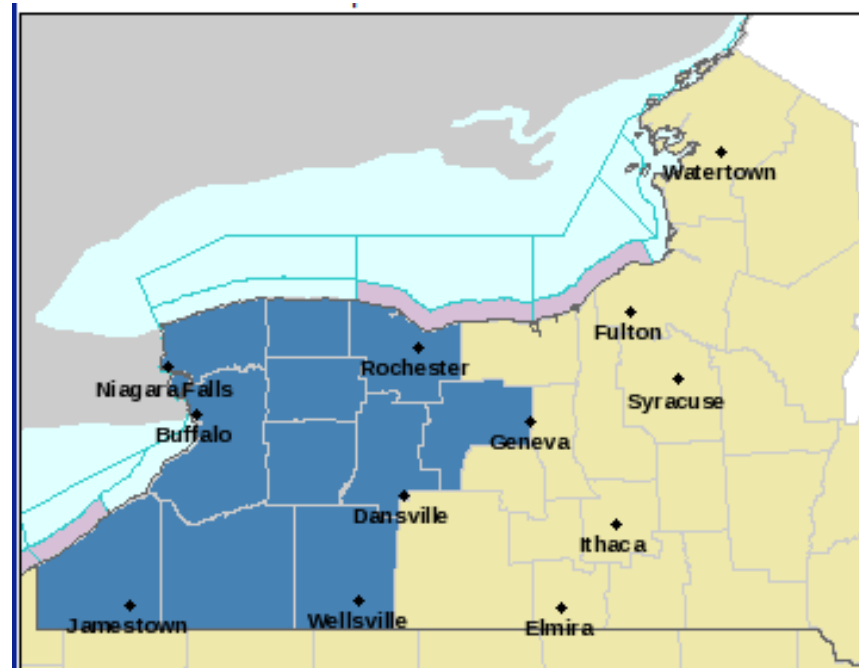
BUFFALO, NEW YORK COUNTY WARNING FORECAST AREA

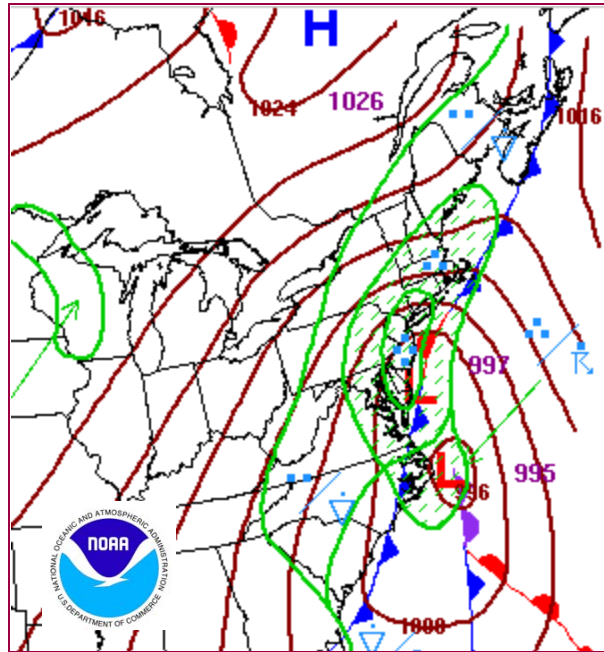


Applies to NWS Buffalo
Area of Responsibility Only

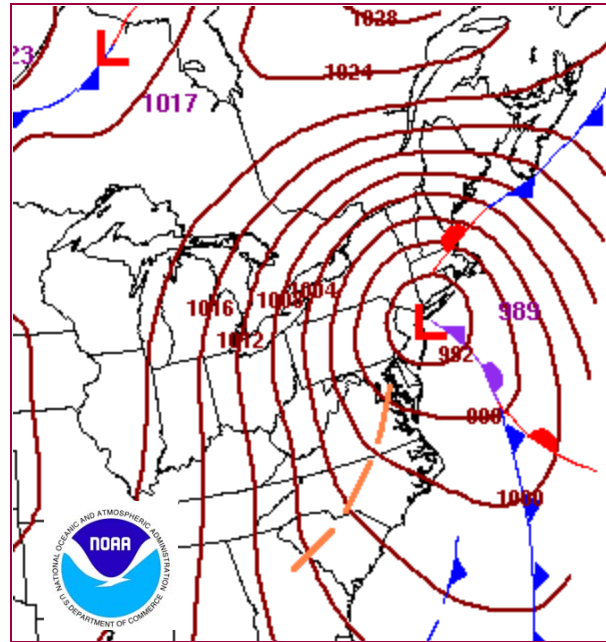
- ▶ **Winter Storm Watch in Effect for the area in blue**
 - ▶ 11PM Sunday through 7PM Monday

- ▶ **Confidence:**
 - ▶ High for Chautauqua, Cattaraugus, Allegany, Southern Erie and Wyoming counties
 - ▶ Moderate for Northern Erie, Genesee, and Livingston counties
 - ▶ Low for Niagara, Orleans, Monroe and Ontario counties

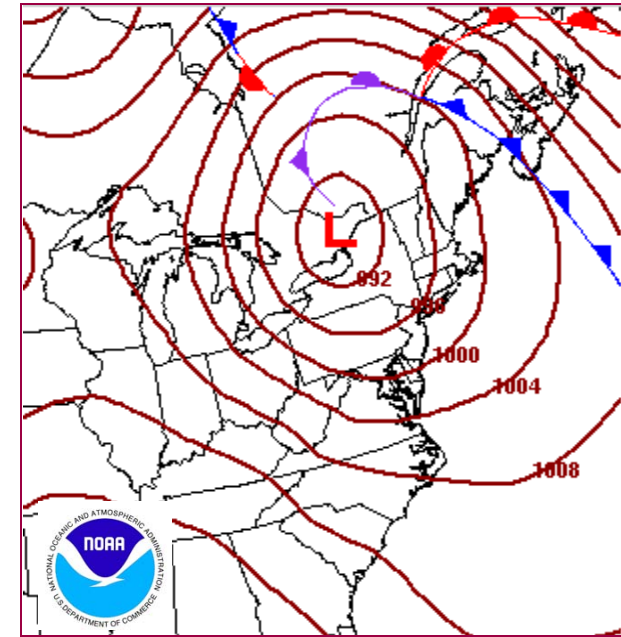




Sunday Evening



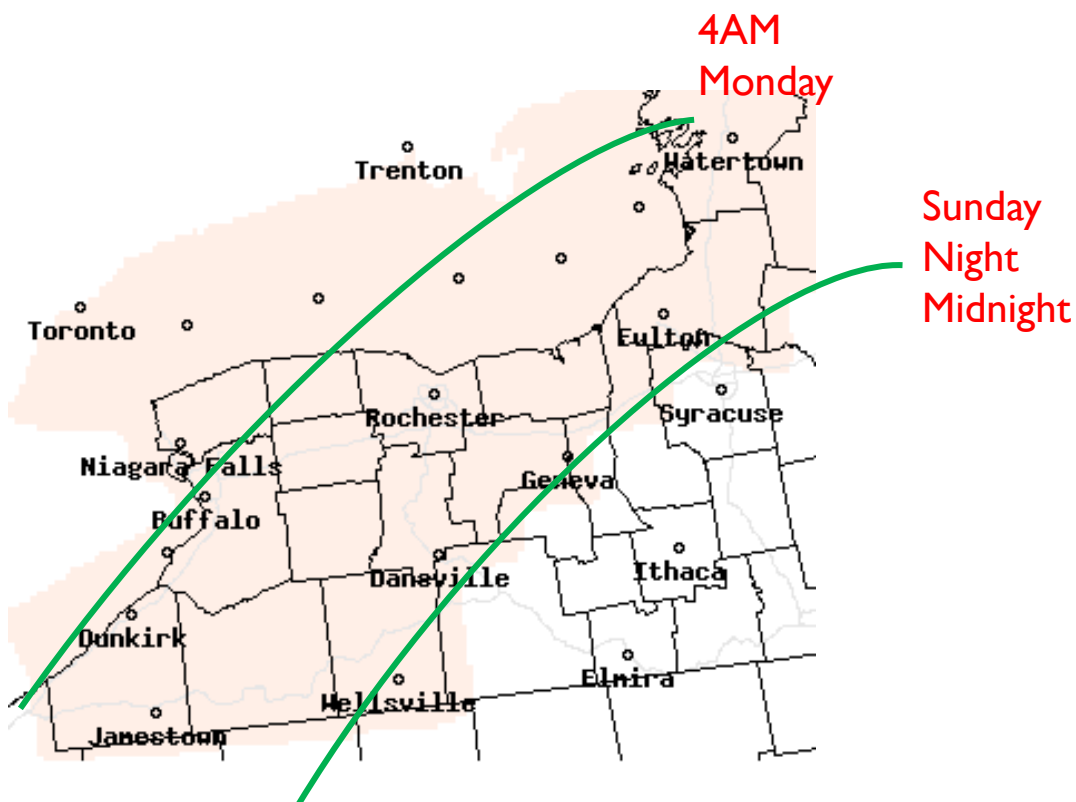
Monday Morning



Monday Evening

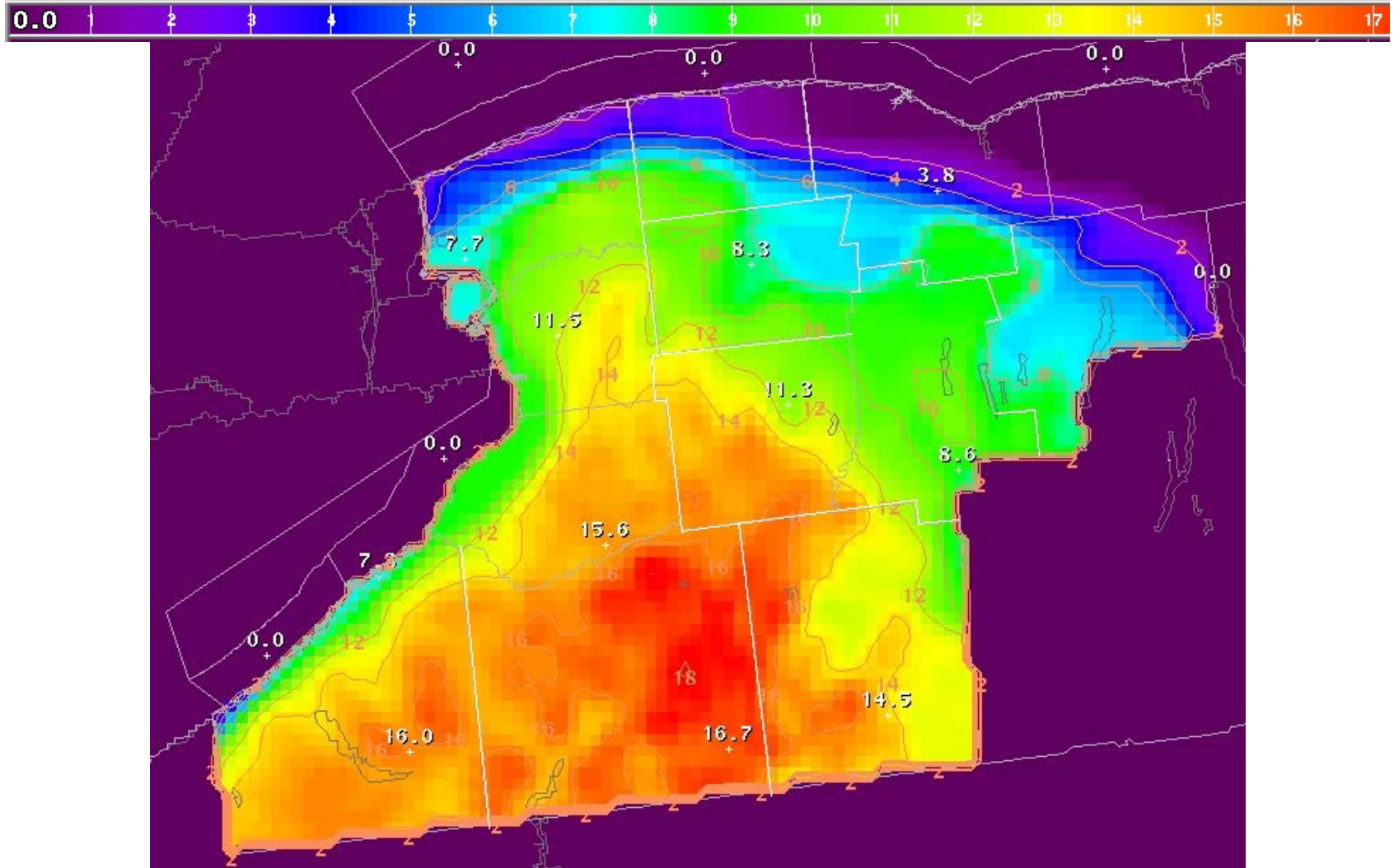
A good deal of uncertainty with this storm system with respect to amount, type and timing of precipitation

Start Time



- ▶ Precipitation begins across the western southern tier around midnight and spreads northeast across the entire region
- ▶ Starts as rain and changes over to snow—faster over the higher elevations

Snowfall totals – Very early “guestimates”



Temperature

- ▶ Temps in the upper 30s to low 40s at onset
- ▶ Falling to at or below freezing Sunday Night
- ▶ Remaining near 32 Monday
- ▶ Tuesday—rising into the upper 30s to low 40s
- ▶ Windchills in the teens Sunday night and Monday

Winds

- ▶ Northeast wind 10 to 20 mph Sunday increasing to 15 to 25 mph Sunday night
- ▶ Winds gusts 30-35 mph
- ▶ Higher along the Lake Ontario shore

Concerns

- ▶ Location of rain/snow line
- ▶ Very tight gradient from little snow to a lot
- ▶ How leafed out are the trees?
- ▶ How much of this heavy, wet snow will it take to start bringing down trees / lines

- ▶ Snow will continue into Monday night

- ▶ Tuesday—as it warms, will there be an flooding issues?

General Reminders

- ▶ Weather forecasts change. Always monitor the systems as they develop.
- ▶ Emergency managers, government partners and media can log onto to NWSChat Live (<https://nwschat.weather.gov/live>) to get critical warning decision expertise from the forecasters and exchange real-time information
- ▶ The latest Area Forecast Discussion can be found at:
<http://www.erh.noaa.gov/displayprod.php?product=BUFAFDBUF&versions=1>
- ▶ **National Weather Service Buffalo is on Facebook:**
 - ▶ <https://www.facebook.com/US.NationalWeatherService.Buffalo.gov>