



Daily Weather Maps

JUNE 20, 2011 - JUNE 26, 2011

Week 25

The following charts are the principal charts of the former National Weather Service publication, "Daily Weather Map." They are the Surface Weather Map, the 500-Millibar Height Contours chart, the Highest and Lowest Temperatures chart, and the Precipitation Areas and Amounts chart. All charts are derived from the operational weather maps prepared at the National Centers for Environmental Prediction, Hydrometeorological Prediction Center, National Weather Service. The symbols on the Surface Weather Map and the 500-Millibar Height contours are standard international symbols.

The Surface Weather Map shows station data and the analysis for 7:00 a.m. EST. Areas of precipitation are indicated by shading. The weather reports displayed here are only a fraction of those on which the analyses are based. Occasional apparent discrepancies between the printed station data and the analyses result from the absence of station reports not included here because of a lack of space.

The 500-Millibar Height Contours chart shows height contours (solid lines), temperatures (dashed lines) and winds (arrows) at the 500-Millibar pressure level at 7:00 a.m. EST. The height contours show the height of the 500-millibar pressure level in dekameters above sea level and isotherms, the lines of constant temperature, are shown in degrees Celsius. Arrows show the wind direction and speed at the 500-Millibar level.

The Highest and Lowest Temperature chart shows the maximum temperature for a period from 7:00 a.m. through 7:00 p.m. LST the previous day and the minimum temperature for the period from 7:00 p.m. LST the previous day through 8 a.m. The maximum temperature is plotted above the station location and the minimum temperature is plotted below.

The Precipitation Areas and Amounts chart shows areas (shaded) that had precipitation during the 24 hours ending at 7:00 a.m. EST, with amounts to the nearest hundredth of an inch. "T" indicates a trace of precipitation.

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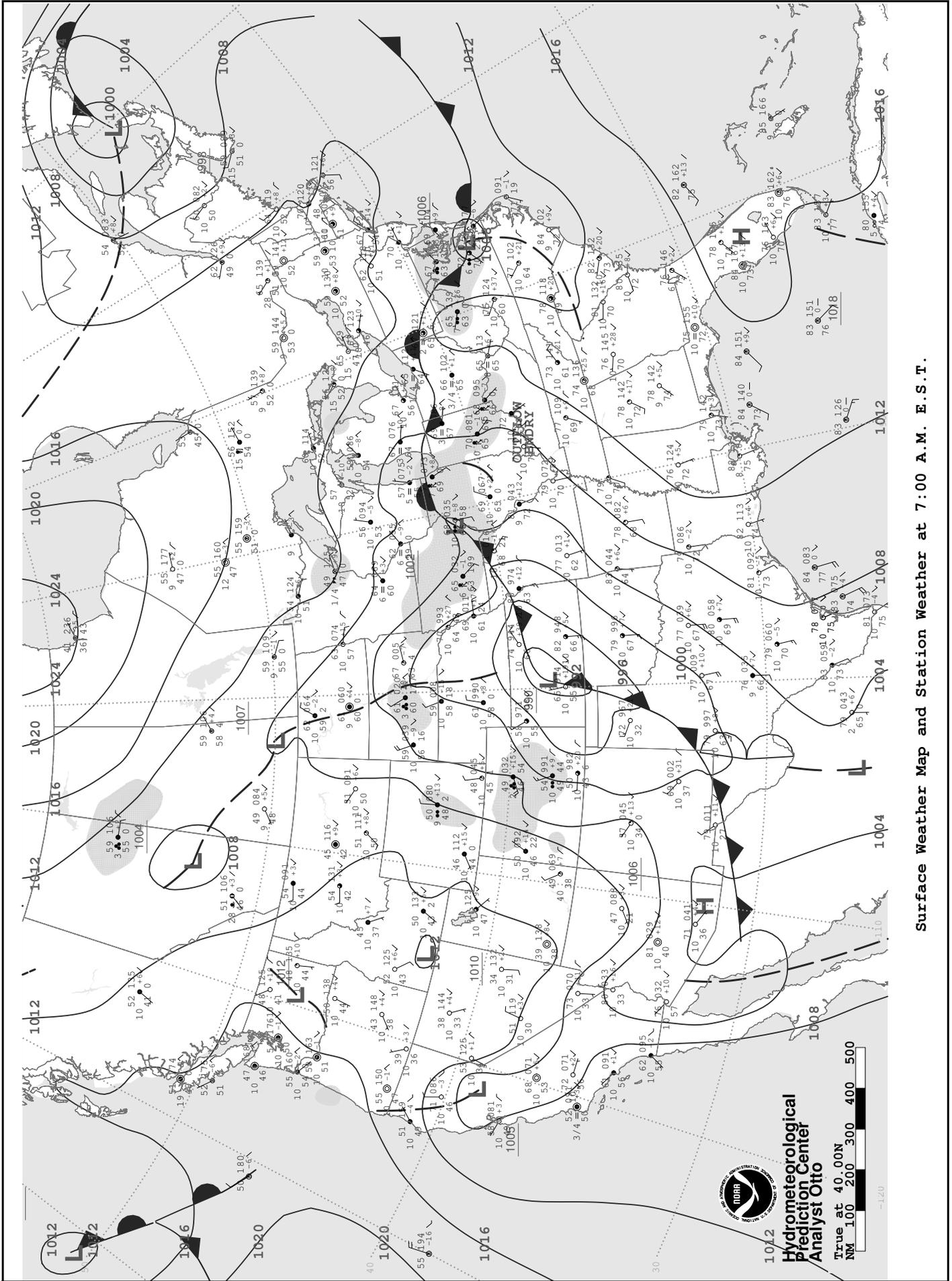
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Correspondence to the meteorologists should be directed to: *Daily Weather Map*, NOAA/National Weather Service, Room 410, 5200 Auth Rd, Camp Springs, MD 20746.

The *Daily Weather Map* is available online at www.hpc.ncep.noaa.gov/dwm/dwm.shtml.

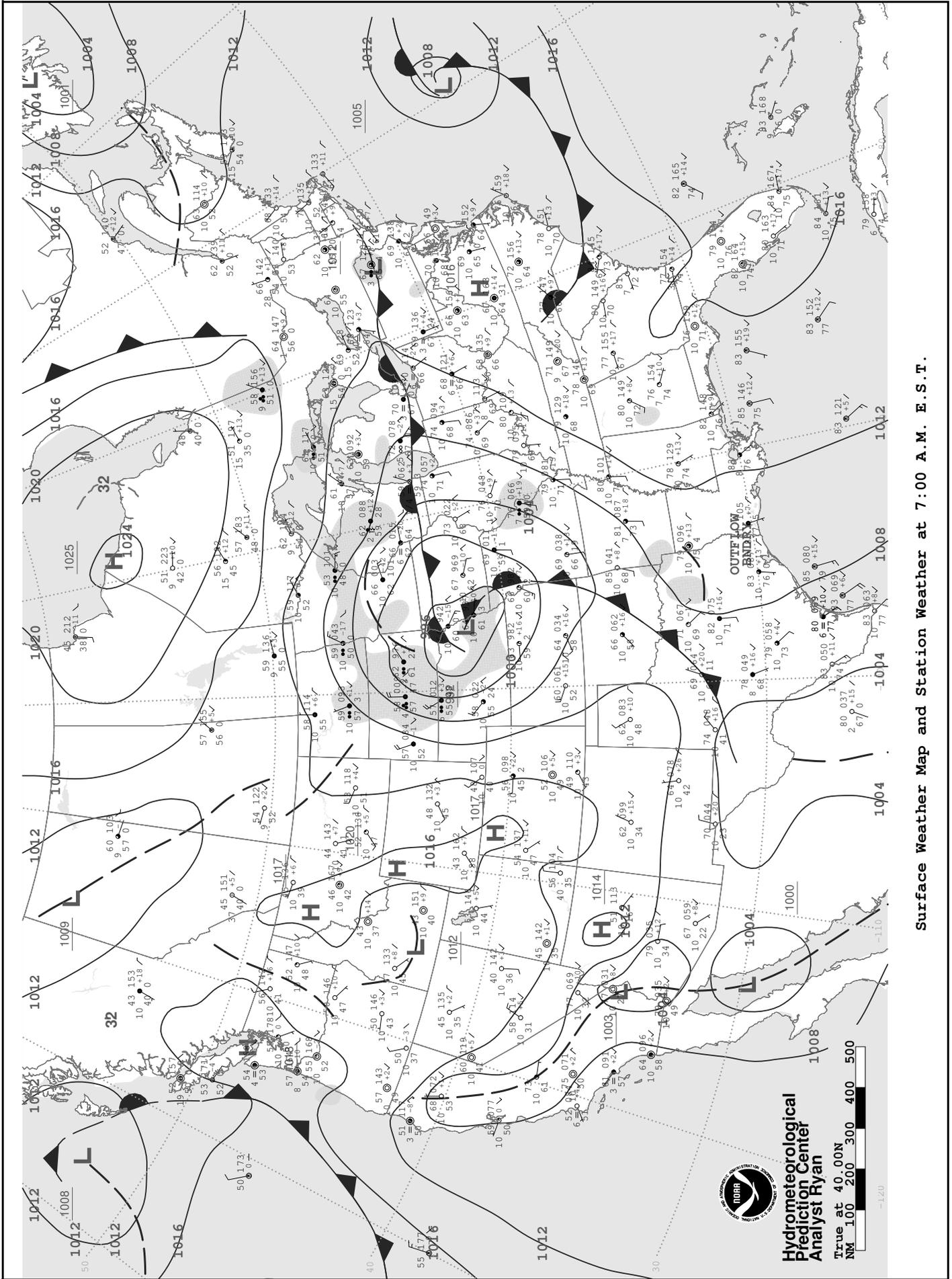
Current HPC products are available online at www.hpc.ncep.noaa.gov



Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.


Hydrometeorological
Prediction Center
Analyst Otto

True at 40.00N
NM 100 200 300 400 500

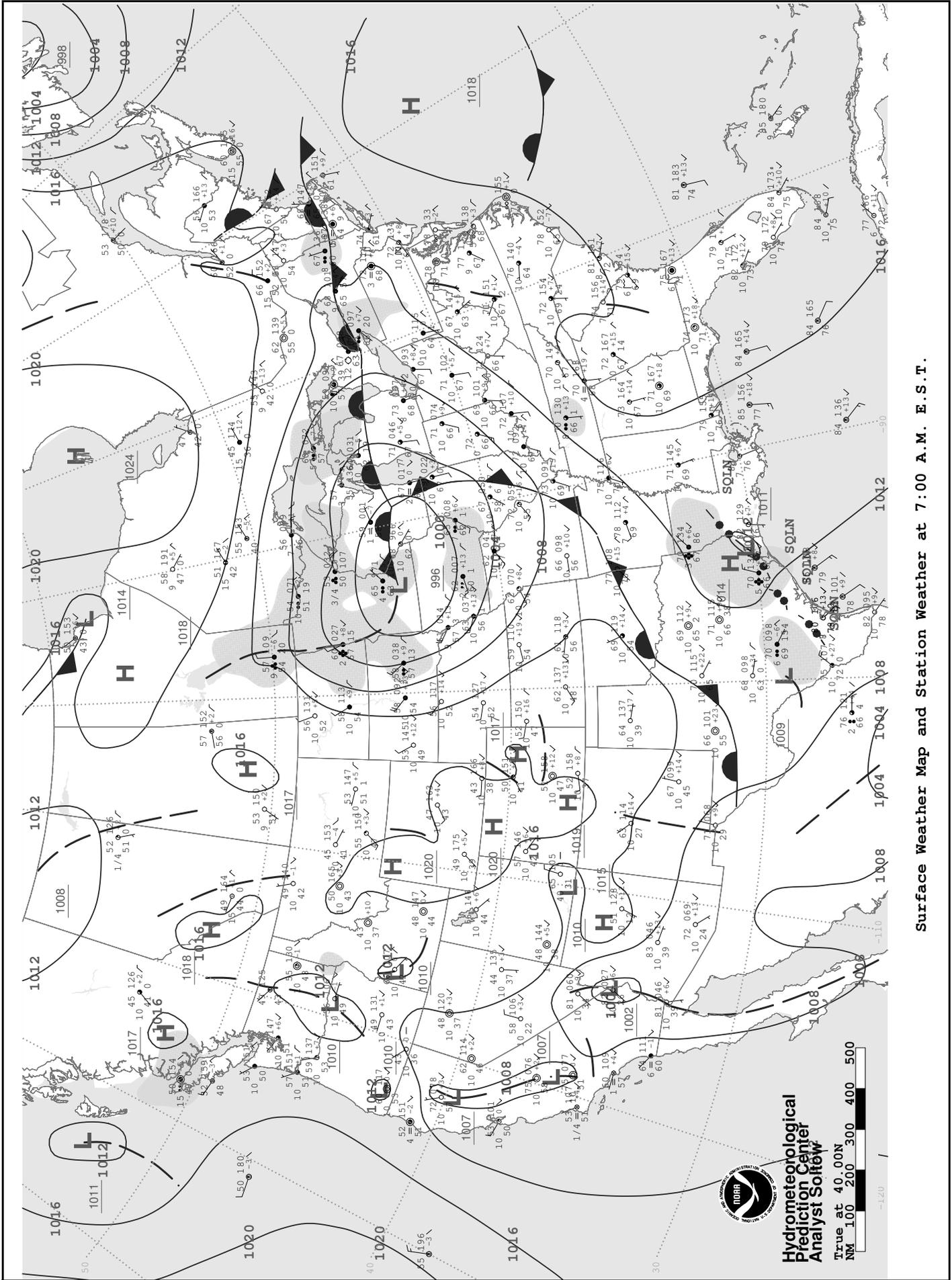


Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.

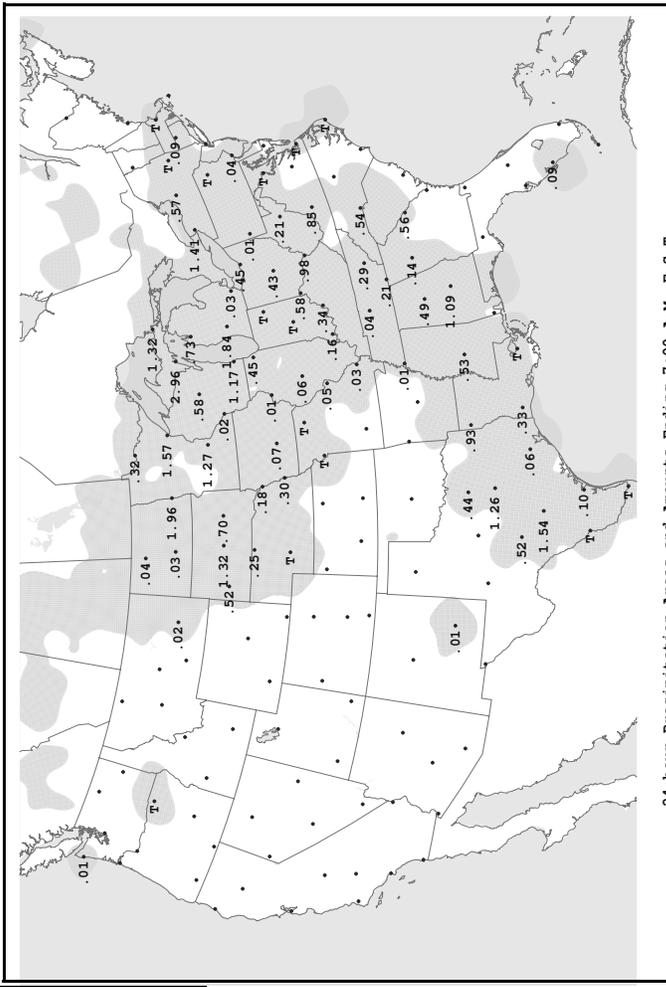
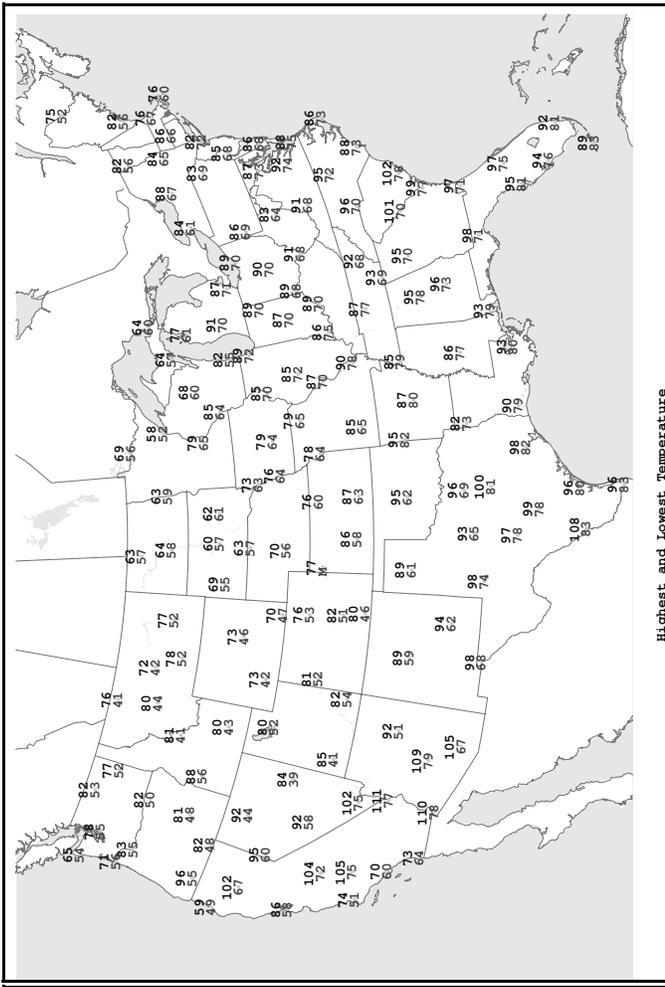
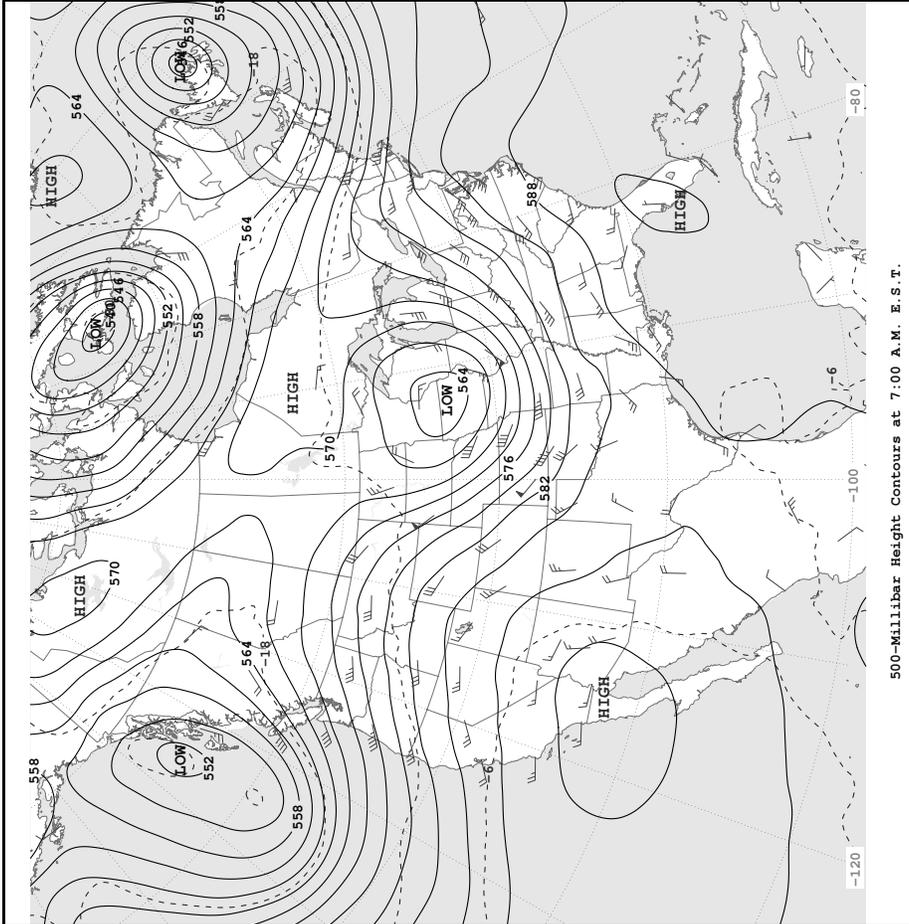
Hydrometeorological
Prediction Center
Analyst Ryan

True at 40.00N
NM 100 200 300 400 500

-12U



Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.



Station Model

Wind Direction: **F** (Long Feather - 10 knots, Short Feather - 5 knots)

Current Temperature (in °F): **dd**

Wind Speed: **ff**

3-Digit Surface Pressure (in tenths): **PPP**

3 Hour Pressure Tendency (in tenths): **PP a**

6 Hour Total Precipitation (in hundredths of an inch): **RR**

Sky Cover: **Sk**

Present Weather Symbol: **●**

Dew Point Temperature: **TT**

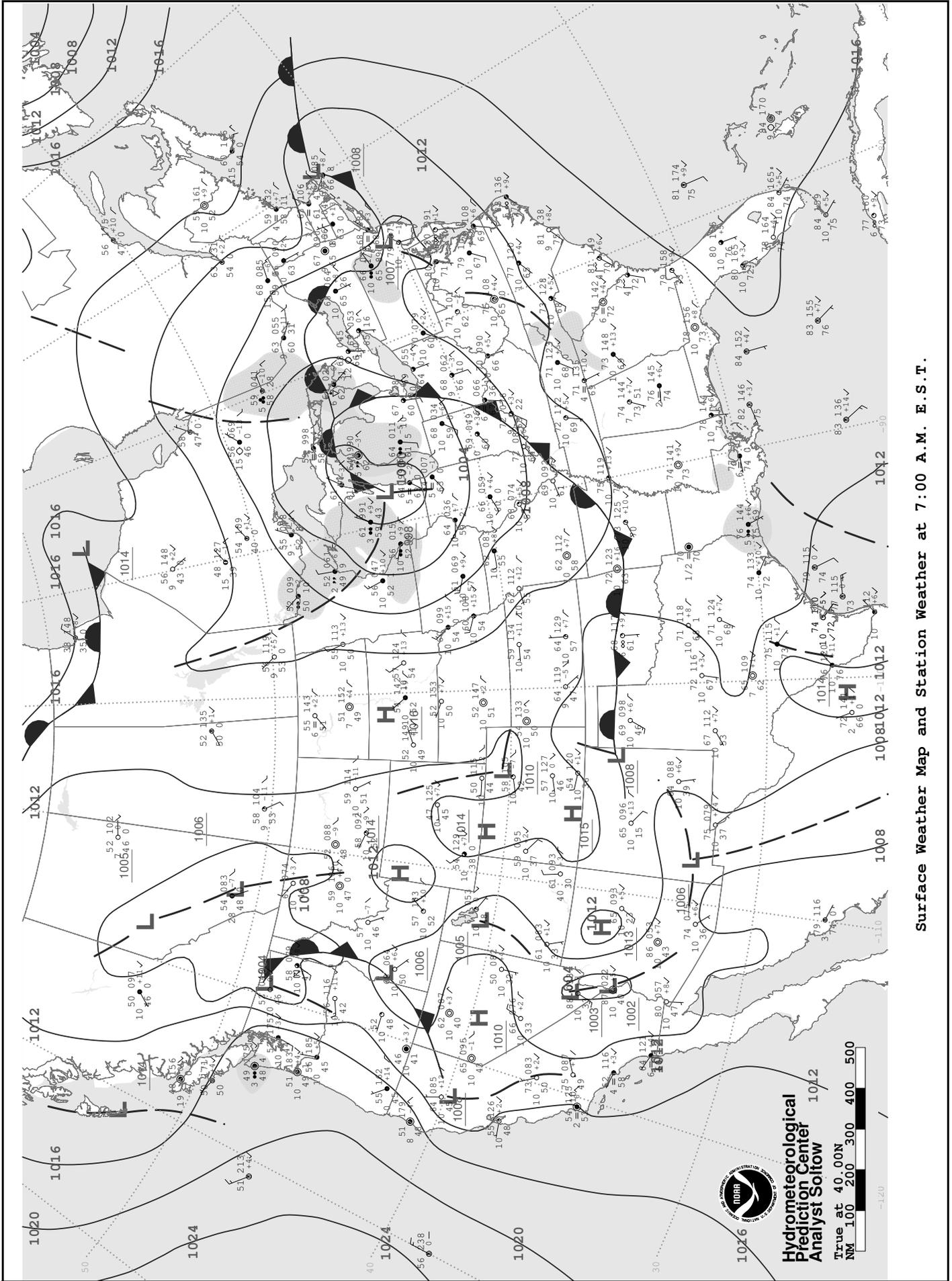
Visibility (in miles): **V**

Wind Feather: **—**

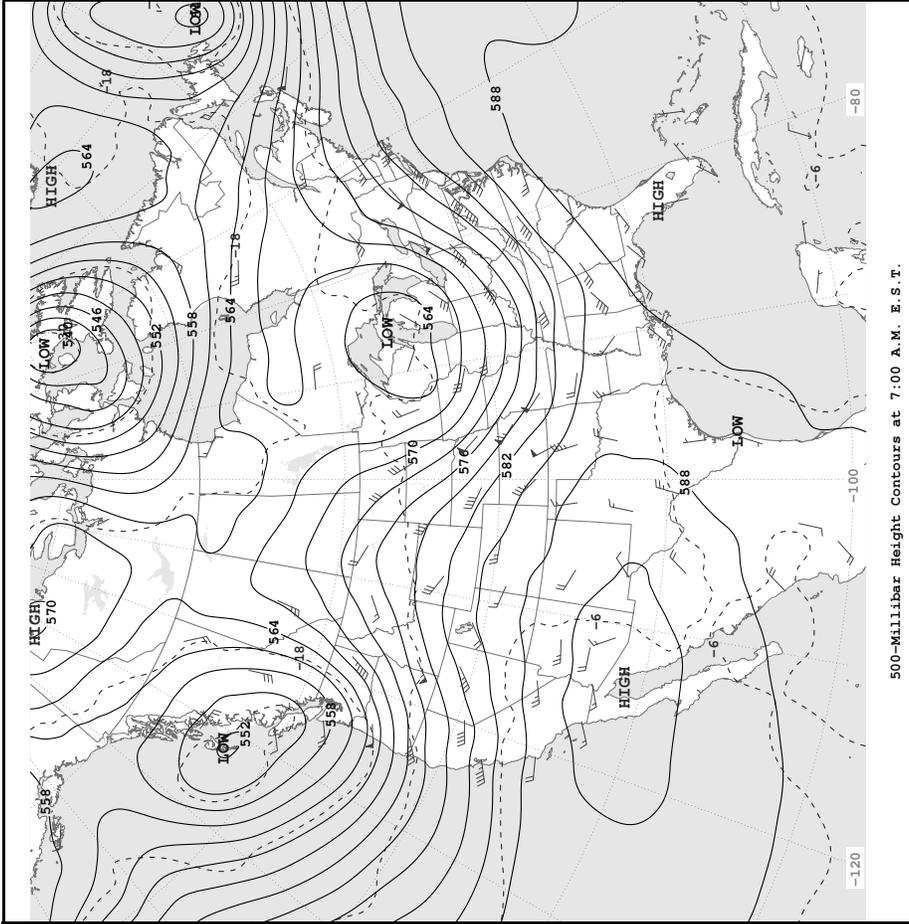
3-Digit Surface Pressure (in tenths): **Ex**

989 = 998.9mb, 012 = 1001.2mb

WEDNESDAY, JUNE 22, 2011



Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.



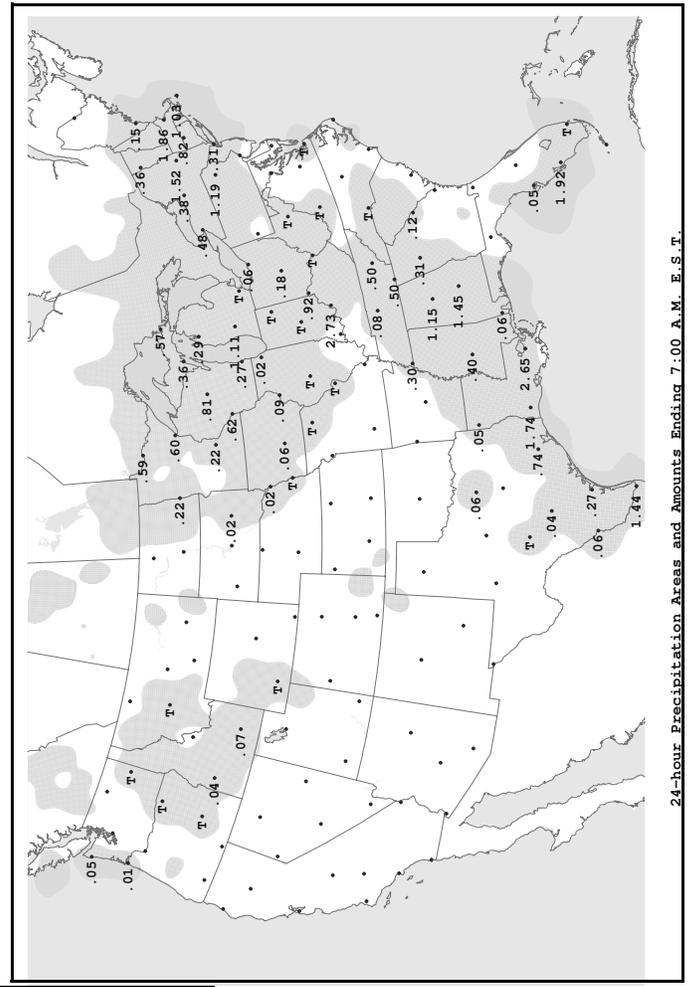
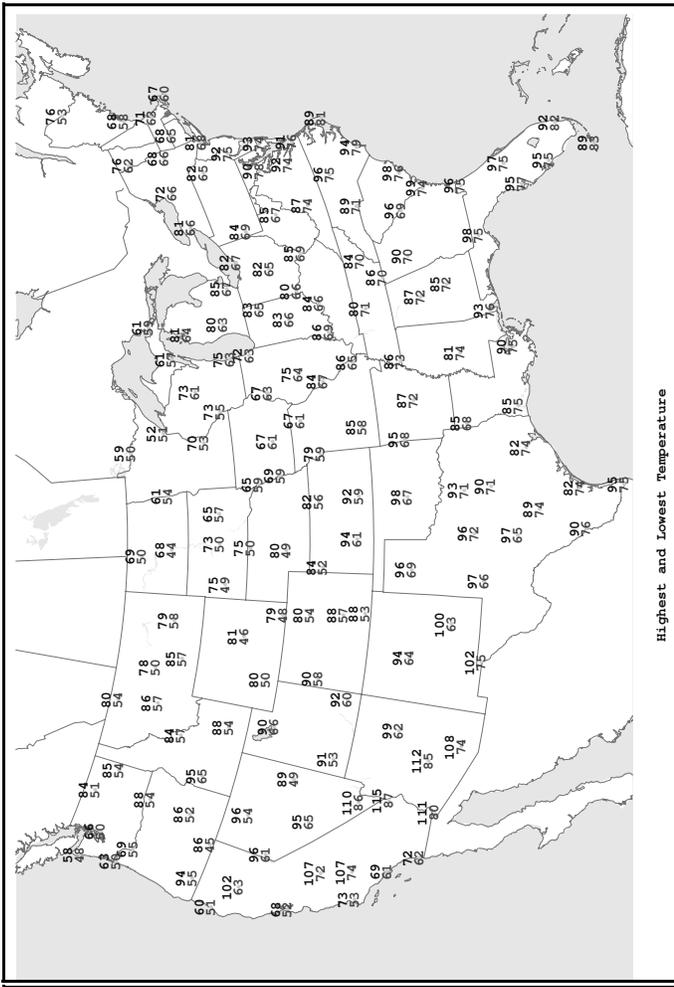
Station Model

Wind Direction: Wind Speed: Long Feather - 10 knots, Short Feather - 5 knots

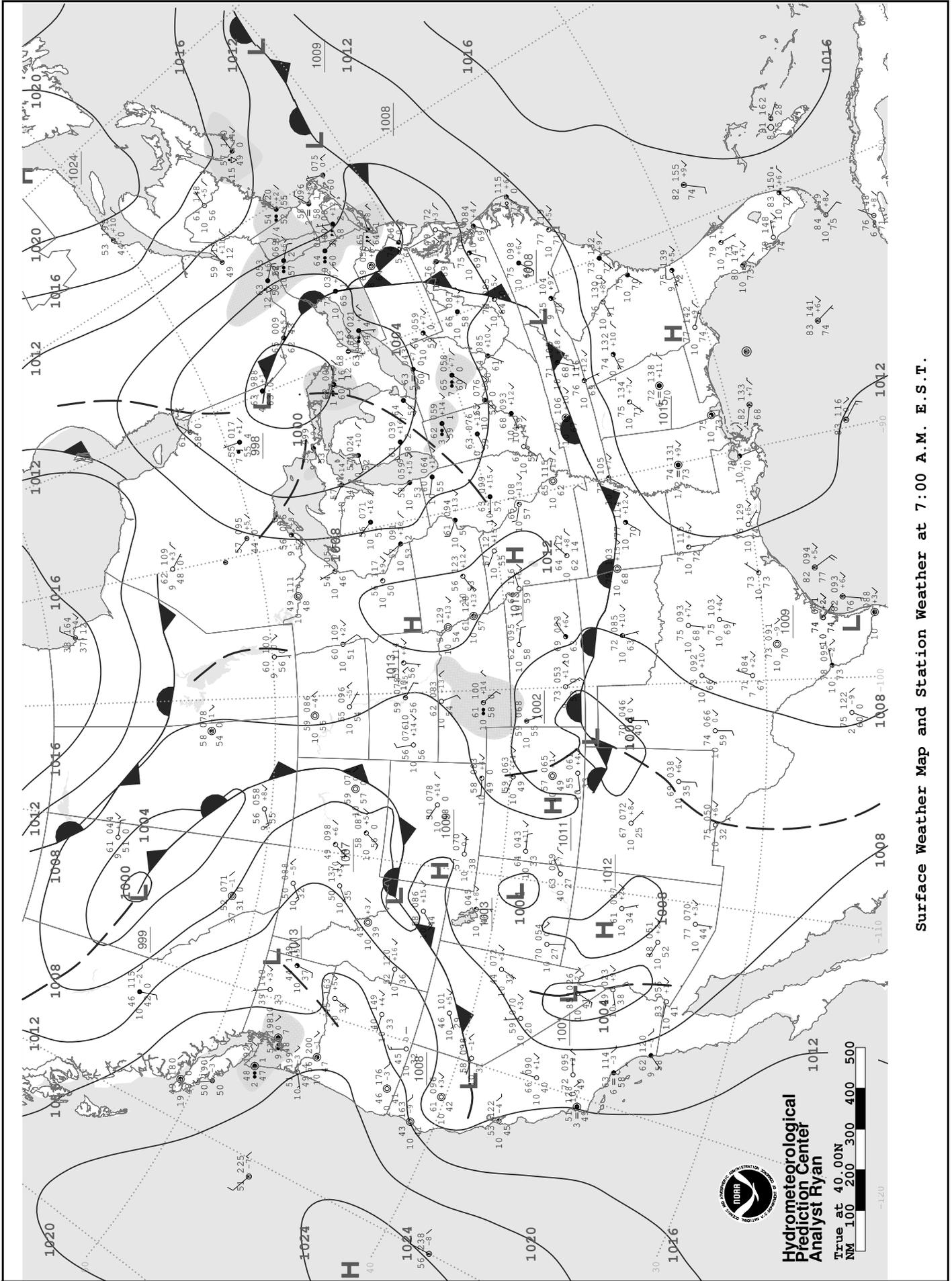
Current Temperature (in °F): 3-Digit Surface Pressure (in tenths): Ex: 989 = 998.9mb, 012 = 1001.2mb

Visibility (in miles): Present Weather Symbol: 3 Hour Pressure Tendency (in tenths): 6 Hour Total Precipitation (in hundredths of an inch):

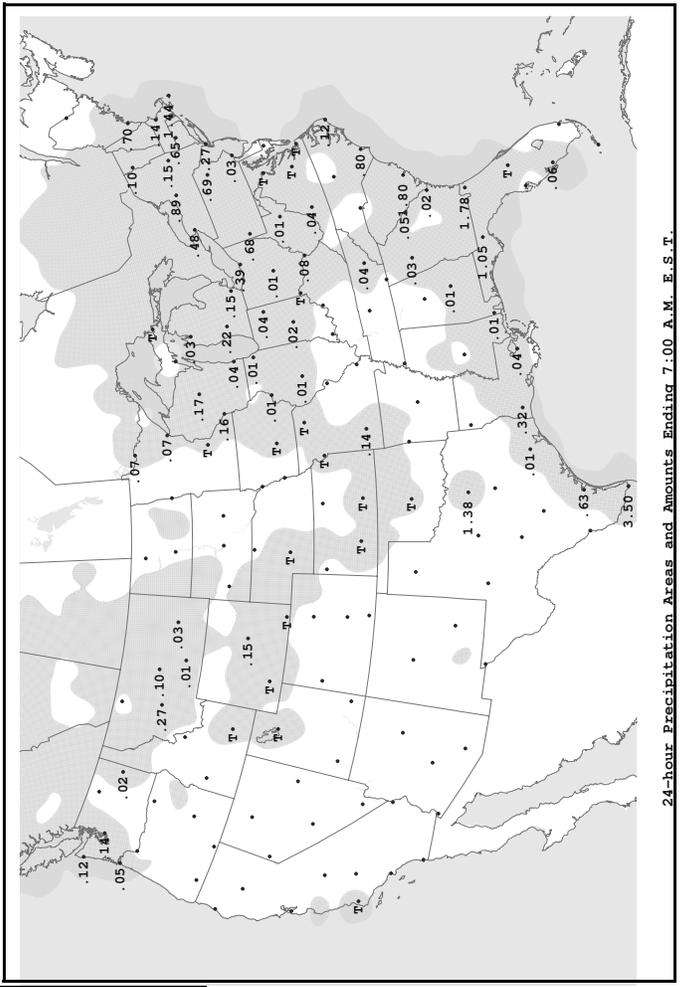
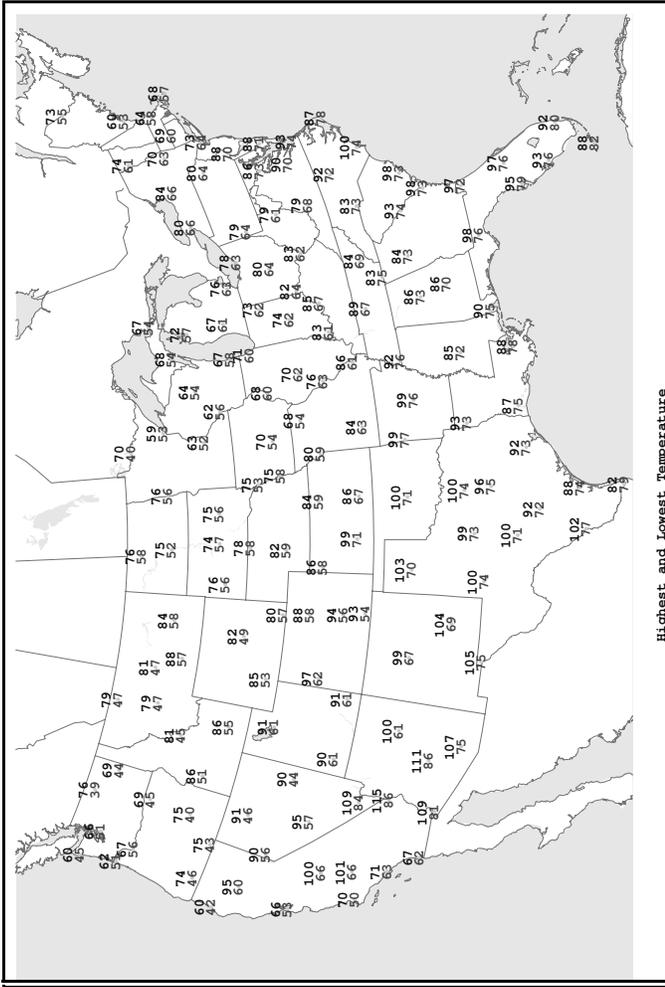
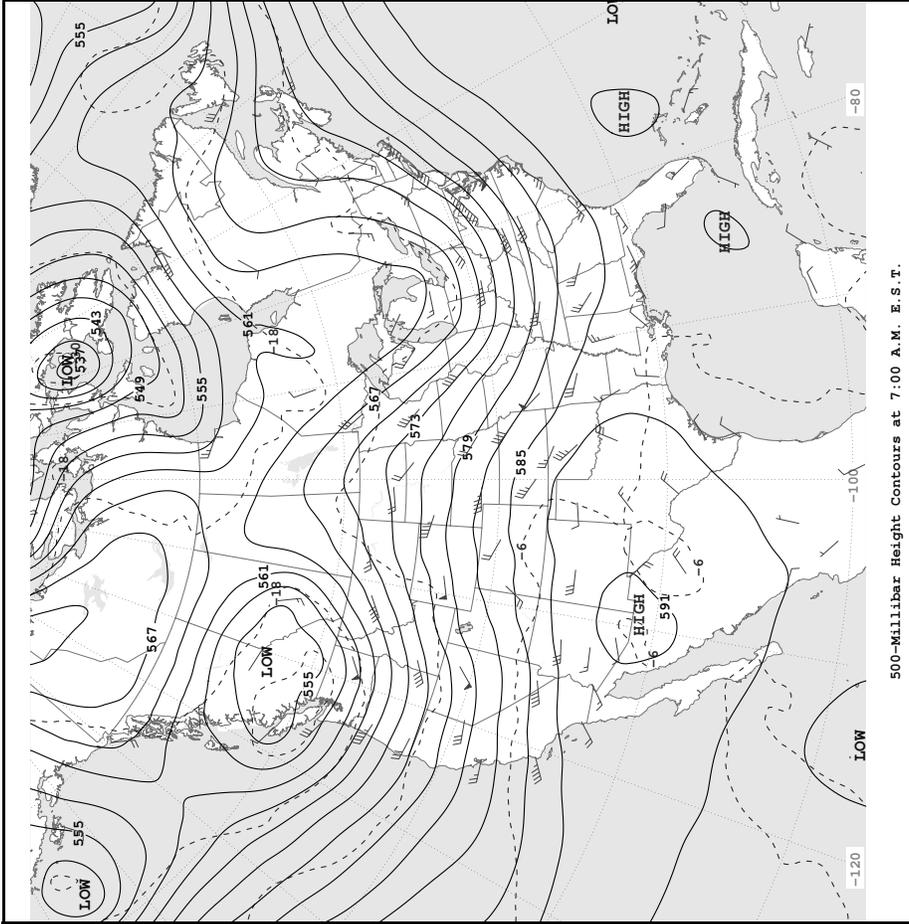
Dew Point Temperature: Sky Cover:



THURSDAY, JUNE 23, 2011



Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.

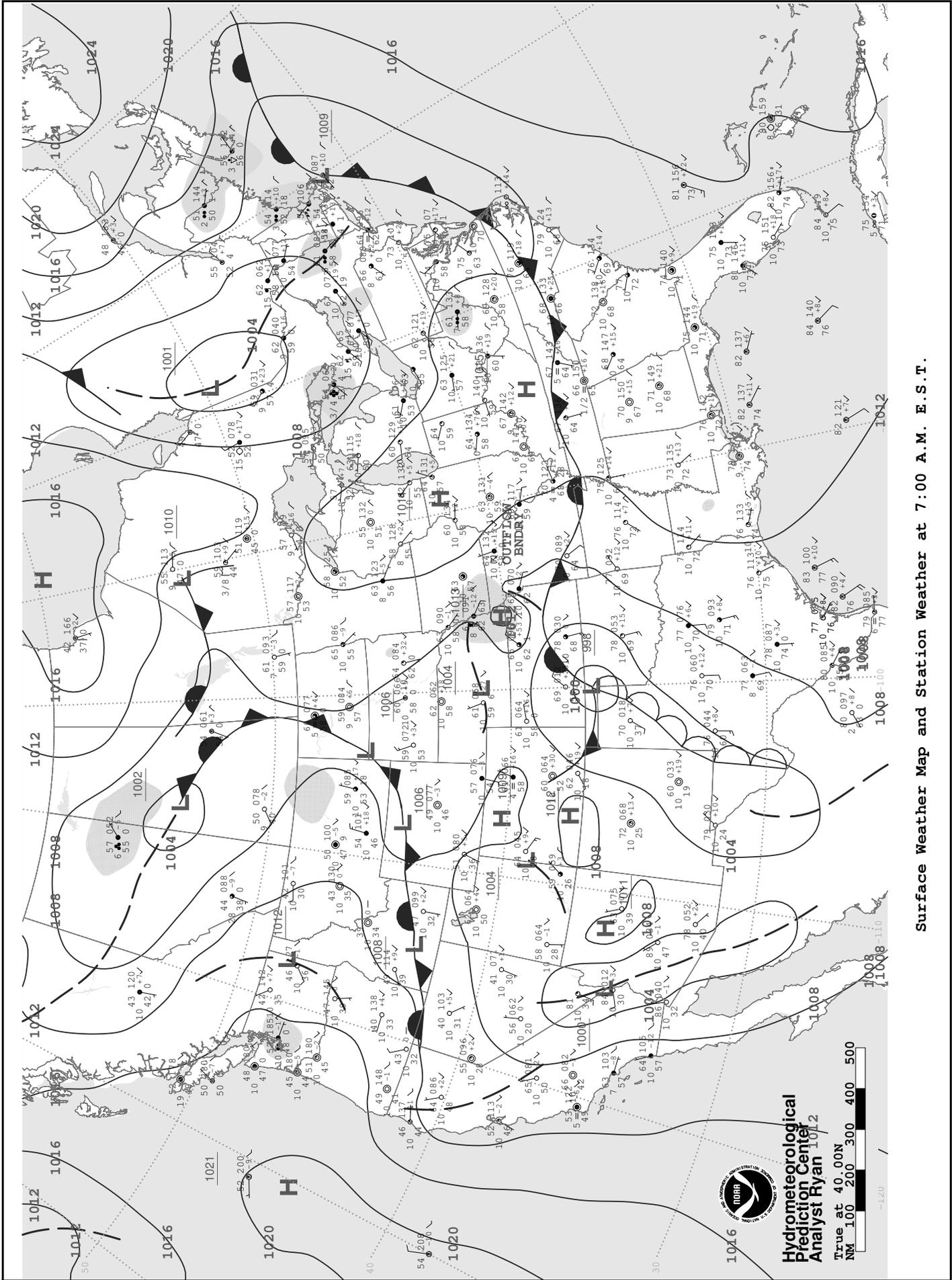


Station Model

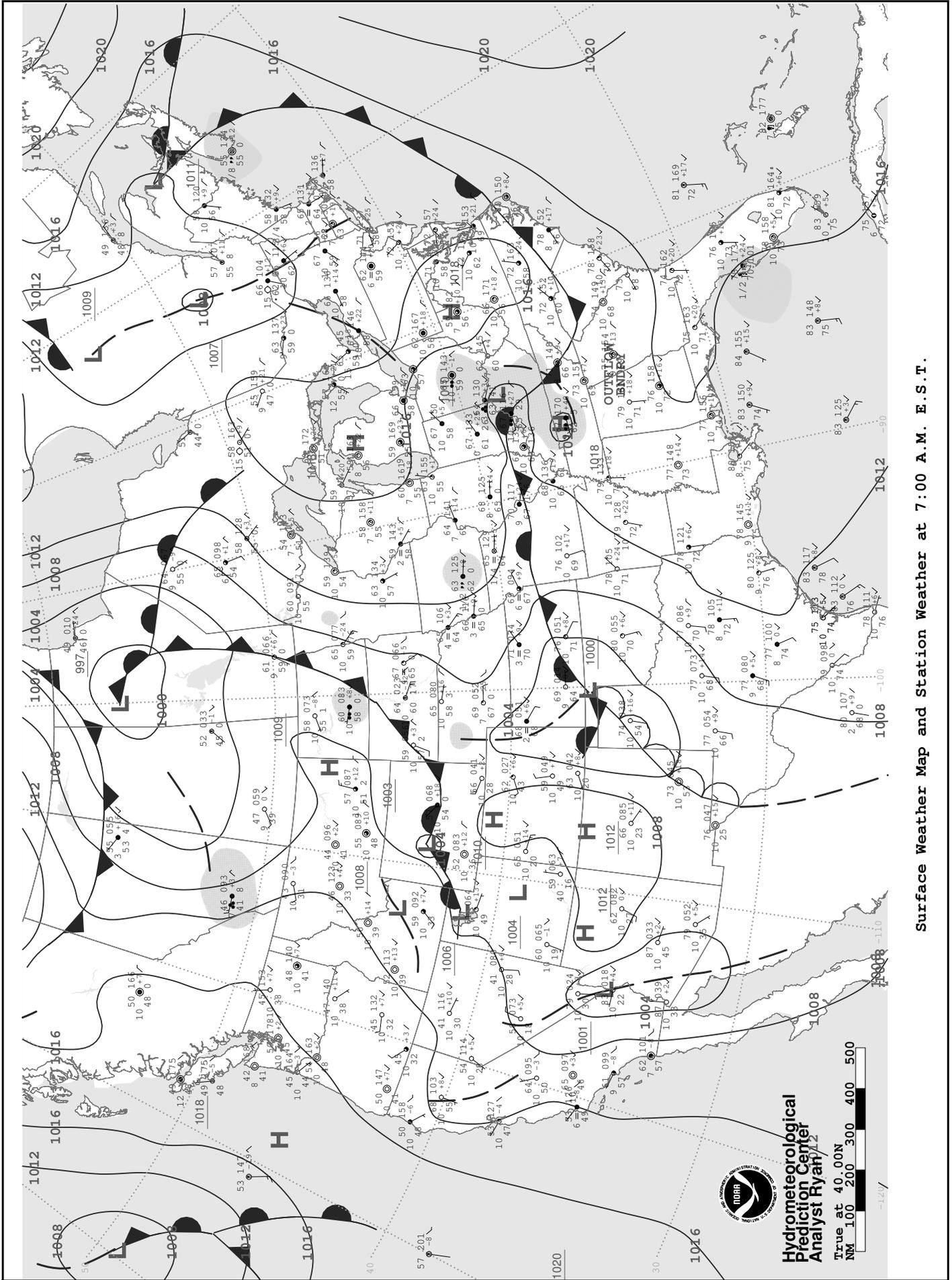
The station model diagram includes the following components and their meanings:

- Wind Direction:** Indicated by a line with a short feather (10 knots) and a long feather (5 knots).
- Current Temperature (in °F):** Represented by the number 'dd'.
- Visibility (in miles):** Represented by the number 'V'.
- Present Weather Symbol:** Represented by a circle with a vertical line through it.
- Dew Point Temperature:** Represented by the number 'TT'.
- 3-Digit Surface Pressure (in tenths):** Represented by the number 'PPP'.
- 3 Hour Pressure Tendency (in tenths):** Represented by the number 'PP'.
- 3 Hour Total Precipitation (in hundredths of an inch):** Represented by the number 'RR'.
- Sky Cover:** Represented by a circle with a horizontal line through it.

FRIDAY, JUNE 24, 2011



Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.

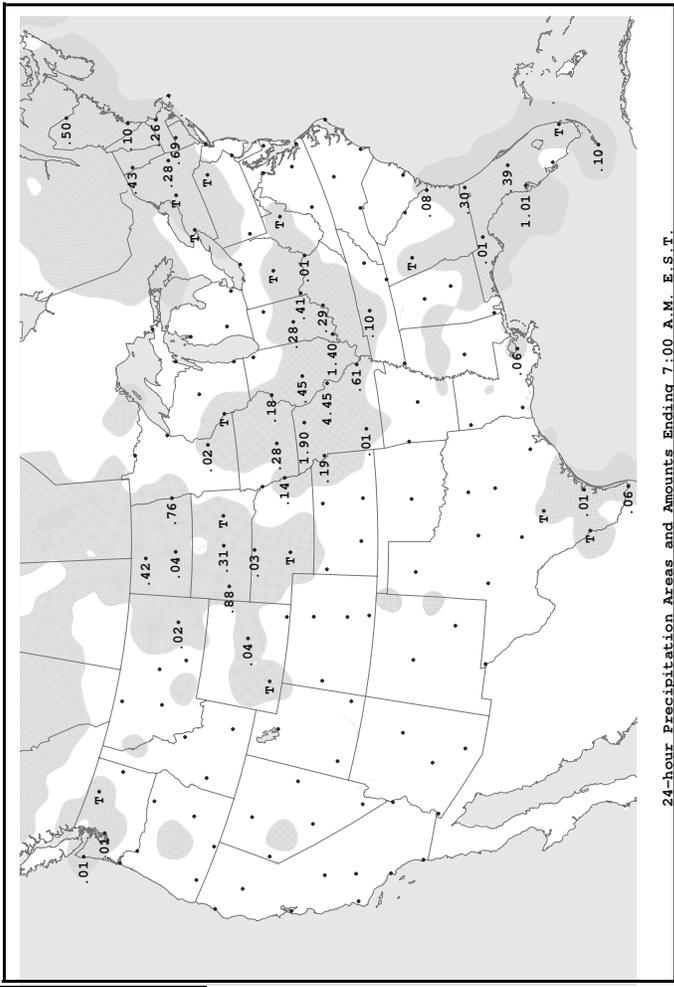
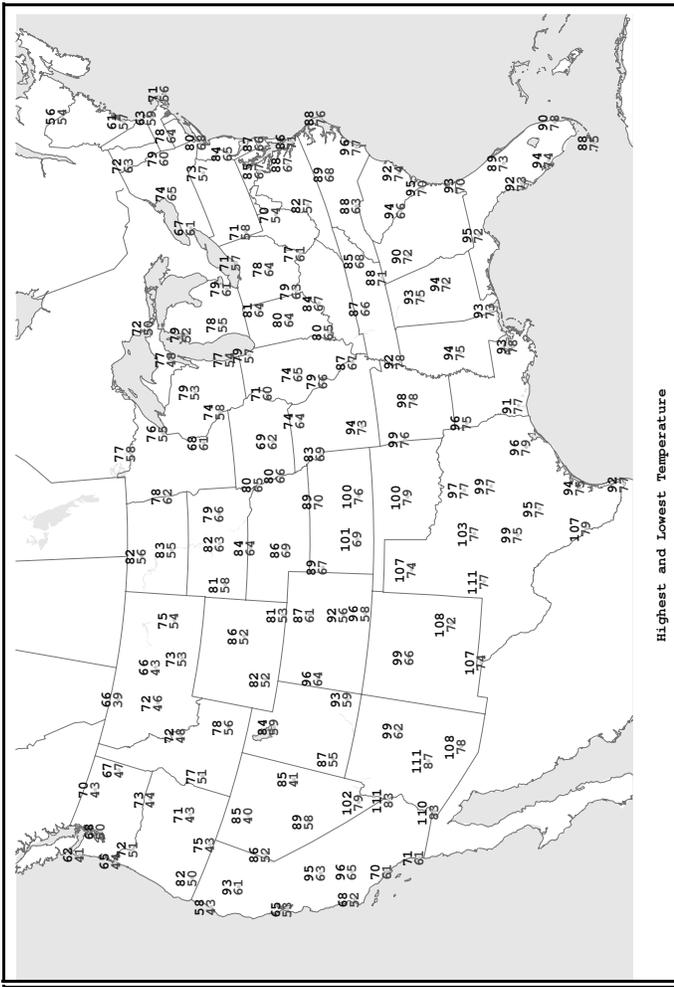
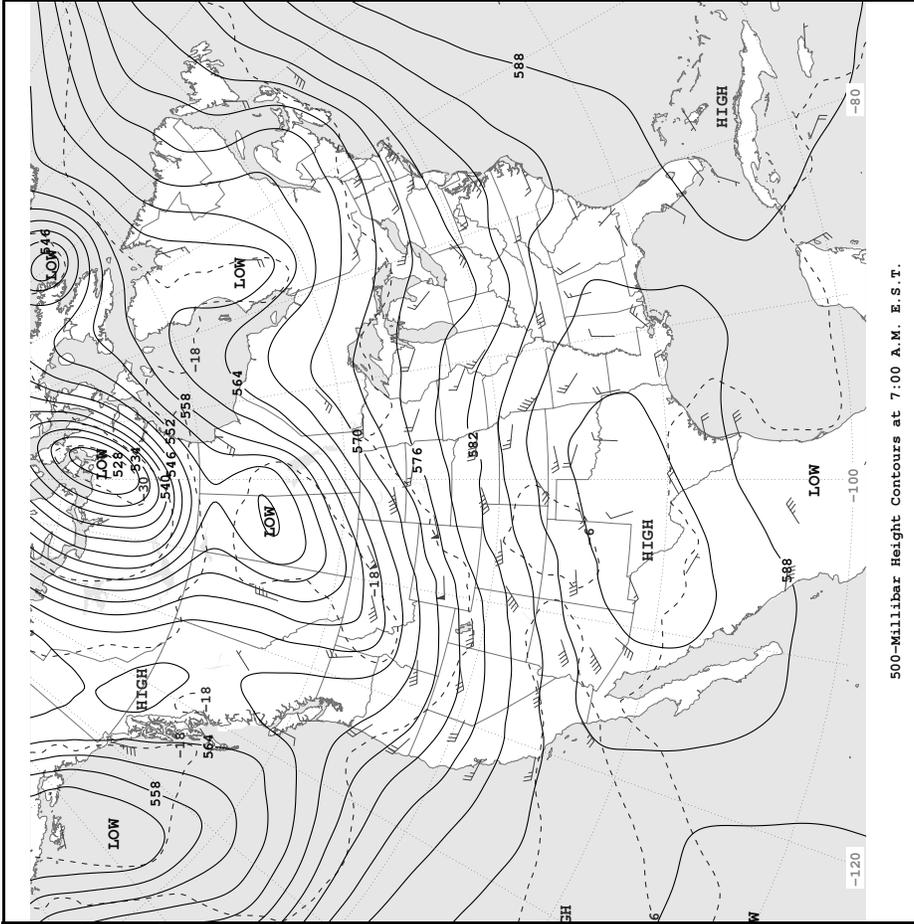


Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.

Hydrometeorological
Prediction Center
Analyst Ryan

True at 40.00N
NM 100 200 300 400 500





Station Model

Wind Direction: Wind Speed: Long Feather - 10 knots, Short Feather - 5 knots

Current Temperature (in °F): ft

Visibility (in miles): Present Weather Symbol: 3-Digit Surface Pressure (in tenths): Ex: 989 = 998.9mb, 012 = 1001.2mb

Dew Point Temperature: 3 Hour Pressure Tendency (in tenths): 6 Hour Total Precipitation (in hundredths of an inch): Sky Cover:

SUNDAY, JUNE 26, 2011

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Effective June 20, 2011, minor changes were made to two charts in this publication.

Maximum and minimum temperature chart

The appearance and information on the chart will not change but the time period used to determine maximum and minimum temperatures will change to:

Maximum temperature - 7:00 a.m. to 7:00 p.m. Local Standard Time

Minimum temperature - 7:00 p.m. to 8:00 a.m. Local Standard Time

These times are consistent with National Weather Service definitions of maximum and minimum temperatures

Precipitation chart

The plotted data will remain the same and depict the 24 hour precipitation ending at 1200 UTC or 7 a.m. EST. The only change is that shading of areas where precipitation has fallen will be more detailed.