



# Daily Weather Maps

NOVEMBER 14, 2011 - NOVEMBER 20, 2011

Week 46

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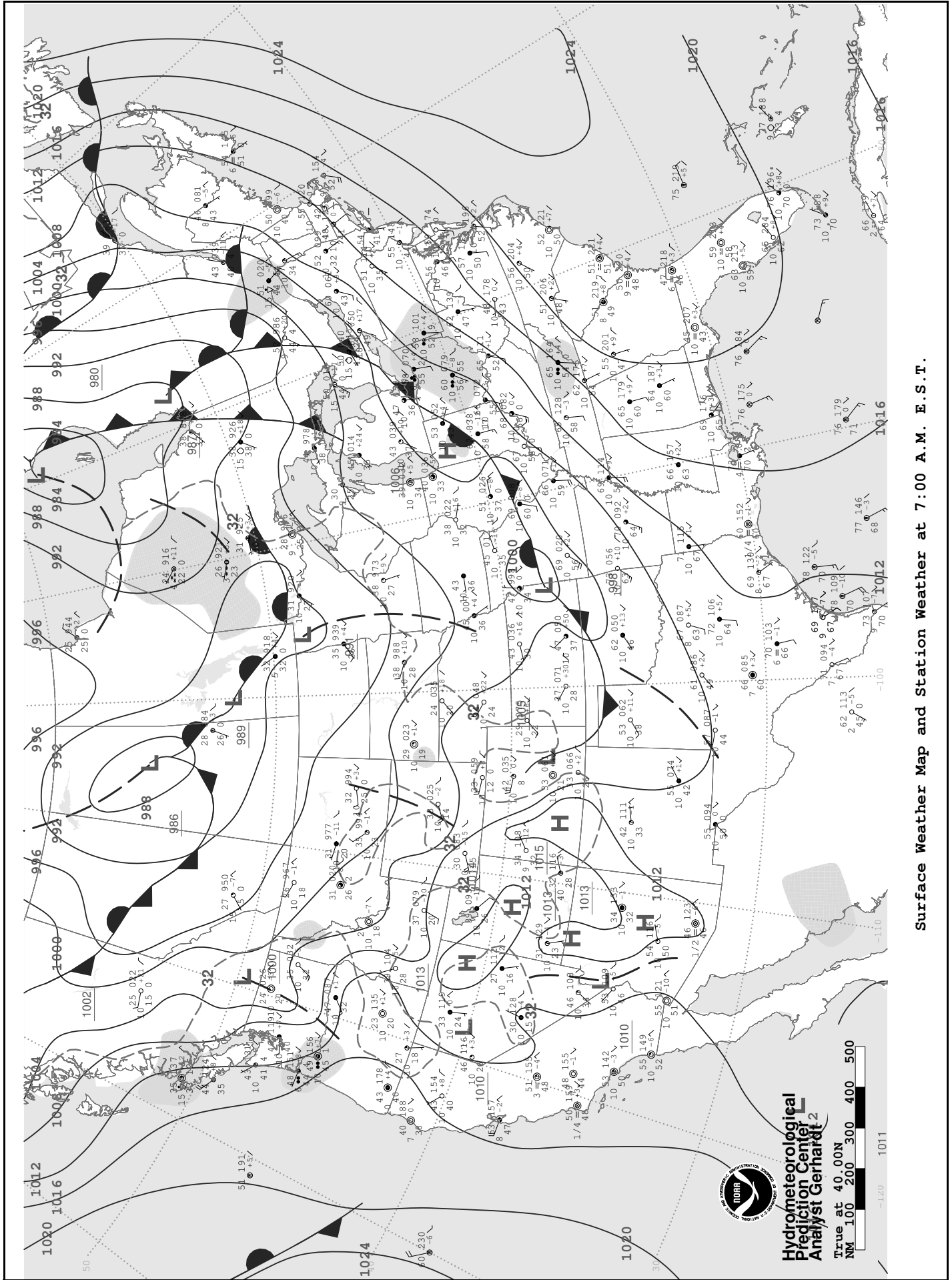
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Correspondence to the meteorologists should be directed to: *Daily Weather Map*, NOAA/National Weather Service, Room 410, 5200 Auth Rd, Camp Springs, MD 20746.

The *Daily Weather Map* is available online at [www.hpc.ncep.noaa.gov/dwm/dwm.shtml](http://www.hpc.ncep.noaa.gov/dwm/dwm.shtml).

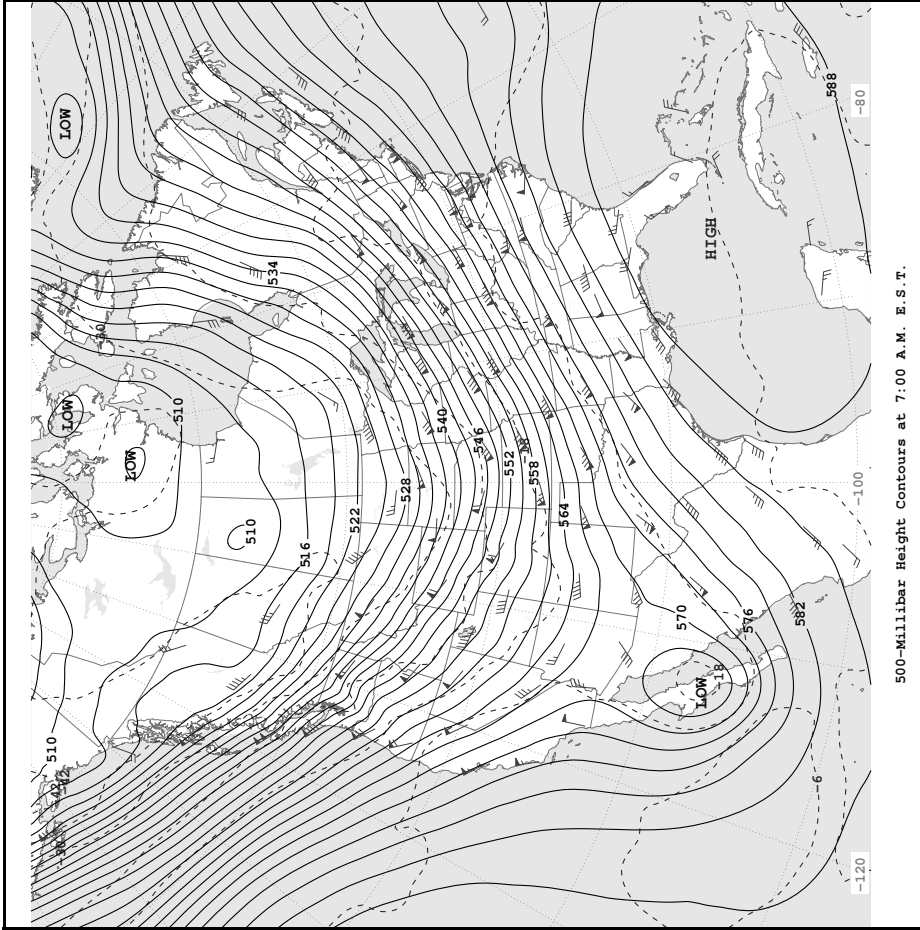
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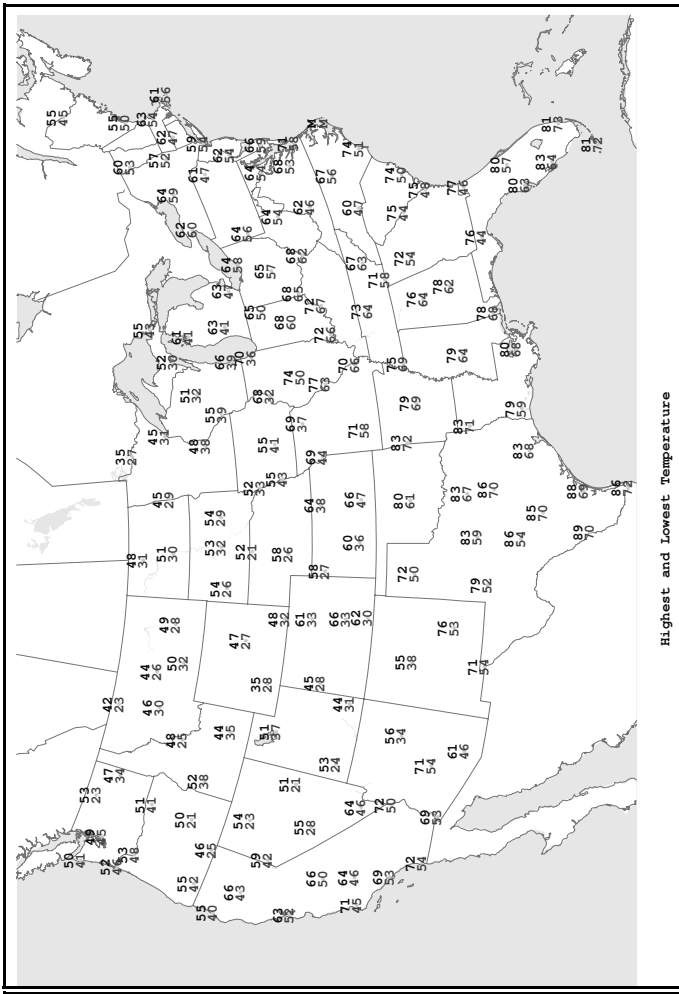
Hydrometeorological  
Prediction Center  
Analyst Gerhardt 2

True at 40.00N  
NM 100 200 300 400 500

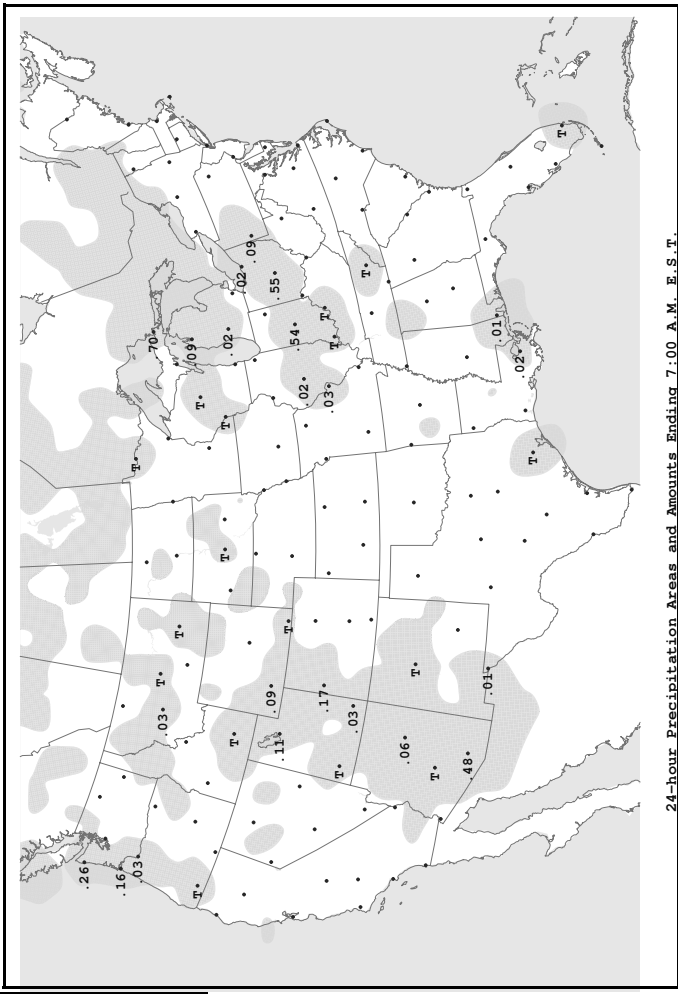
Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.



500-Millibar Height Contours at 7:00 A.M. E.S.T.



Highest and Lowest Temperature

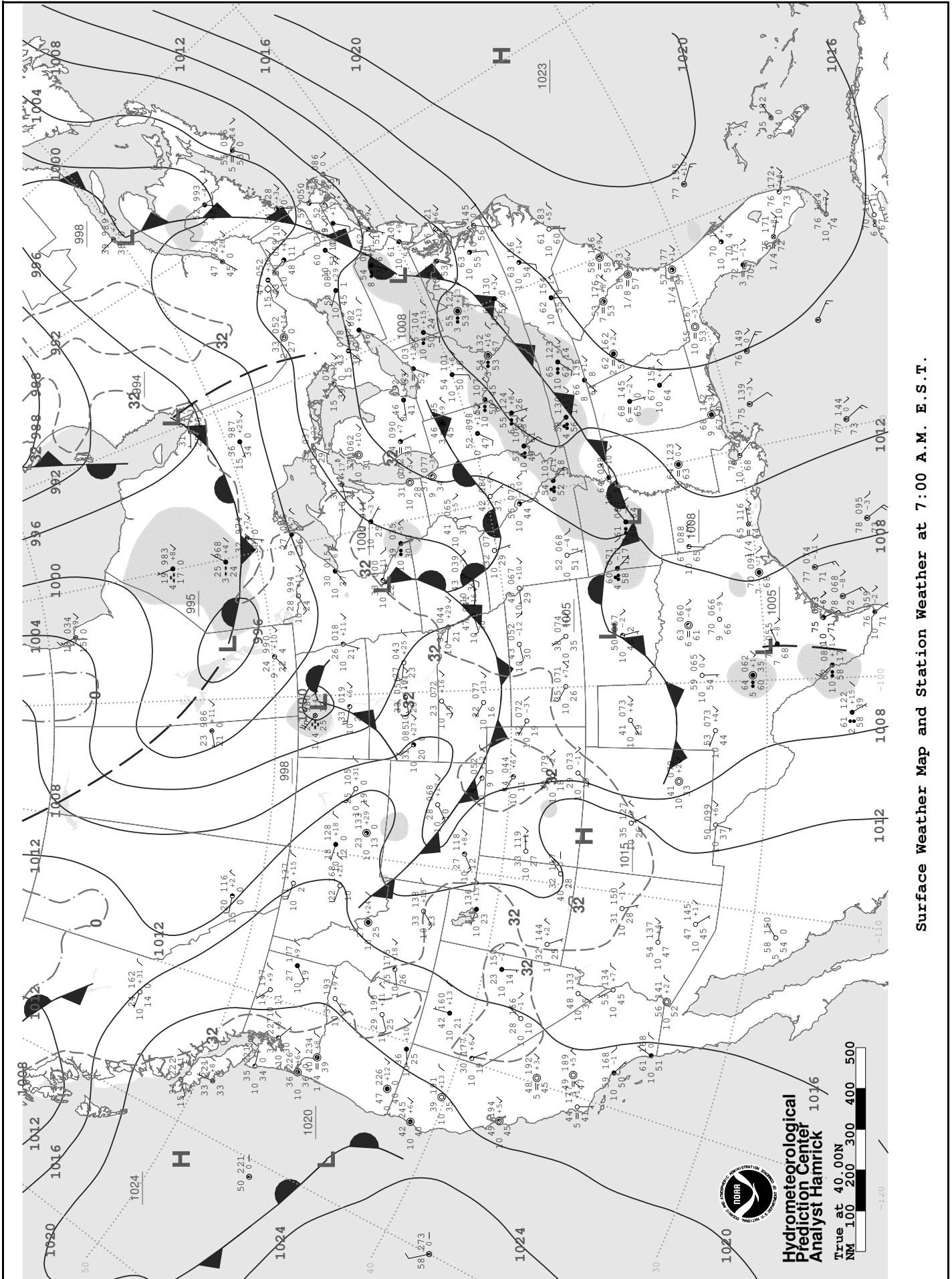


24-hour Precipitation Areas and Amounts Ending 7:00 A.M. E.S.T.

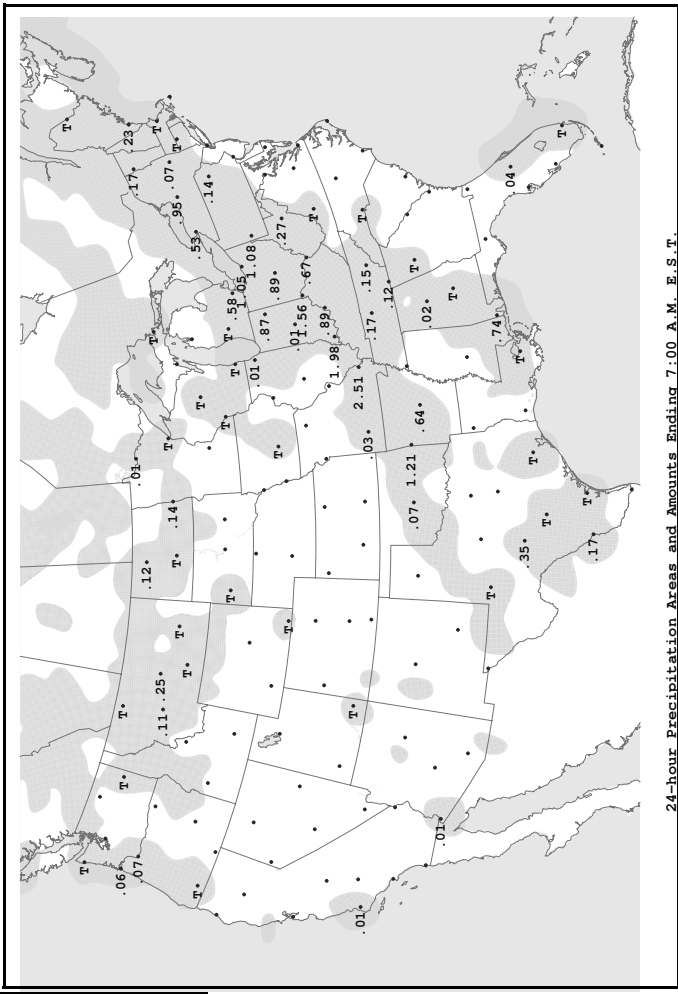
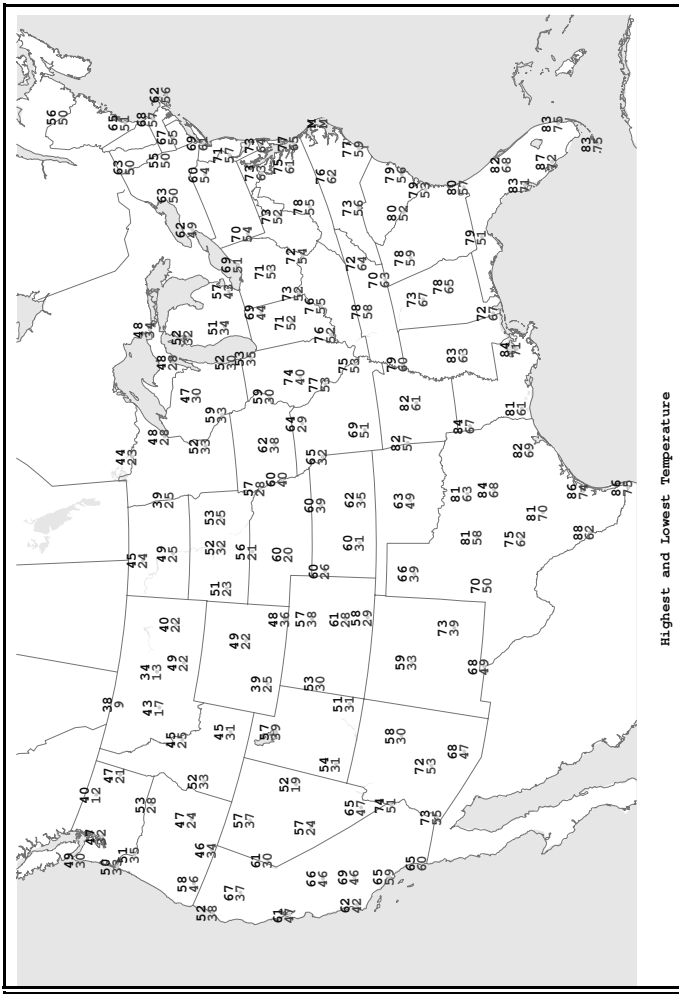
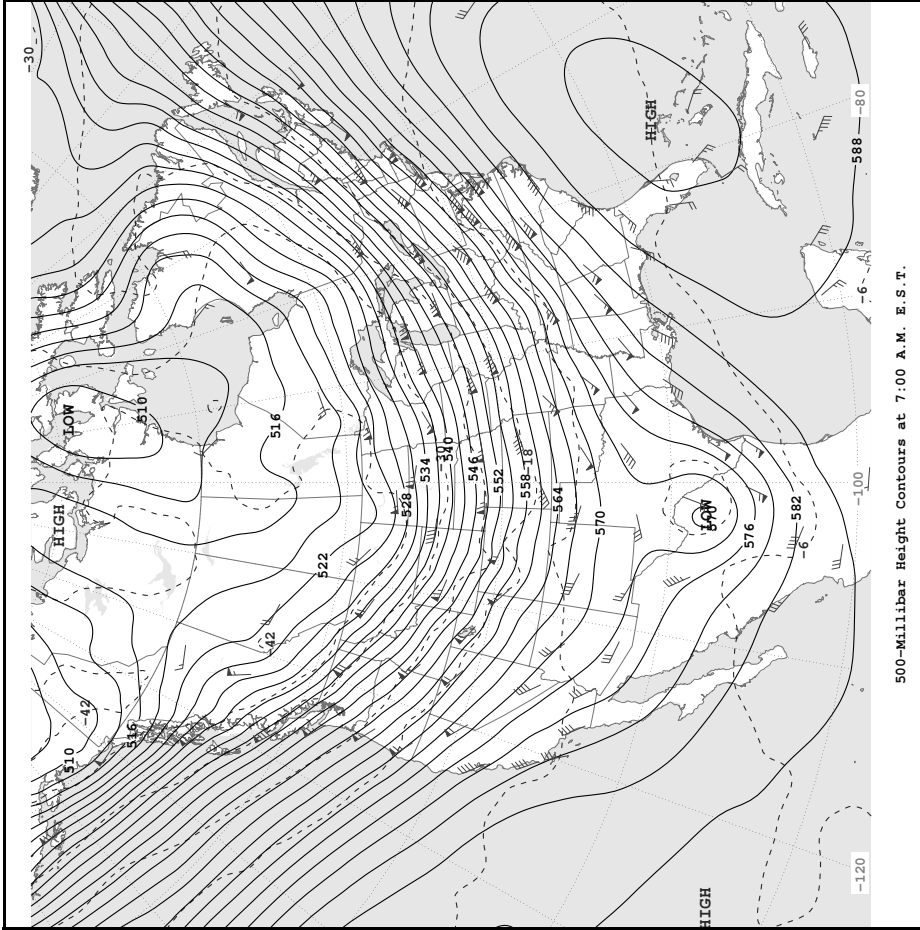
**Station Model**

- Wind Direction
- Wind Speed
- Long Feather - 10 knots
- Short Feather - 5 knots
- Current Temperature (in °F)
- dd
- TT
- Visibility (in miles)
- V
- WW
- Present Weather Symbol
- TD
- Dew Point Temperature
- RR
- Sky Cover
- 3-Digit Surface Pressure (in tenths). Ex: 989 = 998.9mb, 012 = 1001.2mb
- PPP
- PP a
- 3 Hour Pressure Tendency (in tenths)
- 3 Hour Total Precipitation (in hundredths of an inch)
- RR
- 6 Hour Total Precipitation (in hundredths of an inch)
- ff

# MONDAY, NOVEMBER 14, 2011



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



**Station Model**

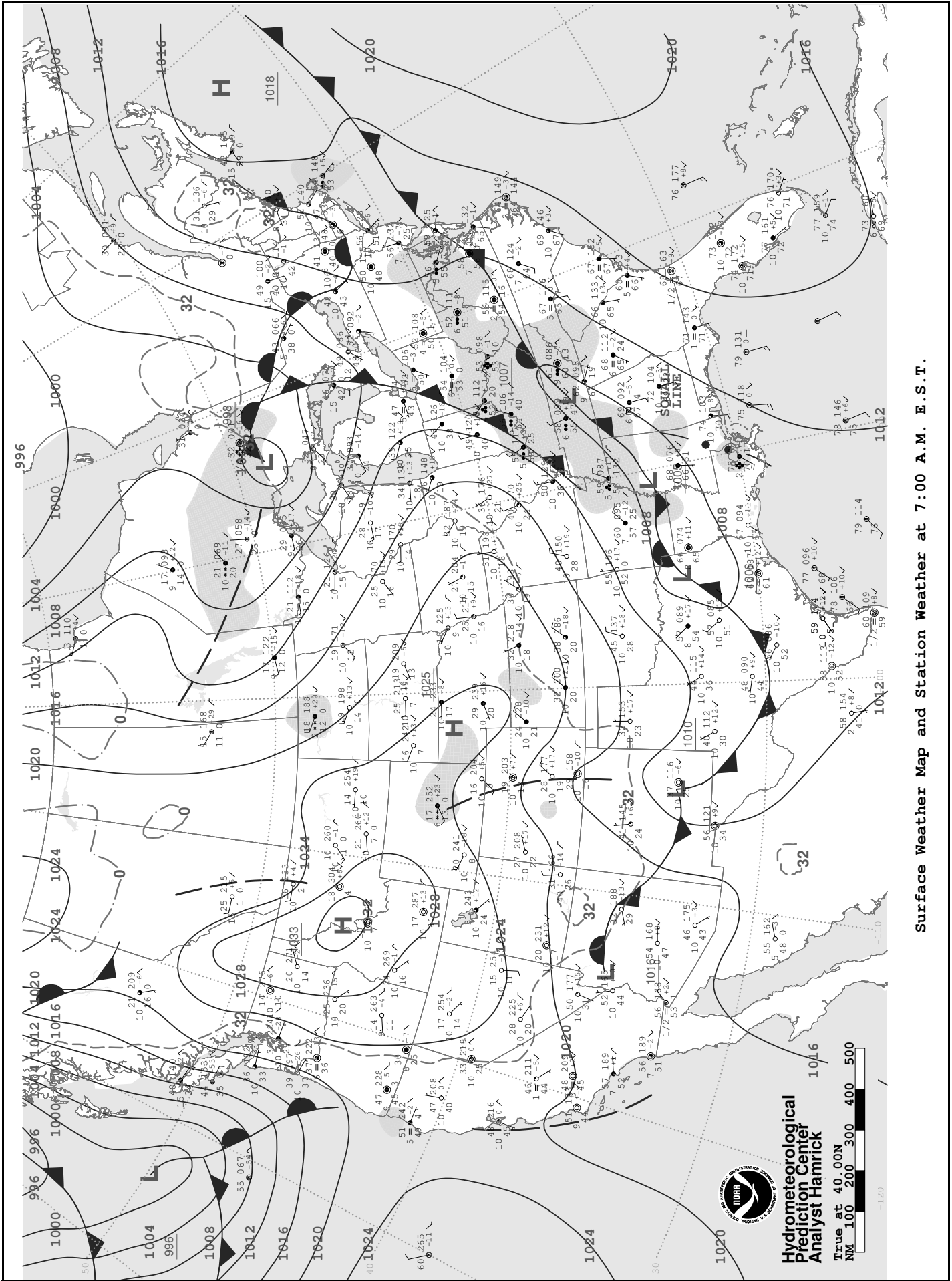
Wind Direction: **ff** — Wind Speed  
 Long Feather - 10 knots  
 Short Feather - 5 knots

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

Visibility (in miles): **TT** — Present Weather Symbol: **PP**

Dew Point Temperature: **V** — 3 Hour Pressure Tendency (in tenths): **PP a** — 6 Hour Total Precipitation (in hundredths of an inch): **RR** — Sky Cover

# TUESDAY, NOVEMBER 15, 2011

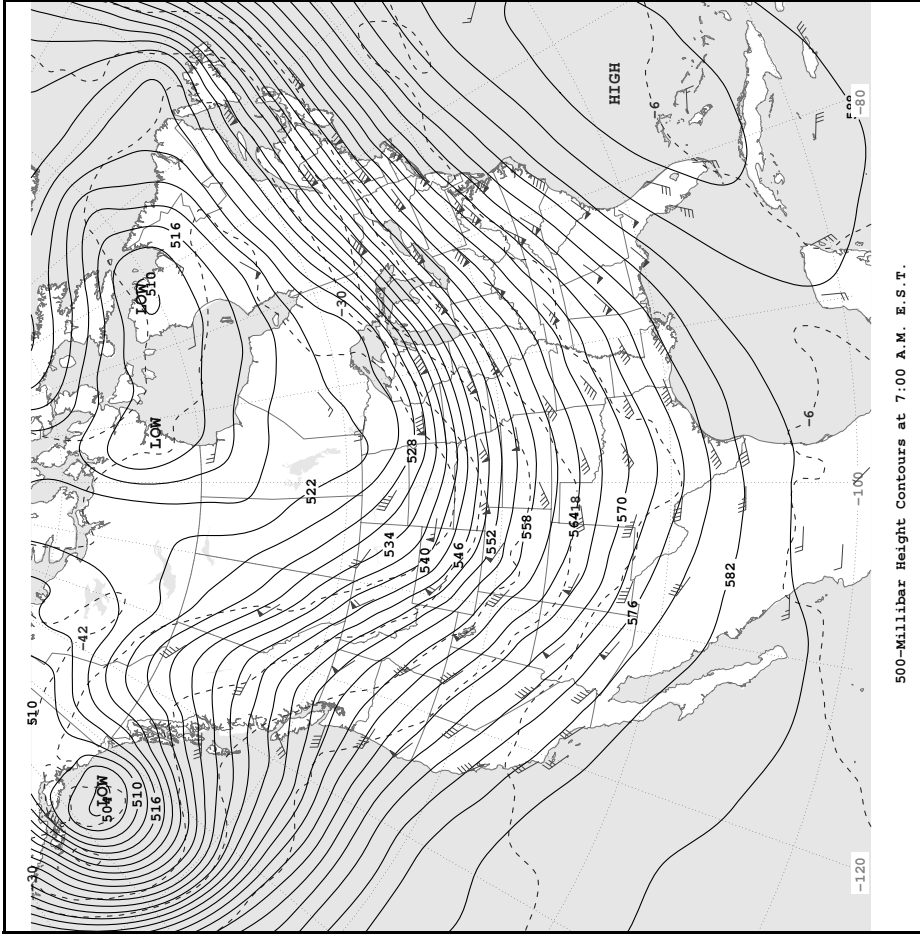


Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.

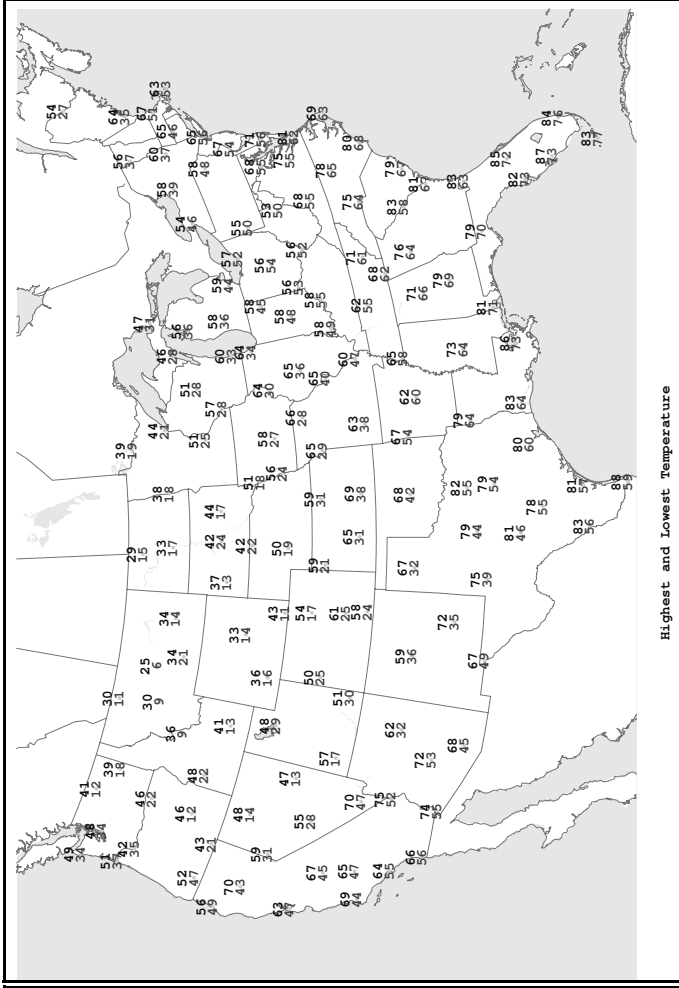
Hydrometeorological  
Prediction Center  
Analyst Hamrick

True at 40.00N  
NM 100 200 300 400 500

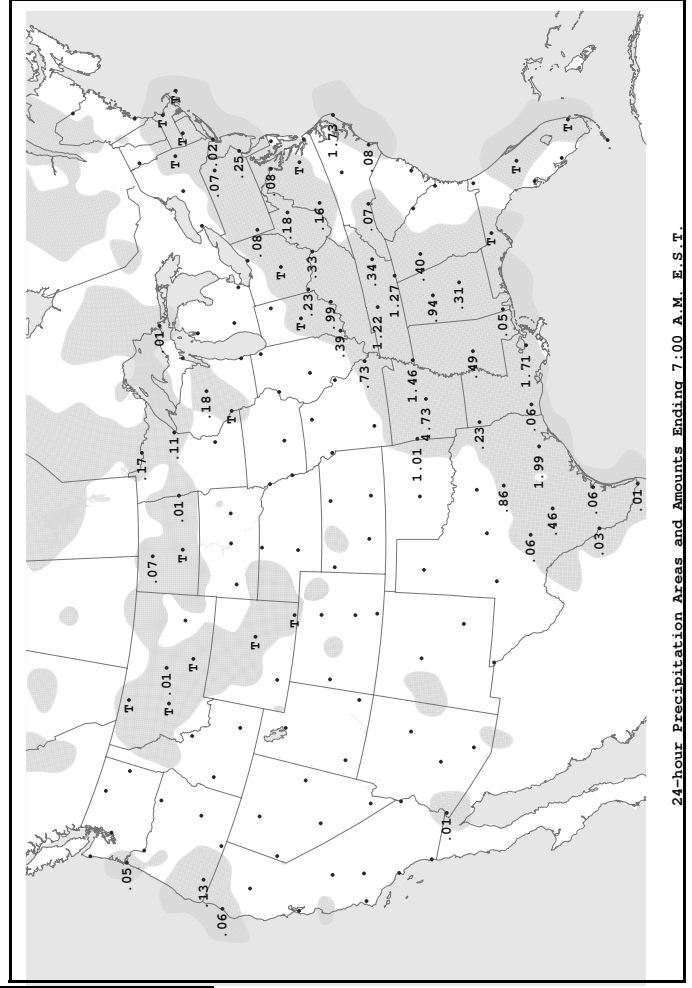




500-Millibar Height Contours at 7:00 A.M. E.S.T.



Highest and Lowest Temperature



24-hour Precipitation Areas and Amounts Ending 7:00 A.M. E.S.T.

**Station Model**

Wind Direction: dd

Wind Speed: ff

Current Temperature (in °F): F

Visibility (in miles): V

Present Weather Symbol: PP

Dew Point Temperature: TT

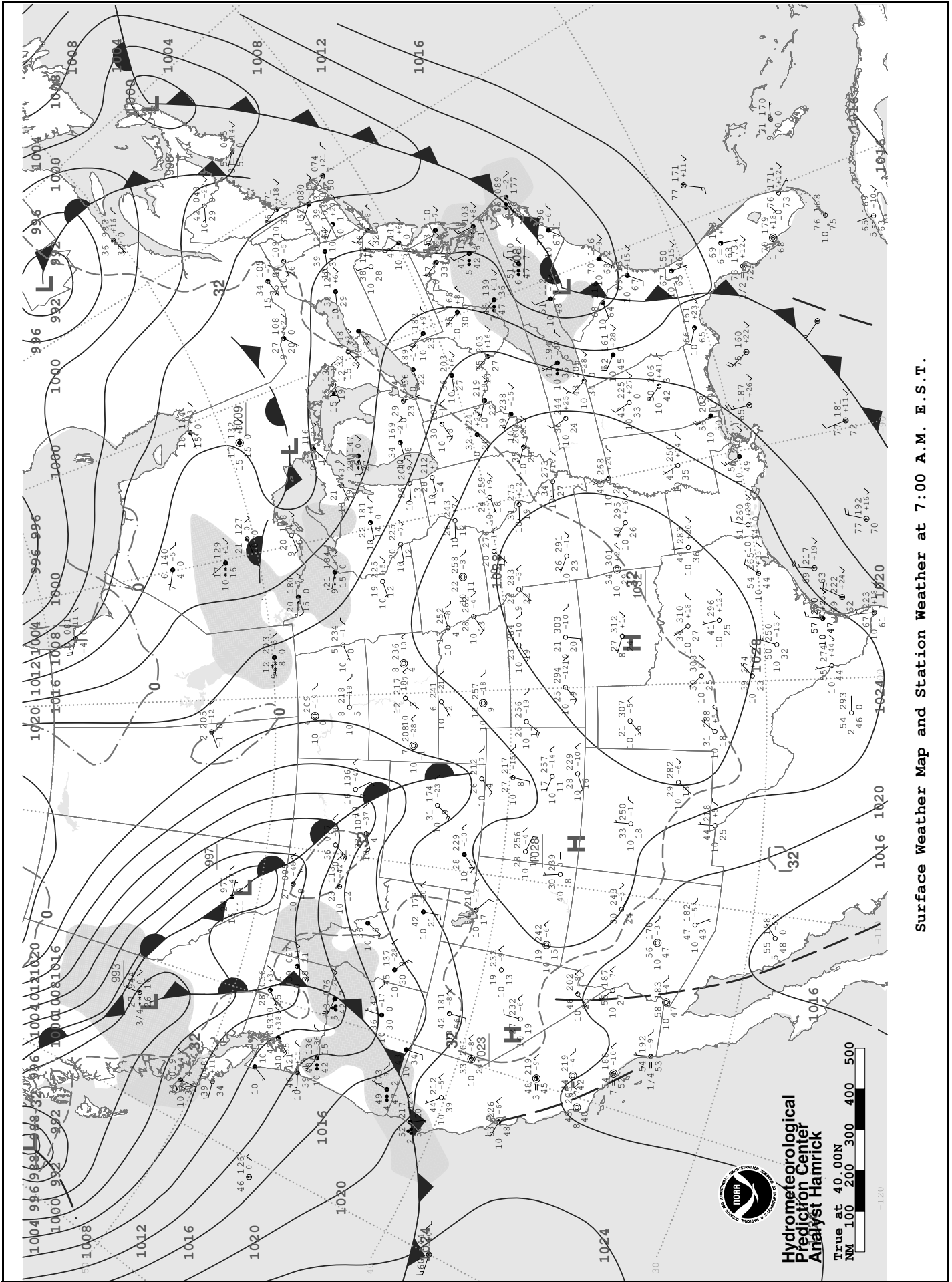
3-Digit Surface Pressure (in tenths): PPP

3 Hour Pressure Tendency (in tenths): PP a

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

Sky Cover: Sky\_Cover

# WEDNESDAY, NOVEMBER 16, 2011

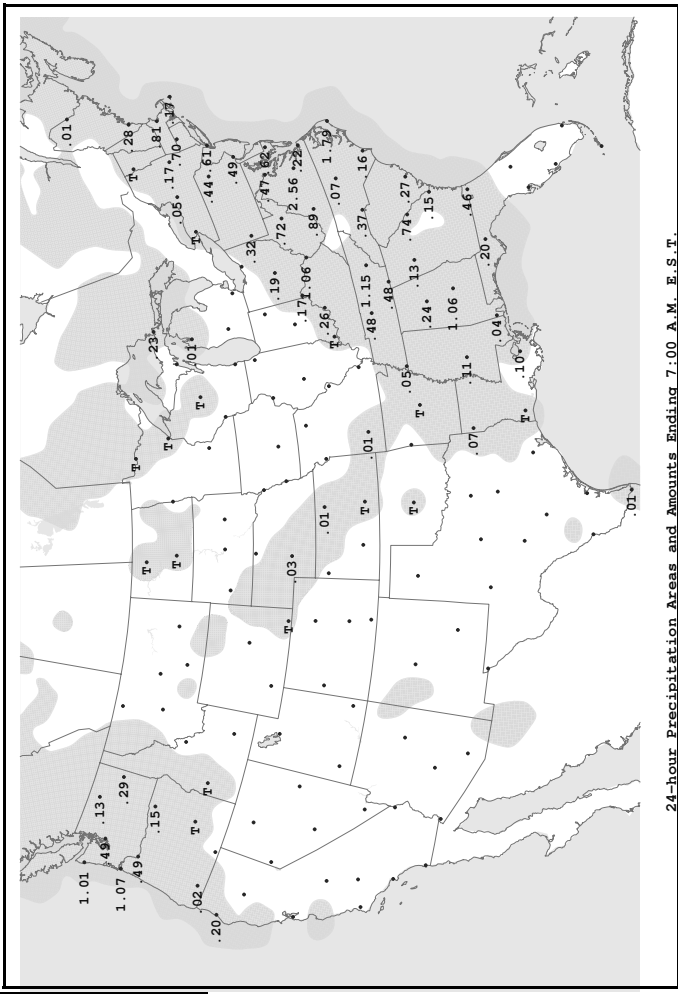
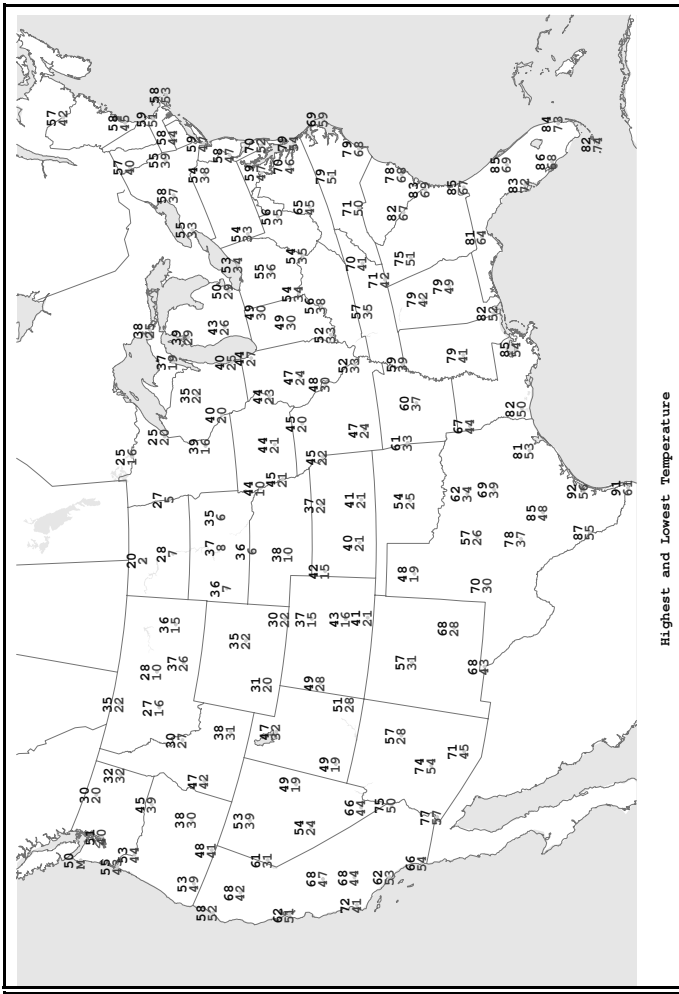
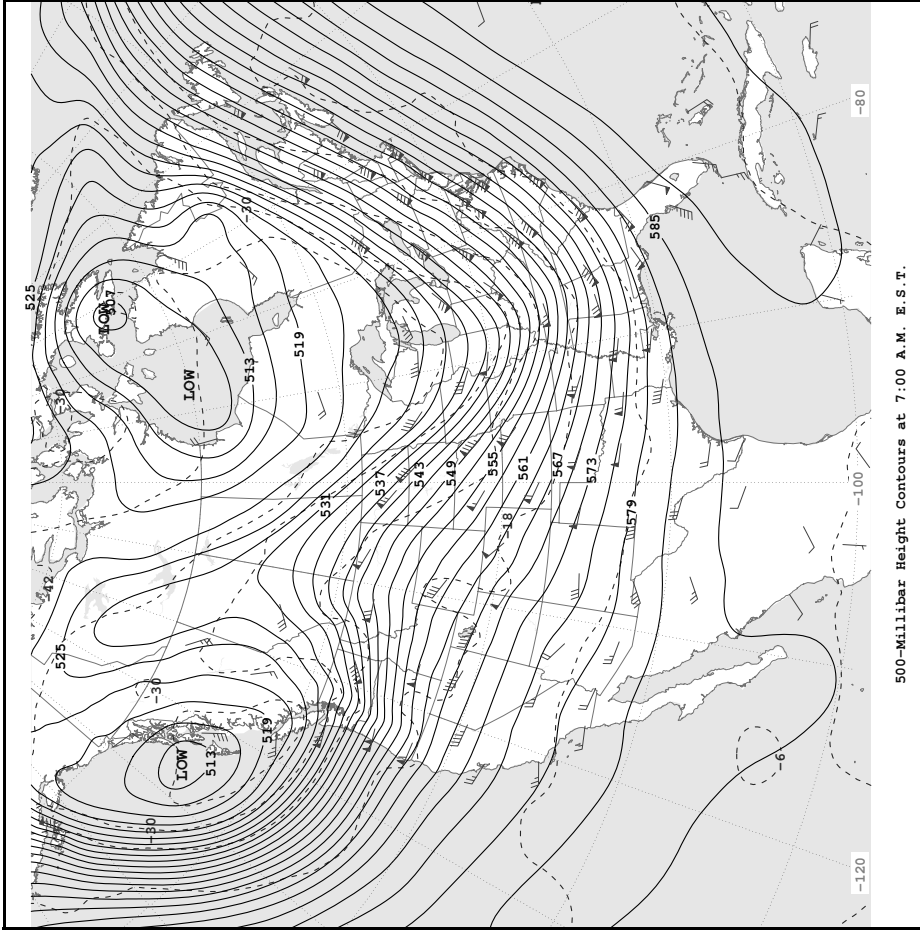


Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.

Hydrometeorological  
Prediction Center  
Analyst Hamrick

True at 40.00N  
NM 100 200 300 400 500





**Station Model**

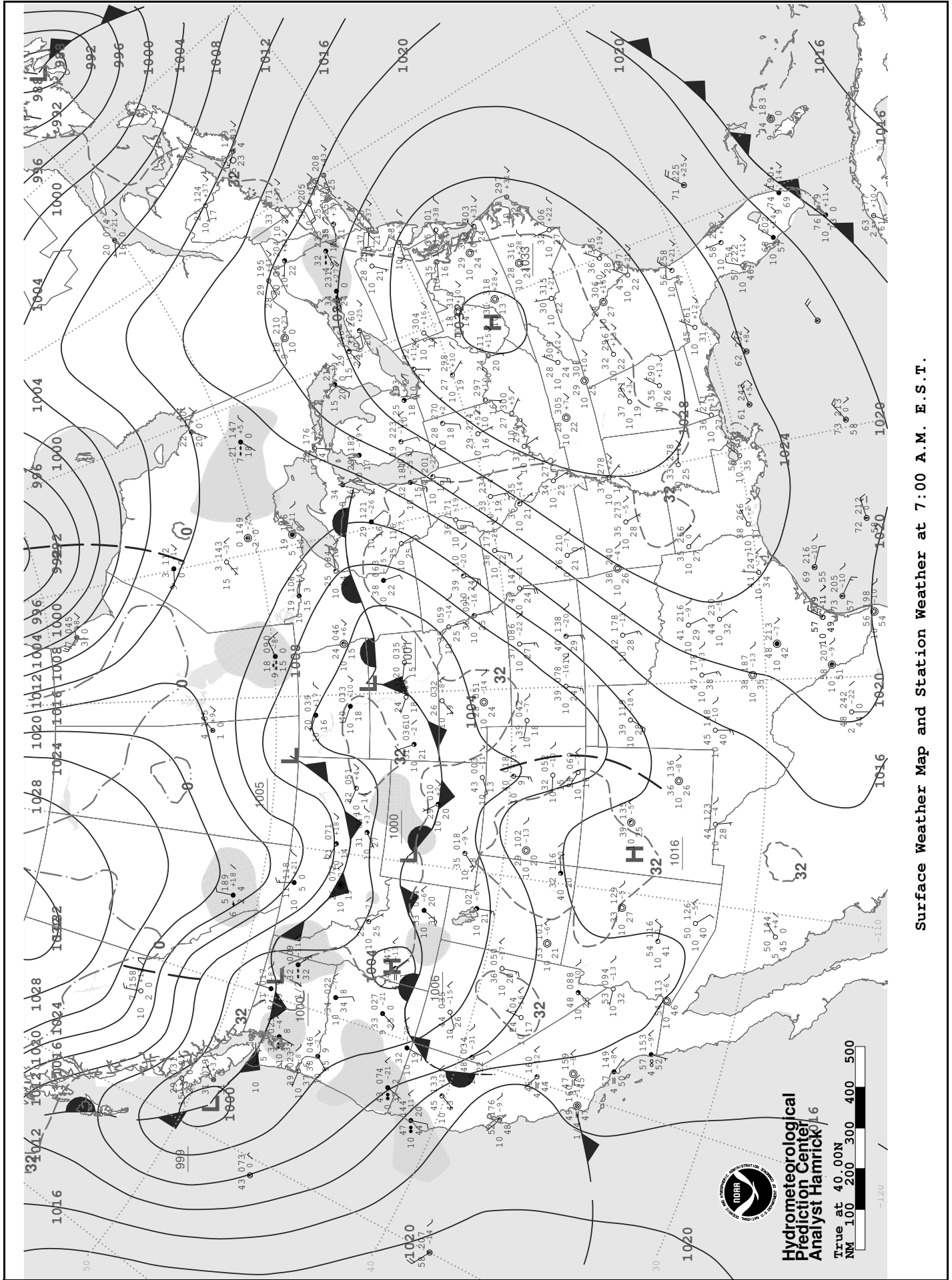
Wind Direction: **ff** — Wind Speed  
 Long Feather - 10 knots  
 Short Feather - 5 knots

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

Visibility (in miles): **TT** — Present Weather Symbol: **PP** — Dew Point Temperature: **PP a** — Sky Cover: **RR**

3 Hour Pressure Tendency (in tenths): **PP** — 6 Hour Total Precipitation (in hundredths of an inch): **RR**

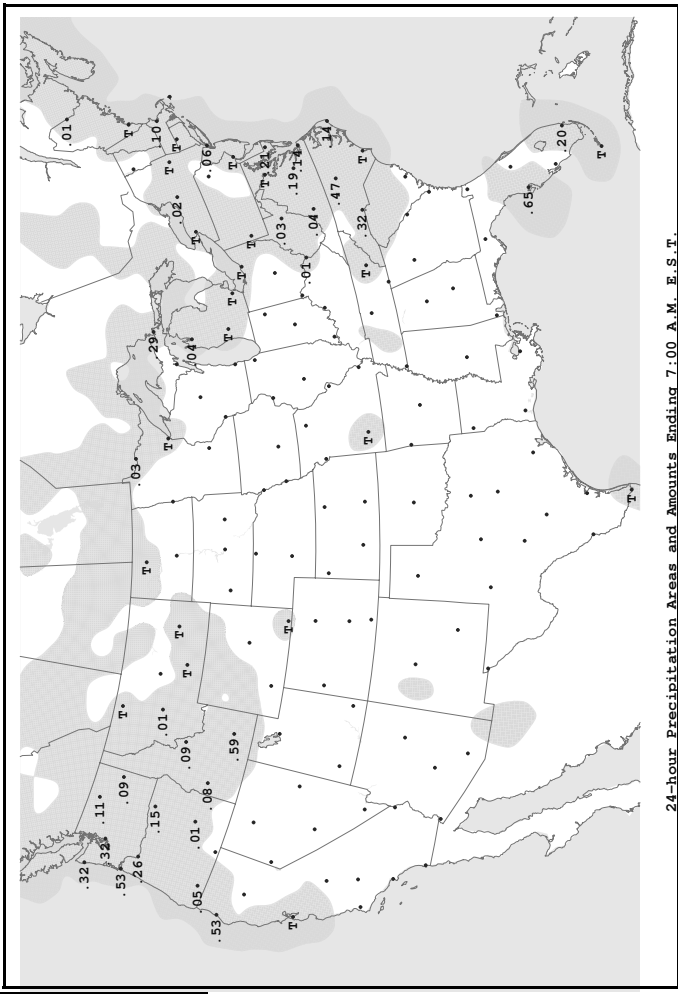
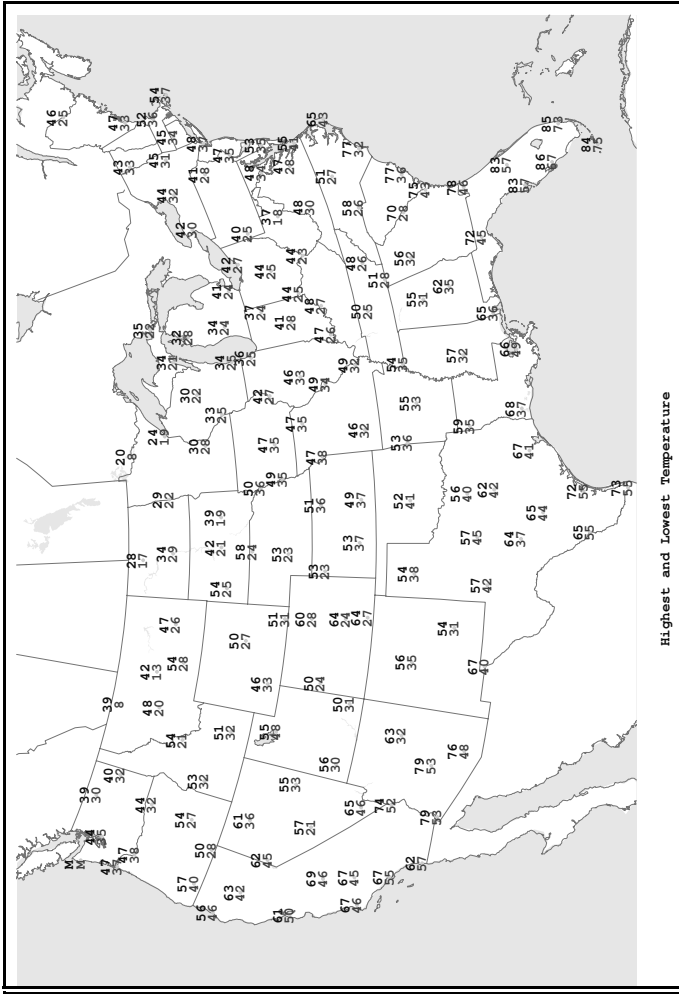
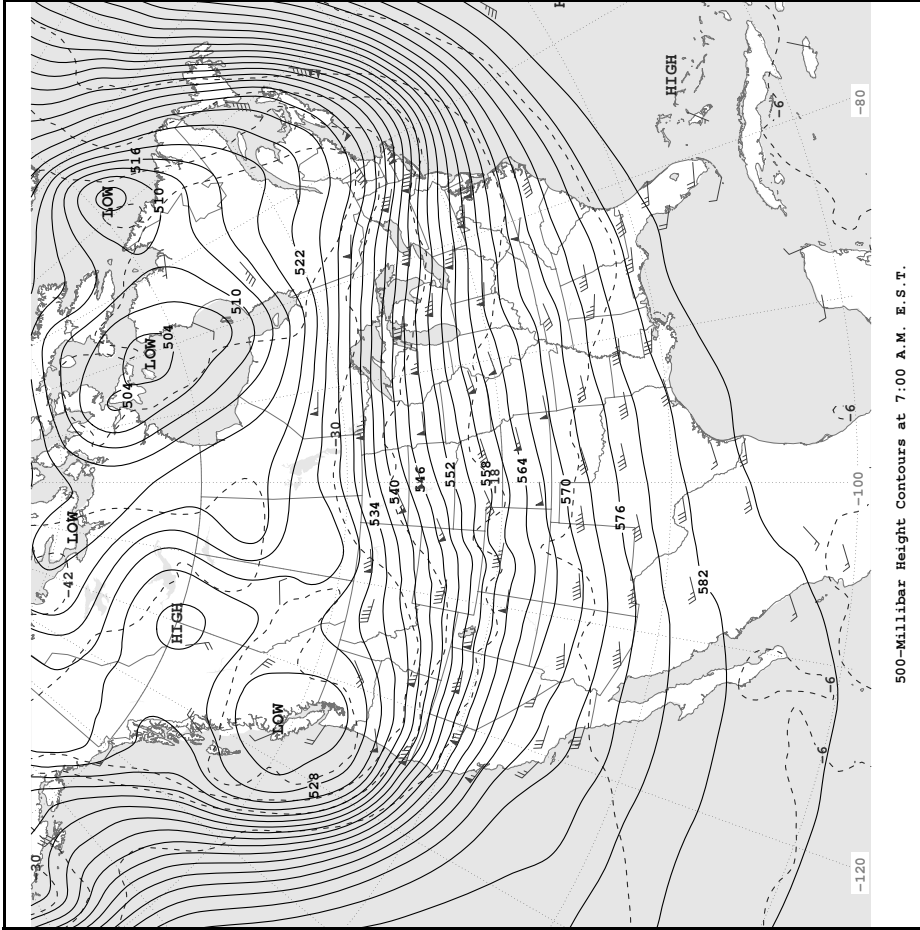
# THURSDAY, NOVEMBER 17, 2011



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

Hydrometeorological  
Prediction Center/  
Analyst Hamrick/L6

True at 40.00N  
NM 100 200 300 400 500

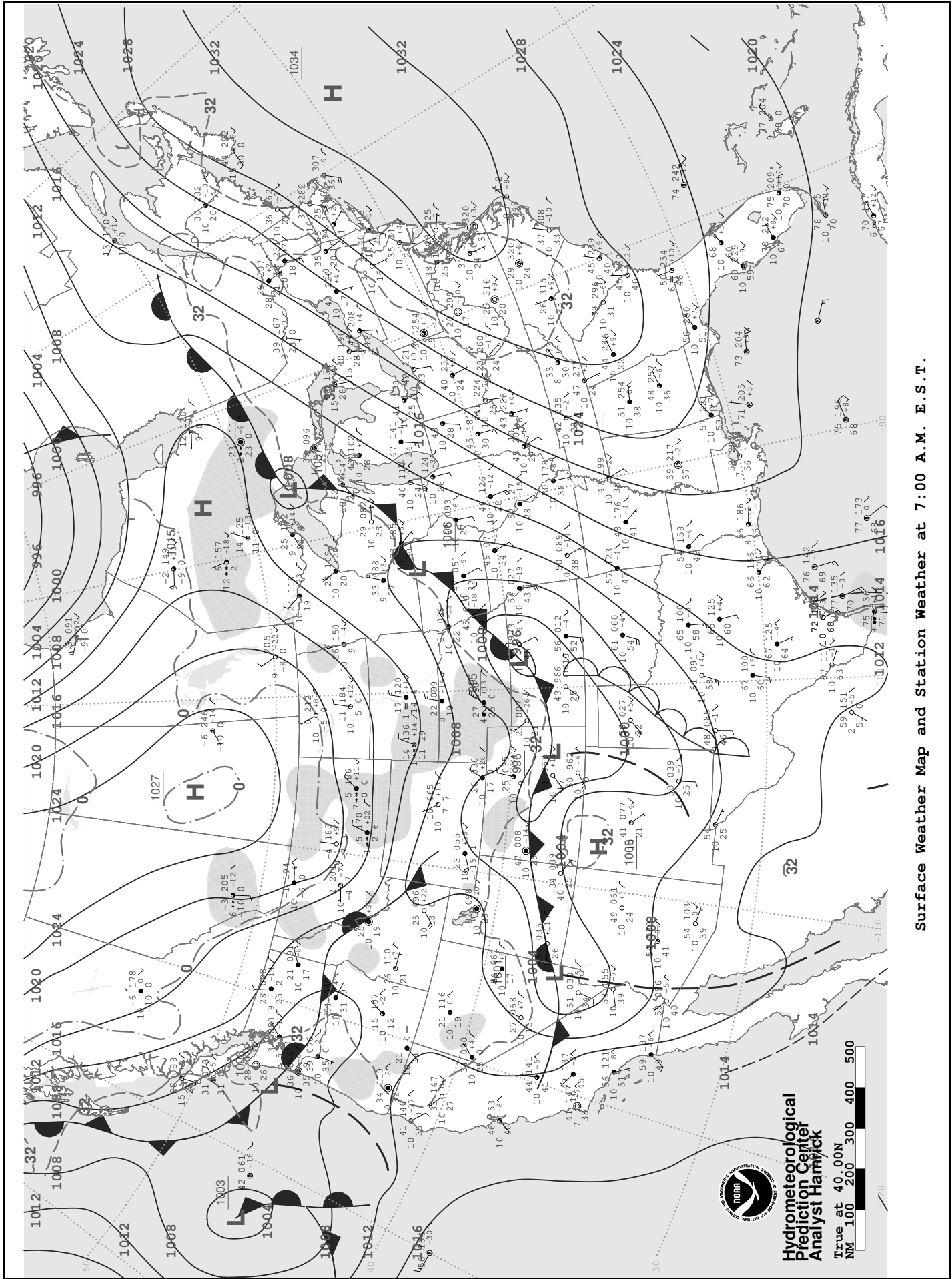


**Station Model**

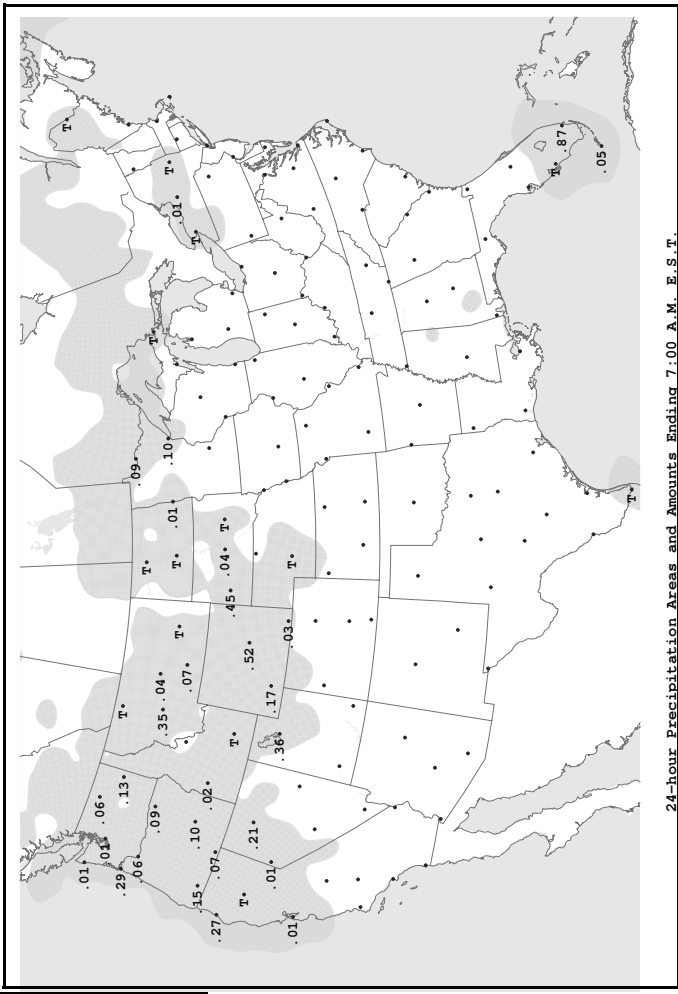
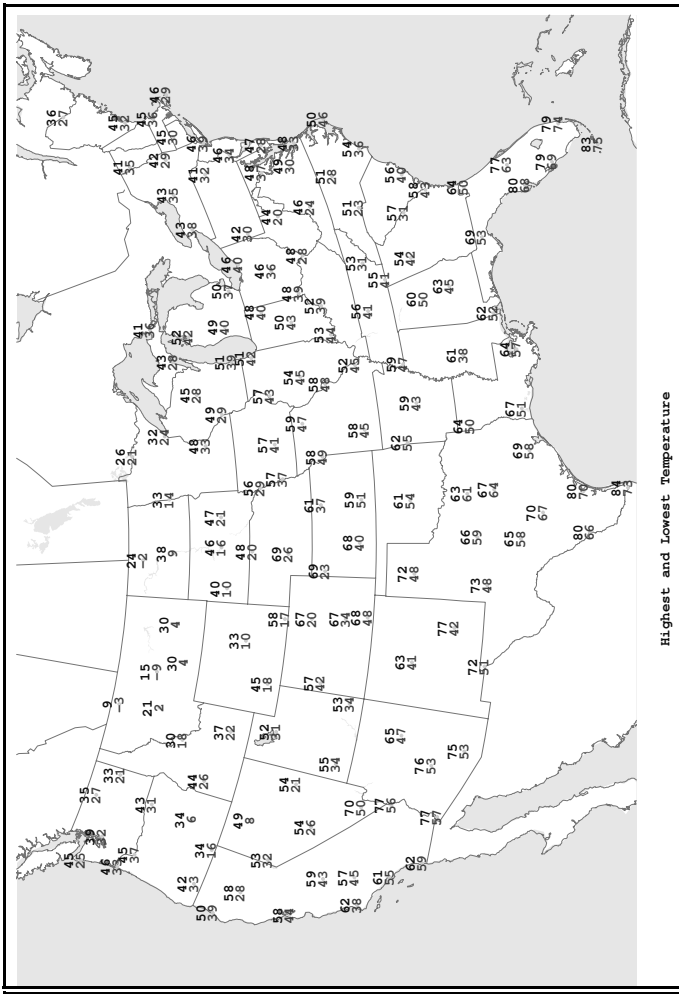
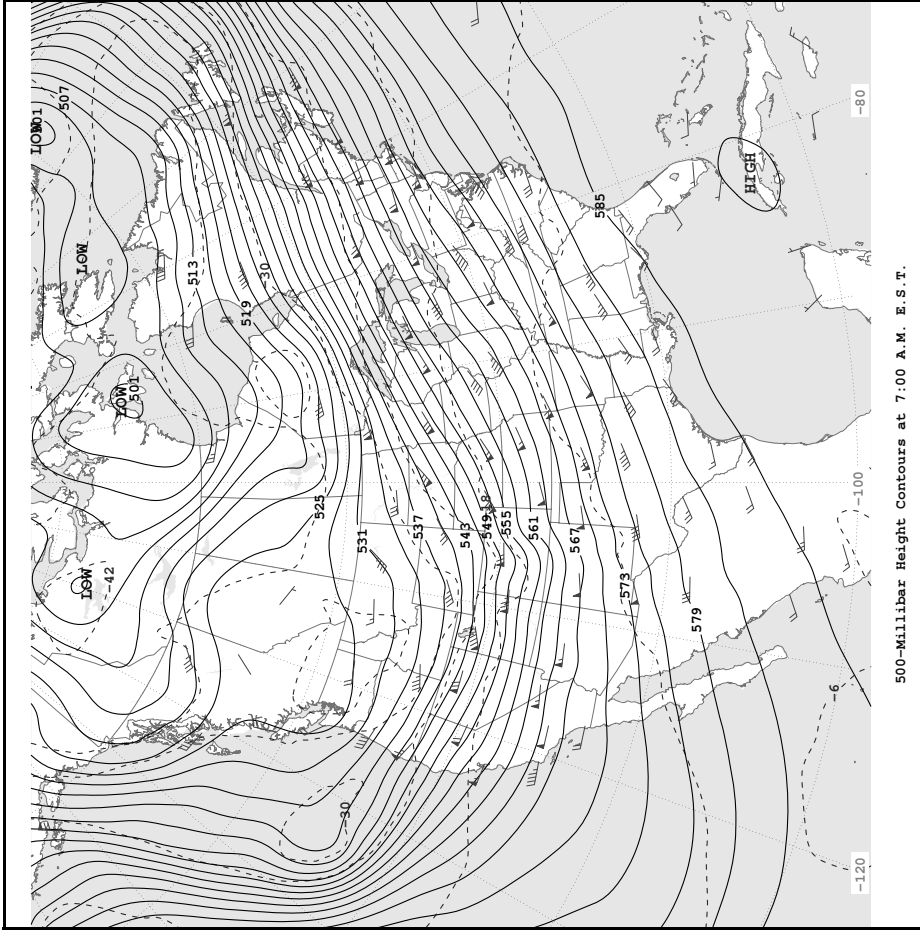
The station model diagram includes the following components and their corresponding symbols:

- Wind Direction:** Indicated by a line with a short feather (Long Feather - 10 knots) and a short feather (Short Feather - 5 knots).
- Current Temperature (in °F):** Represented by the number 'dd'.
- Visibility (in miles):** Represented by the letter 'V'.
- Present Weather Symbol:** Represented by a circle containing a symbol (e.g., 'F' for rain).
- Dew Point Temperature:** Represented by the number 'TT'.
- Wind Speed:** Represented by the number 'ff'.
- 3-Digit Surface Pressure (in tenths):** Represented by the number 'PPP'.
- 3 Hour Pressure Tendency (in tenths):** Represented by the number 'PP a'.
- 6 Hour Total Precipitation (in hundredths of an inch):** Represented by the number 'RR'.
- Sky Cover:** Represented by a horizontal line with a vertical tick mark.

# FRIDAY, NOVEMBER 18, 2011



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

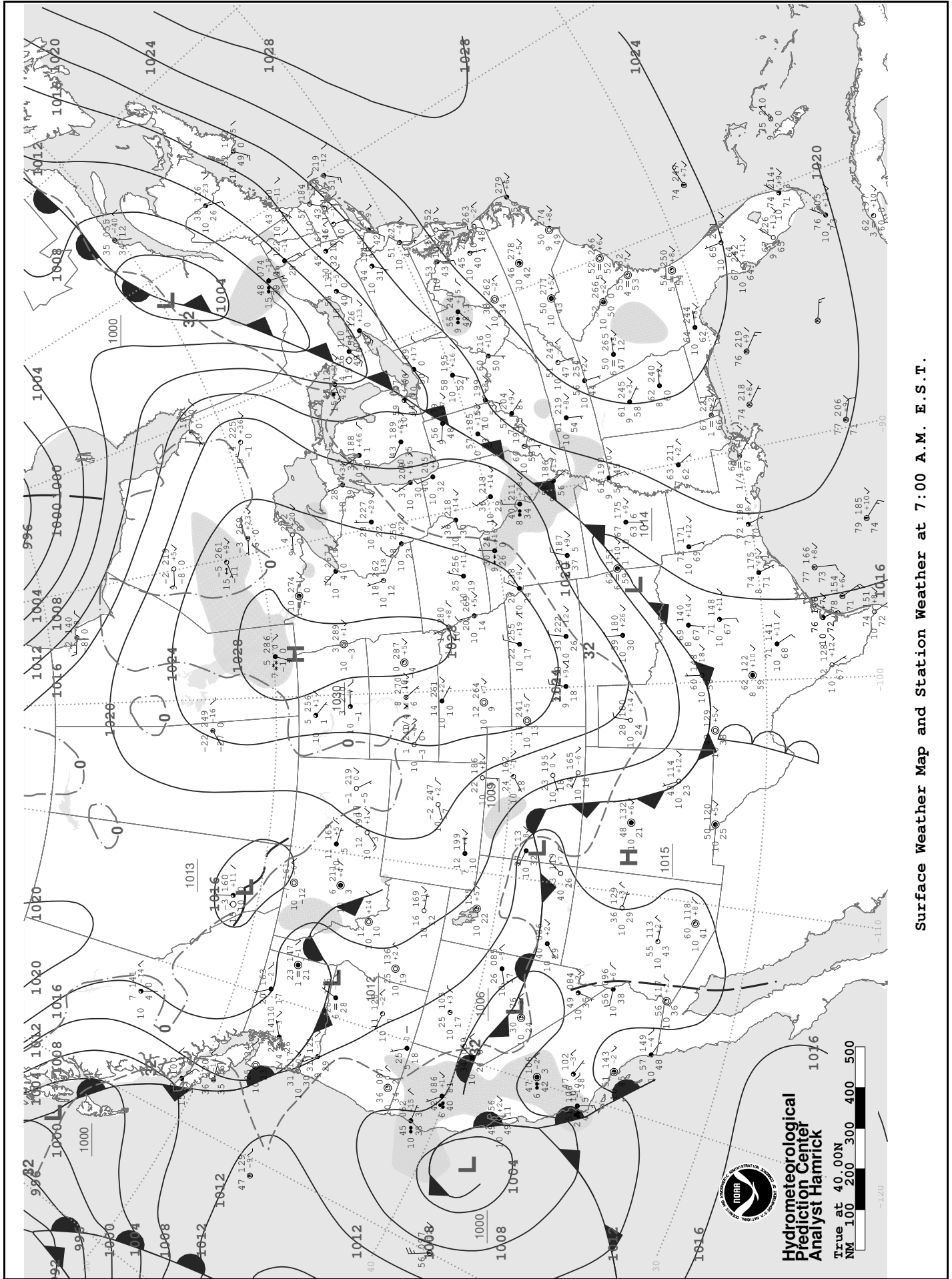


**Station Model**

The station model diagram consists of several symbols and lines representing different weather parameters:

- Wind Direction:** A line with a short feather pointing in the direction the wind is blowing from.
- Wind Speed:** The length of the long feather represents 10 knots, and the short feather represents 5 knots.
- Current Temperature (in °F):** A large number 'F'.
- Visibility (in miles):** A number 'V'.
- Present Weather Symbol:** A circle containing a symbol representing the current weather condition.
- Dew Point Temperature:** A number 'DD'.
- 3-Digit Surface Pressure (in tenths):** A number 'PPP'.
- 3 Hour Pressure Tendency (in tenths):** A number 'PP'.
- 3 Hour Total Precipitation (in hundredths of an inch):** A number 'RR'.
- Sky Cover:** A number 'Sky\_Cover'.

# SATURDAY, NOVEMBER 19, 2011

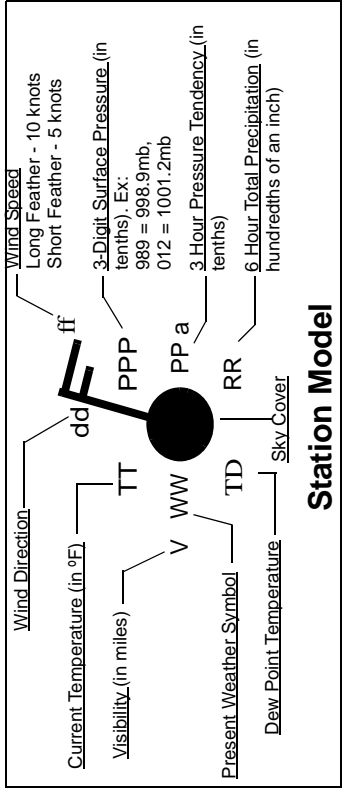
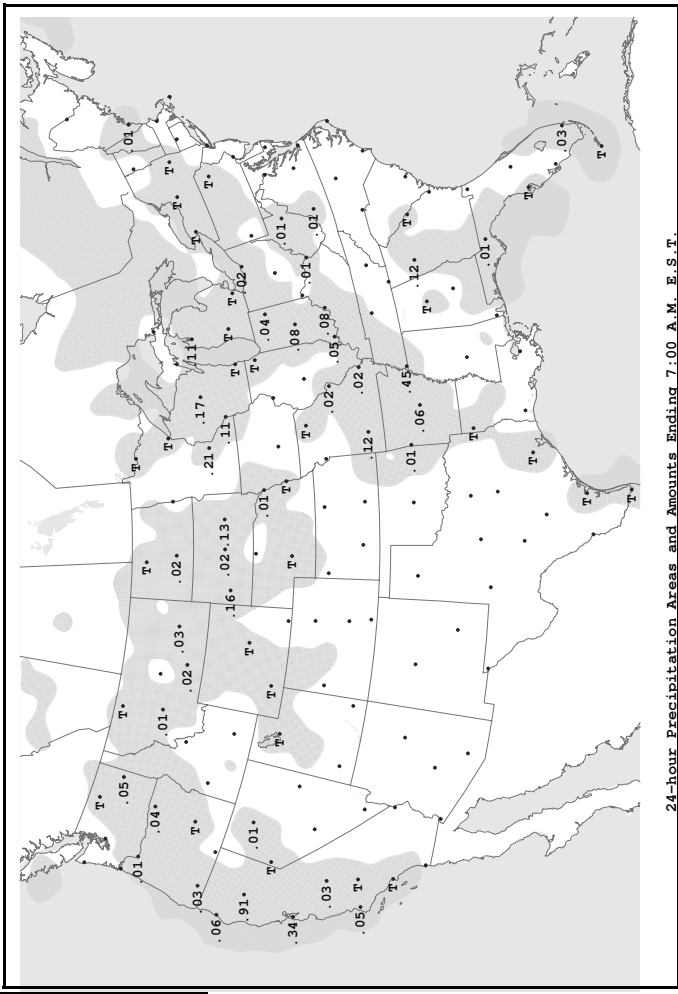
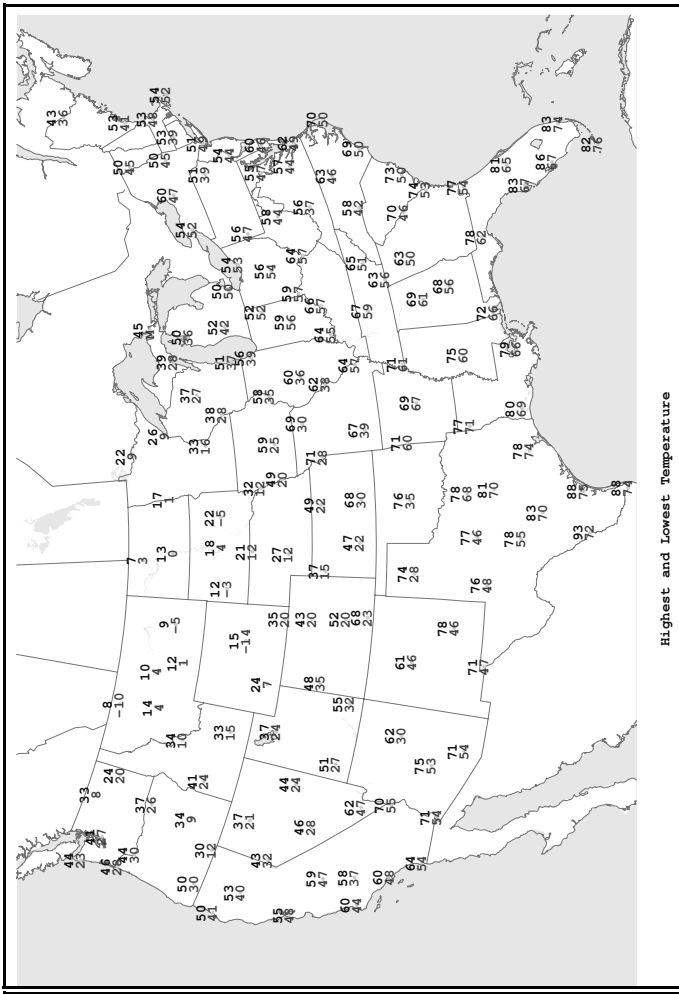
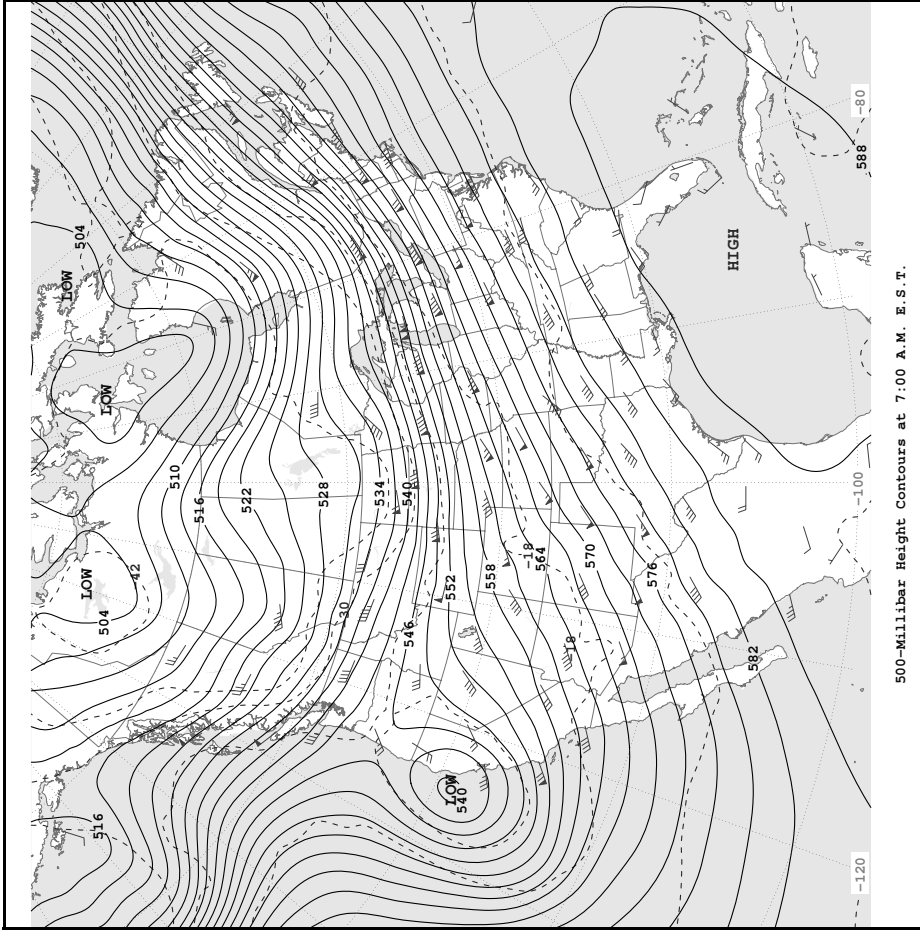


Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.

Hydrometeorological  
Prediction Center  
Analyst Hamrick

True at 40.00N  
NM 100 200 300 400 500





# SUNDAY, NOVEMBER 20, 2011

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Daily Weather Map Station Names and Locations