



# Daily Weather Maps

APRIL 7, 2008 - APRIL 13, 2008

Week 15

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. EST the previous day through 1 a.m. EST and the minimum temperature for the period from 7:00 p.m. EST the previous day through 1 p.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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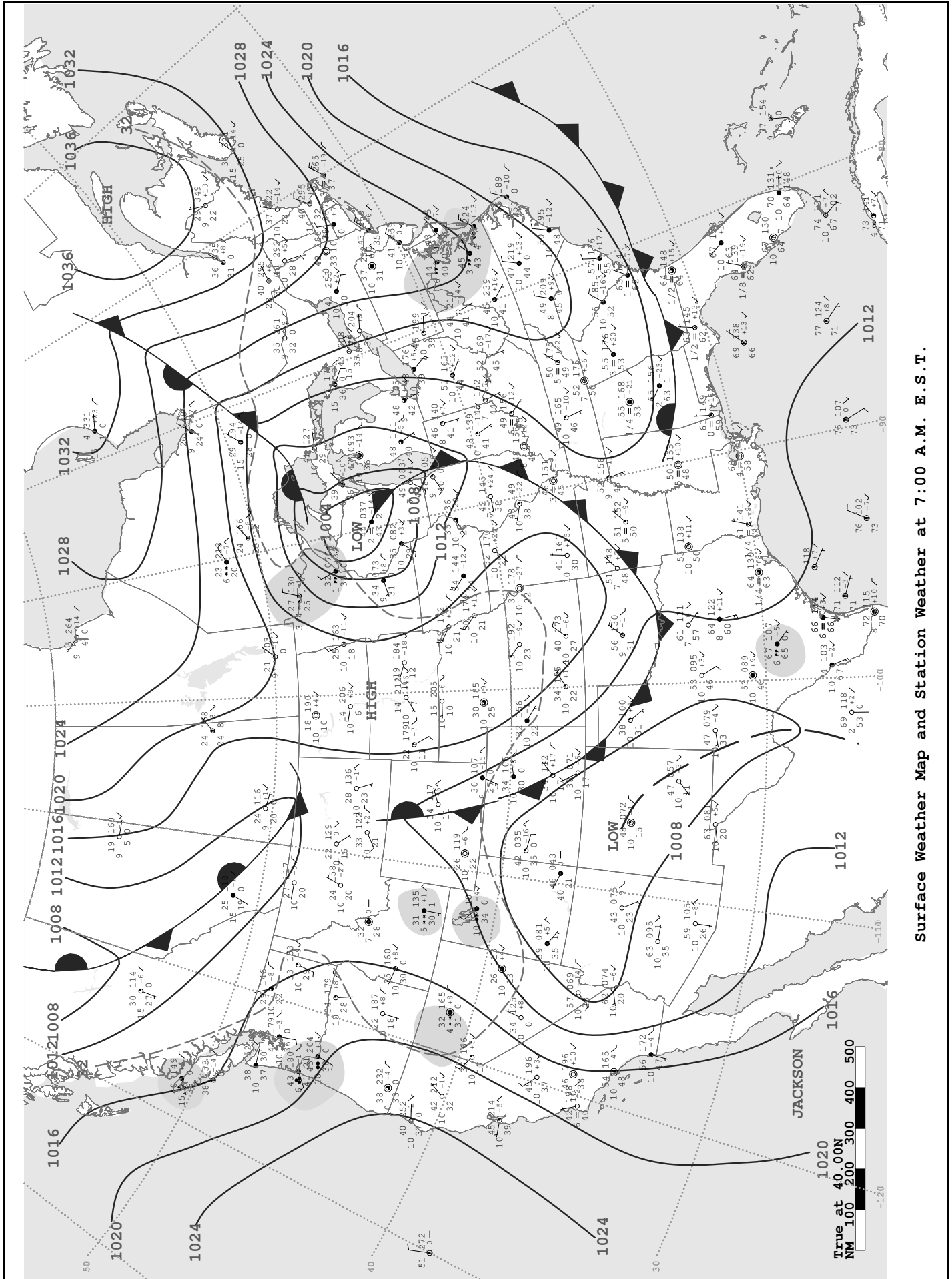
Correspondence to the meteorologists should be directed to: *Daily Weather Map*, NOAA/National Weather Service, Room 410, 5200 Auth Rd, Camp Springs, MD 20746.

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).

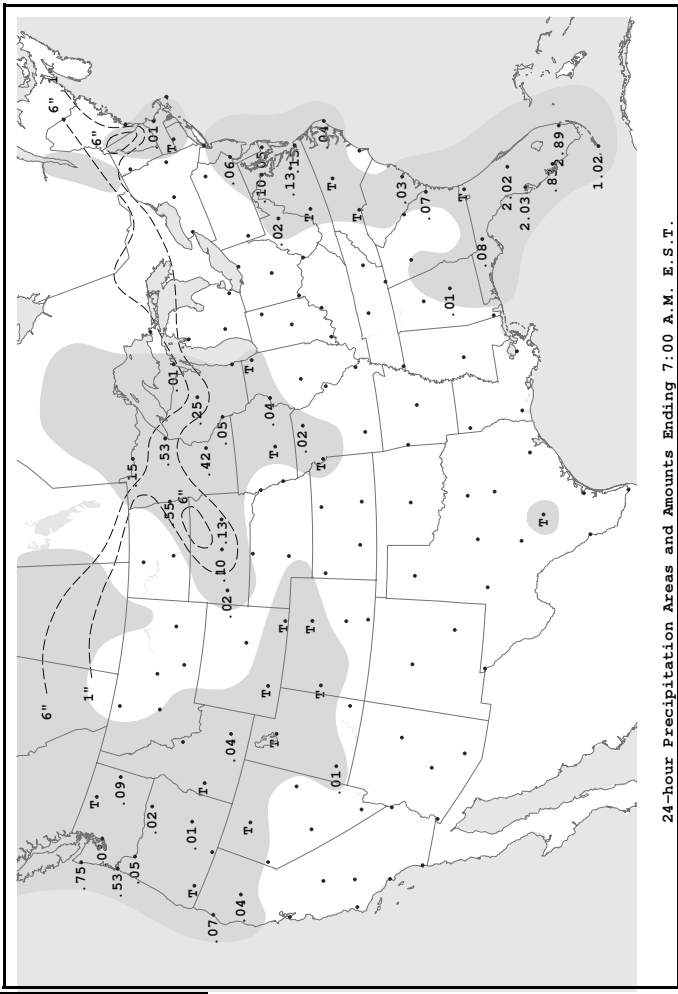
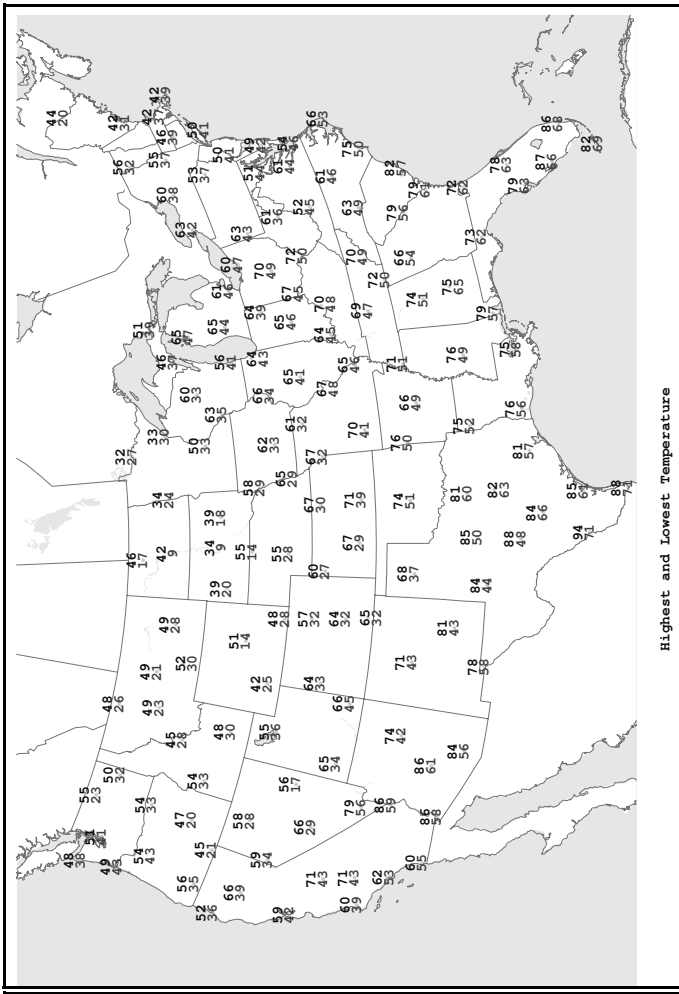
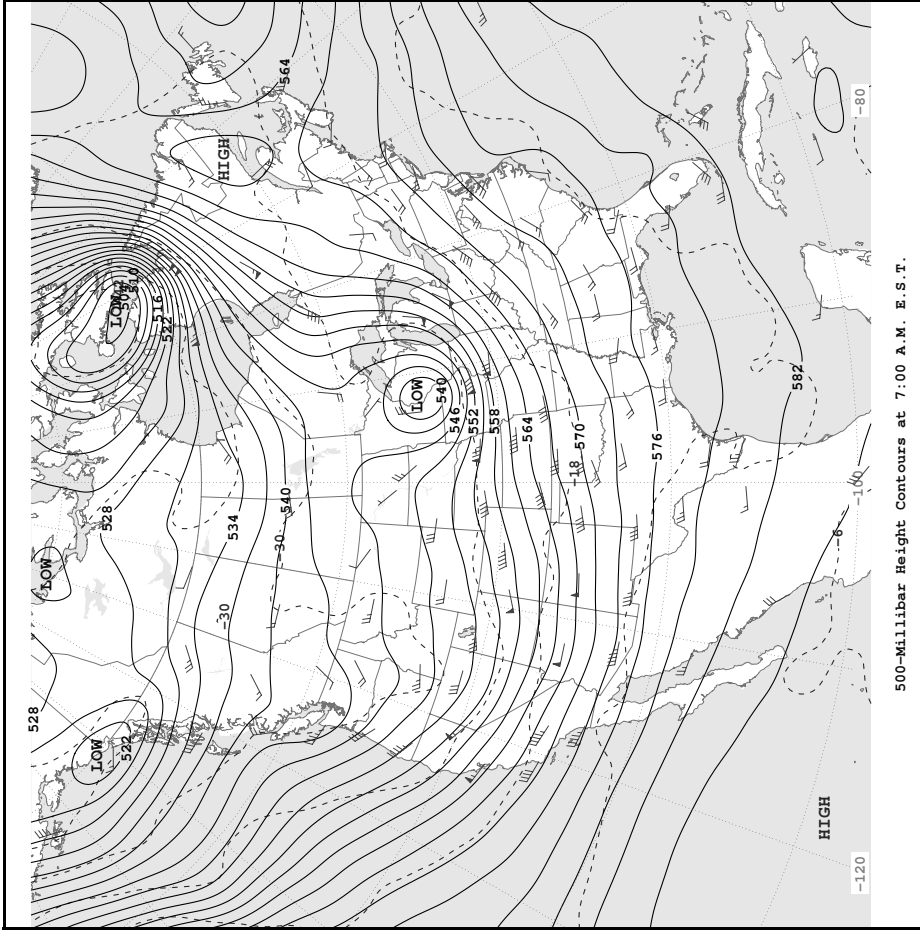
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Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.

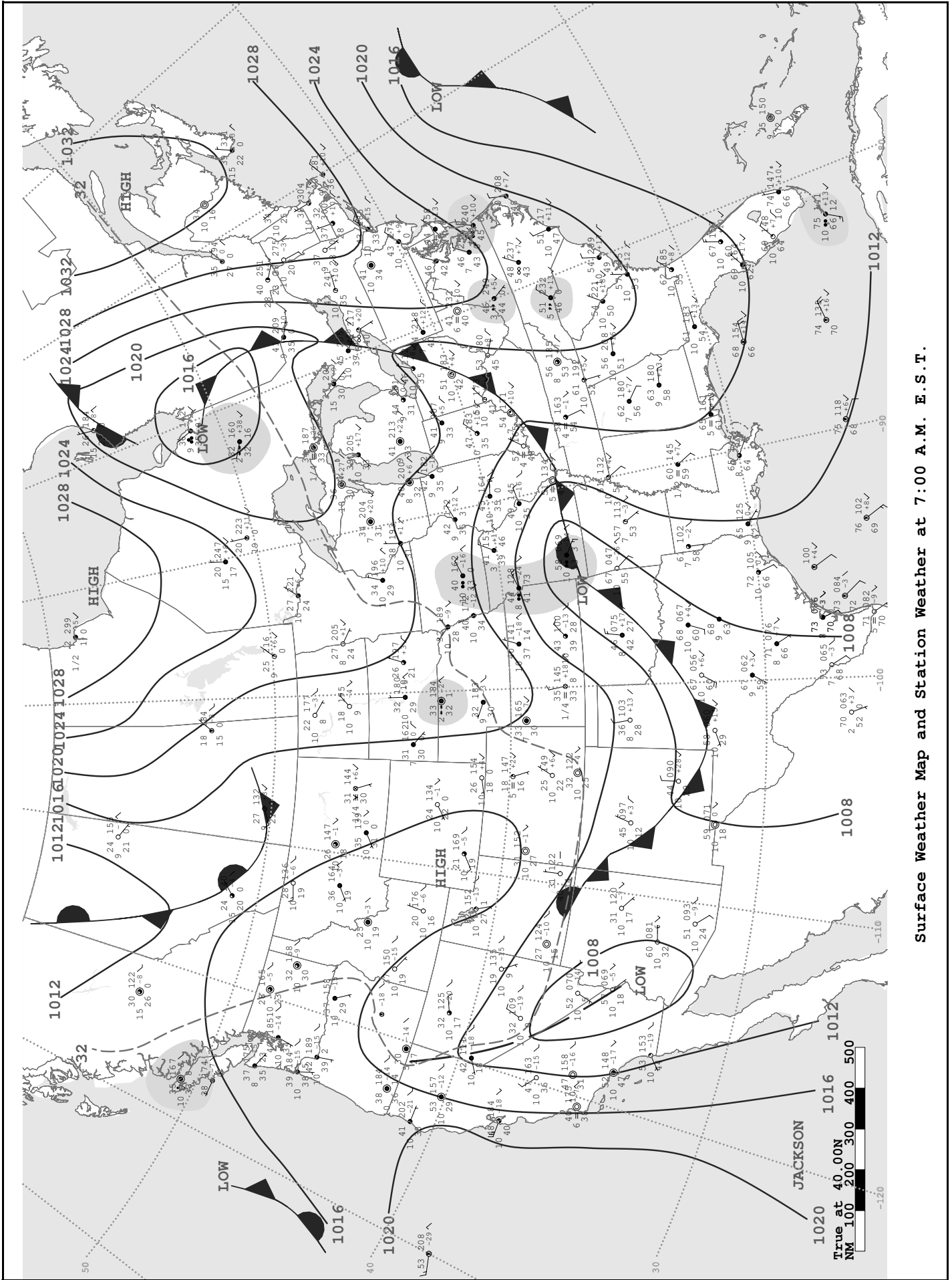


**Station Model**

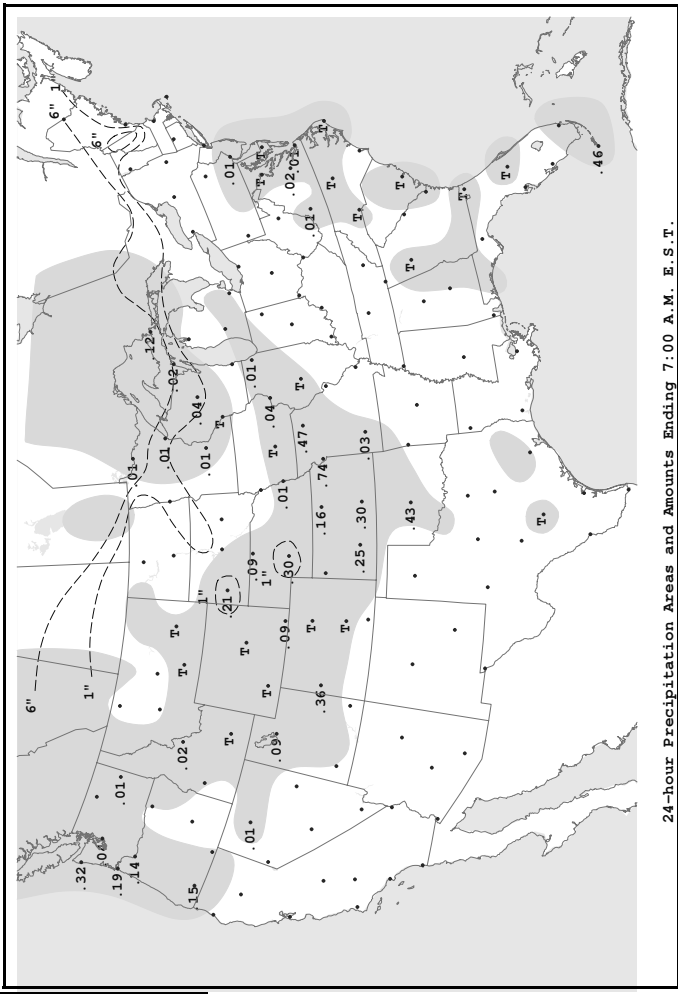
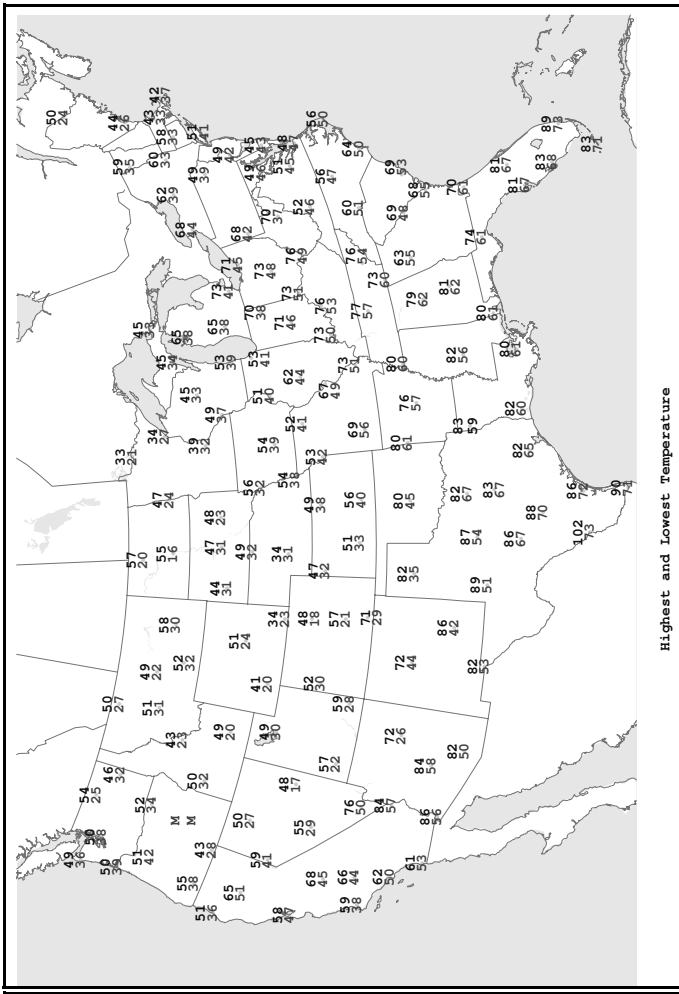
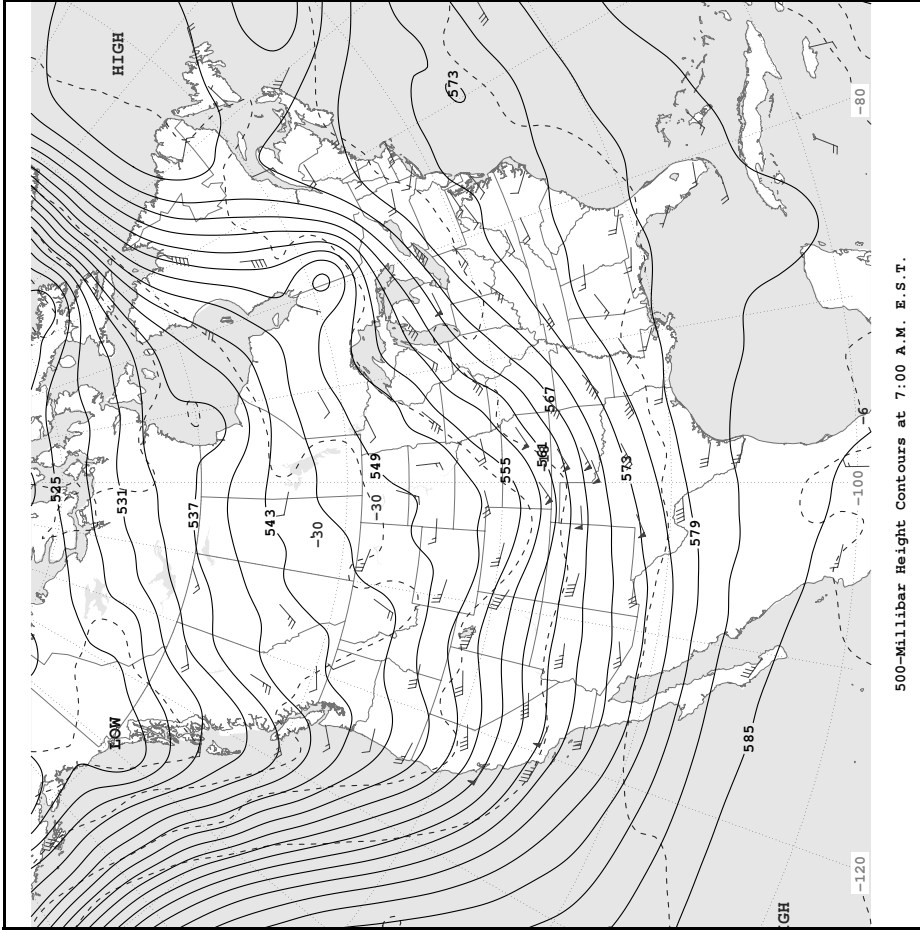
The diagram shows a station model with various symbols and their corresponding units:

- Wind Direction:** Indicated by a vertical line with a short horizontal bar (feather) extending from it.
- Wind Speed:** Indicated by the length of the feather. Long feather = 10 knots; Short feather = 5 knots.
- Current Temperature (in °F):** Represented by the number 'F'.
- Visibility (in miles):** Represented by the number 'V'.
- Present Weather Symbol:** Represented by the symbol 'PP'.
- Dew Point Temperature:** Represented by the number 'DD'.
- 3-Digit Surface Pressure (in tenths):** Represented by the number 'PPP'.
- 3 Hour Pressure Tendency (in tenths):** Represented by the number 'PPa'.
- 6 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.

# MONDAY, APRIL 7, 2008



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)

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

Current Temperature (in °F): **dd**

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

Ex: 989 = 998.9mb, 012 = 1001.2mb

Visibility (in miles): **V**

Present Weather Symbol: **●**

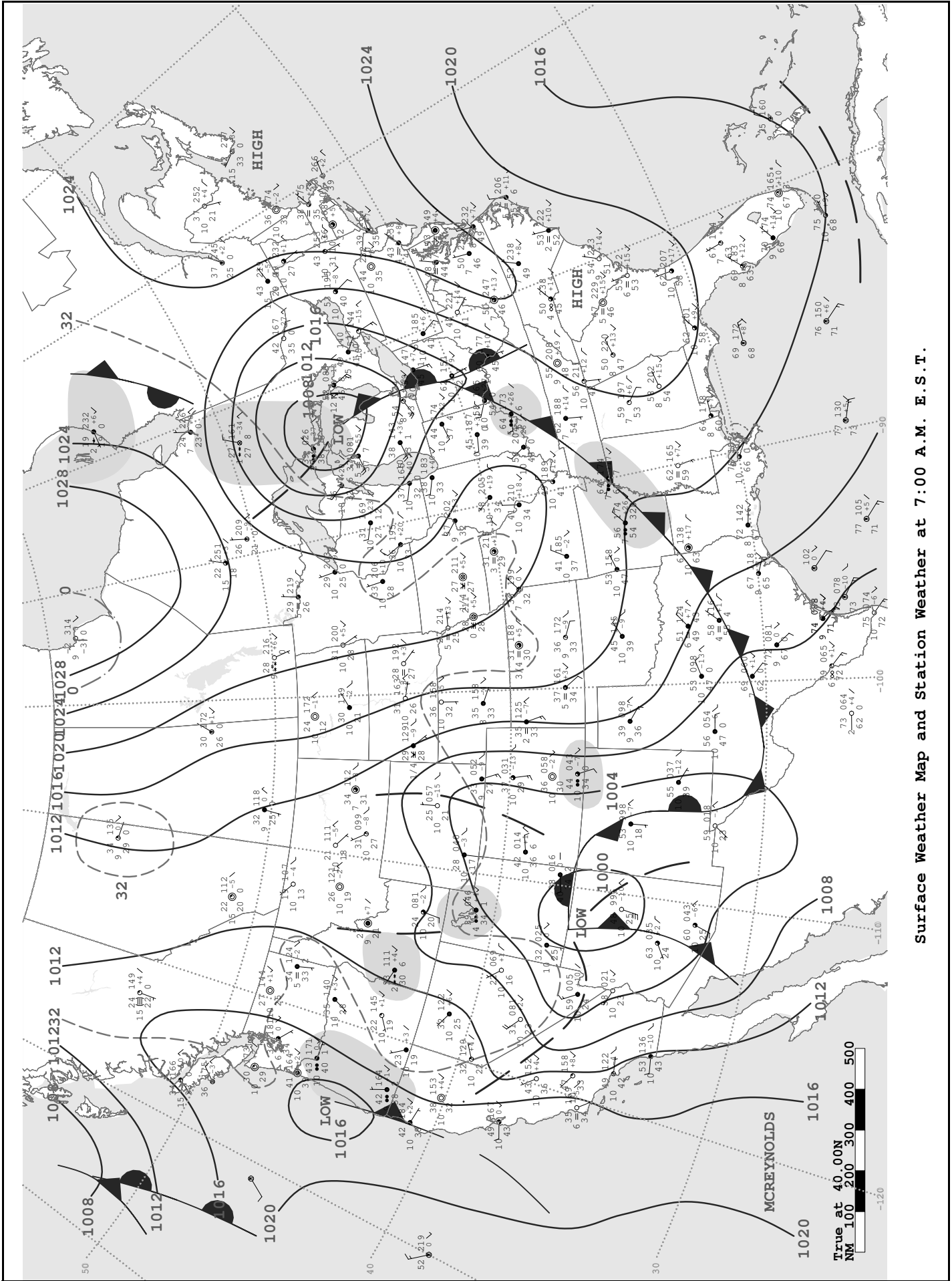
3 Hour Pressure Tendency (in tenths): **PP a**

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

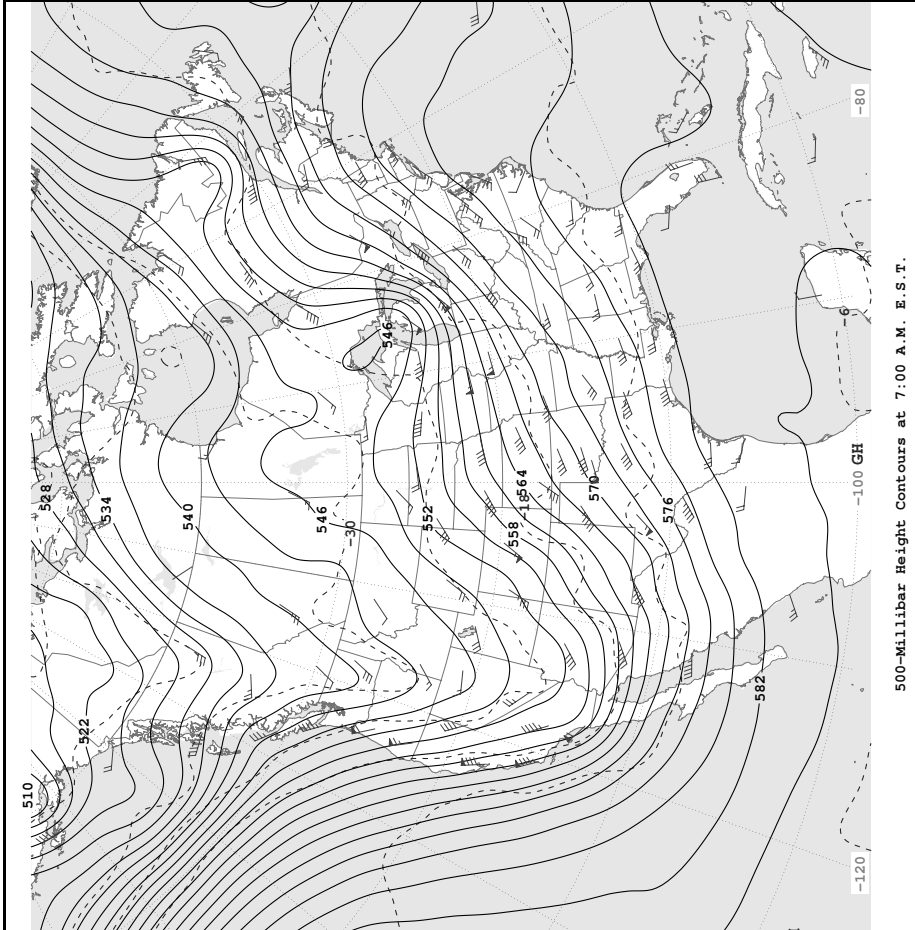
Dew Point Temperature: **TT**

Sky Cover: **—**

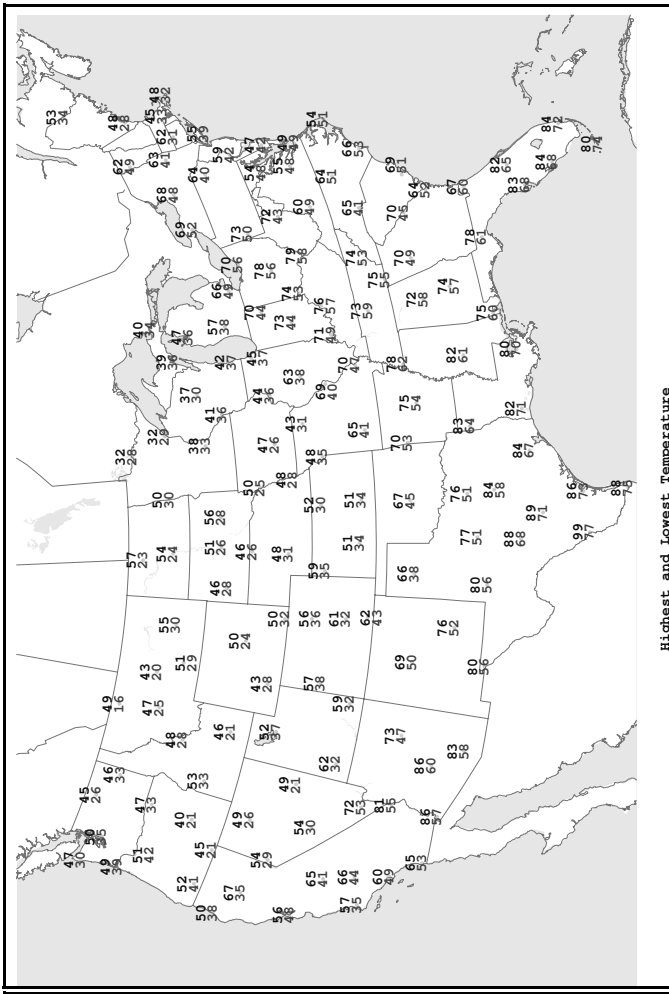
# TUESDAY, APRIL 8, 2008



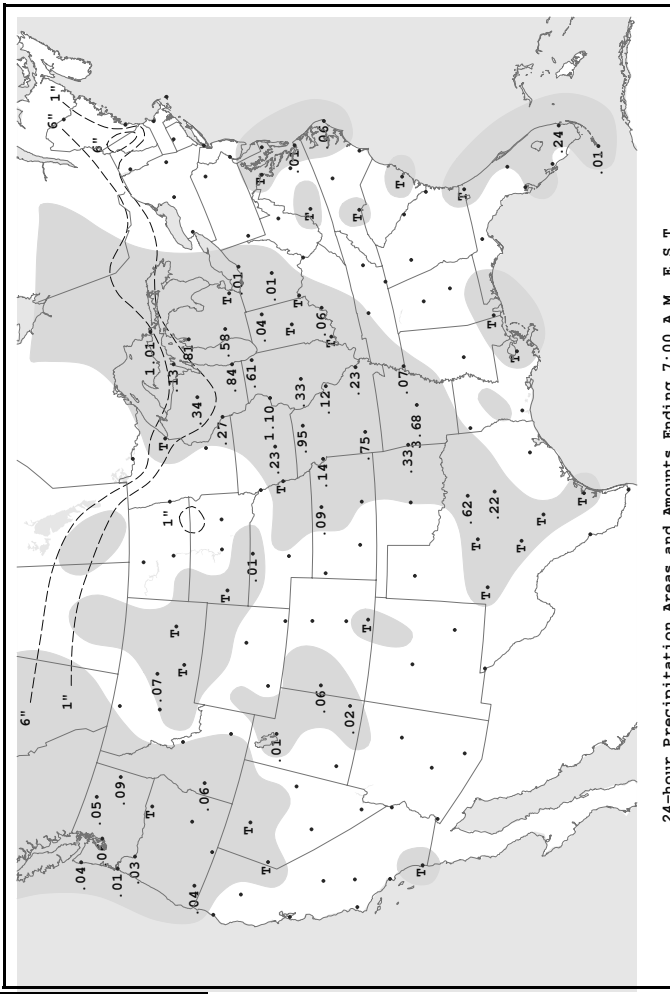
Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.



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: **W** (Long Feather - 10 knots, Short Feather - 5 knots)

Current Temperature (in °F): **66** (°F)

Wind Speed: **W** (Long Feather - 10 knots, Short Feather - 5 knots)

Visibility (in miles): **10** (mi)

3-Digit Surface Pressure (in tenths): **101** (tenths)

Present Weather Symbol: **RR** (Rain)

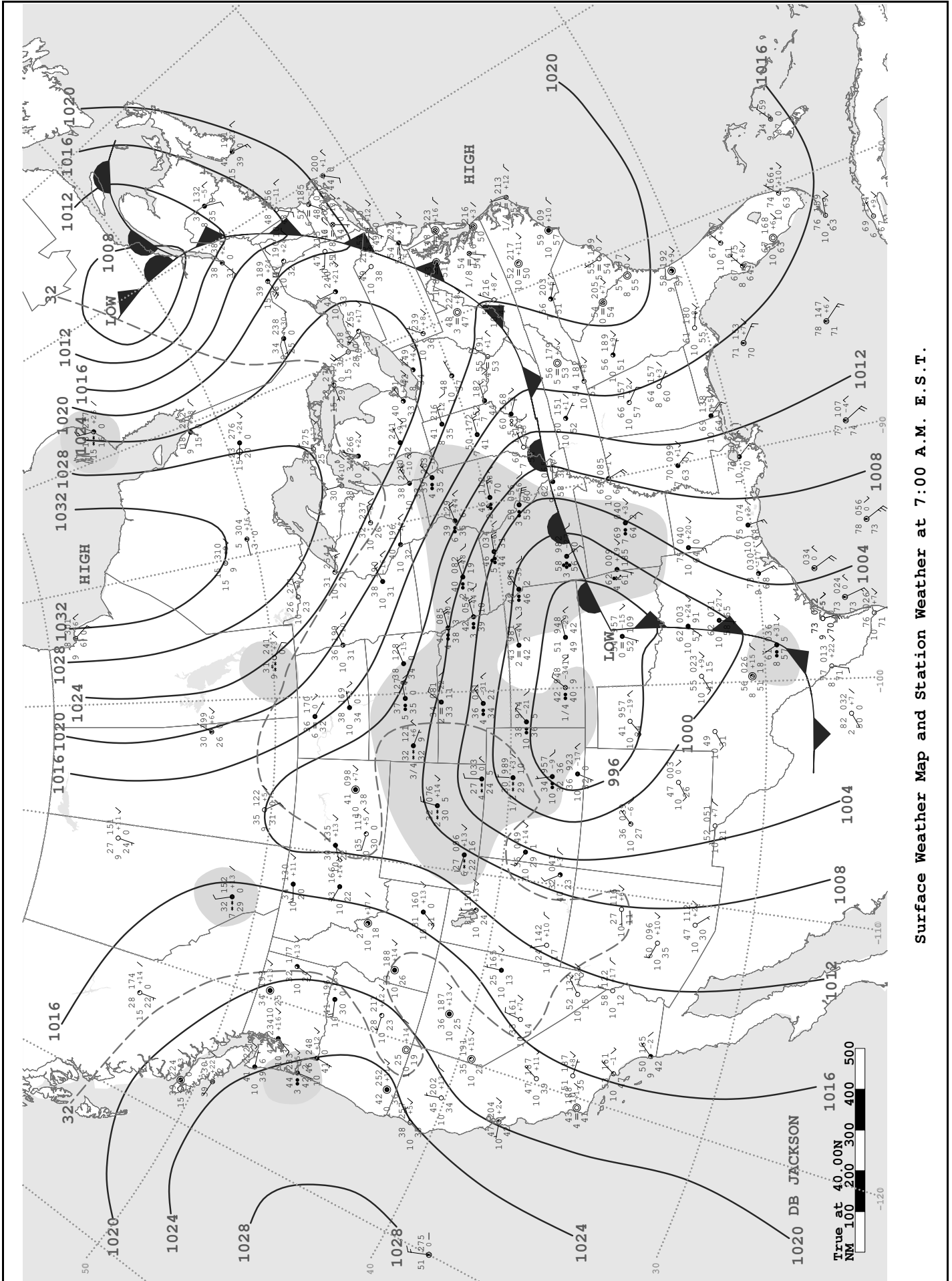
Dew Point Temperature: **58** (°F)

3 Hour Pressure Tendency (in tenths): **01** (tenths)

6 Hour Total Precipitation (in hundredths of an inch): **00** (hundredths)

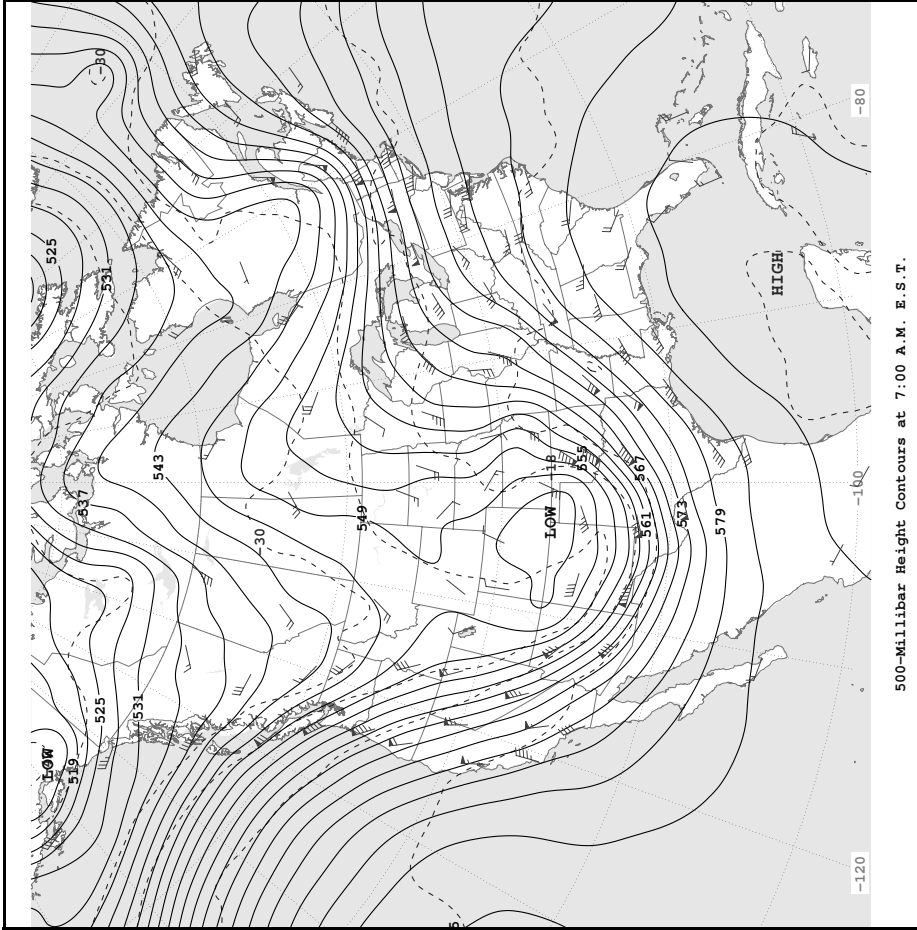
Sky Cover: **00** (percent)

# WEDNESDAY, APRIL 9, 2008

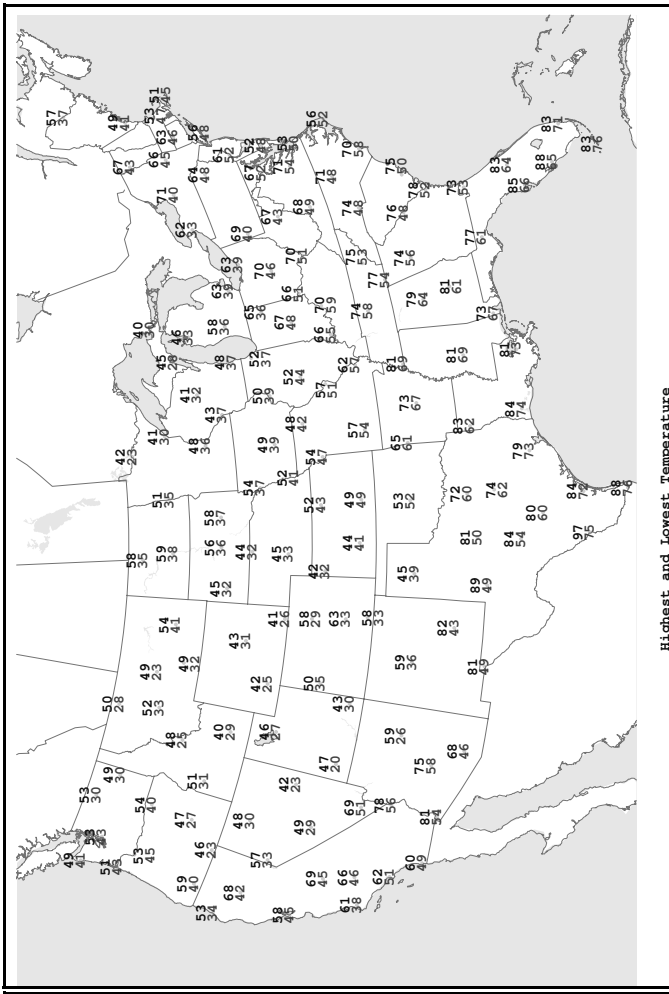


Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.

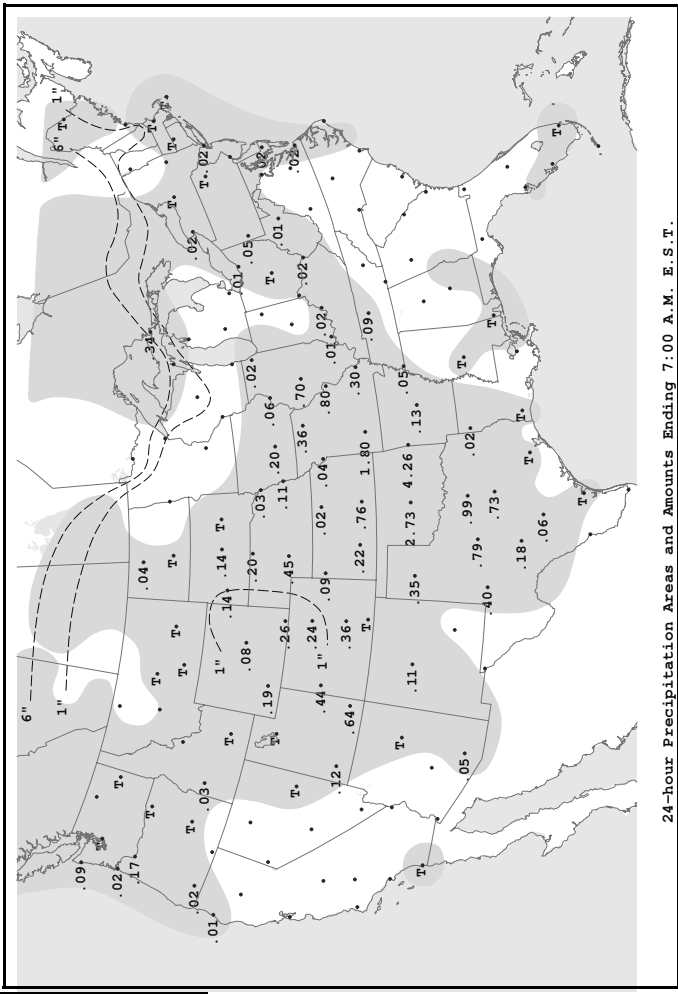




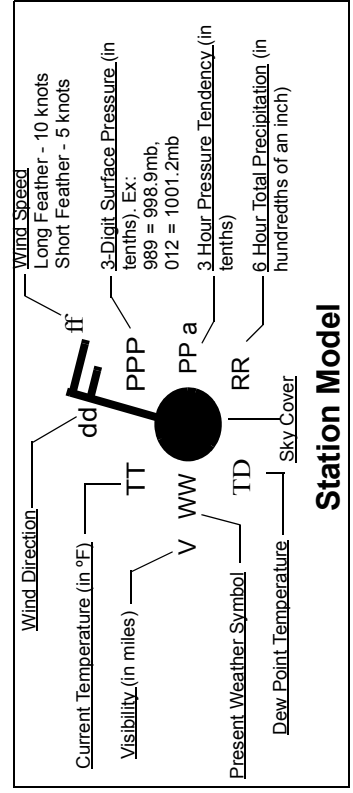
500-Millibar Height Contours at 7:00 A.M. E. S. T.



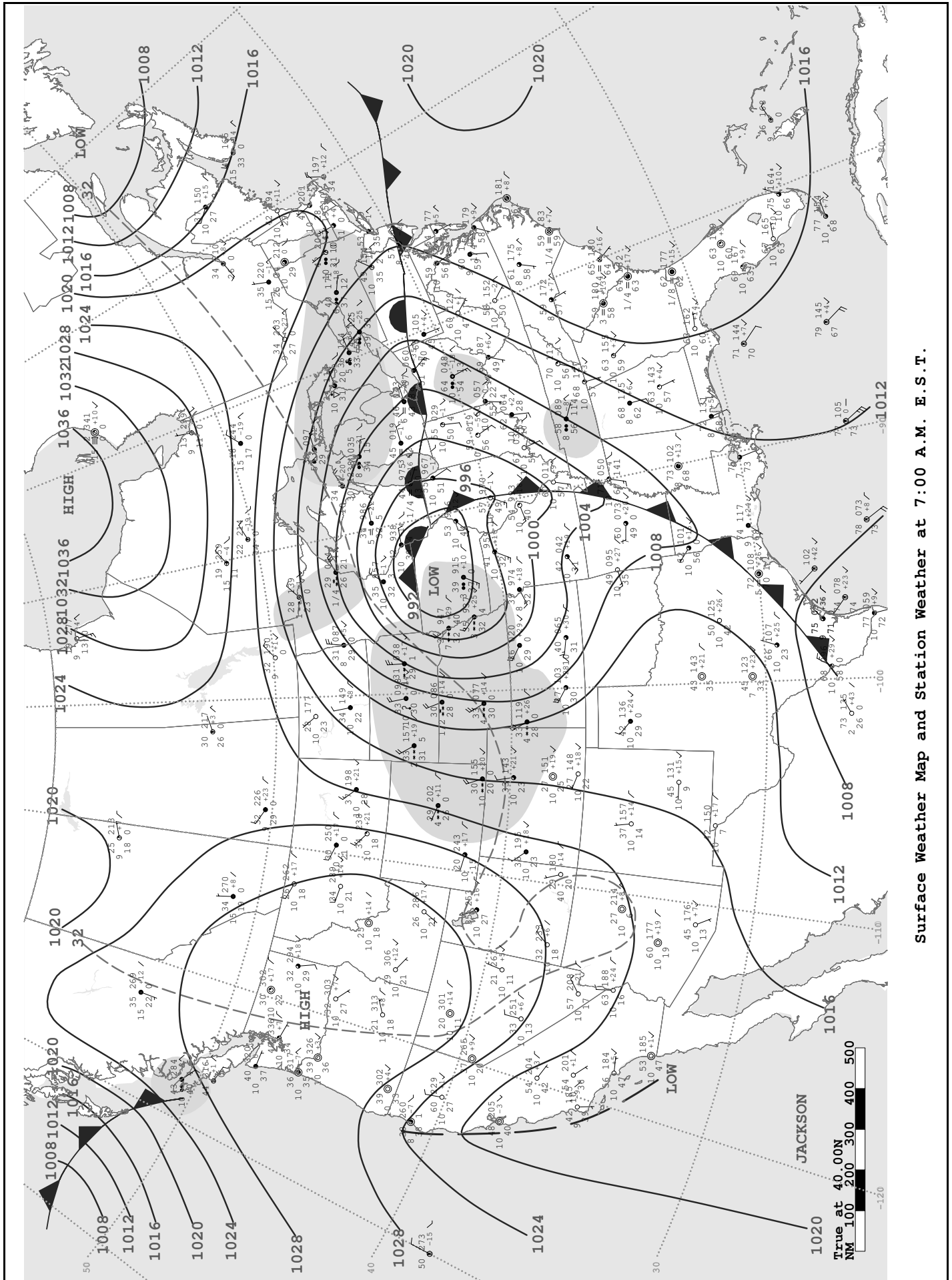
Highest and Lowest Temperature



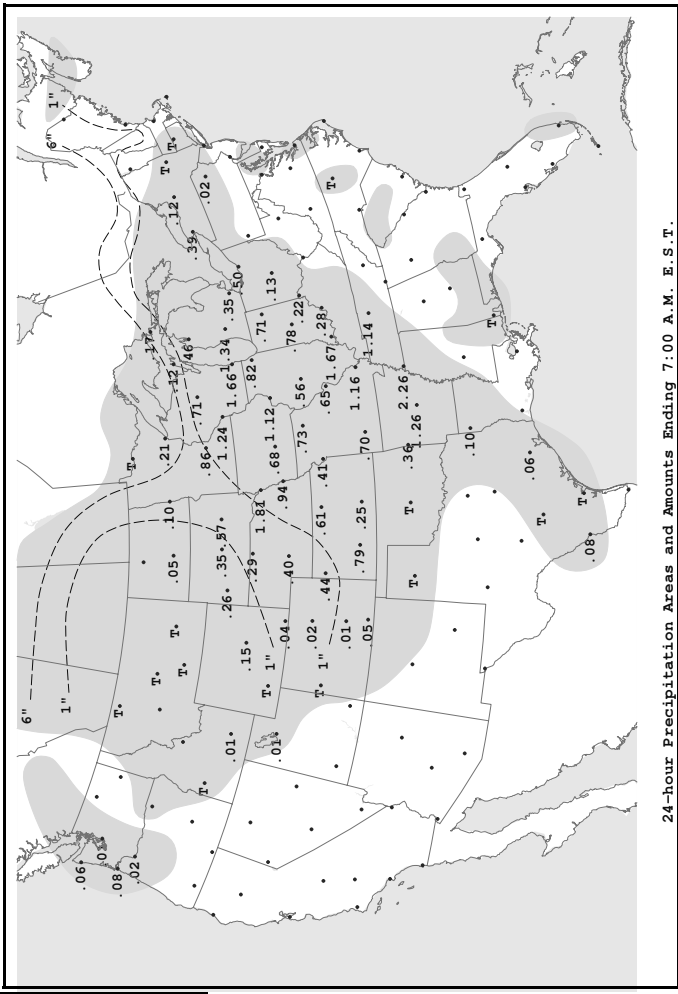
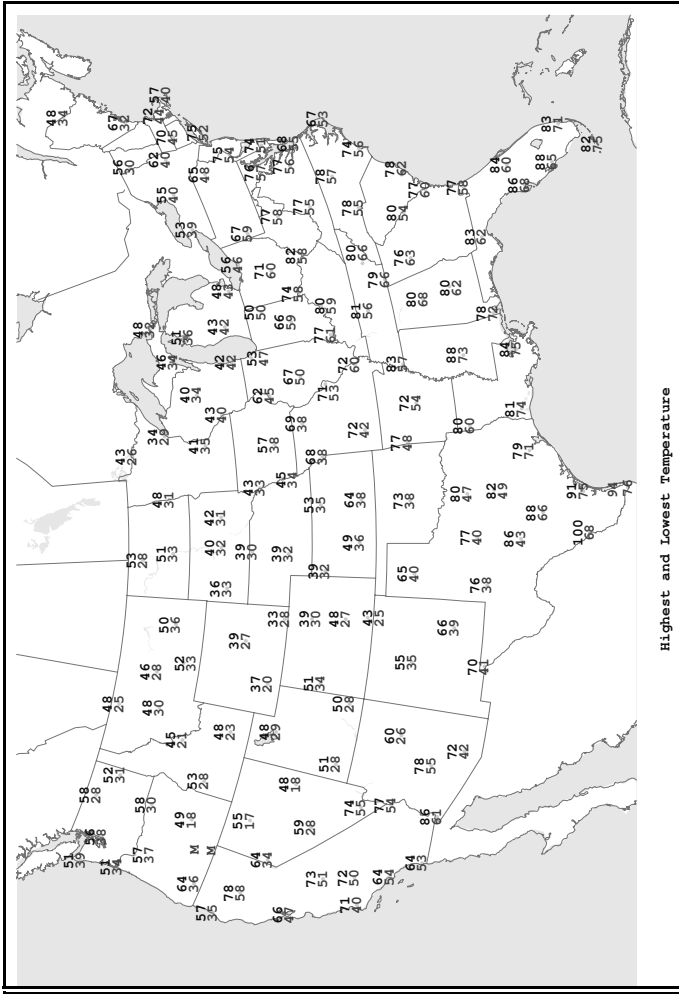
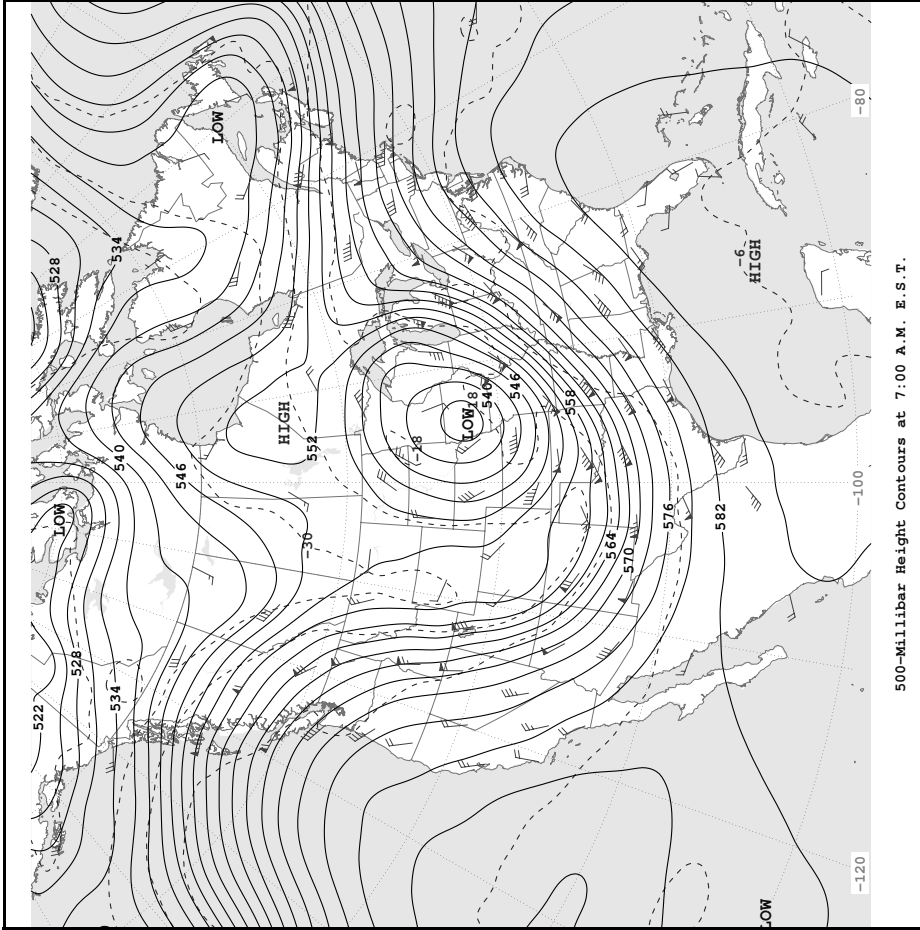
24-hour Precipitation Areas and Amounts Ending 7:00 A.M. E. S. T.



**THURSDAY, APRIL 10, 2008**



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



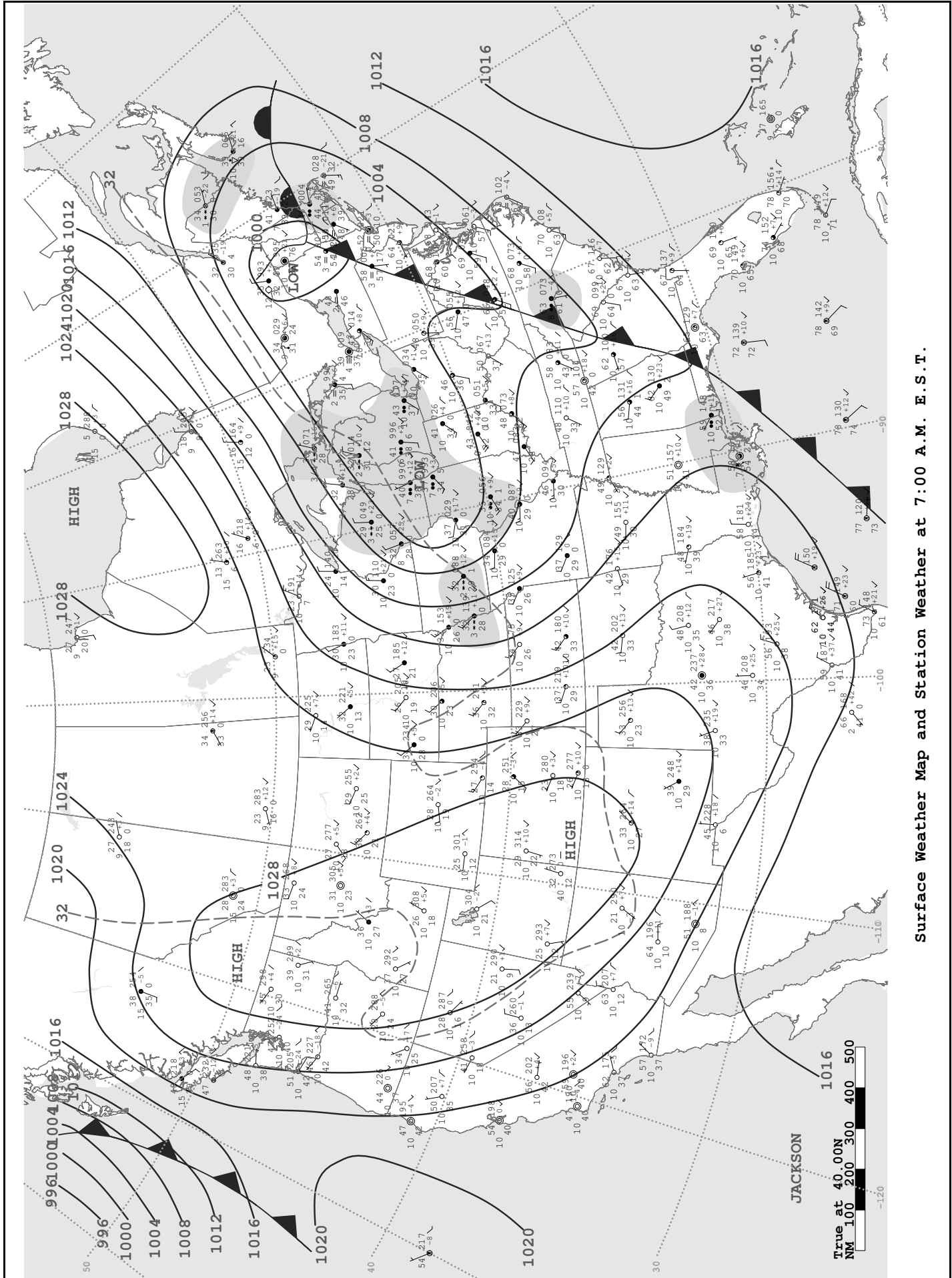
**Station Model**

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

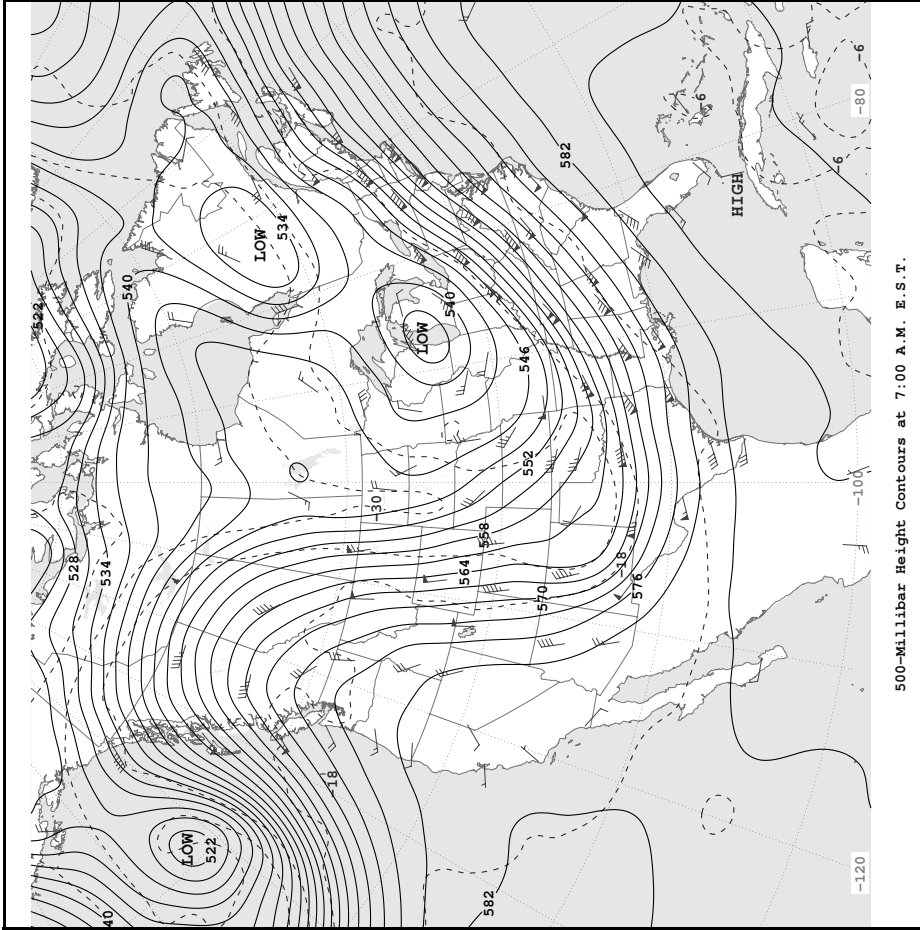
Current Temperature (in °F): 3-Digit Surface Pressure (in tenths): Ex: 999 = 998.9mb, 012 = 1001.2mb

Visibility (in miles): 3 Hour Pressure Tendency (in tenths): 6 Hour Total Precipitation (in hundredths of an inch): Sky Cover: Sky Cover

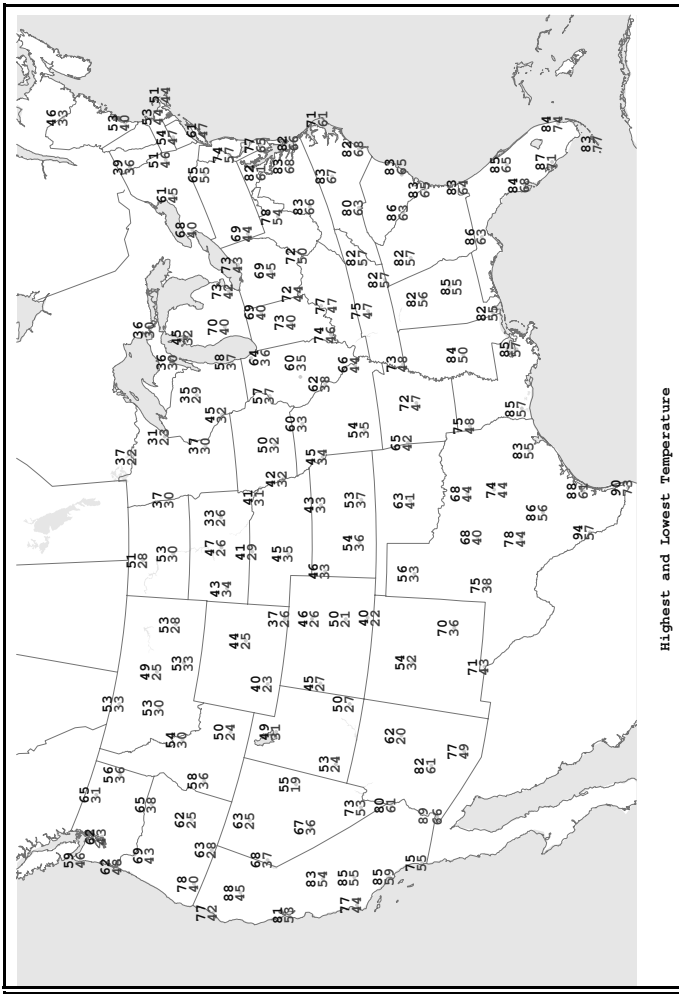
# FRIDAY, APRIL 11, 2008



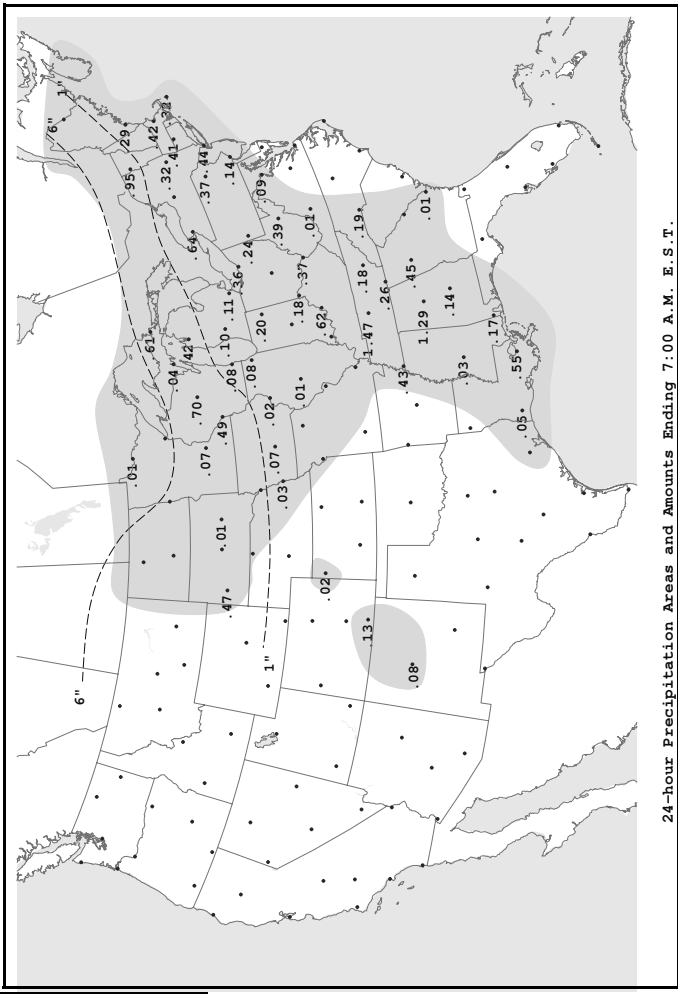
Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.



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.

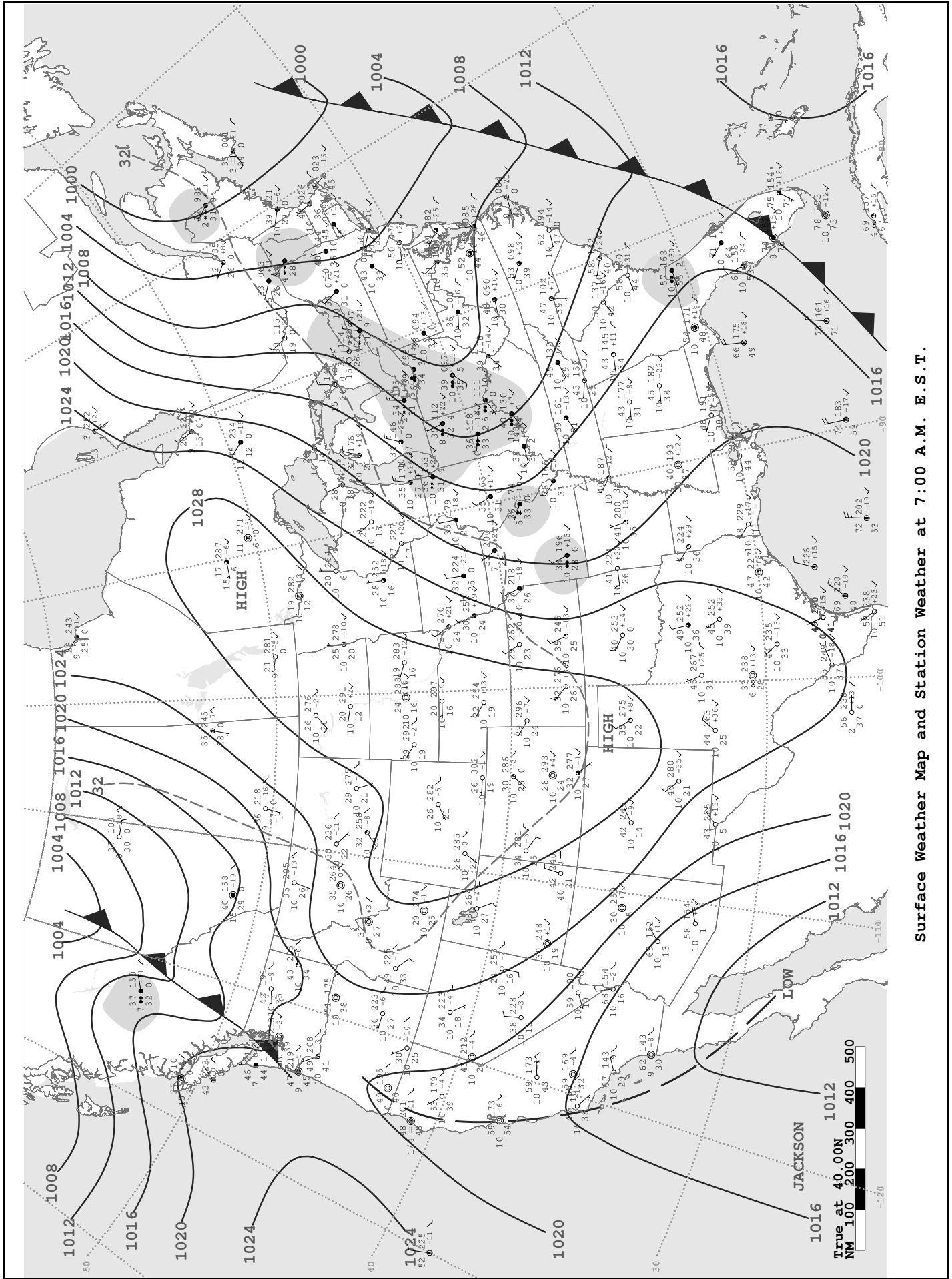
**Station Model**

Wind Direction ——— Wind Speed  
 Long Feather - 10 knots  
 Short Feather - 5 knots

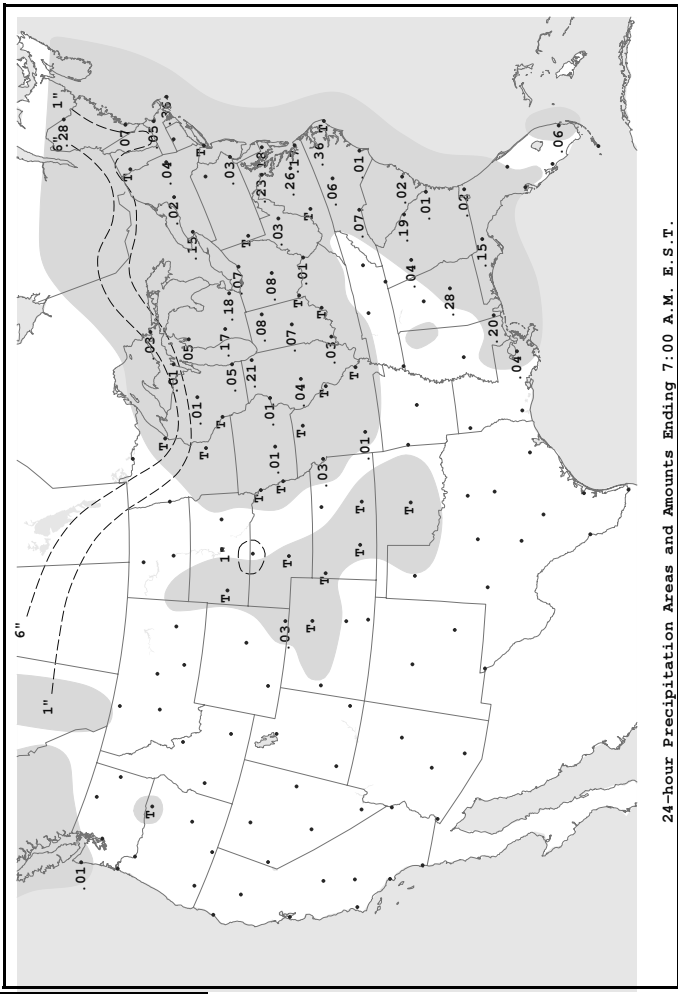
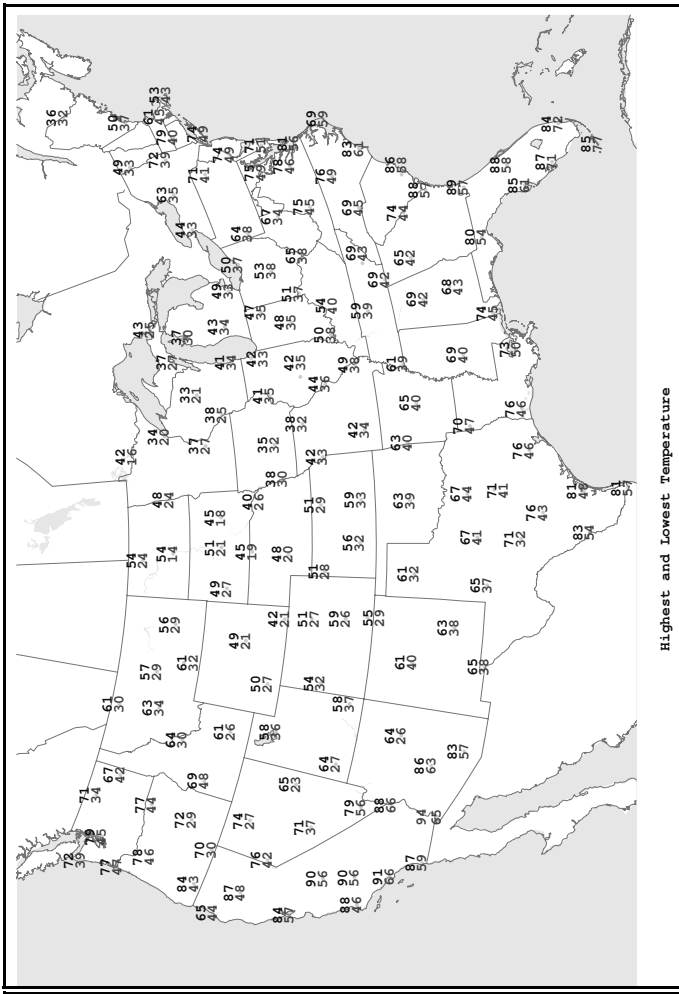
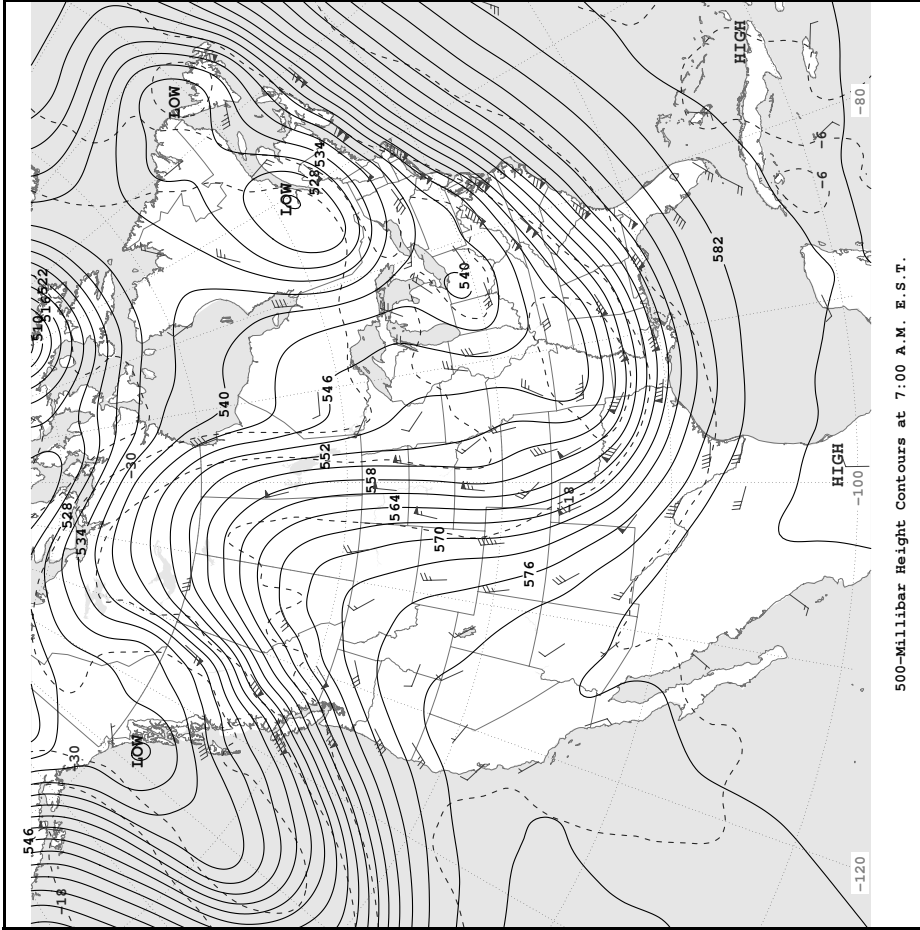
Current Temperature (in °F) — dd ——— ft  
 Visibility (in miles) — TT ——— PPP ——— 3-Digit Surface Pressure (in tenths). Ex: 989 = 998.9mb, 012 = 1001.2mb

Present Weather Symbol ——— PP a ——— 3 Hour Pressure Tendency (in tenths)  
 Dew Point Temperature ——— TD ——— RR ——— 6 Hour Total Precipitation (in hundredths of an inch)  
 Sky Cover

# SATURDAY, APRIL 12, 2008



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

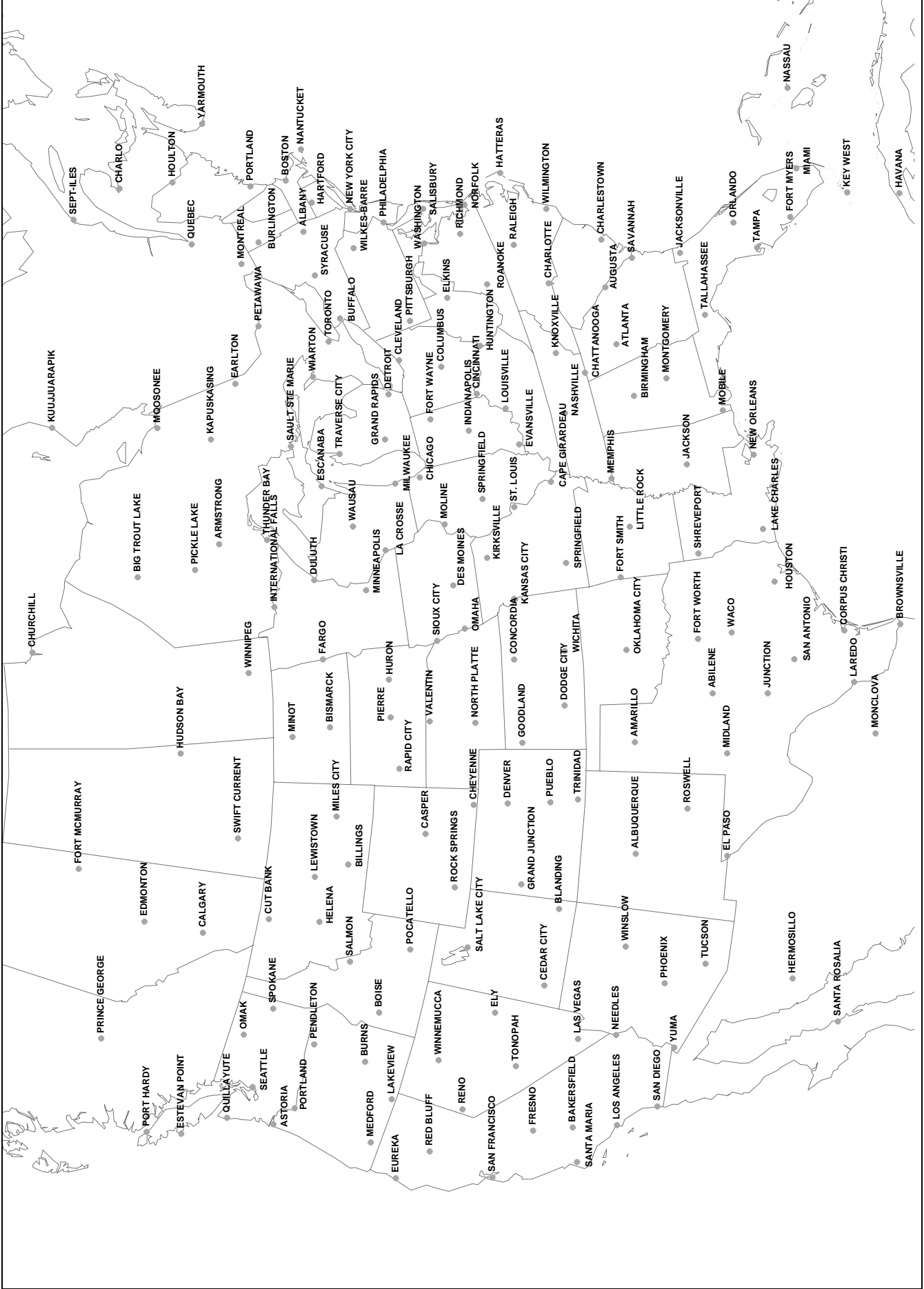


**Station Model**

The station model diagram consists of the following elements and their corresponding data fields:

- 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 letter 'V'.
- Present Weather Symbol:** Represented by a circle containing the letters 'PP'.
- Dew Point Temperature:** Represented by the letters 'TT'.
- Wind Speed:** Represented by the letters 'WW'.
- 3-Digit Surface Pressure (in tenths):** Represented by the letters 'PPP'.
- 3 Hour Pressure Tendency (in tenths):** Represented by the letters 'PPa'.
- 6 Hour Total Precipitation (in hundredths of an inch):** Represented by the letters 'RR'.
- Sky Cover:** Represented by a horizontal line.

# SUNDAY, APRIL 13, 2008



**Daily Weather Map Station Names and Locations**