



Daily Weather Maps

APRIL 27, 2009 - MAY 3, 2009

Week 18

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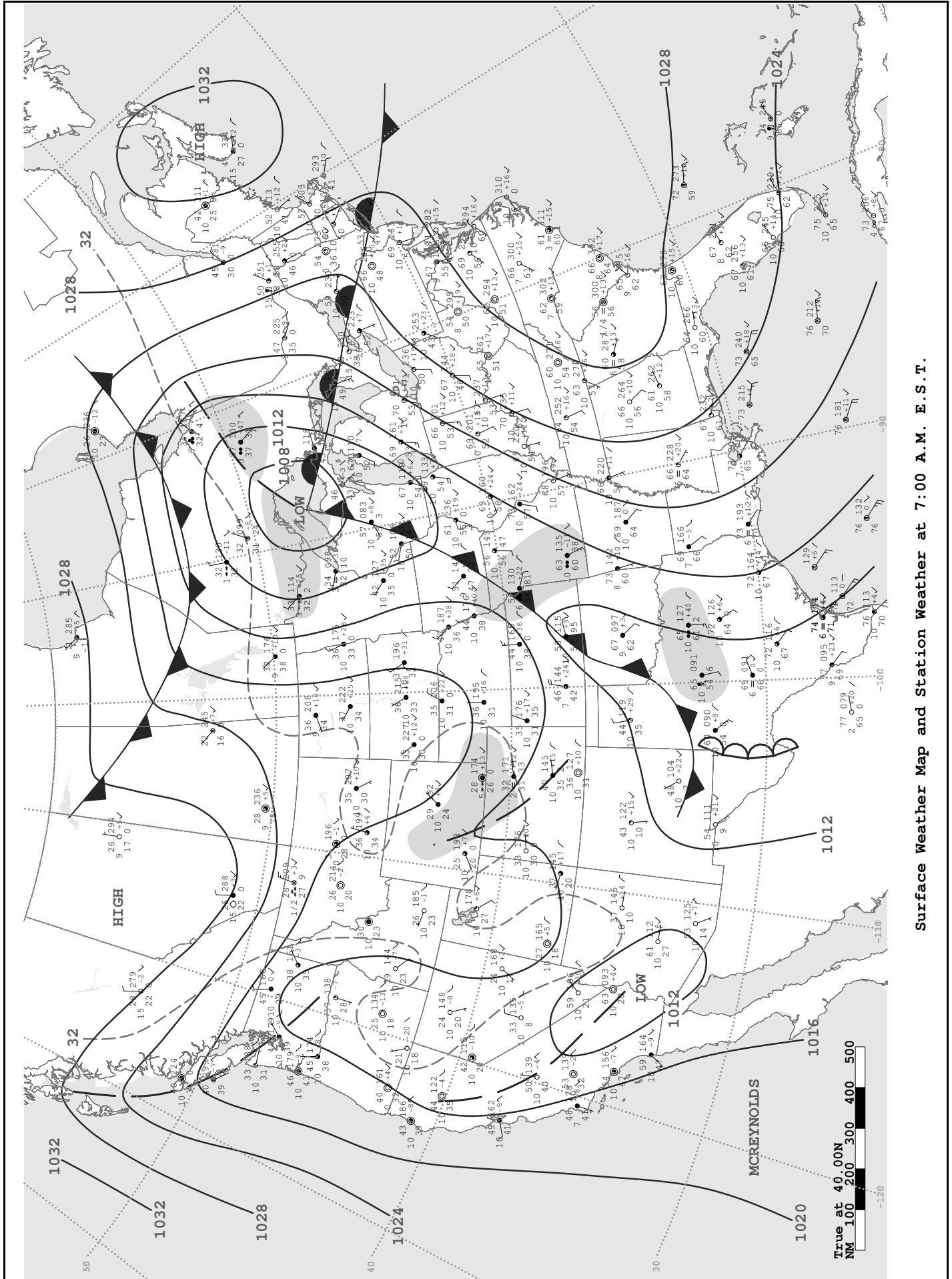
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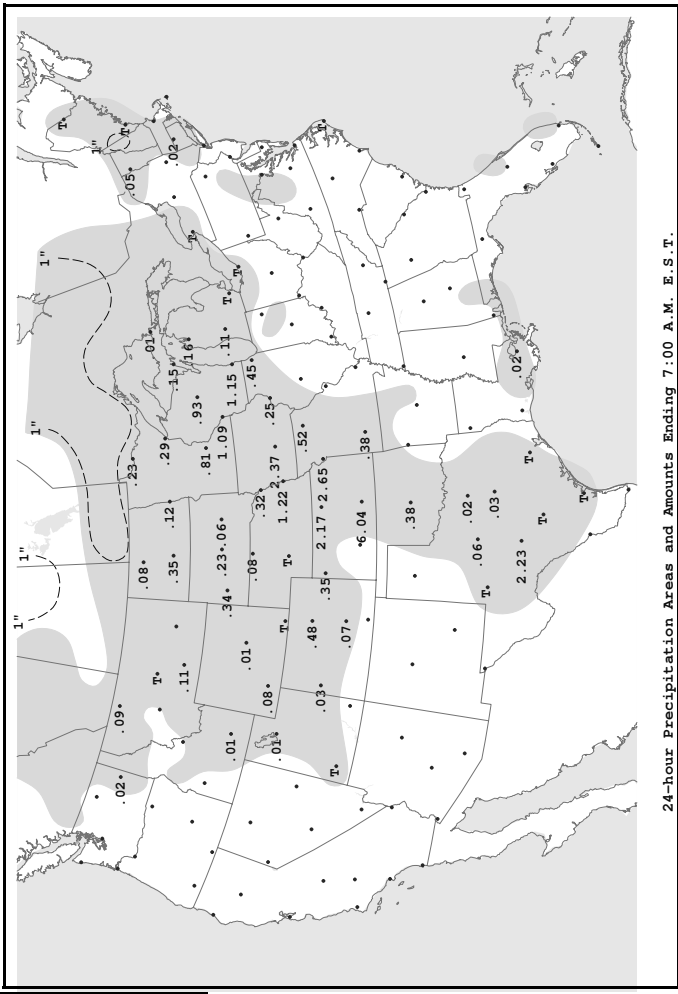
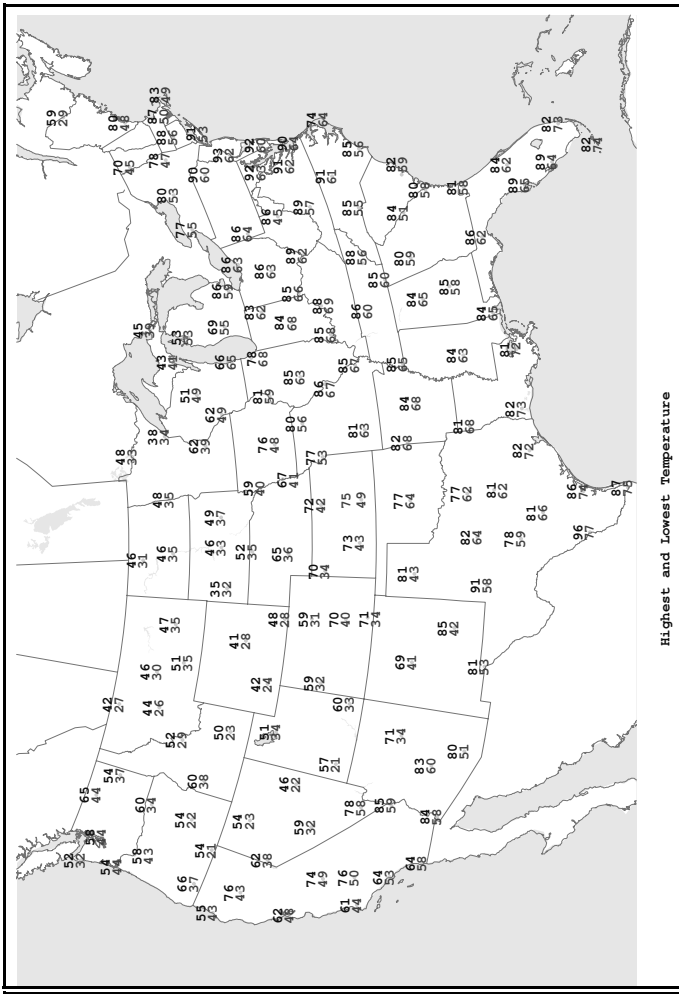
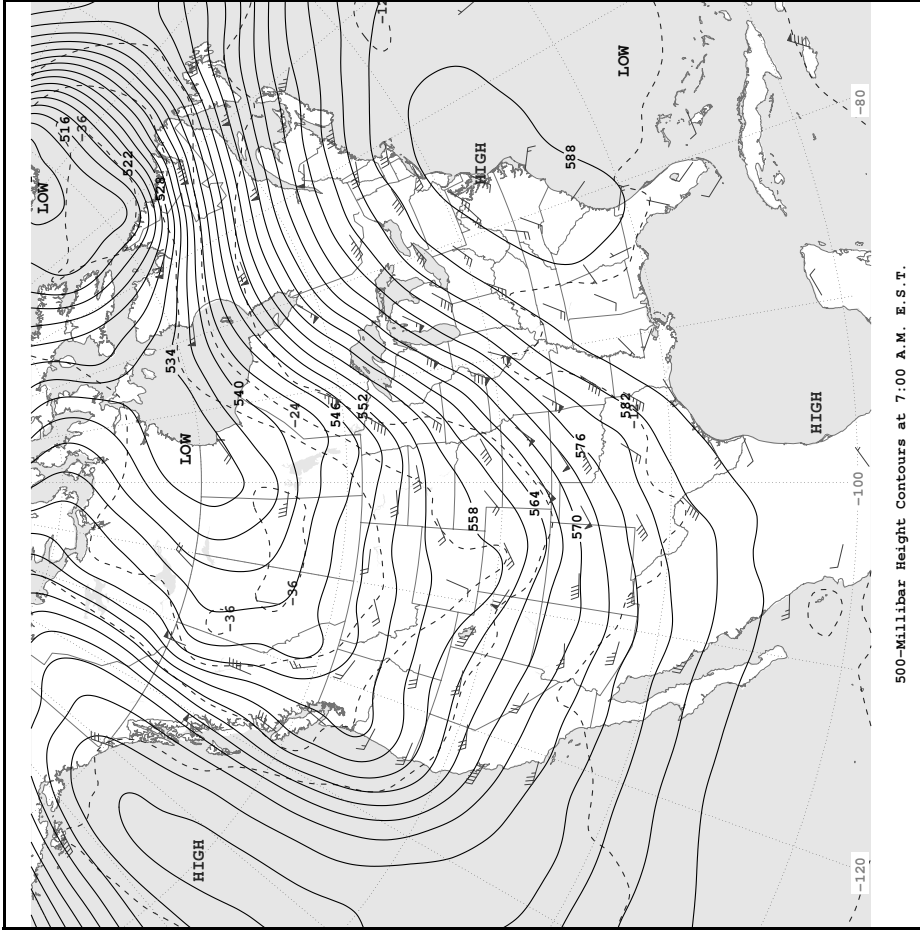
Correspondence to the meteorologists should be directed to: *Daily Weather Map*, NOAA/National Weather Service, Room 410, 5200 Auth Rd, Camp Springs, MD 20746.

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.



Station Model

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

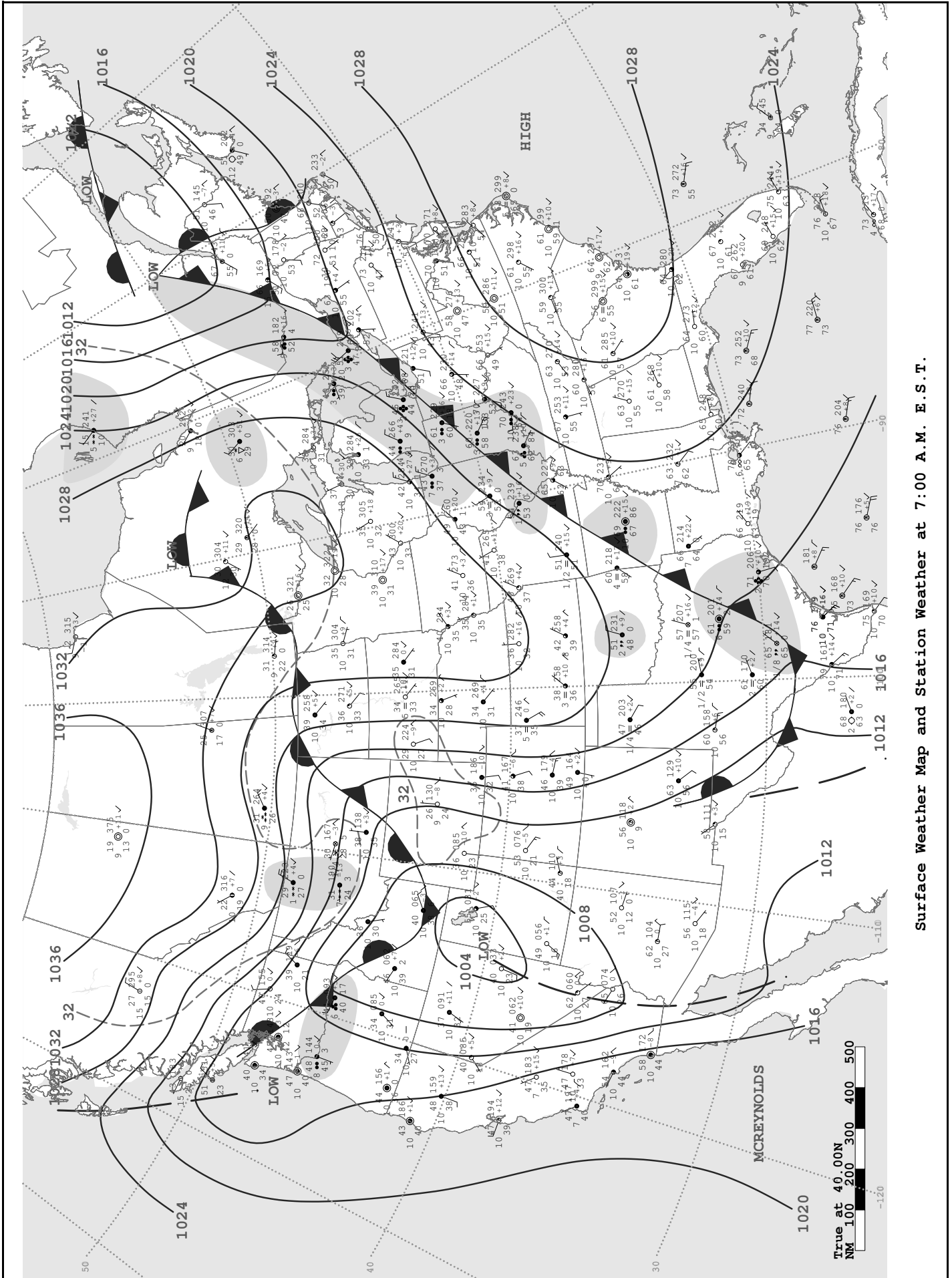
Current Temperature (in °F): **TT** (two digits) — 3-Digit Surface Pressure (in tenths): **PPP** (three digits). Ex: 989 = 998.9mb, 012 = 1001.2mb

Visibility (in miles): **V** (one digit) — 3 Hour Pressure Tendency (in tenths): **PP a** (two digits)

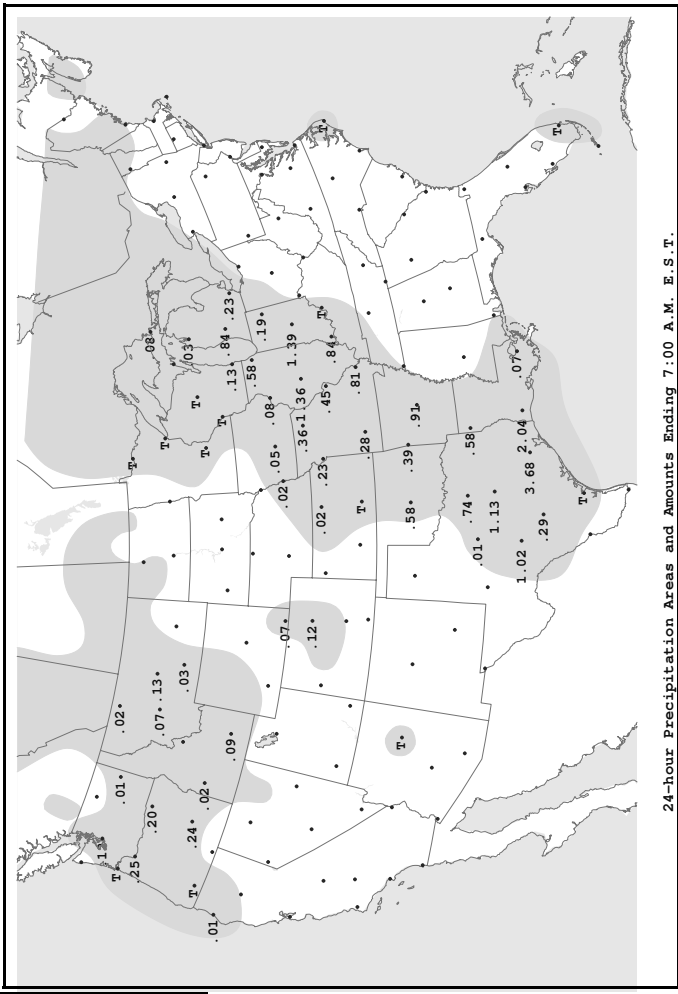
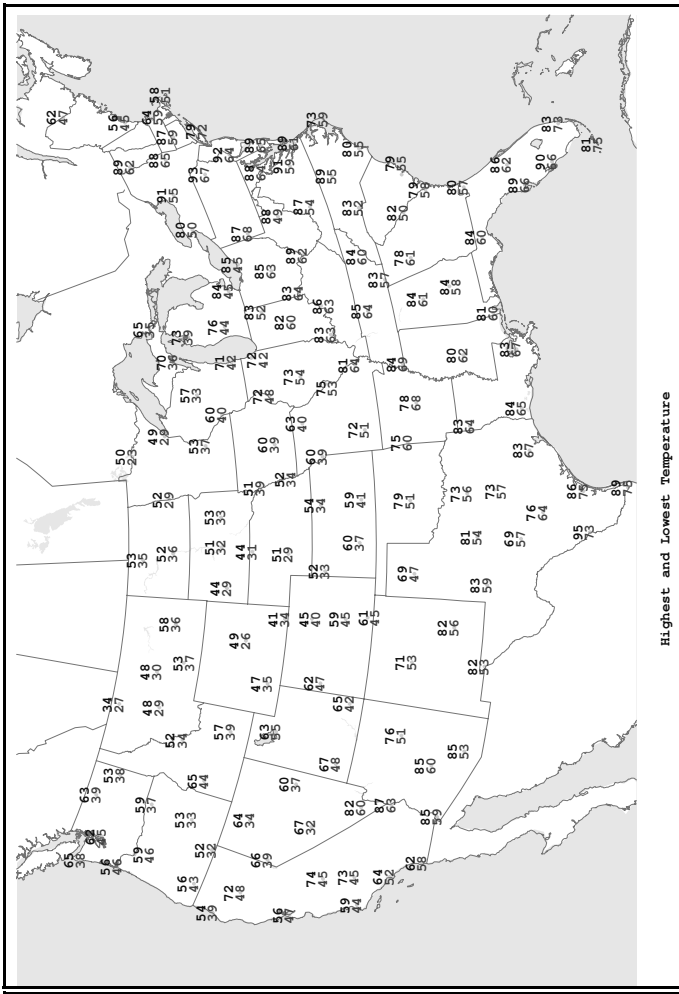
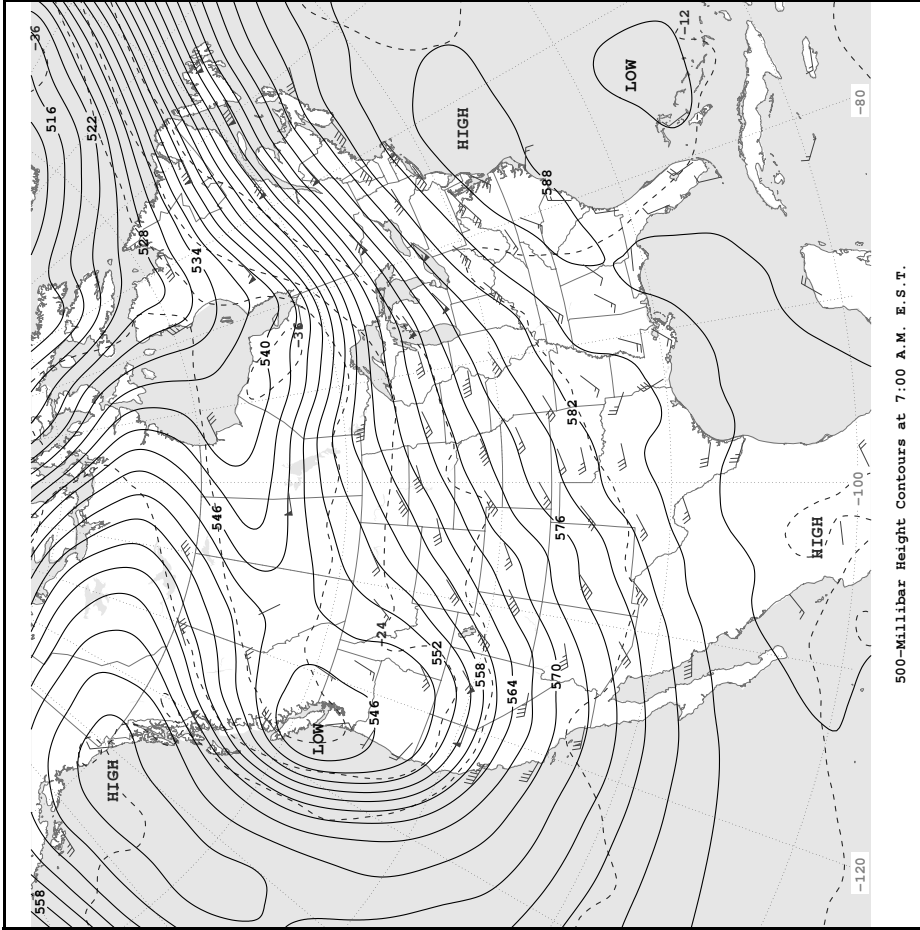
Present Weather Symbol: **●** (circle) — 6 Hour Total Precipitation (in hundredths of an inch): **RR** (two digits)

Dew Point Temperature: **DD** (two digits) — Sky Cover: **SK** (two digits)

MONDAY, APRIL 27, 2009



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): ft

Visibility (in miles): TT

Present Weather Symbol: PPP

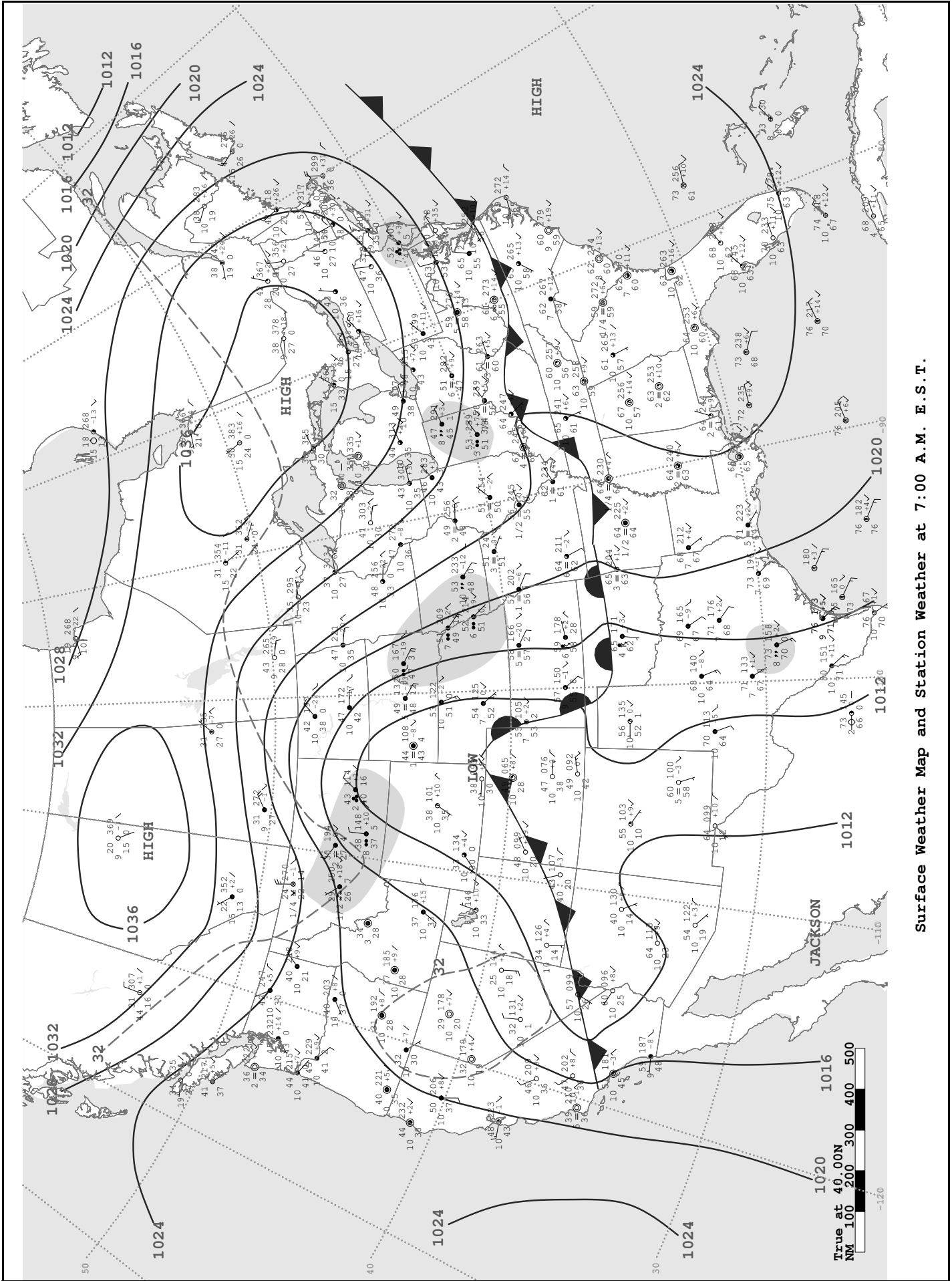
Dew Point Temperature: 3-Digit Surface Pressure (in tenths): Ex: 989 = 998.9mb, 012 = 1001.2mb

3 Hour Pressure Tendency (in tenths): PP a

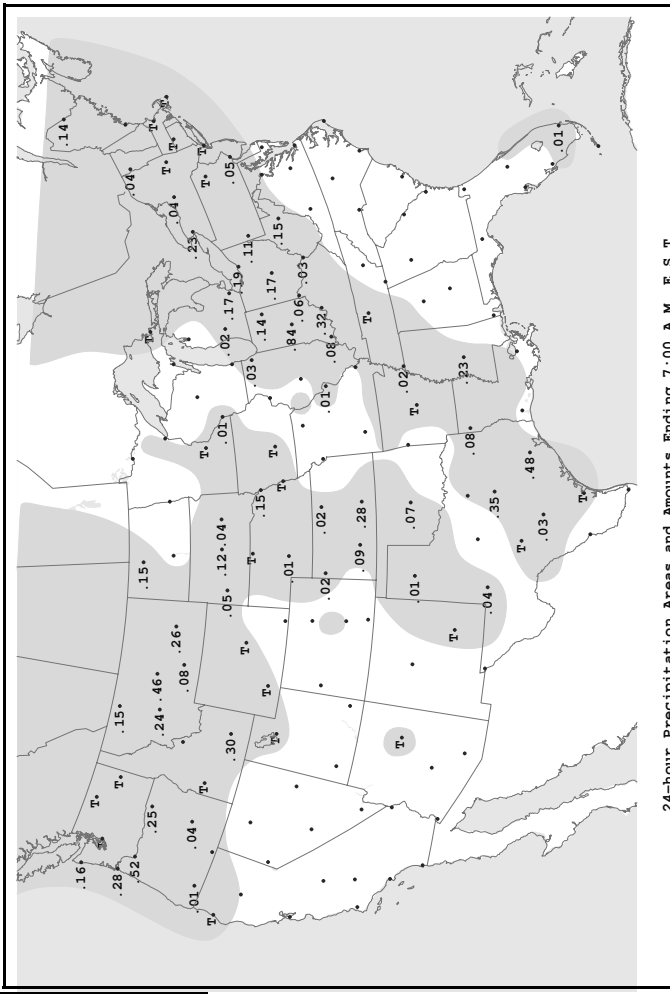
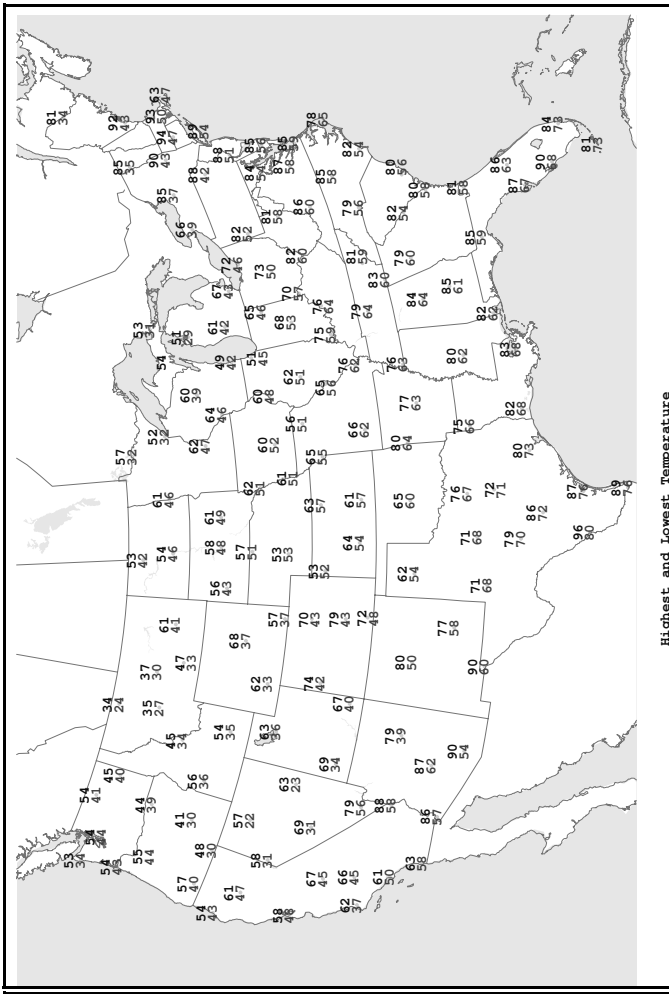
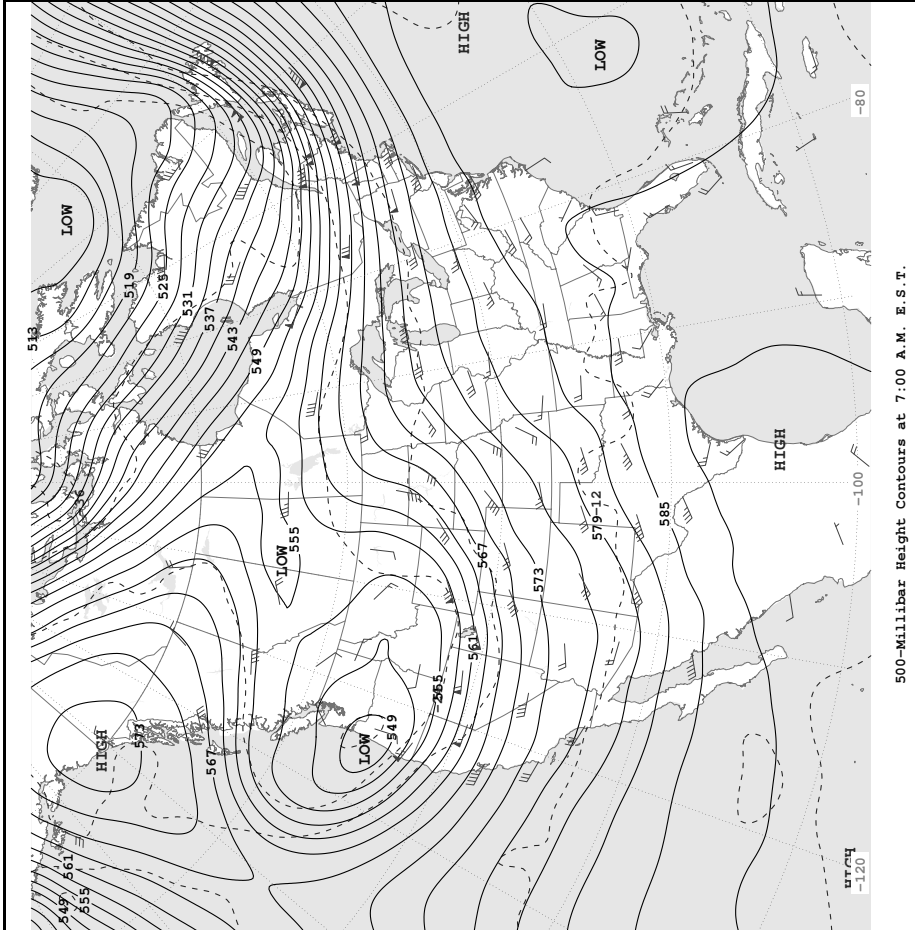
6 Hour Total Precipitation (in hundredths of an inch): RR

Sky Cover: Sky_Cover

TUESDAY, APRIL 28, 2009



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



Wind Direction: **F** — 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

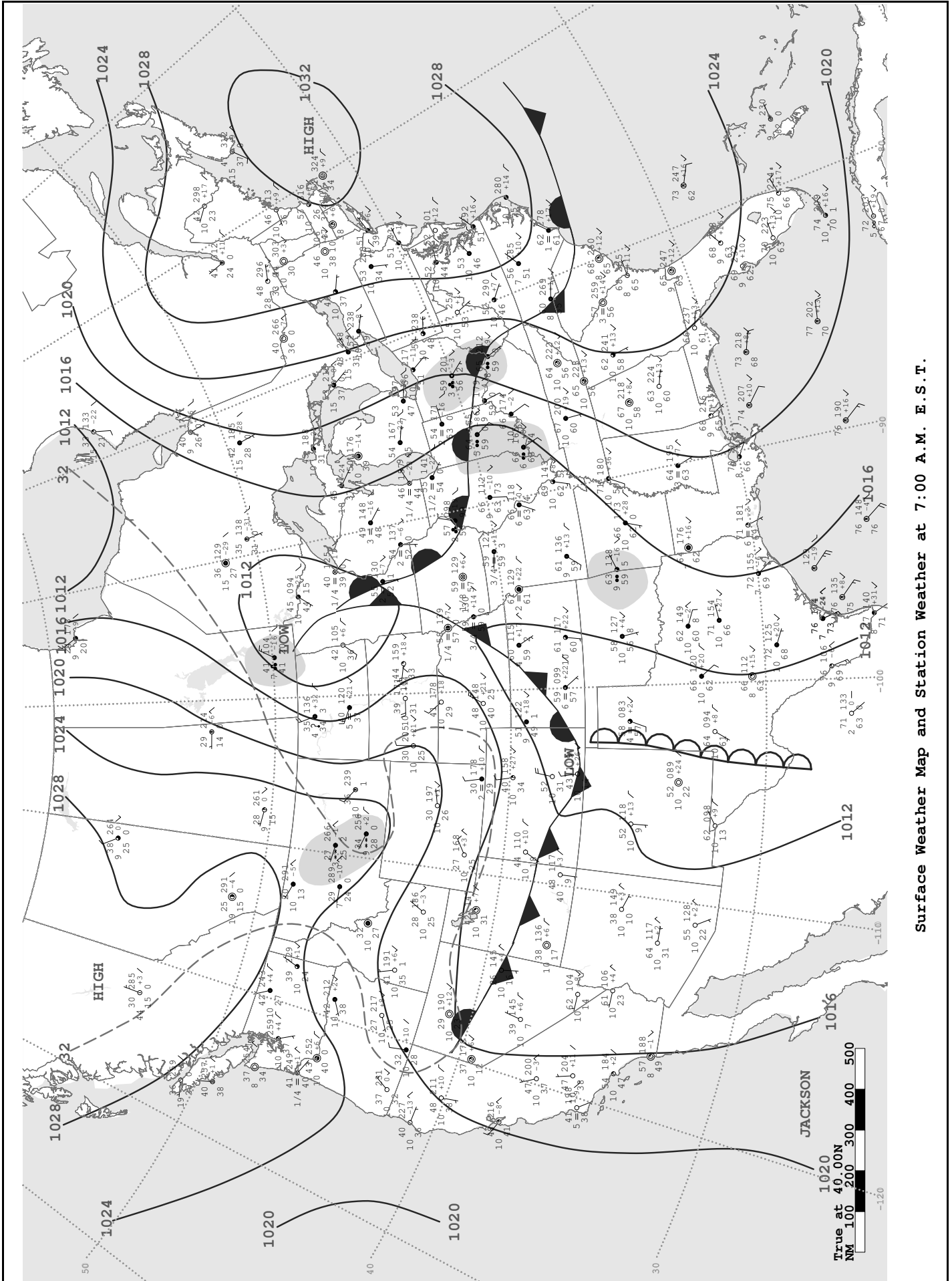
Visibility (in miles) **TT** — Present Weather Symbol **PP** — 3 Hour Pressure Tendency (in tenths)

Dew Point Temperature **V** **WW** — 6 Hour Total Precipitation (in hundredths of an inch)

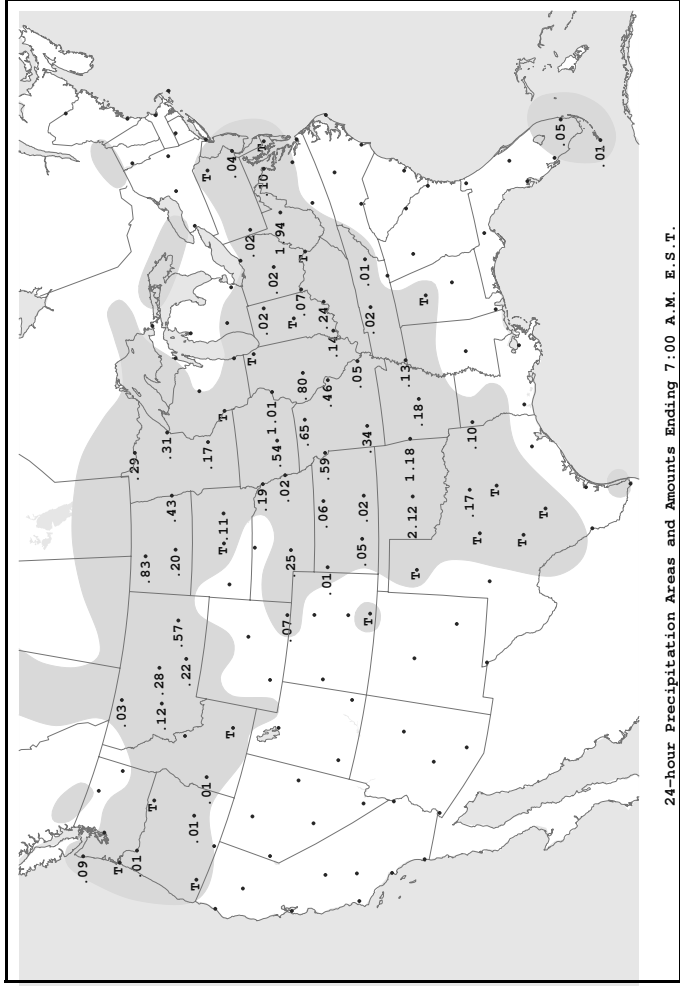
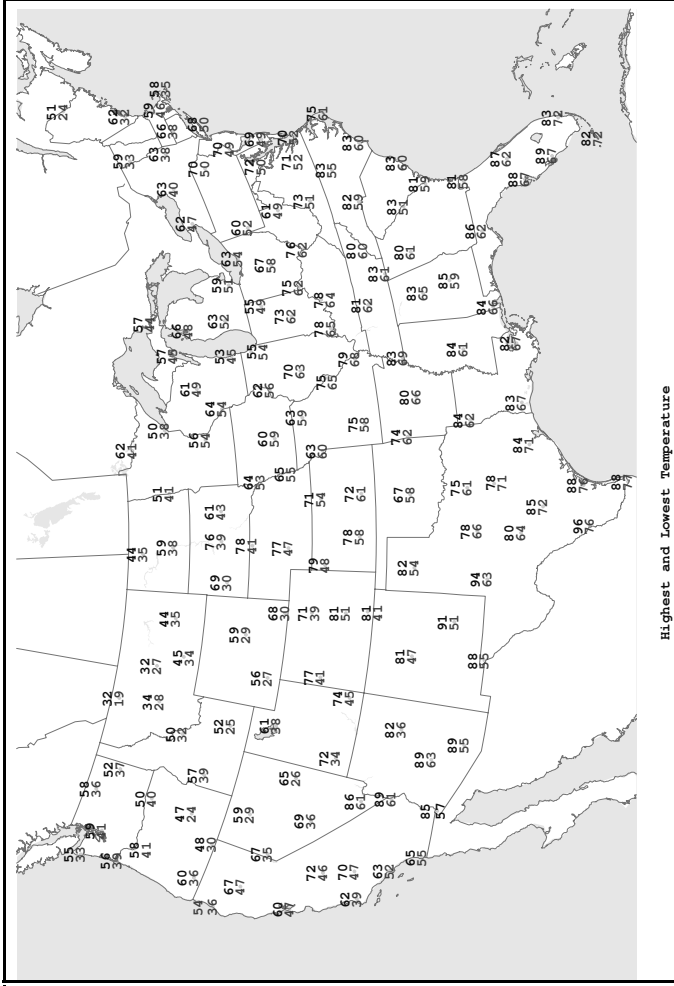
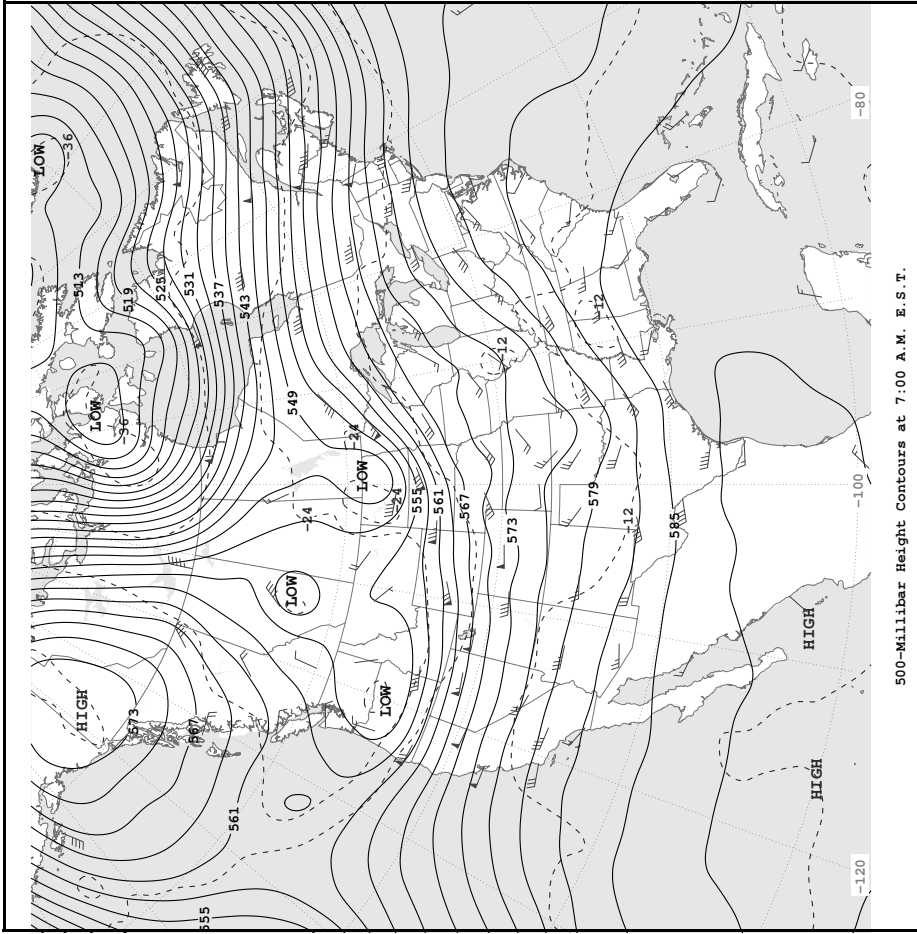
TD — Sky Cover

Station Model

WEDNESDAY, APRIL 29, 2009



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



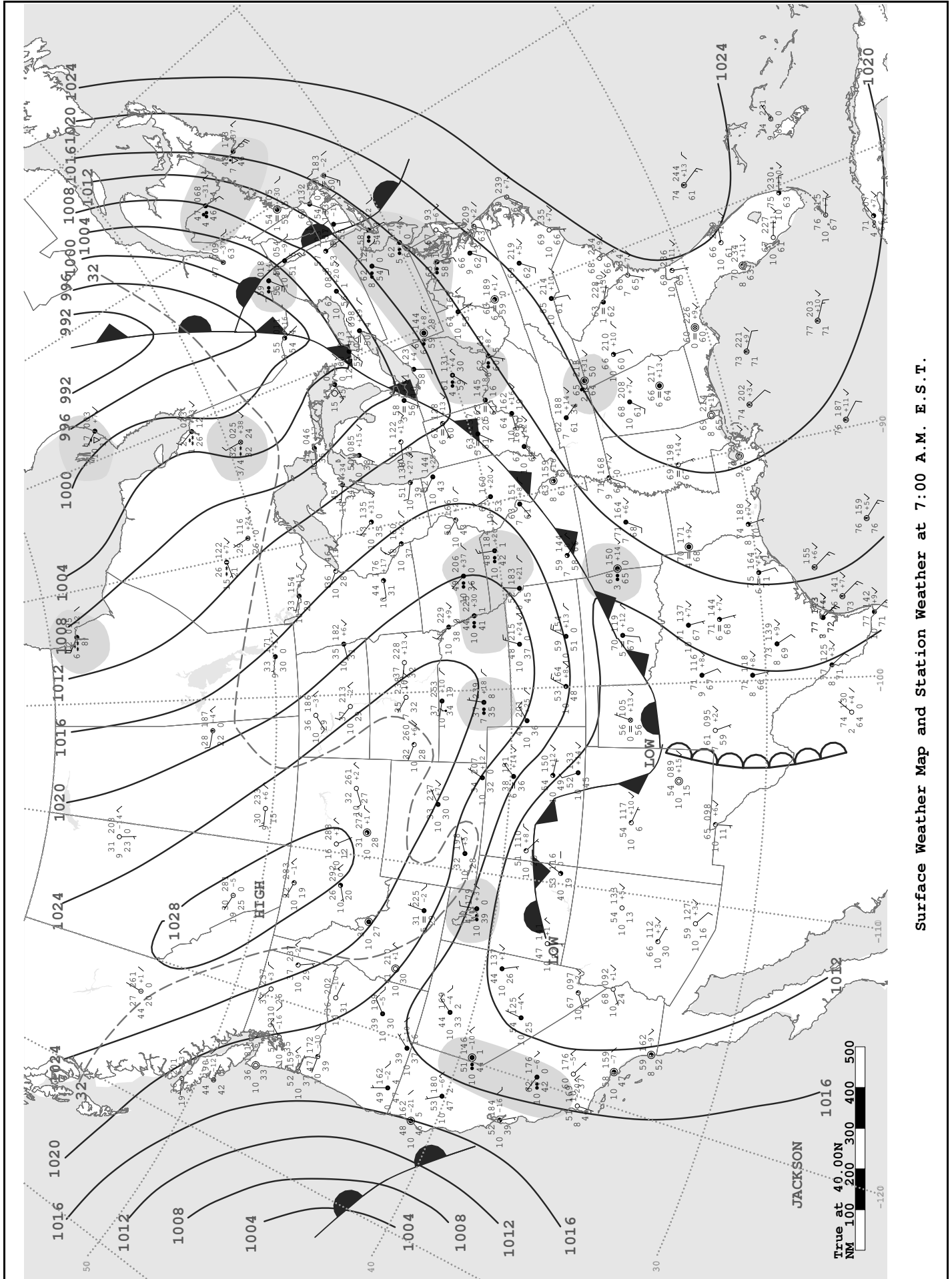
Station Model

The station model diagram consists of several elements:

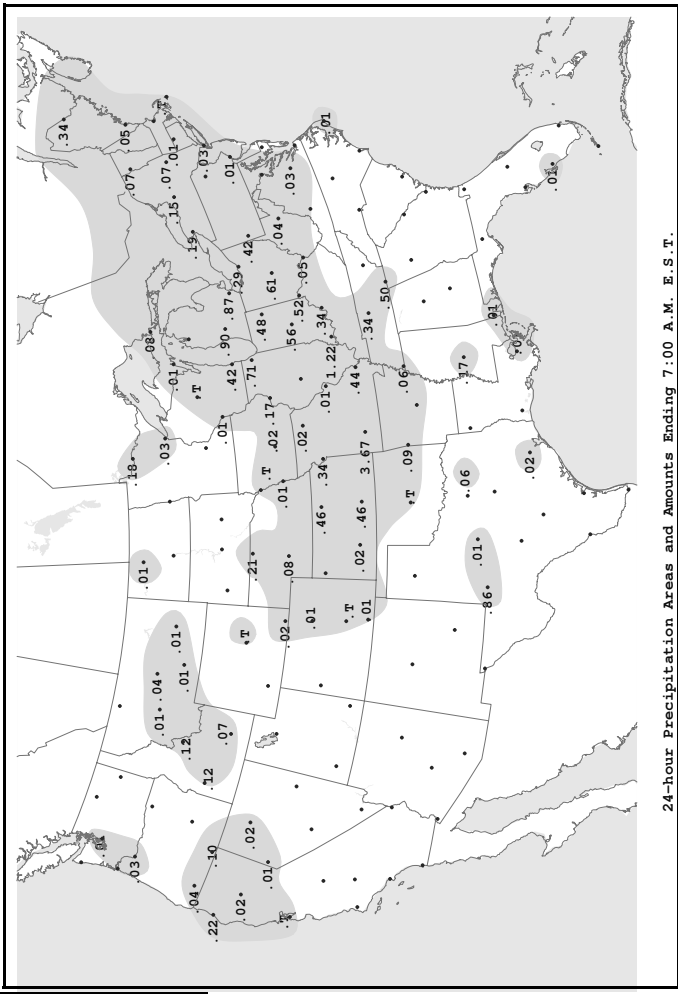
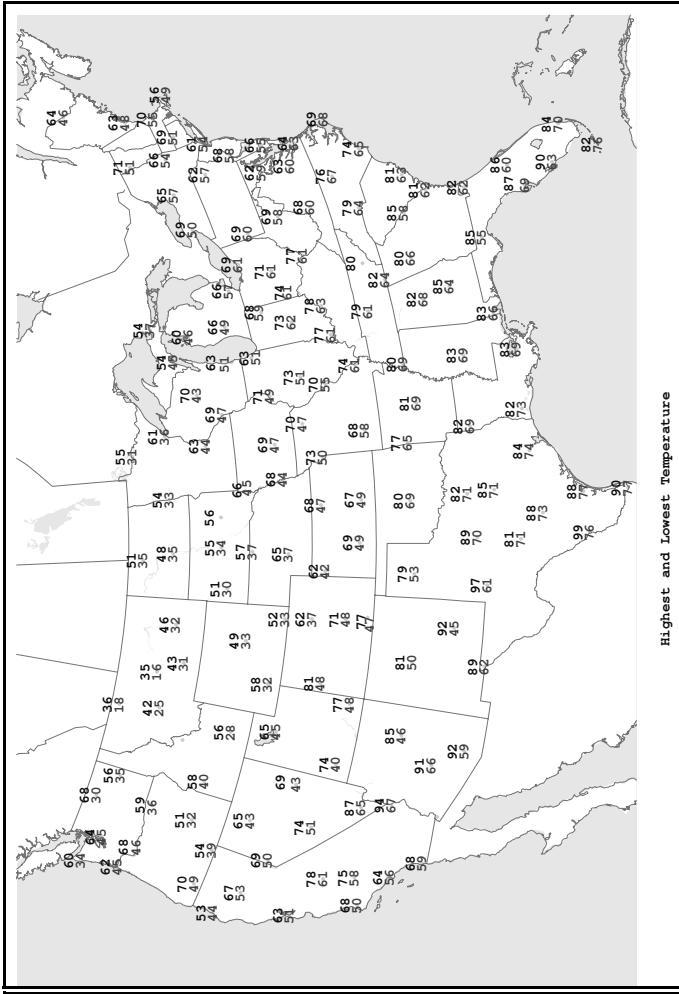
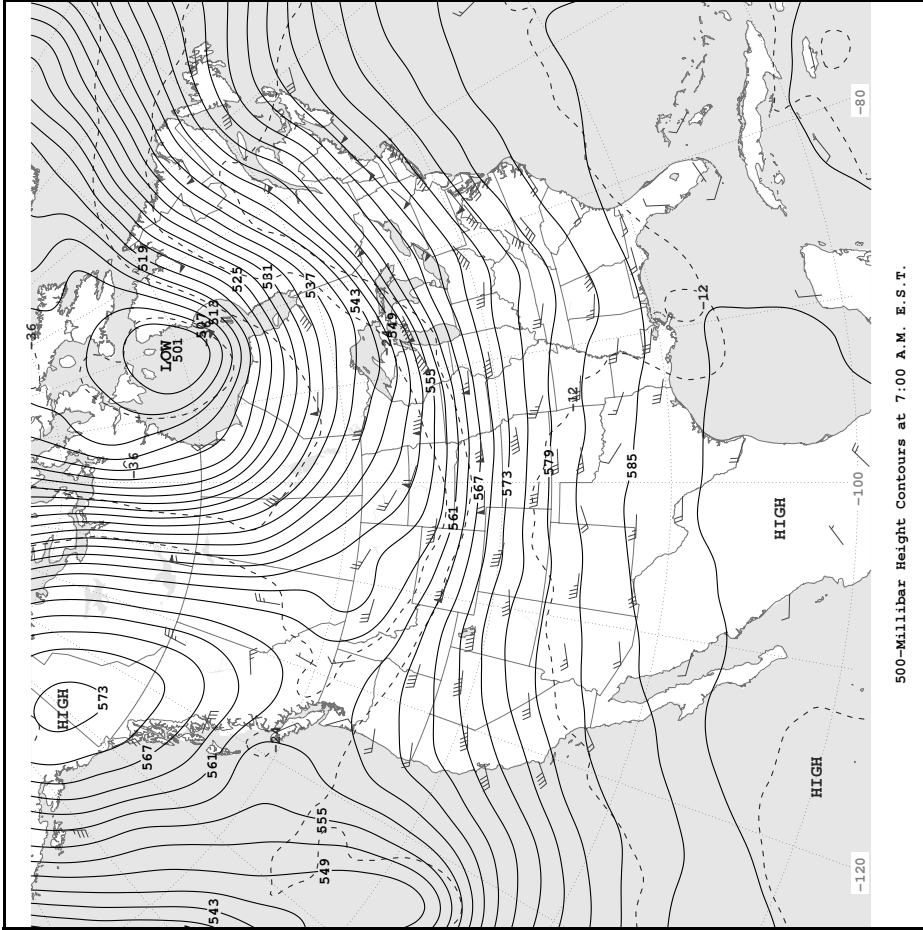
- Wind Direction:** Indicated by a long feather (10 knots) and a short feather (5 knots).
- Current Temperature (in °F):** Represented by a large 'F'.
- Wind Speed:** Represented by the length of the feathers.
- Visibility (in miles):** Represented by the number 'V'.
- Present Weather Symbol:** Represented by a circle containing a symbol (e.g., 'PP' for precipitation).
- Dew Point Temperature:** Represented by 'DD'.
- 3-Digit Surface Pressure (in tenths):** Represented by 'PPP'.
- 3 Hour Pressure Tendency (in tenths):** Represented by 'PP a'.
- 6 Hour Total Precipitation (in hundredths of an inch):** Represented by 'RR'.
- Sky Cover:** Represented by a horizontal line.

Examples of values shown in the diagram: Current Temperature = 98.9, Wind Speed = 10 knots, Visibility = 10.0 miles, Present Weather = Precipitation (PP), Dew Point = 99.9, 3 Hour Pressure Tendency = 0.2, 6 Hour Total Precipitation = 0.1.

THURSDAY, APRIL 30, 2009

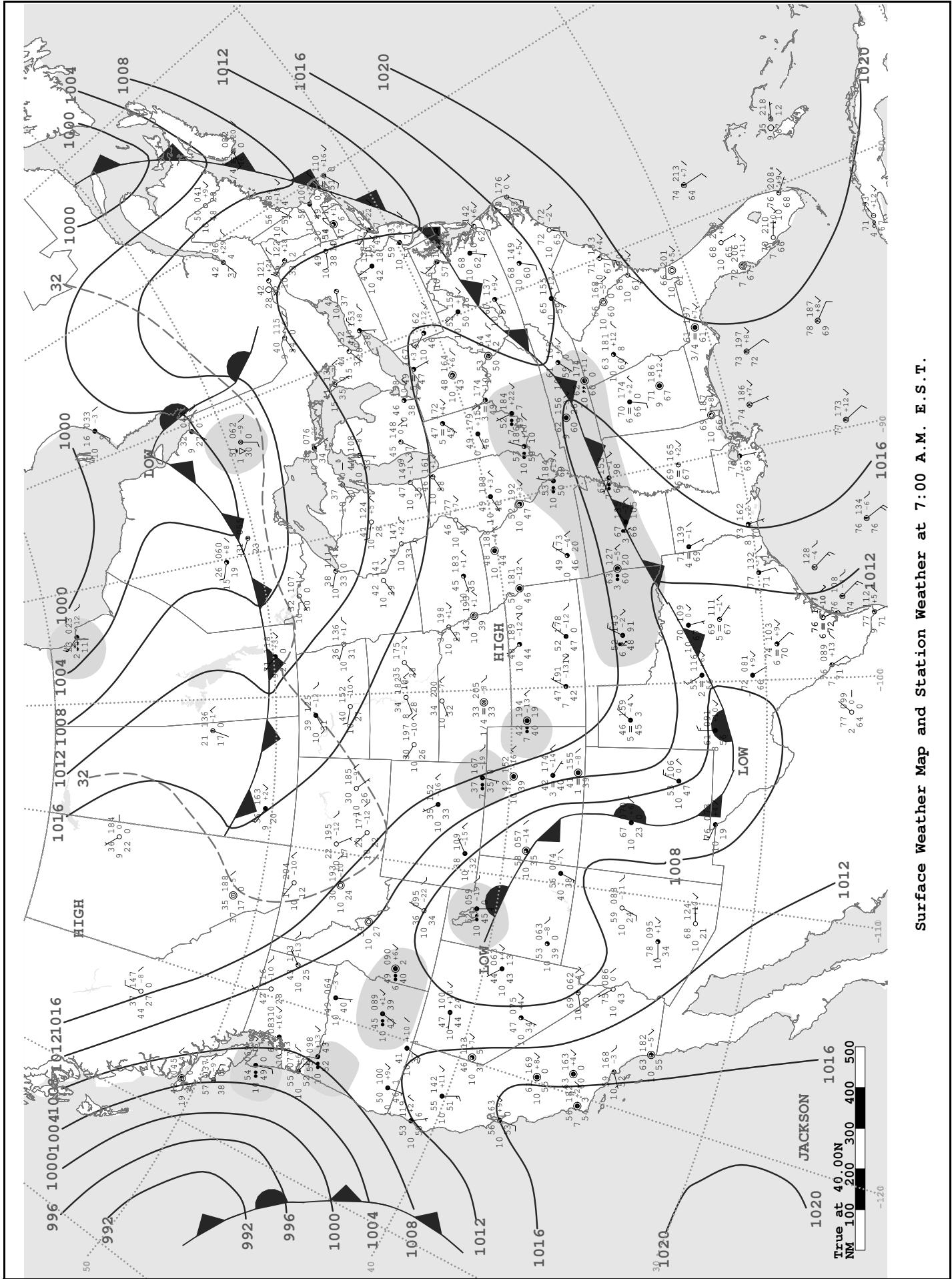


Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.

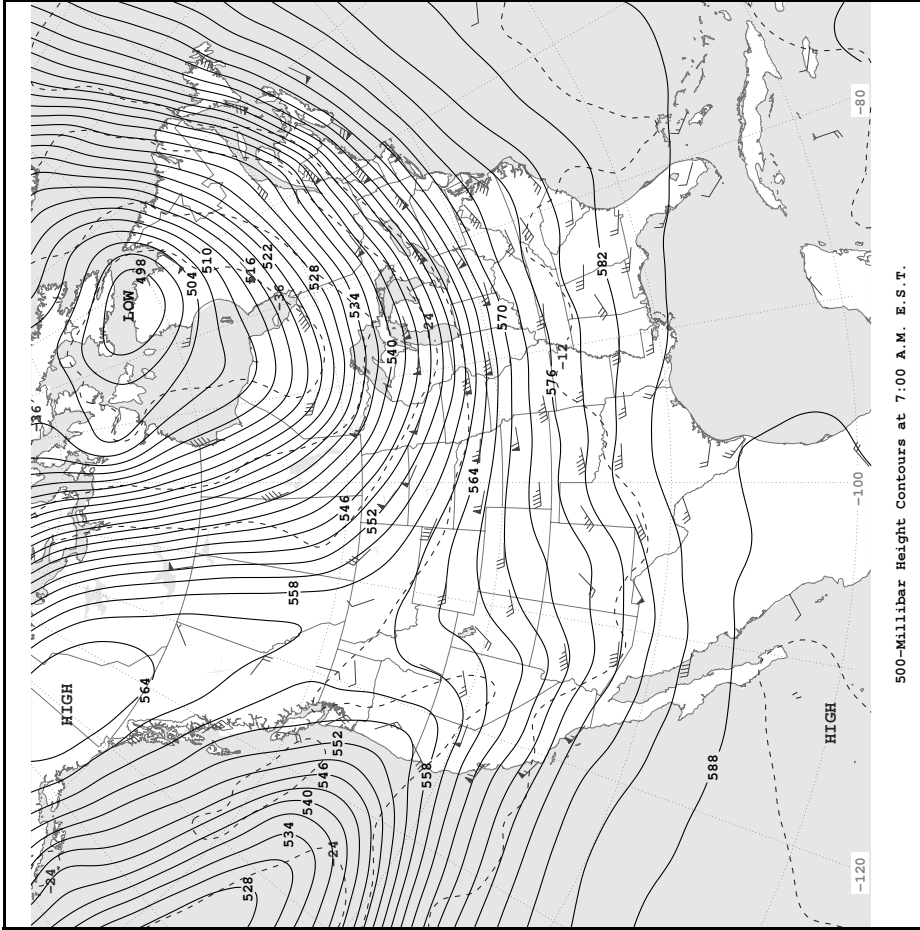


Wind Direction: **F**
 Current Temperature (in °F): **dd**
 Visibility (in miles): **V**
 Present Weather Symbol: **●**
 Dew Point Temperature: **TT**
 Wind Speed: Long Feather - 10 knots, Short Feather - 5 knots
 3-Digit Surface Pressure (in tenths): Ex: 989 = 998.9mb, 012 = 1001.2mb
 3 Hour Pressure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

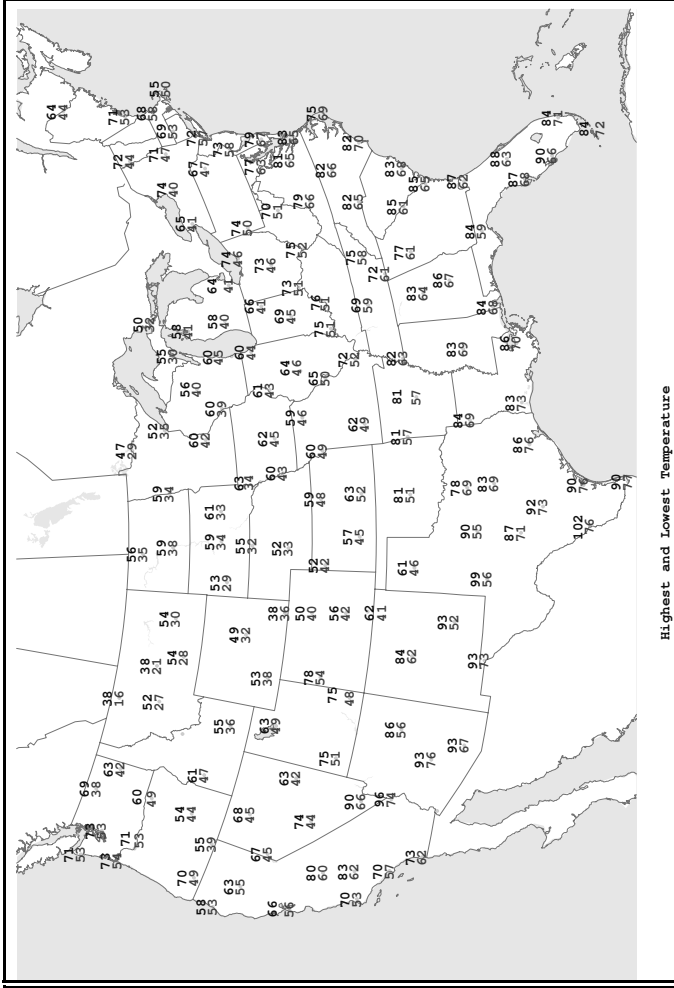
FRIDAY, MAY 1, 2009



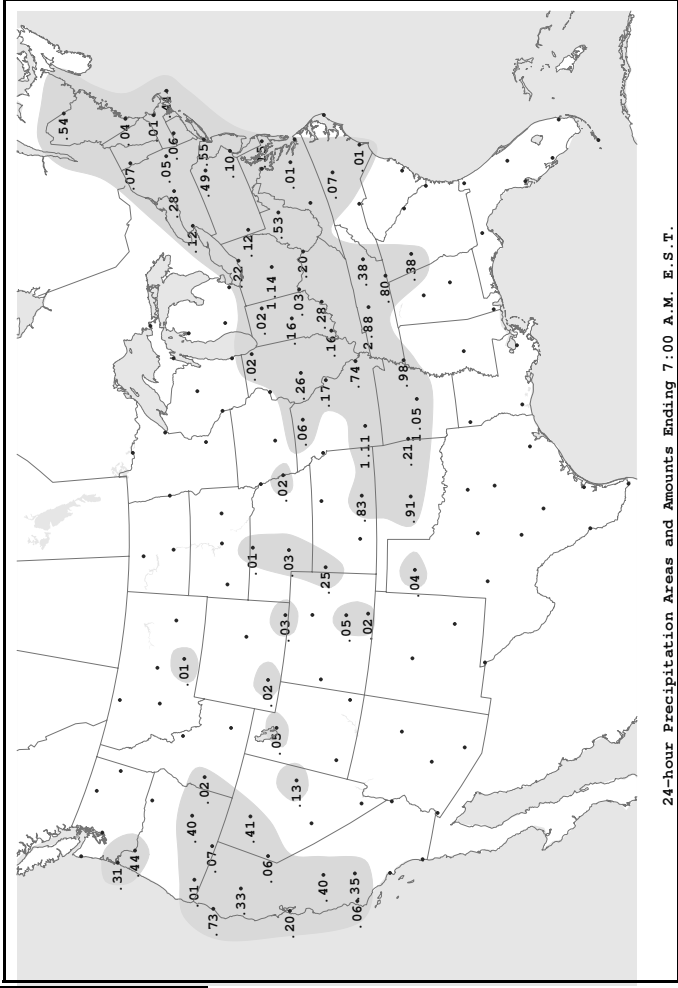
Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.



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: **F** (feather) **W** (wind) **W** (wind)

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

Current Temperature (in °F): **dd**

Visibility (in miles): **V**

Present Weather Symbol: **PPP**

Dew Point Temperature: **TT**

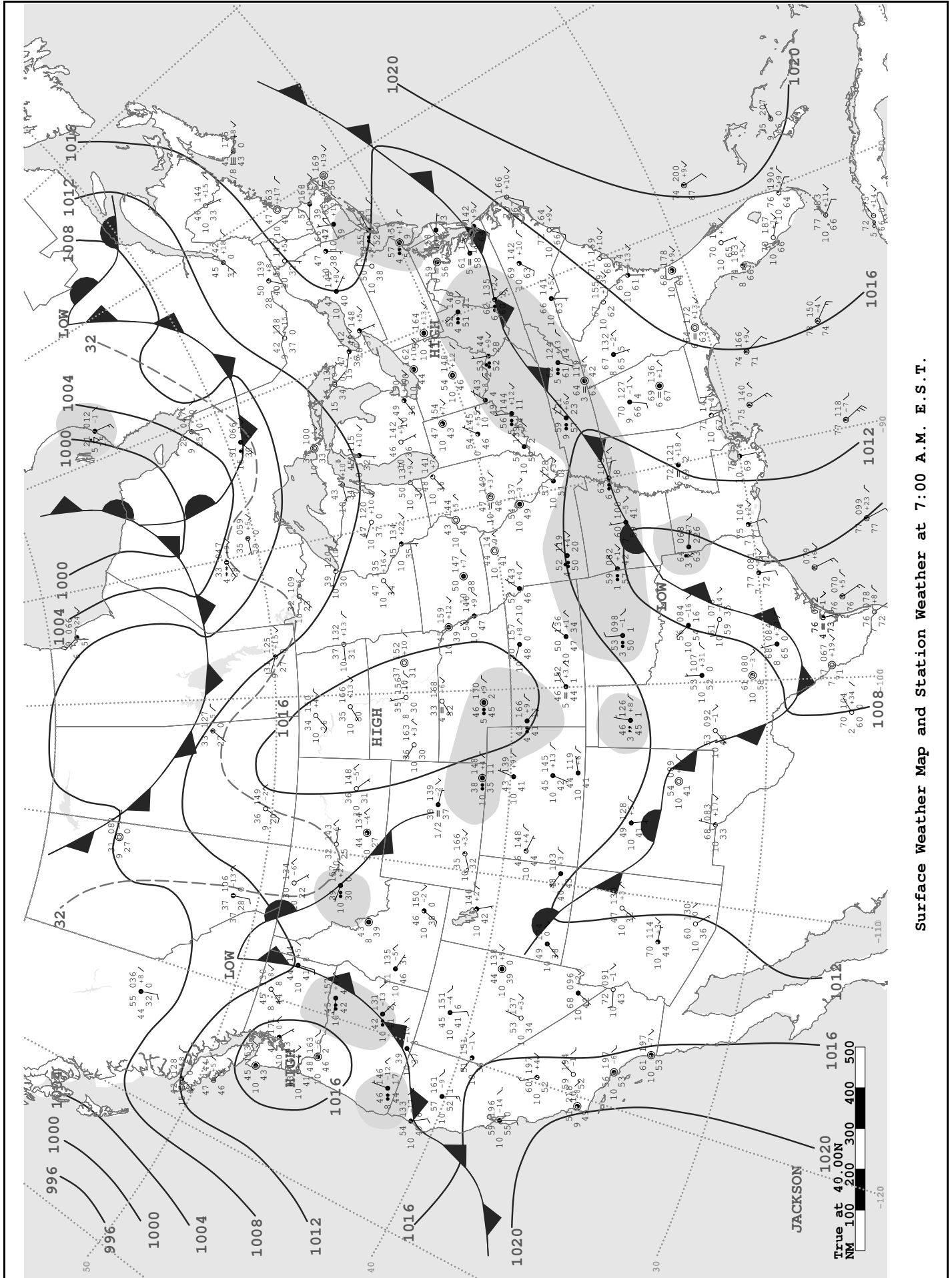
3-Digit Surface Pressure (in tenths): **PPP**

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

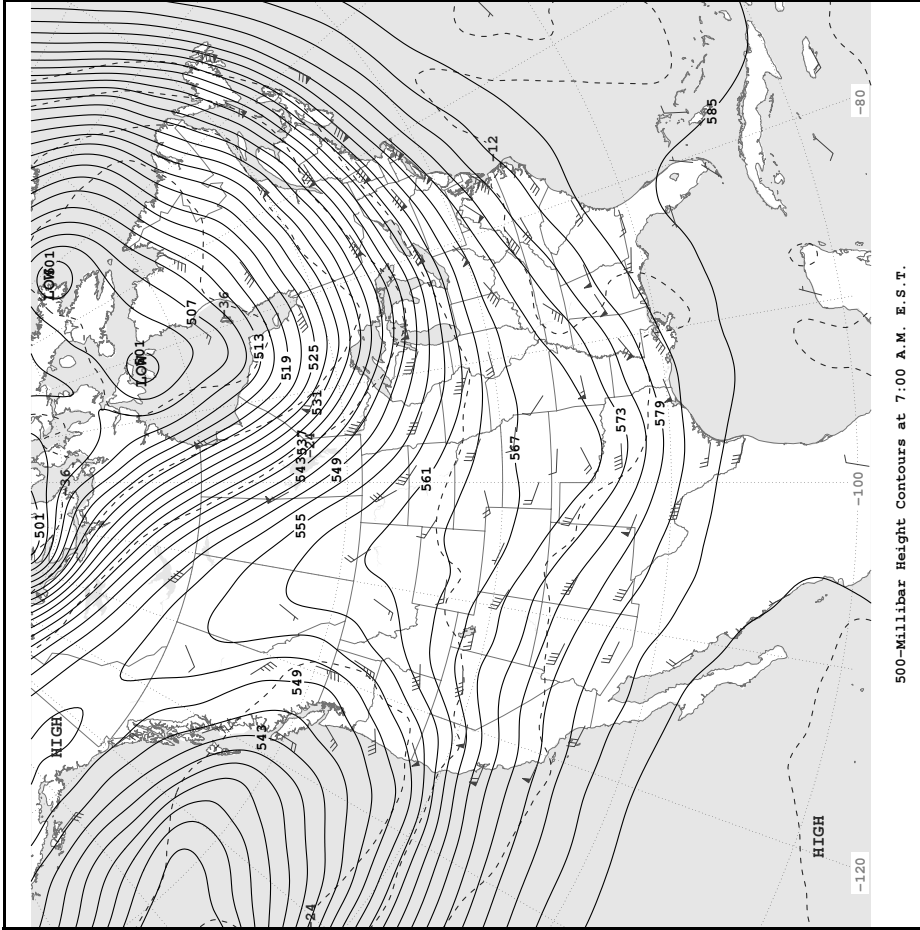
6 Hour Total Precipitation (in hundredths of an inch): **RR**

Sky Cover: **RR**

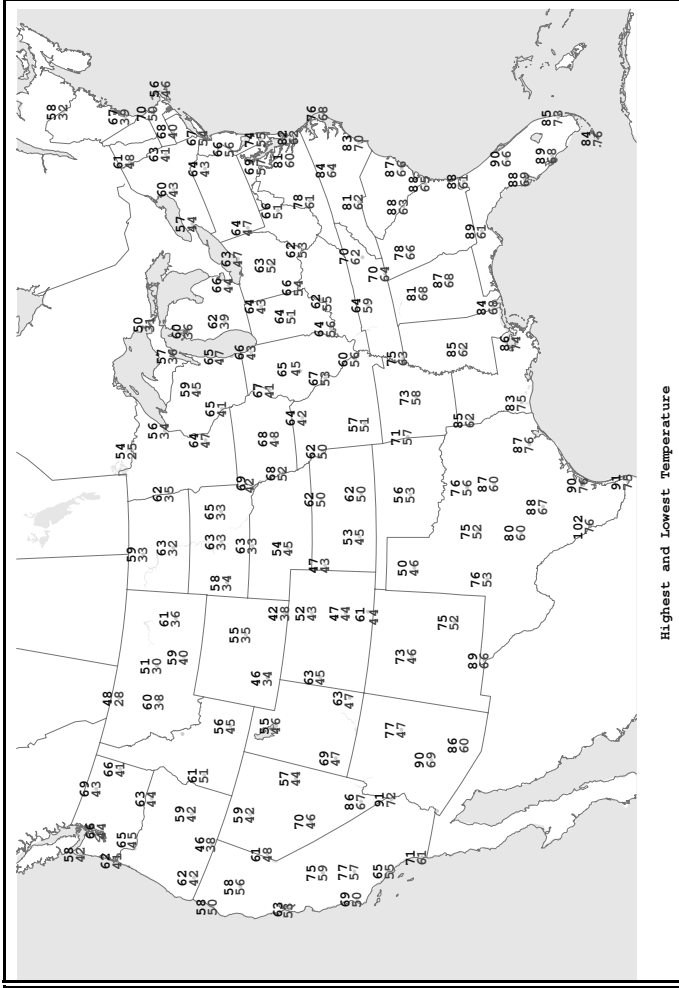
SATURDAY, MAY 2, 2009



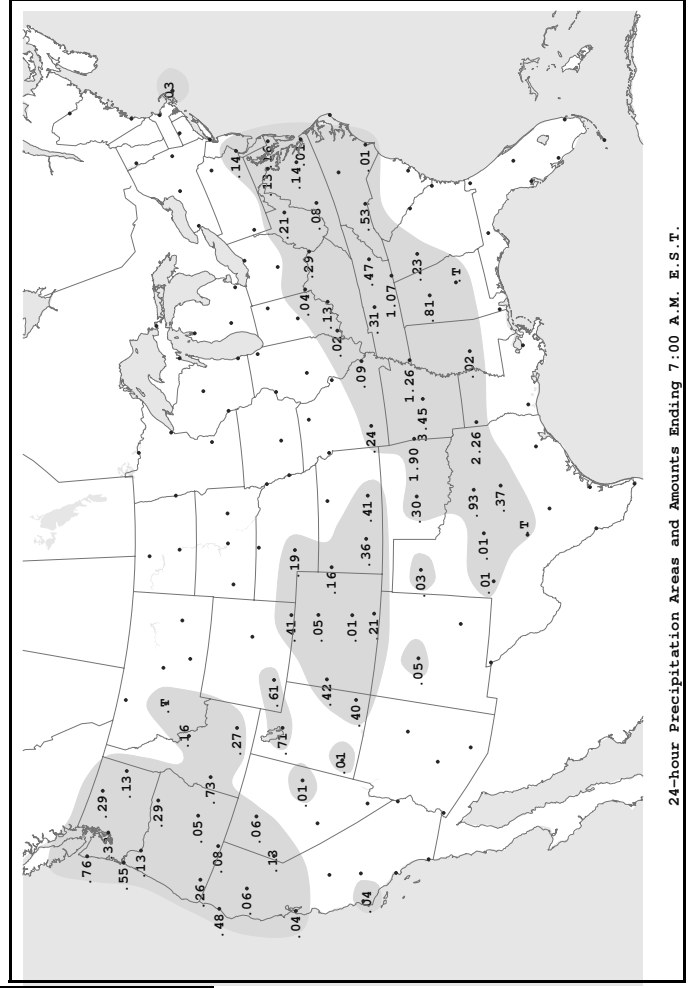
Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.



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) ——— V ——— PPP ——— 3-Digit Surface Pressure (in tenths). Ex: 989 = 998.9mb, 012 = 1001.2mb
 Present Weather Symbol ——— TT ——— PP a ——— 3 Hour Pressure Tendency (in tenths)
 Dew Point Temperature ——— TD ——— RR ——— 6 Hour Total Precipitation (in hundredths of an inch)
 Sky Cover ——— Sky_Cover

SUNDAY, MAY 3, 2009

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