



Daily Weather Maps

FEBRUARY 12, 2007 - FEBRUARY 18, 2007

Week 7

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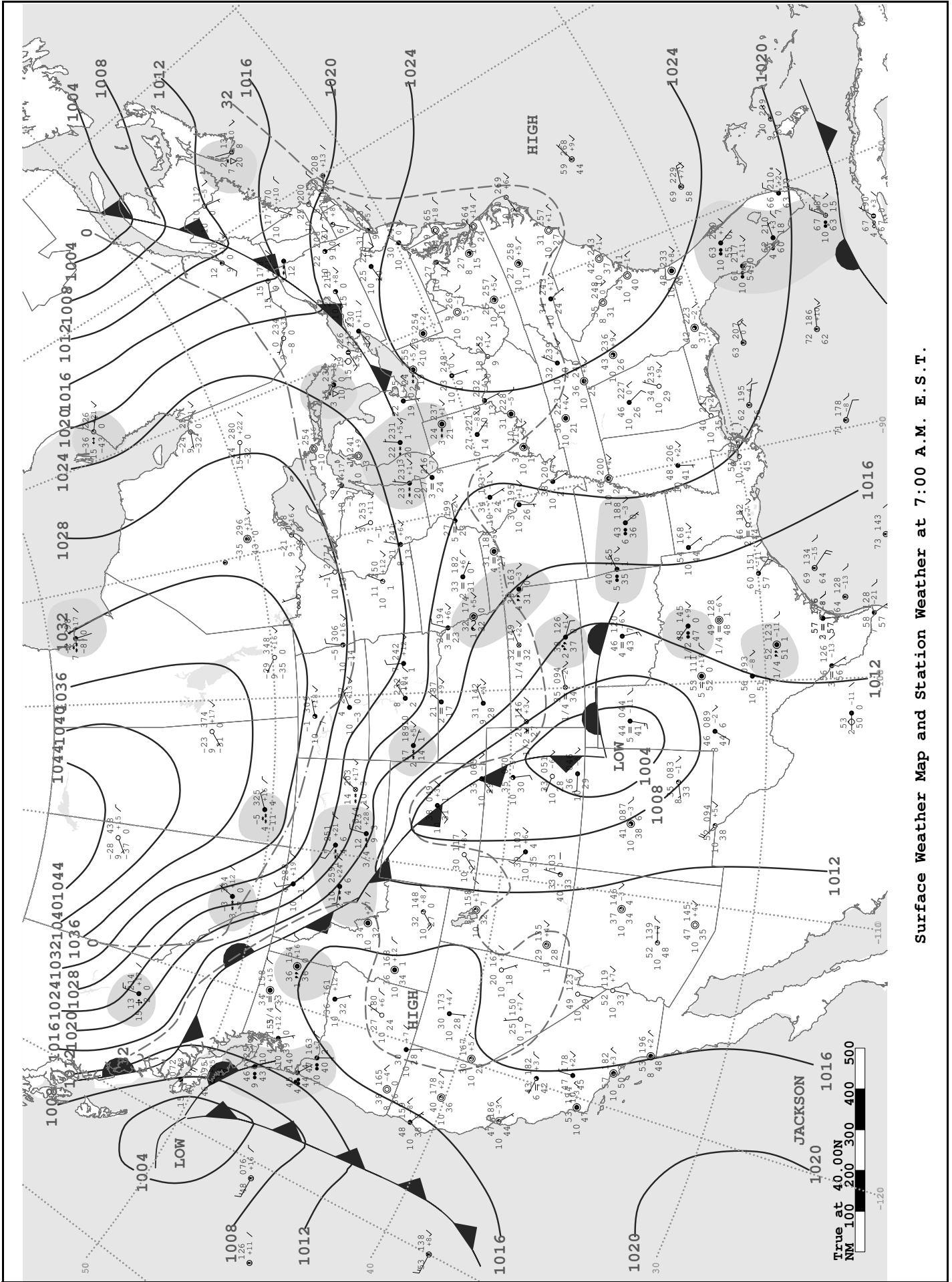
Correspondence to the meteorologists should be directed to: *Daily Weather Map*, NOAA/National Weather Service, Room 410, 5200 Auth Rd, Camp Springs, MD 20746.

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

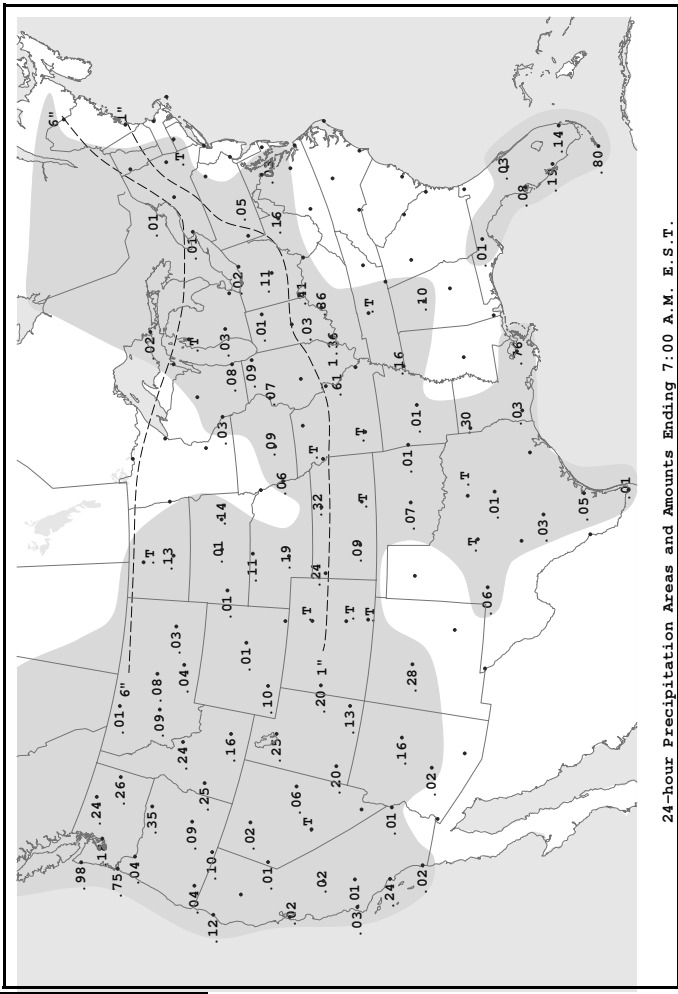
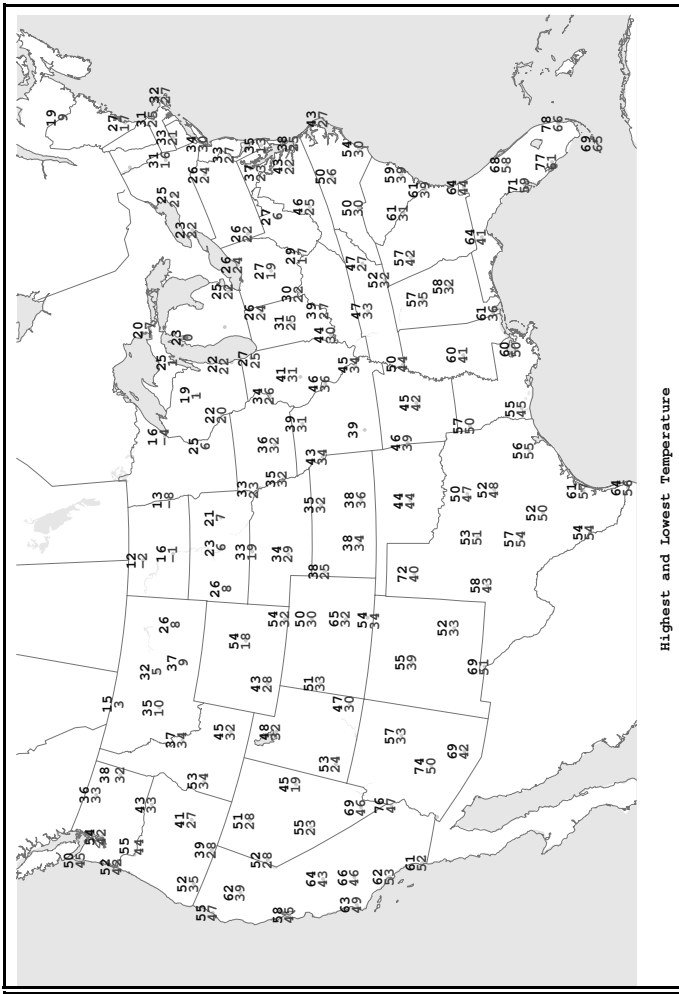
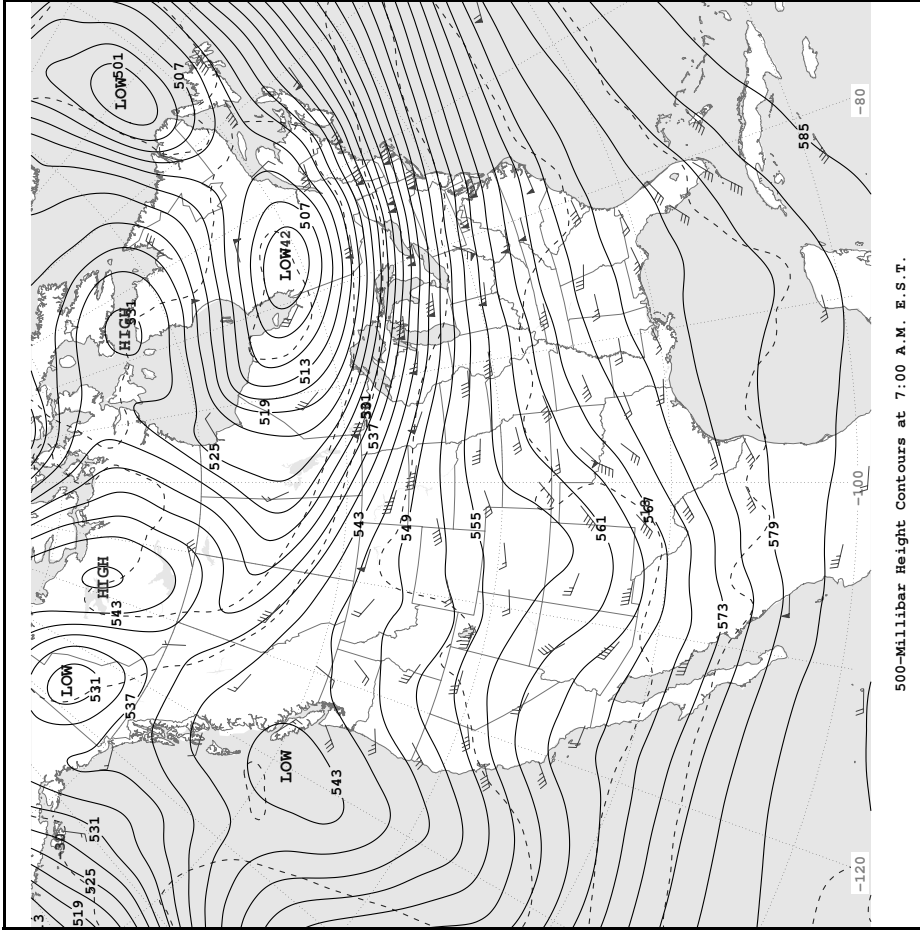
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Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.

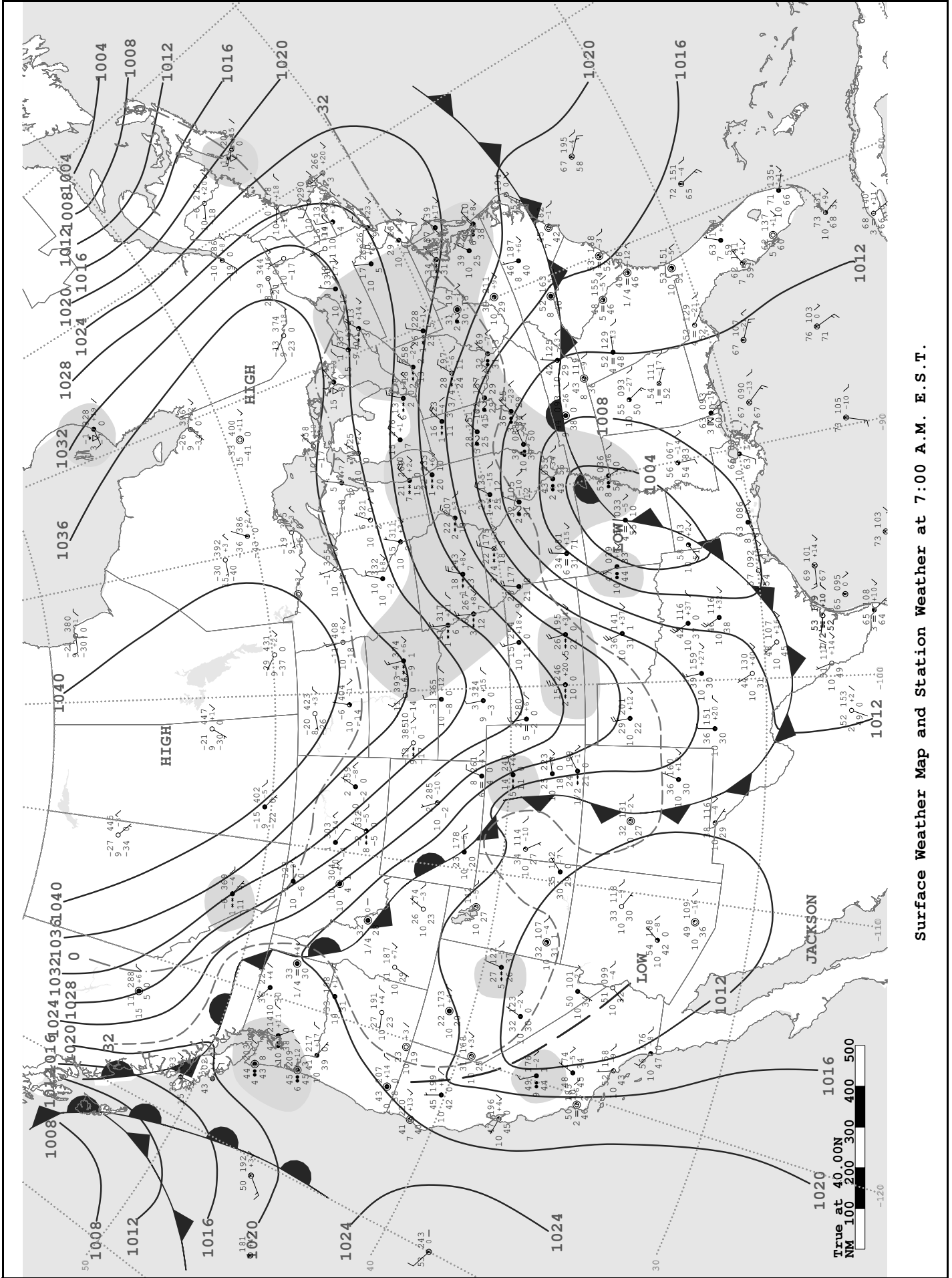


Station Model

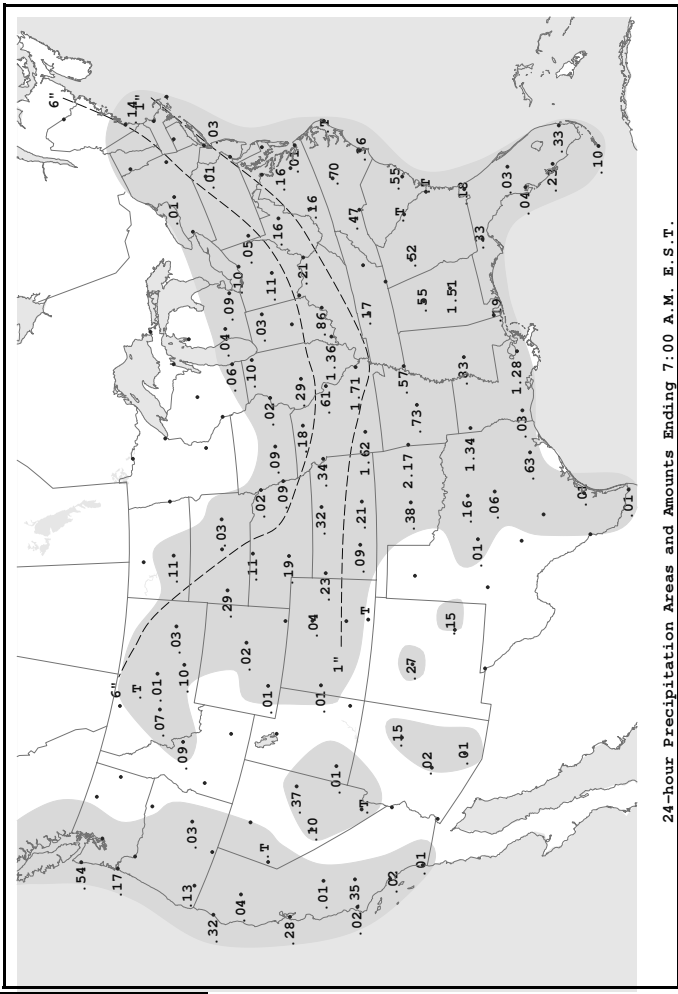
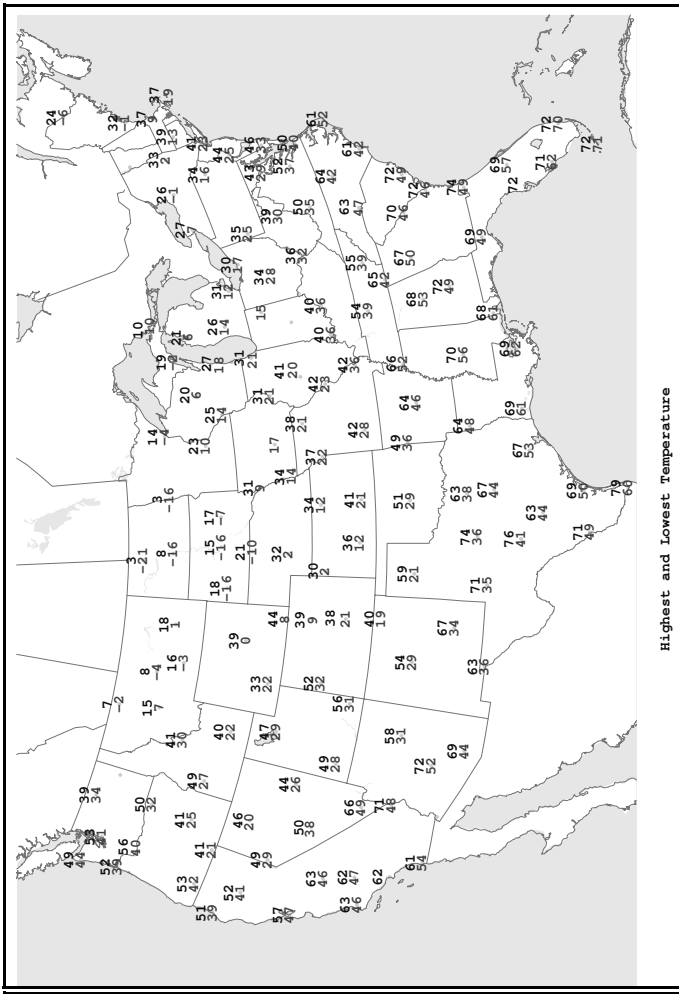
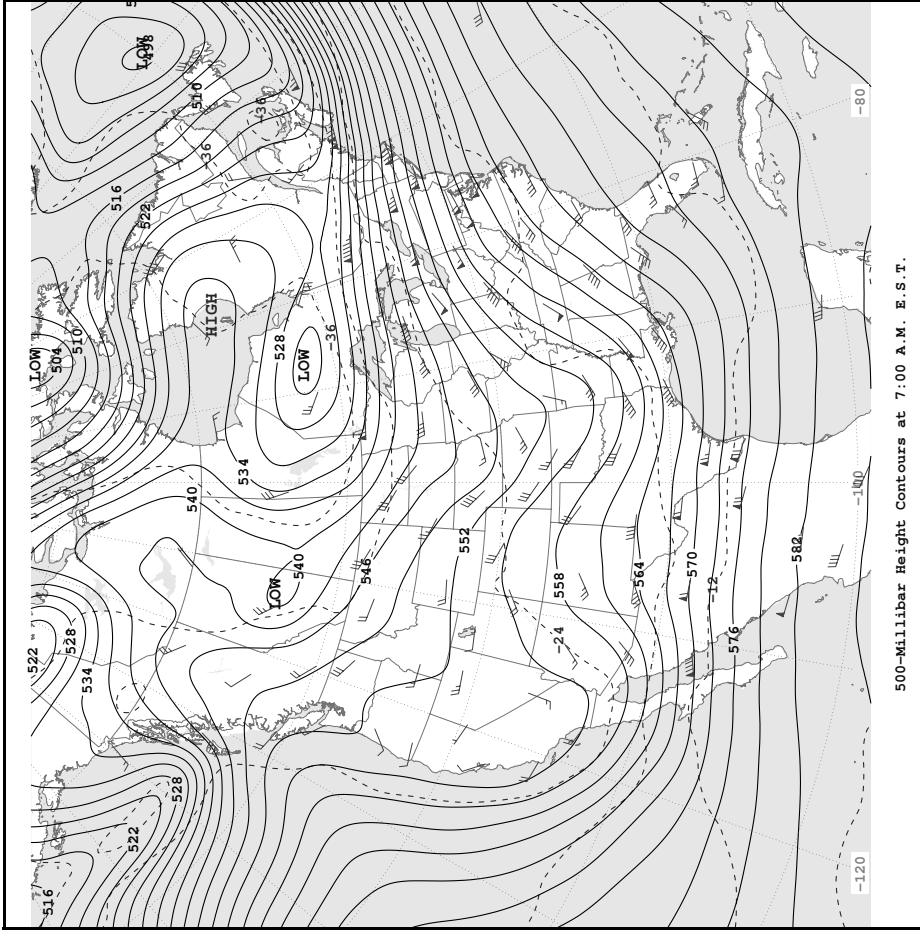
The diagram illustrates the components of a station model:

- Wind Direction:** Indicated by a long feather (10 knots) and a short feather (5 knots).
- Wind Speed:** Represented by the length of the feathers.
- Current Temperature (in °F):** Shown as a large 'F'.
- Visibility (in miles):** Shown as a large 'V'.
- Present Weather Symbol:** A large black circle.
- Dew Point Temperature:** Shown as a large 'D'.
- 3-Digit Surface Pressure (in tenths):** Shown as a large 'P'.
- 3 Hour Pressure Tendency (in tenths):** Shown as a large 'P'.
- 6 Hour Total Precipitation (in hundredths of an inch):** Shown as a large 'P'.
- Sky Cover:** Indicated by a horizontal line.

MONDAY, FEBRUARY 12, 2007



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



Station Model

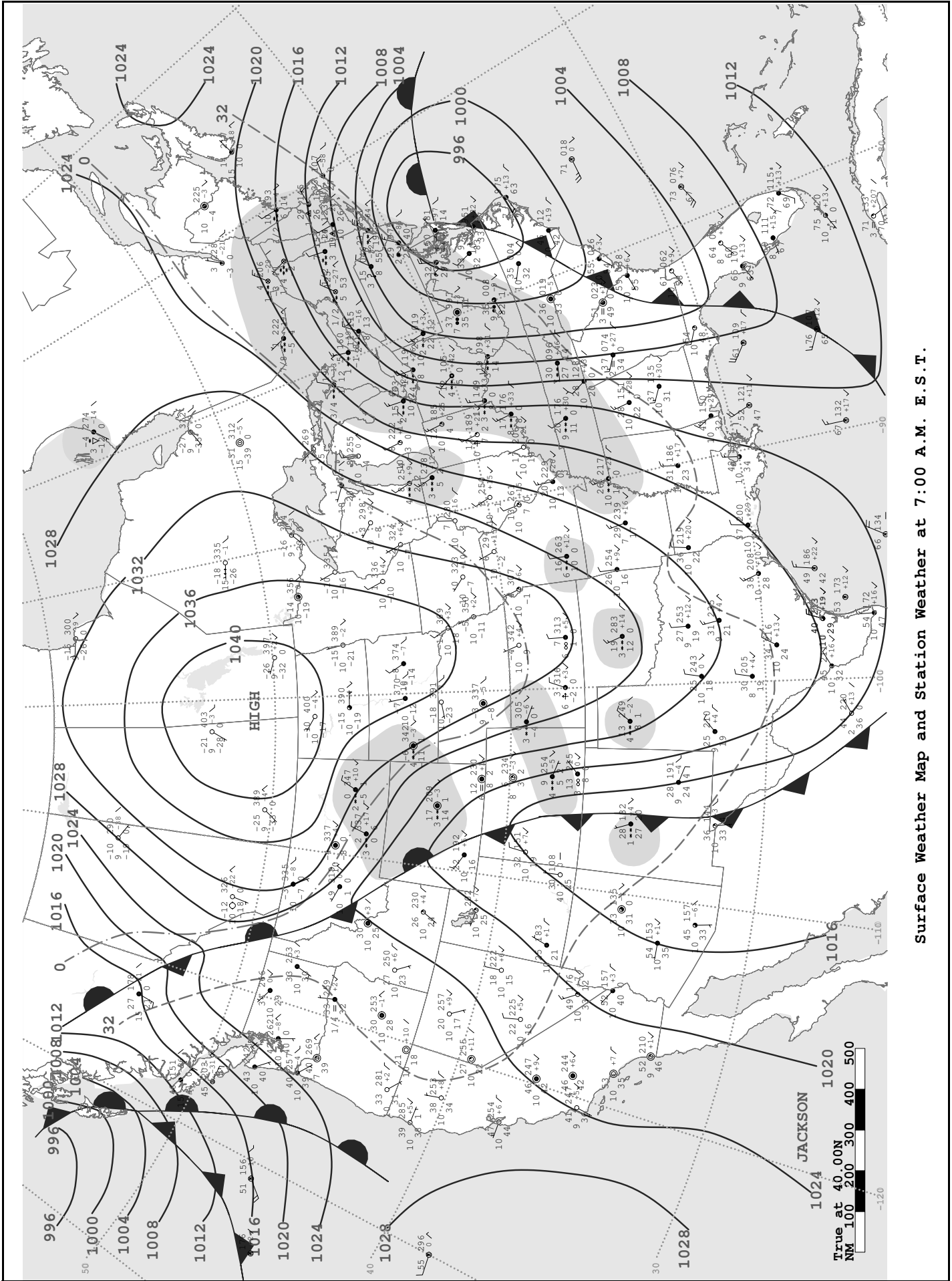
Wind Direction ——— Wind Speed
 Long Feather - 10 knots
 Short Feather - 5 knots

Current Temperature (in °F) ——— dd ——— ft
 Visibility (in miles) ——— TT ——— PPP
 Present Weather Symbol ——— V WW ——— PP a
 Dew Point Temperature ——— TD ——— RR ———
 Sky Cover ——— Sky_Cover

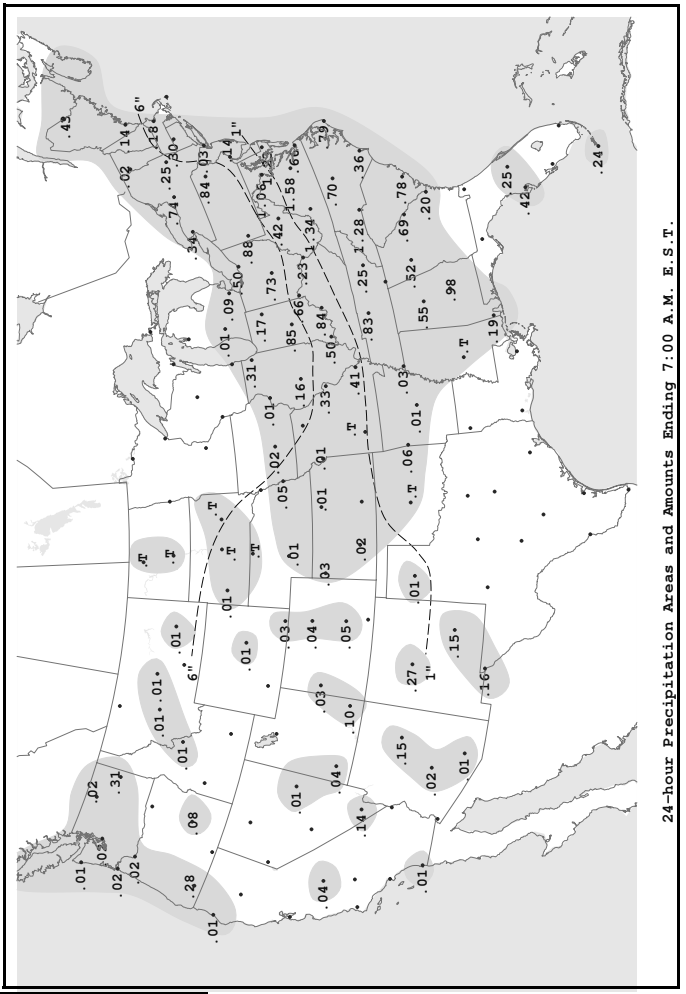
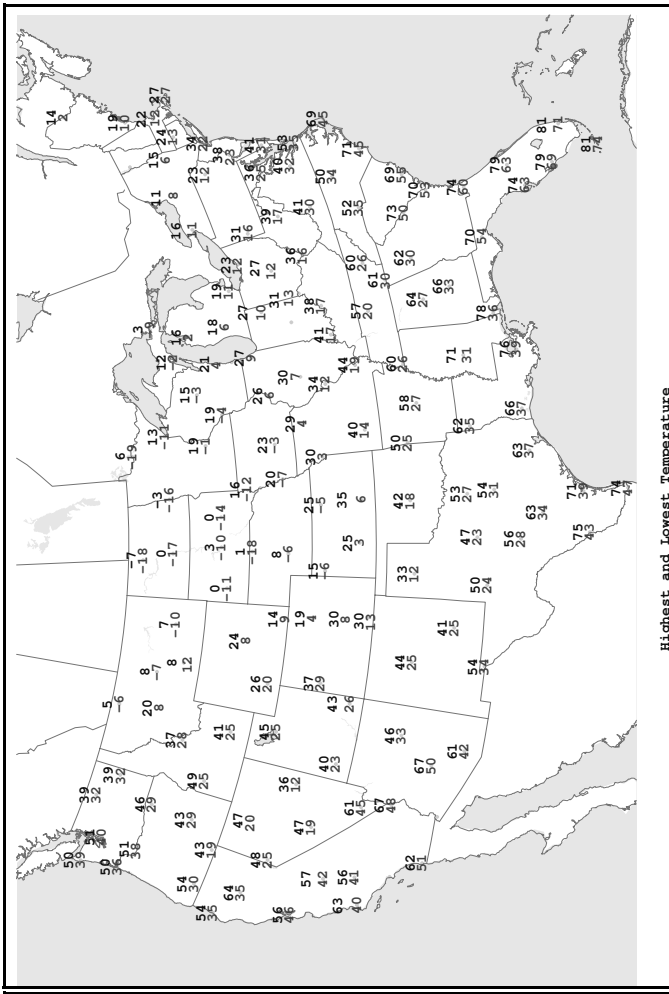
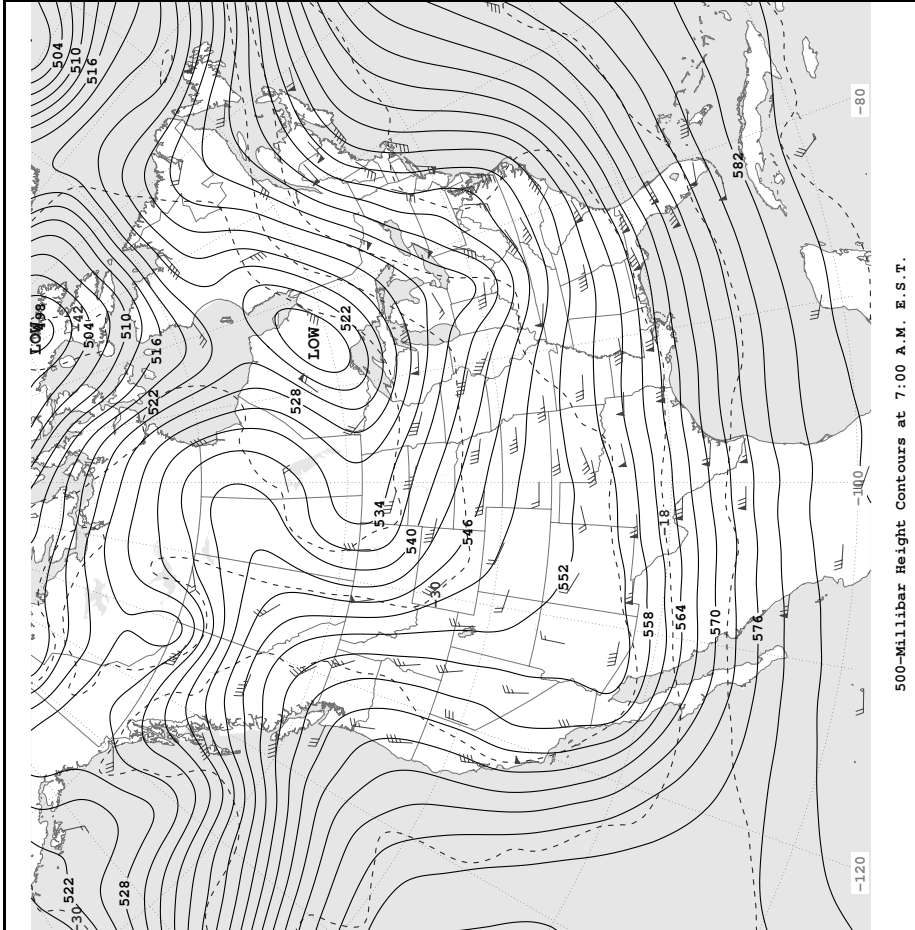
3-Digit Surface Pressure (in tenths). Ex:
 989 = 998.9mb
 012 = 1001.2mb

3 Hour Pressure Tendency (in tenths)
 6 Hour Total Precipitation (in hundredths of an inch)

TUESDAY, FEBRUARY 13, 2007



Surface Weather Map and Station Weather at 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**

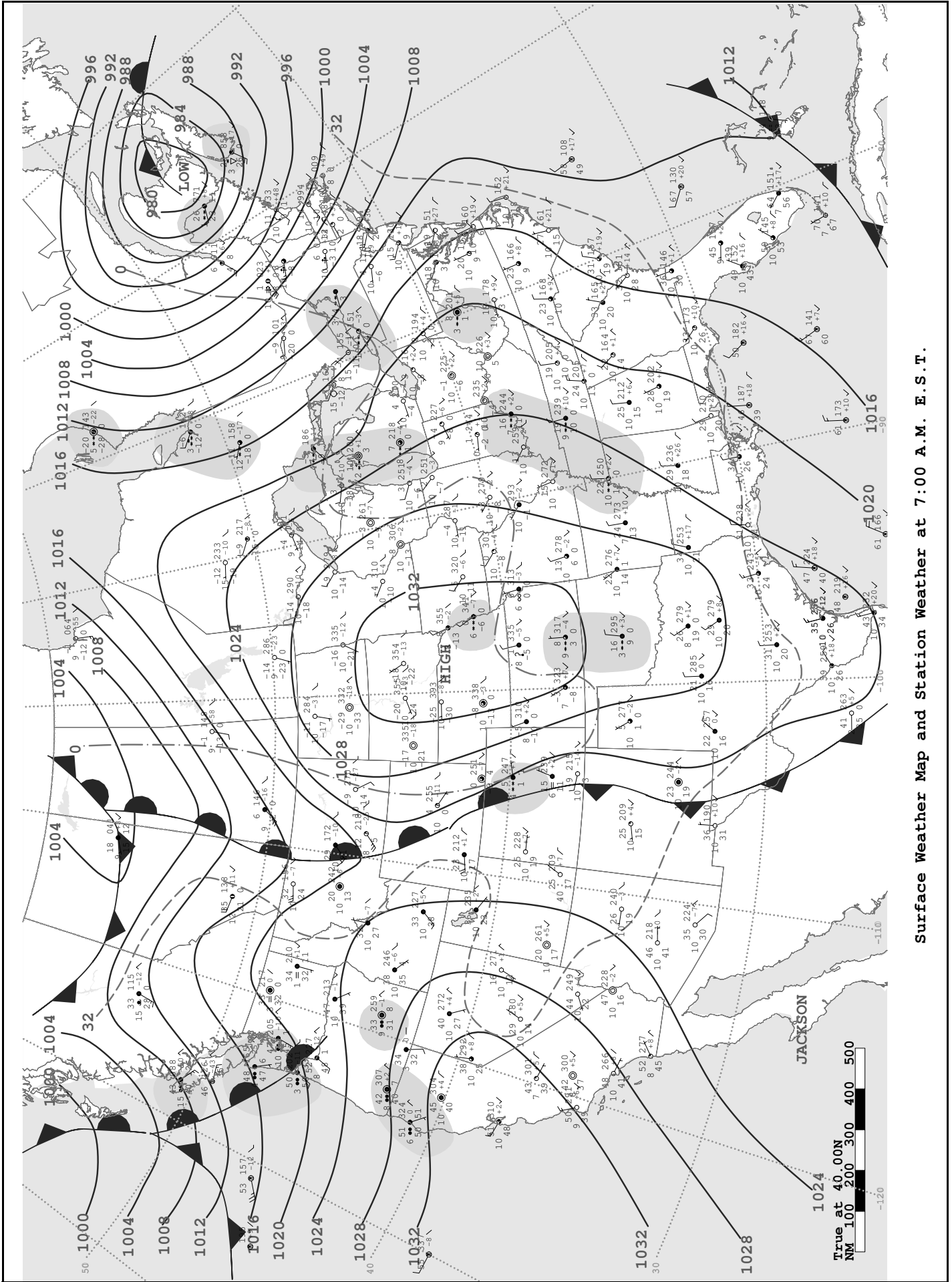
3-Digit Surface Pressure (in tenths): Ex: 989 = 998.9mb, 012 = 1001.2mb

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

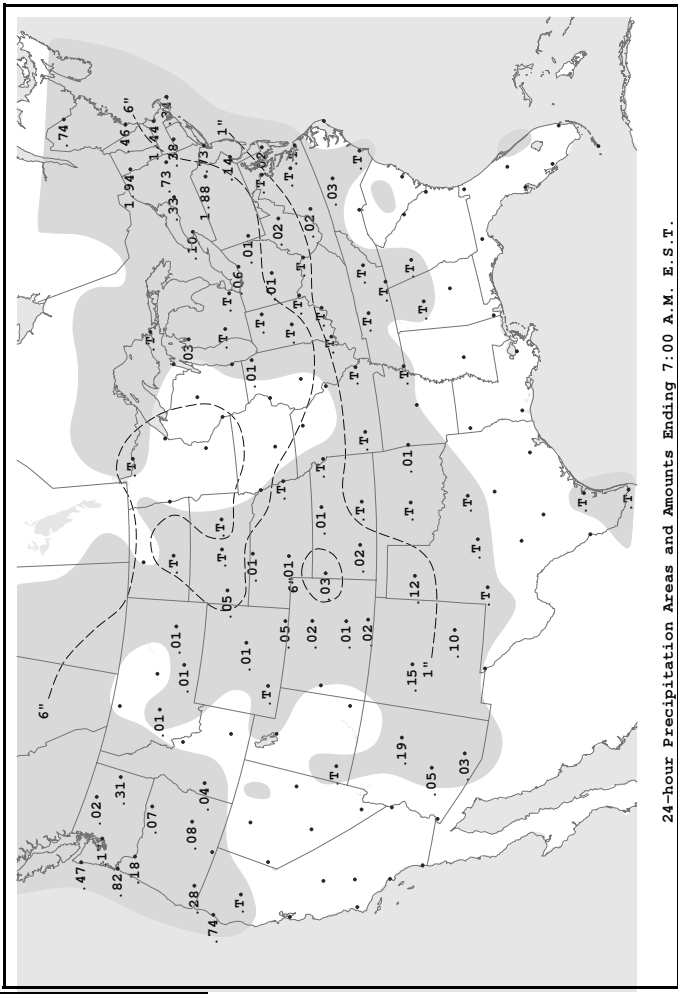
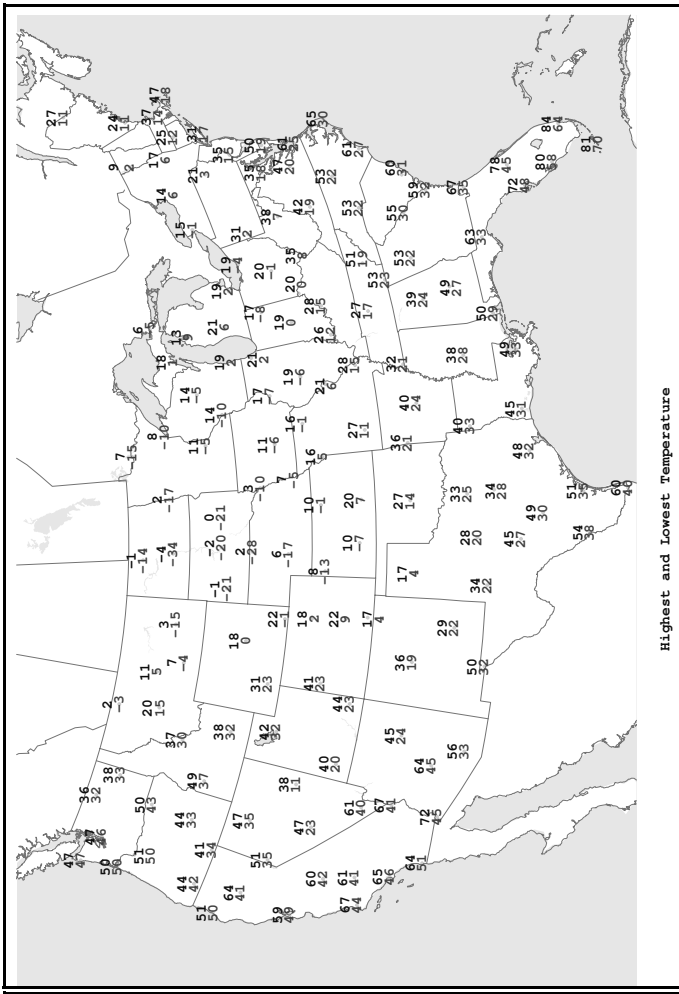
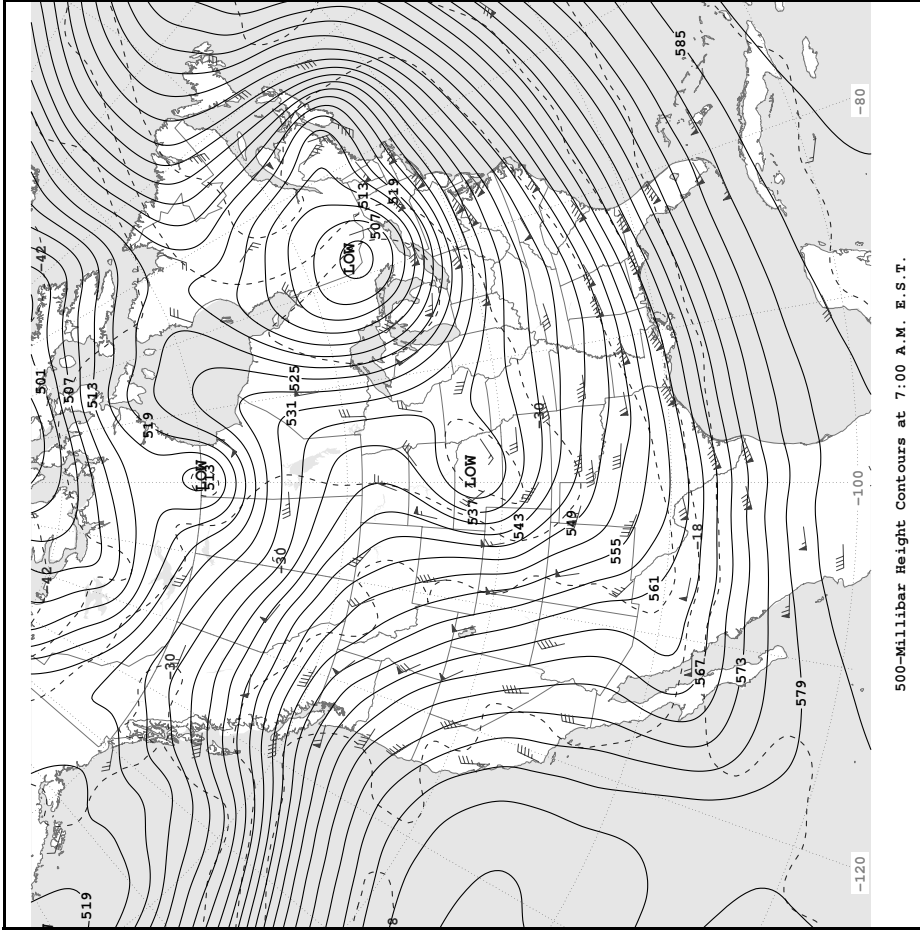
6 Hour Total Precipitation (in hundredths of an inch): **RR**

Sky Cover: **—**

WEDNESDAY, FEBRUARY 14, 2007



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



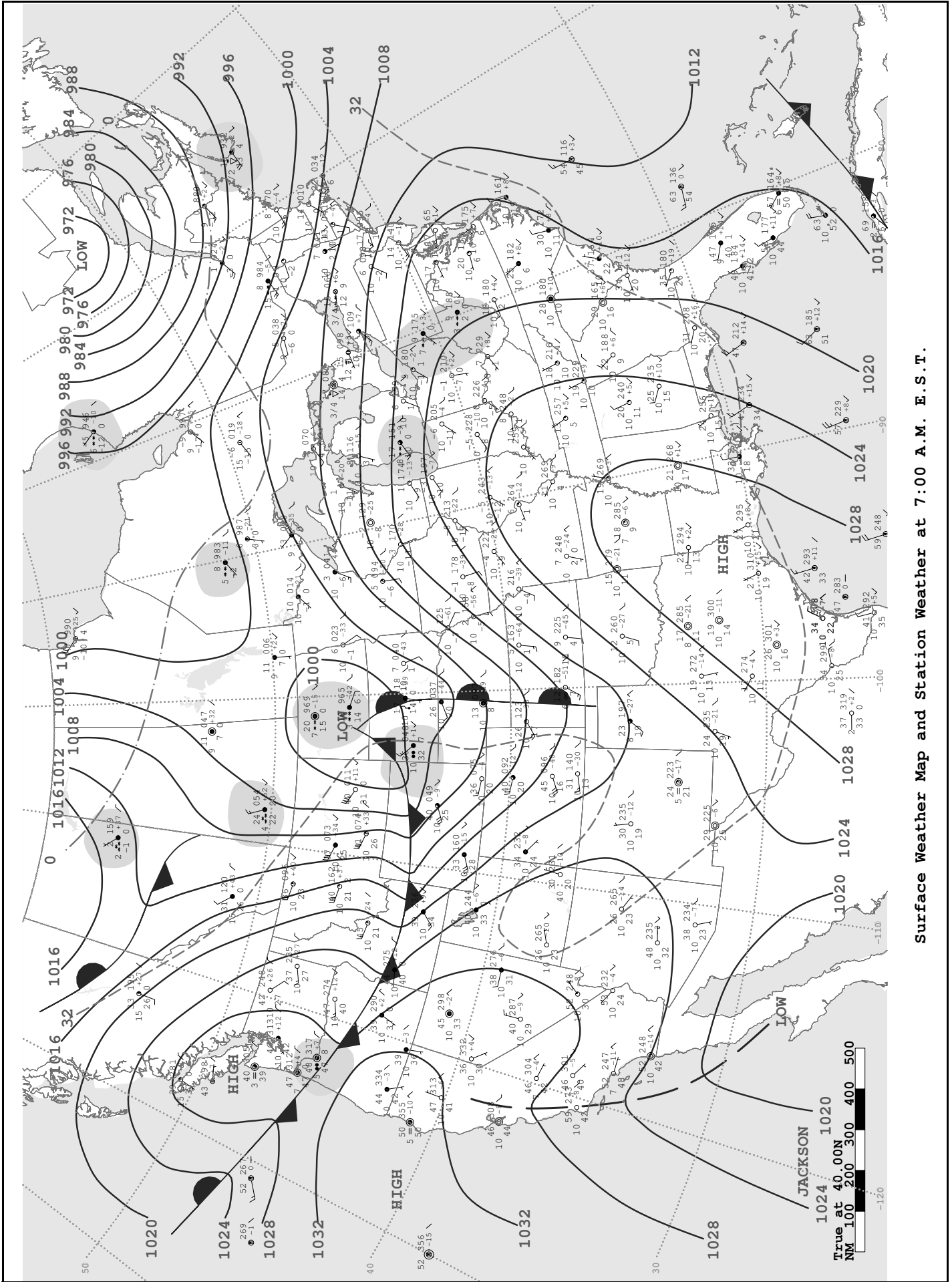
Station Model

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

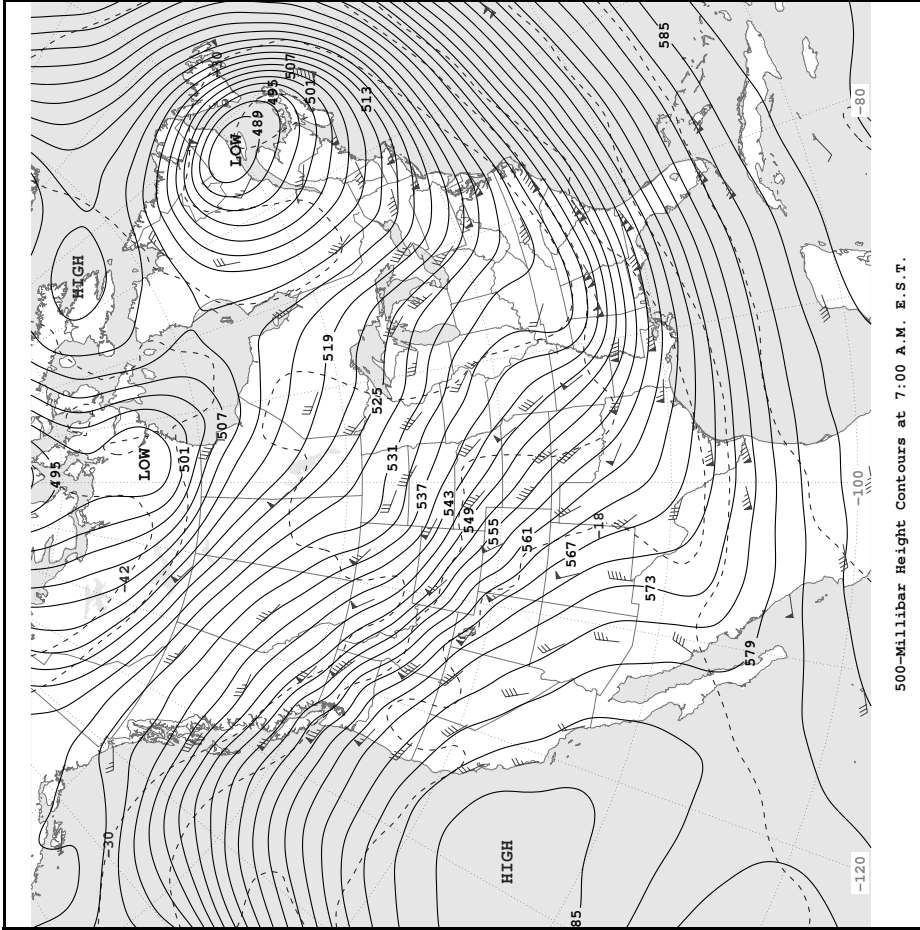
Current Temperature (in °F) ——— **F** ——— ft
 Visibility (in miles) ——— **TT** ——— PPP ——— 3-Digit Surface Pressure (in tenths). Ex: 989 = 998.9mb, 012 = 1001.2mb

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

THURSDAY, FEBRUARY 15, 2007



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



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

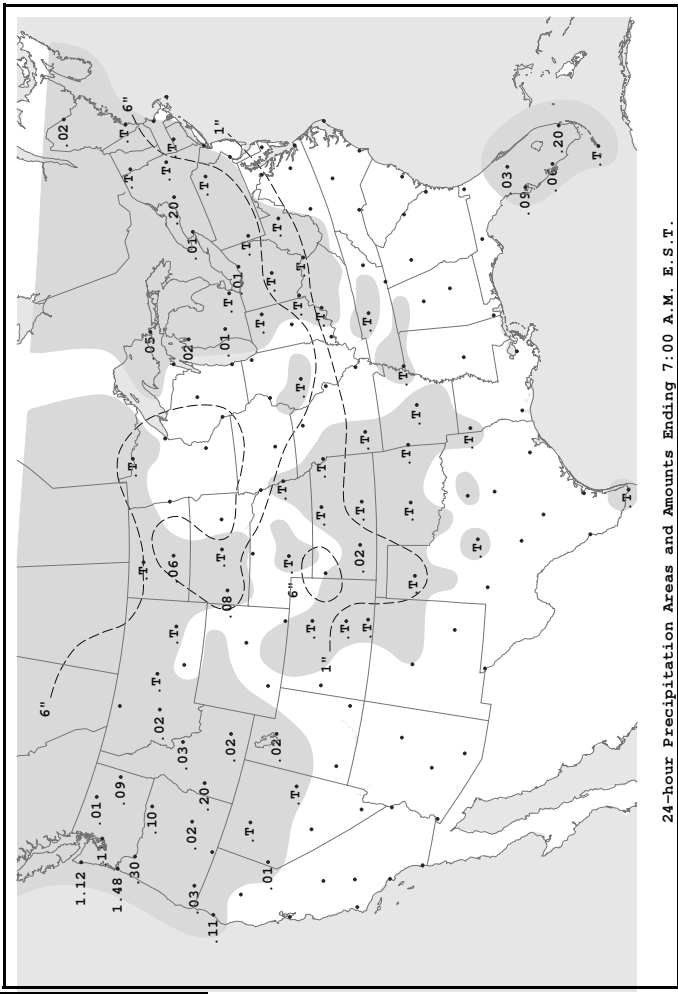
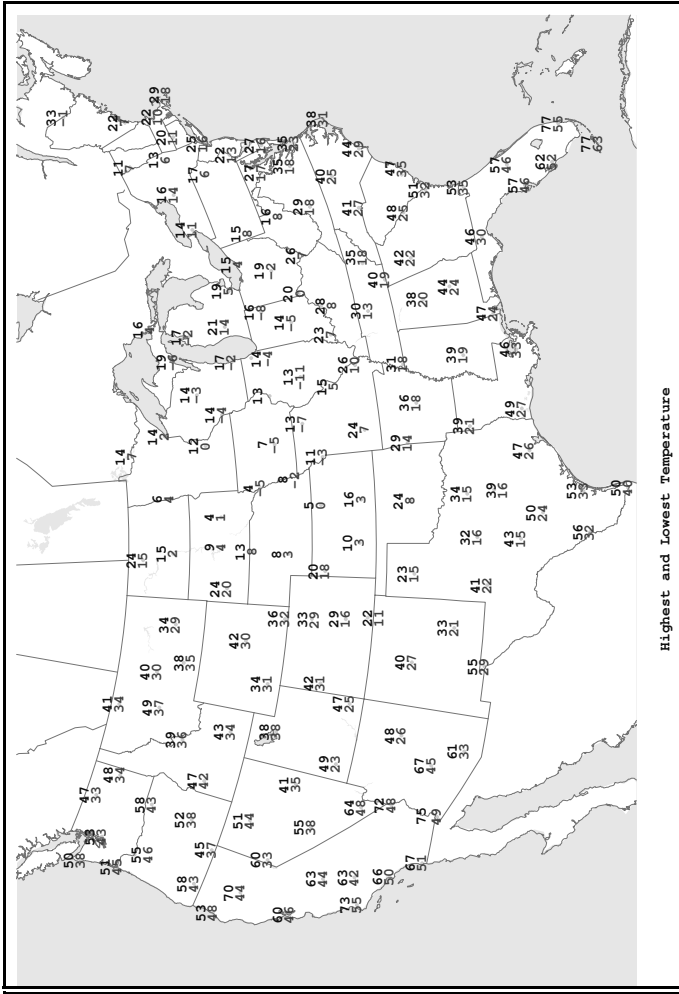
Current Temperature (in °F): **ft**
Wind Feather - 10 knots
Short Feather - 5 knots

Visibility (in miles): **V** **WW** **3-Digit Surface Pressure (in tenths):** **PPP** **Ex:**
 989 = 998.9mb
 012 = 1001.2mb

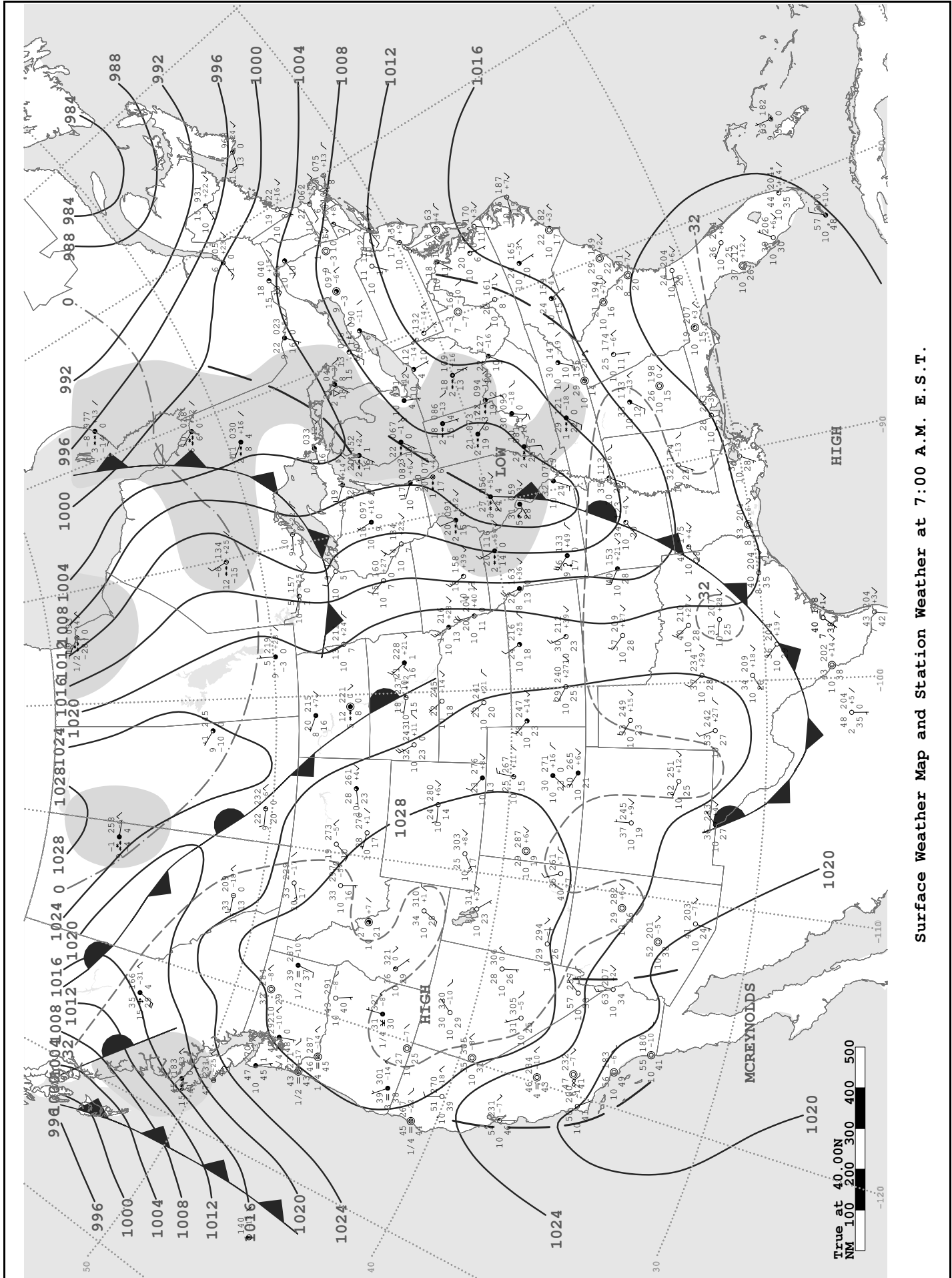
Present Weather Symbol: **PP a** **3 Hour Pressure Tendency (in tenths):** **PP a**
6 Hour Total Precipitation (in hundredths of an inch): **RR**

Dew Point Temperature: **TD** **Sky Cover**

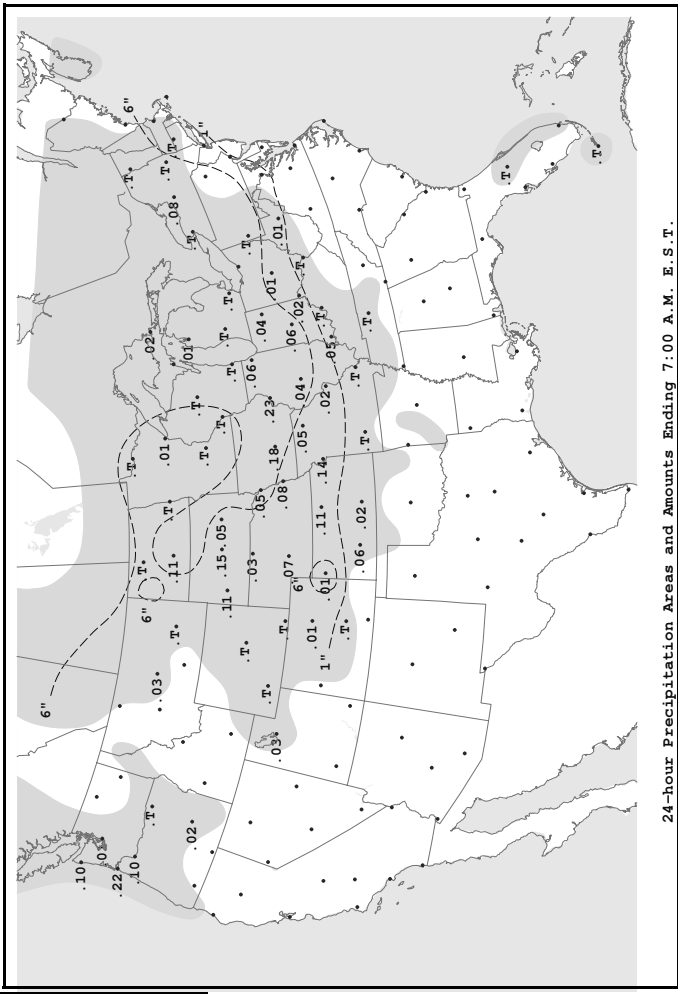
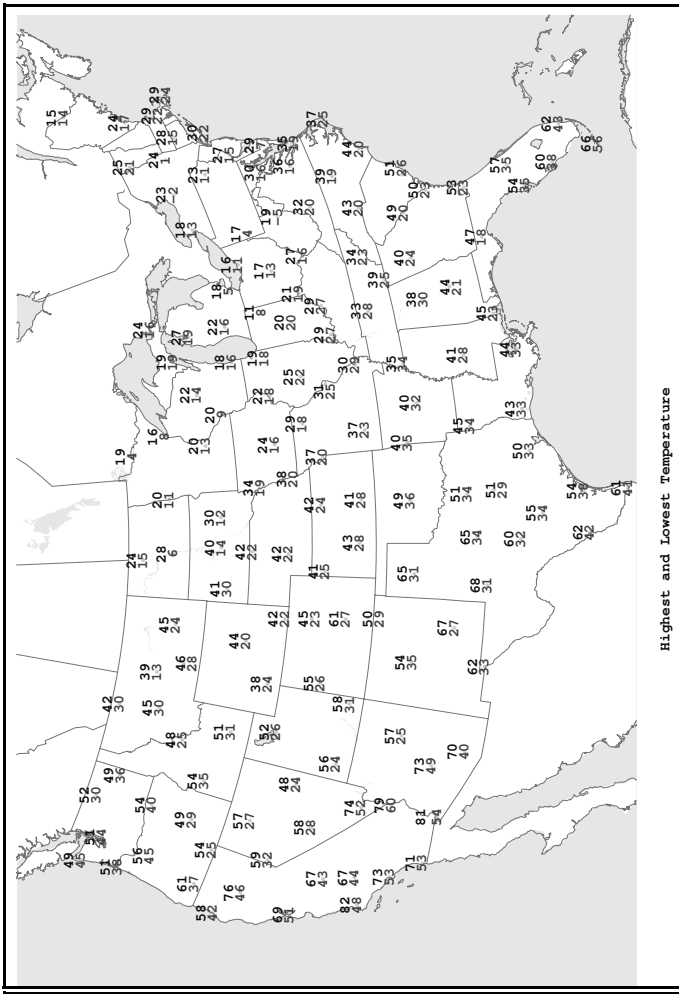
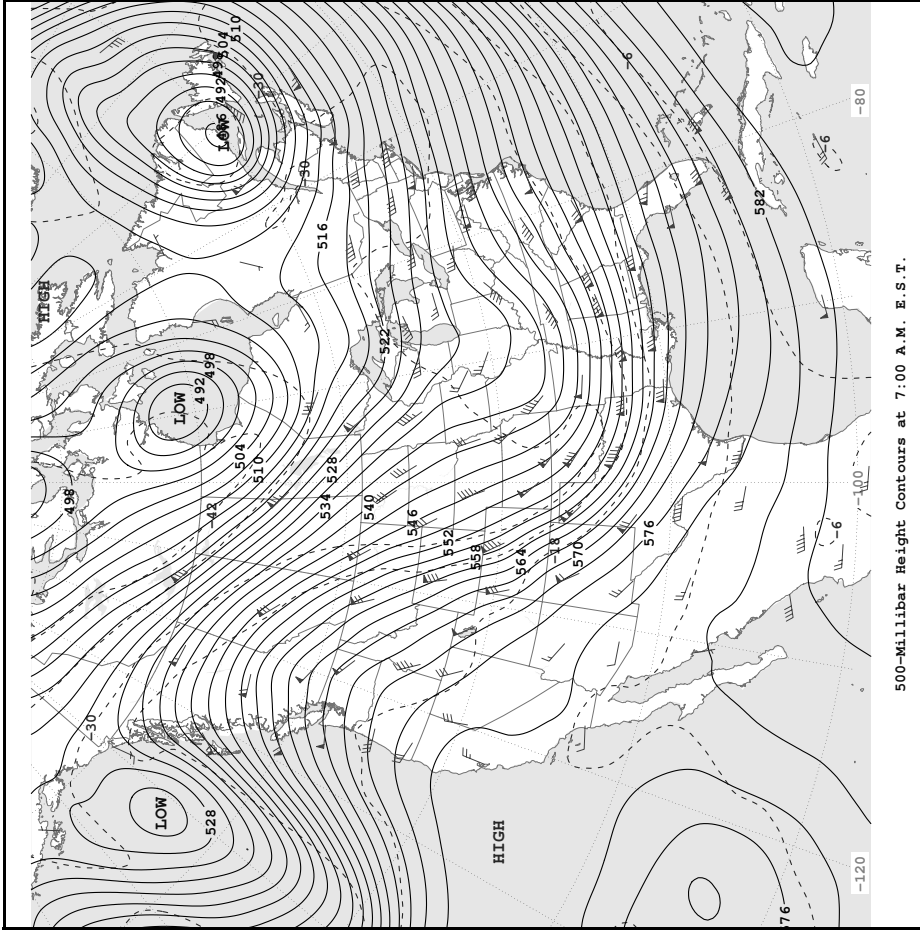
Station Model



FRIDAY, FEBRUARY 16, 2007



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

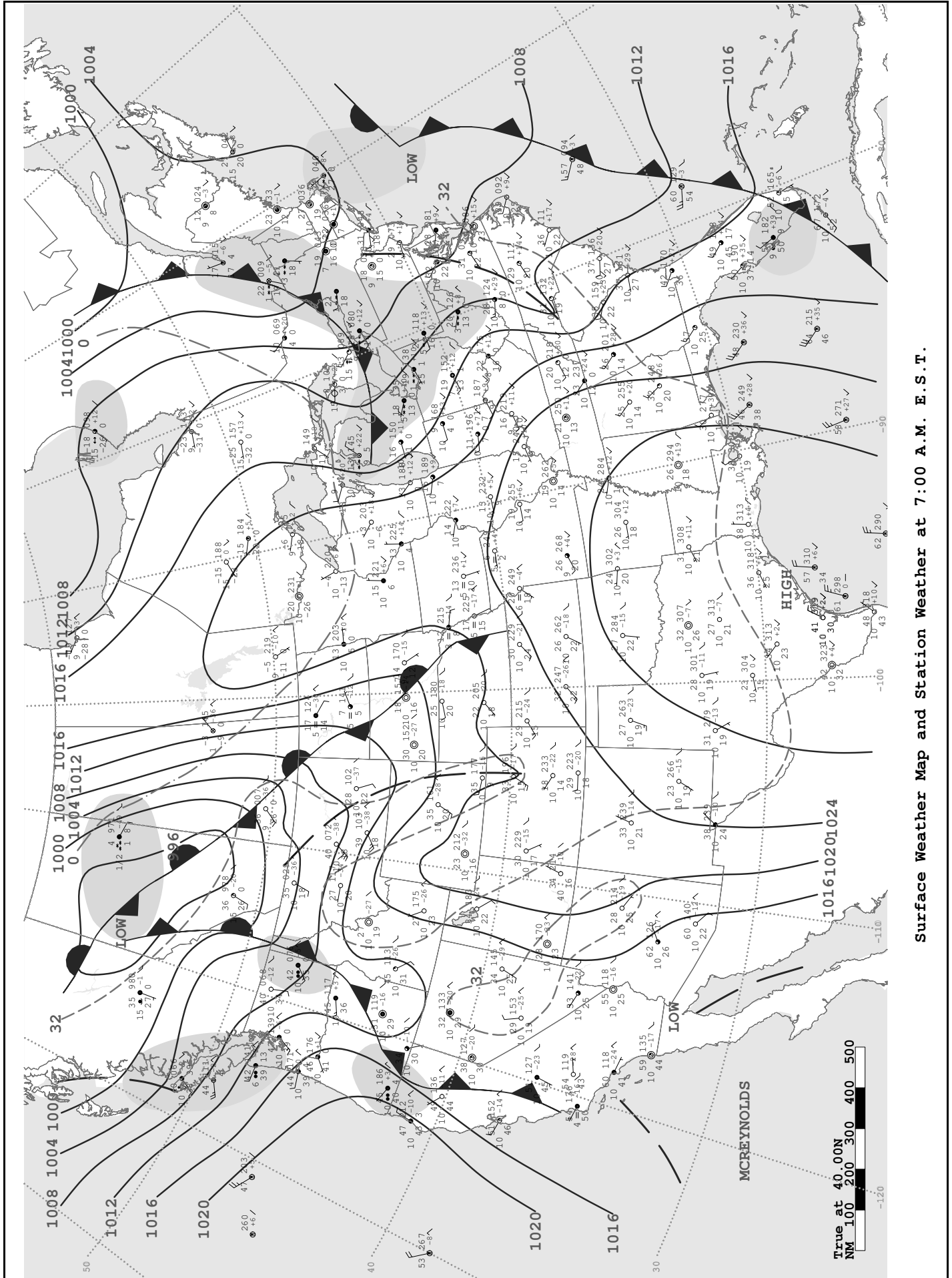


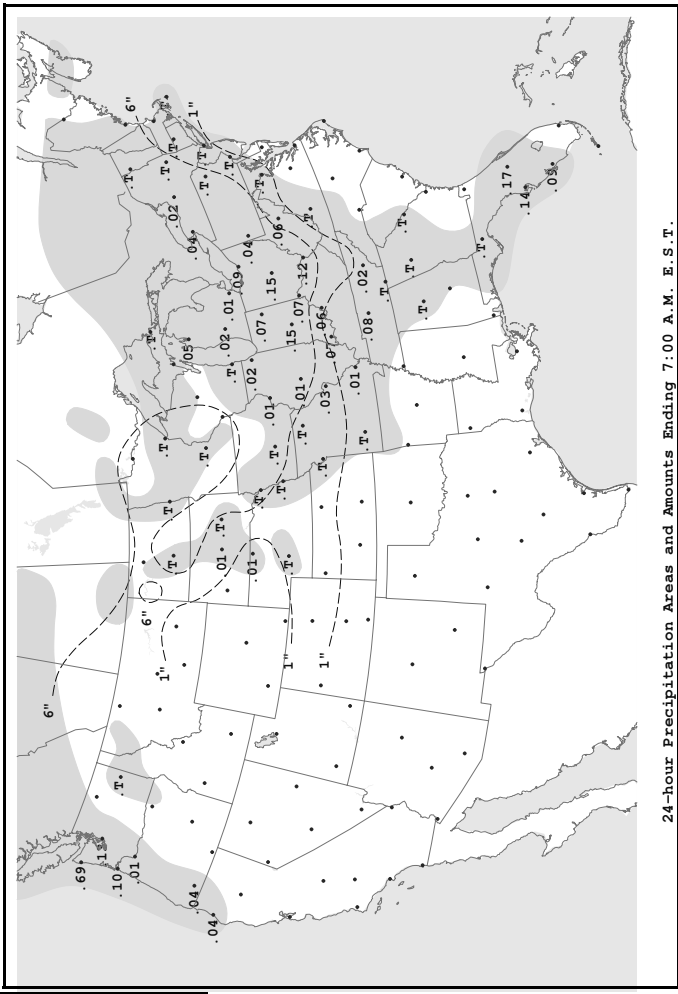
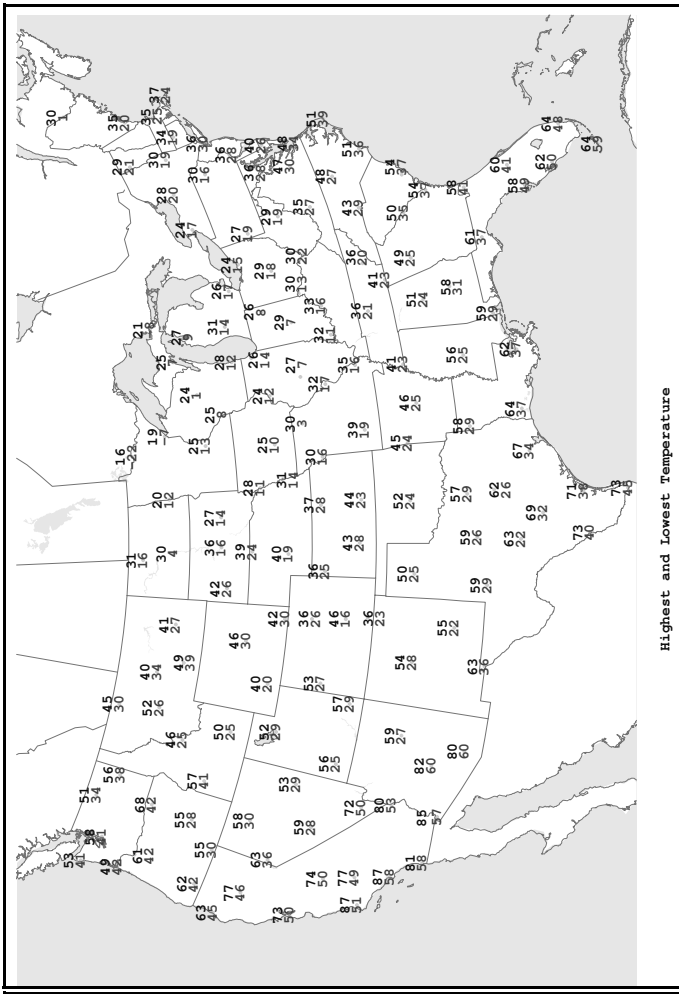
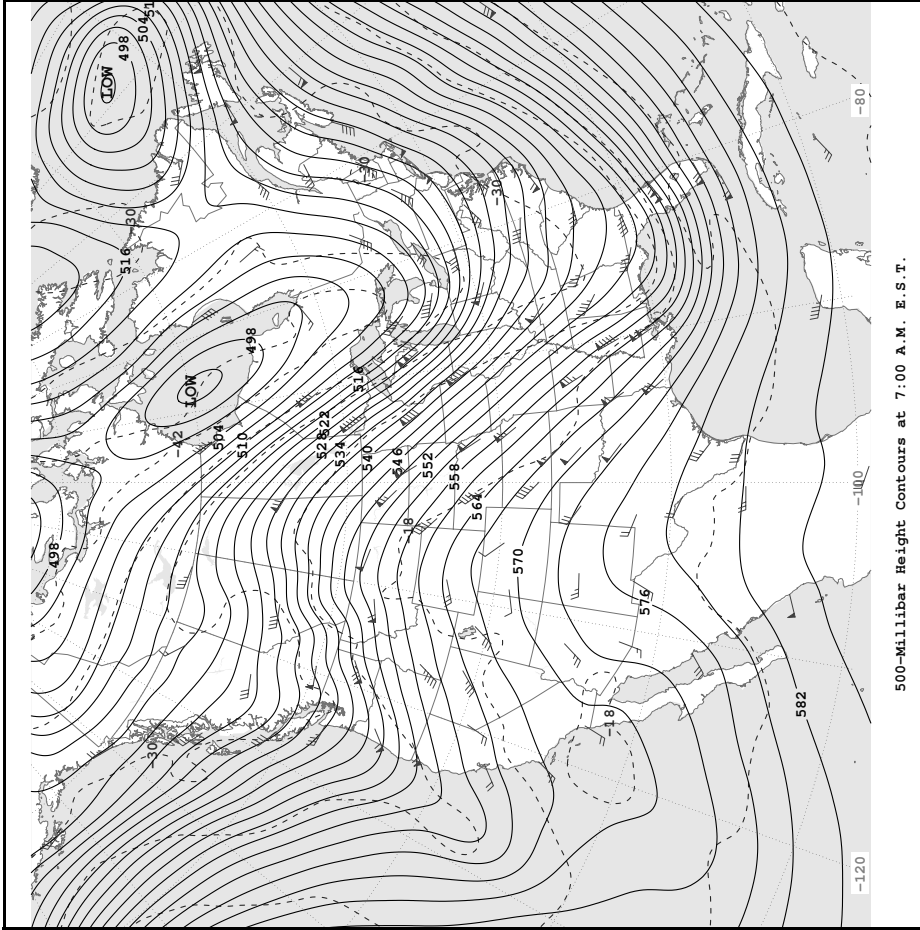
Station Model

The diagram illustrates the components of a station model:

- Wind Direction:** Indicated by a long feather (10 knots) and a short feather (5 knots).
- Current Temperature (in °F):** Indicated by a large 'F'.
- Visibility (in miles):** Indicated by 'TT'.
- Present Weather Symbol:** Indicated by a circle containing a symbol (e.g., 'V' for visibility, 'W' for wind, 'D' for dew point, 'R' for rain).
- Dew Point Temperature:** Indicated by 'DD'.
- Wind Speed:** Indicated by a long feather (10 knots) and a short feather (5 knots).
- 3-Digit Surface Pressure (in tenths):** Indicated by 'PPP'.
- 3 Hour Pressure Tendency (in tenths):** Indicated by 'PP a'.
- 6 Hour Total Precipitation (in hundredths of an inch):** Indicated by 'RR'.

SATURDAY, FEBRUARY 17, 2007





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**

Ex: 989 = 998.9mb, 012 = 1001.2mb

Present Weather Symbol: **●**

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

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

Wind Direction: **V**

Wind Speed: **WW**

Dew Point Temperature: **TT**

Sky Cover: **—**

SUNDAY, FEBRUARY 18, 2007

