



Daily Weather Maps

JANUARY 30, 2006 - FEBRUARY 5, 2006

Week 5

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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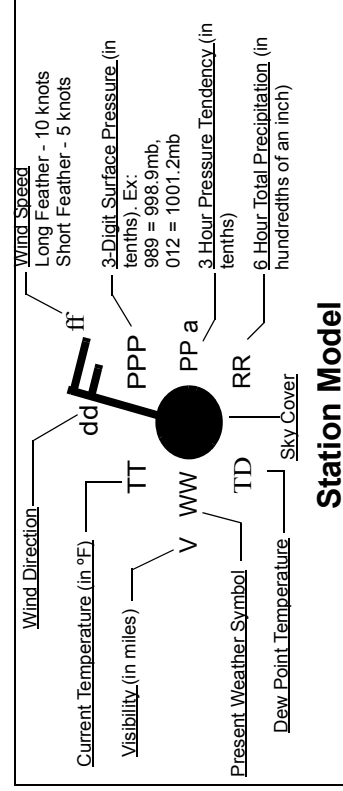
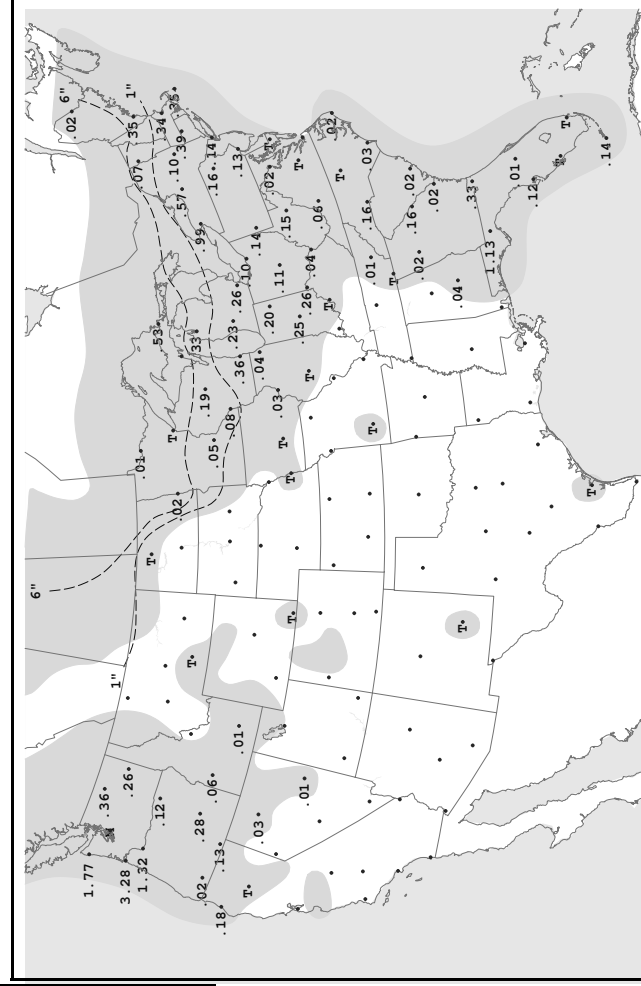
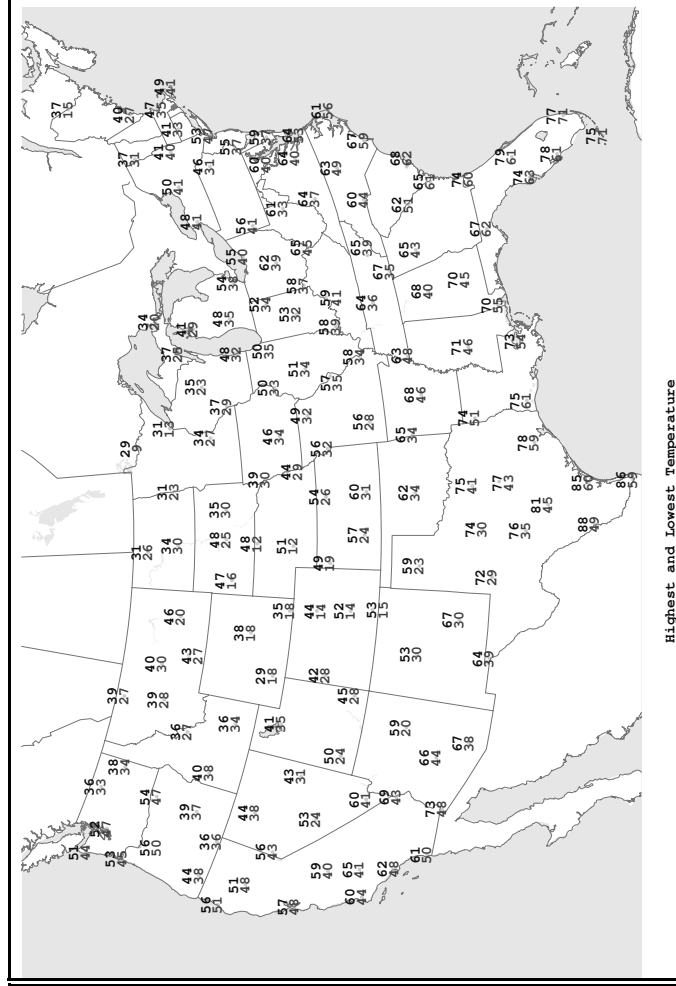
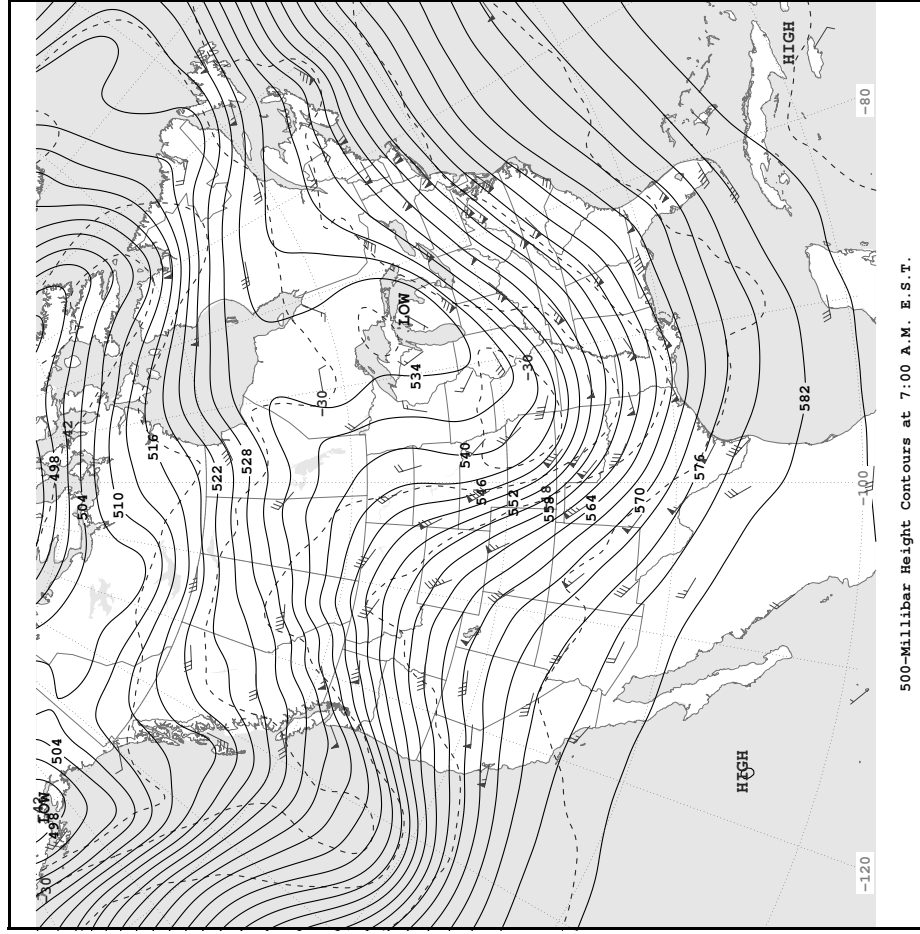
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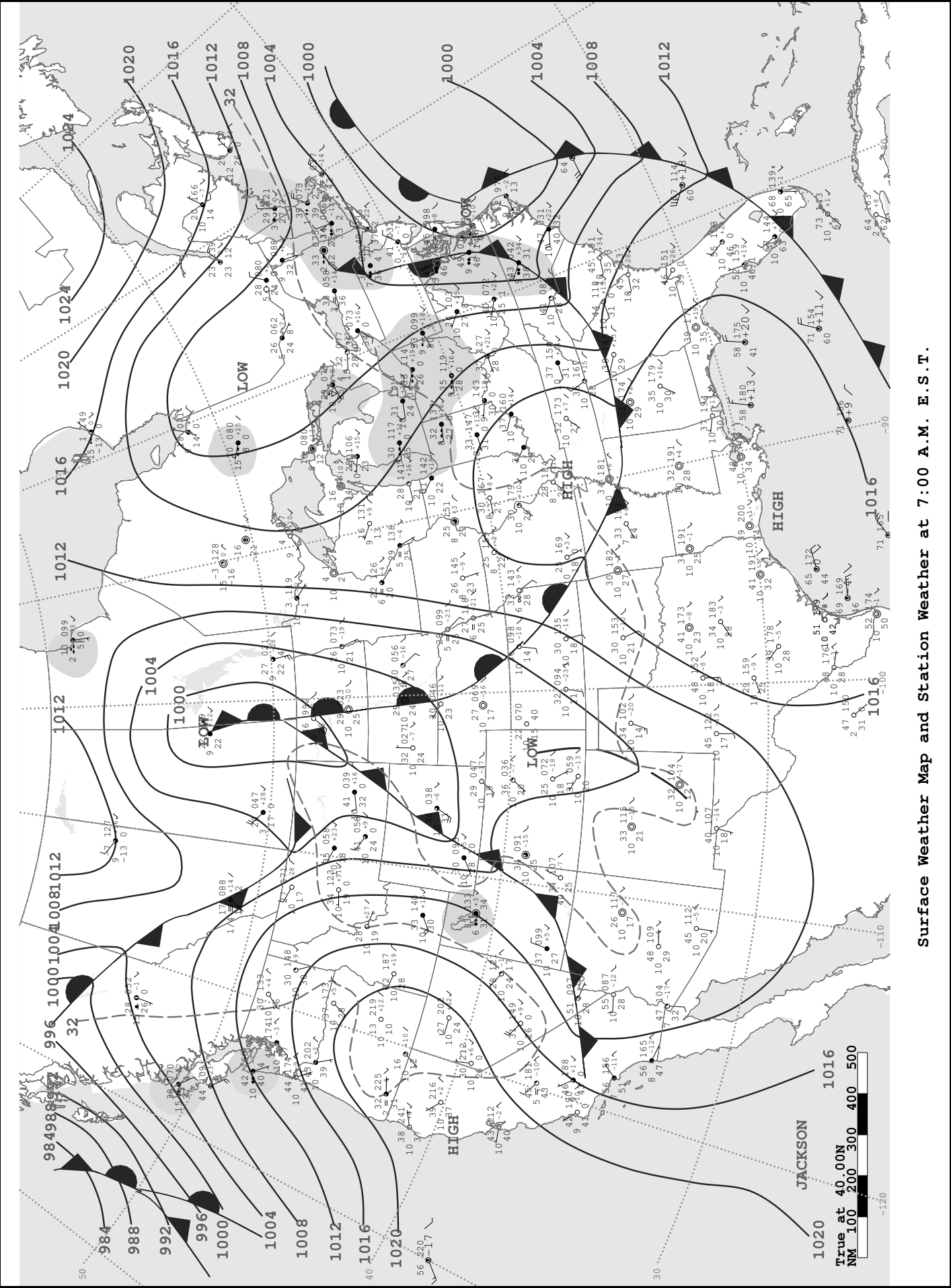
True at 40.00N
NM 100 200 300 400 500

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

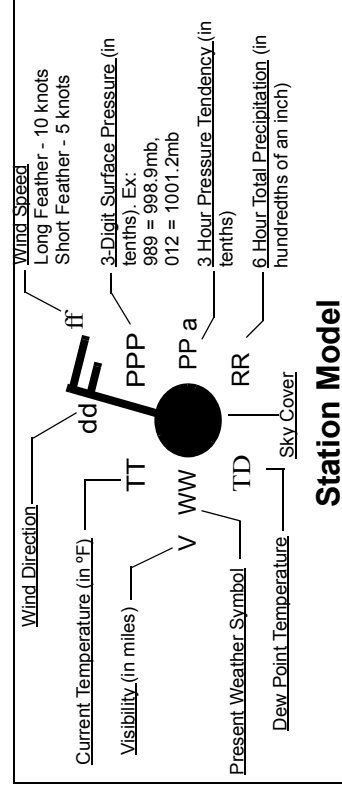
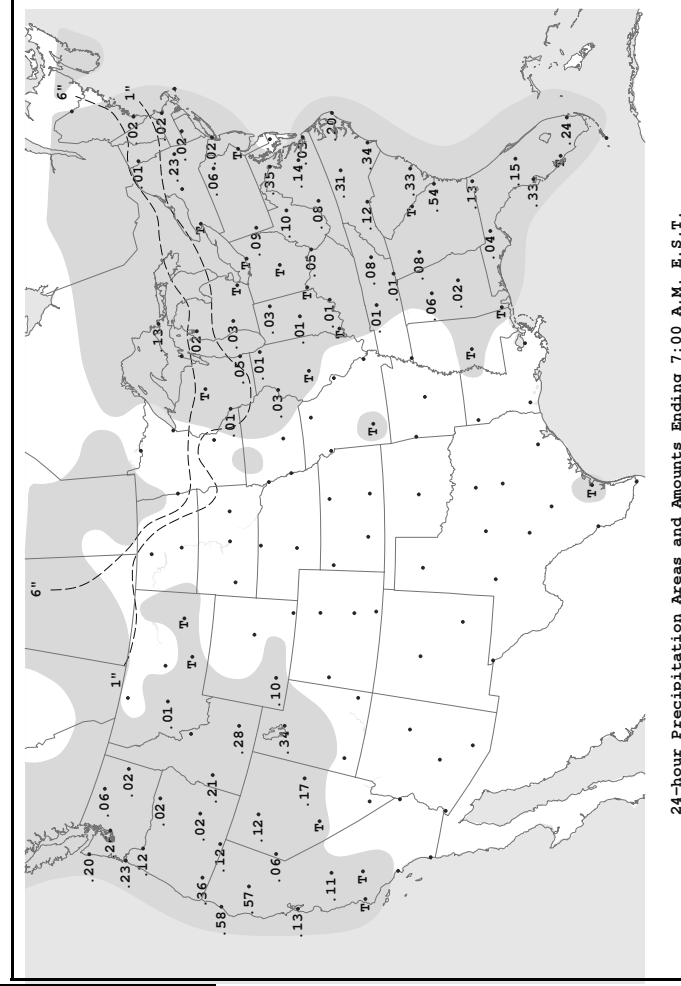
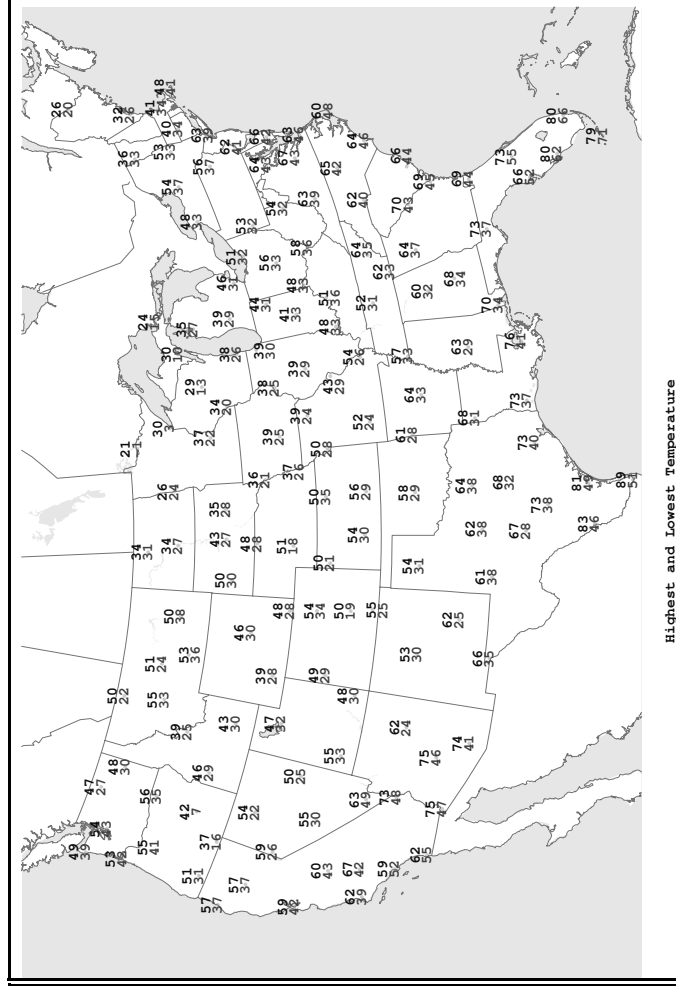
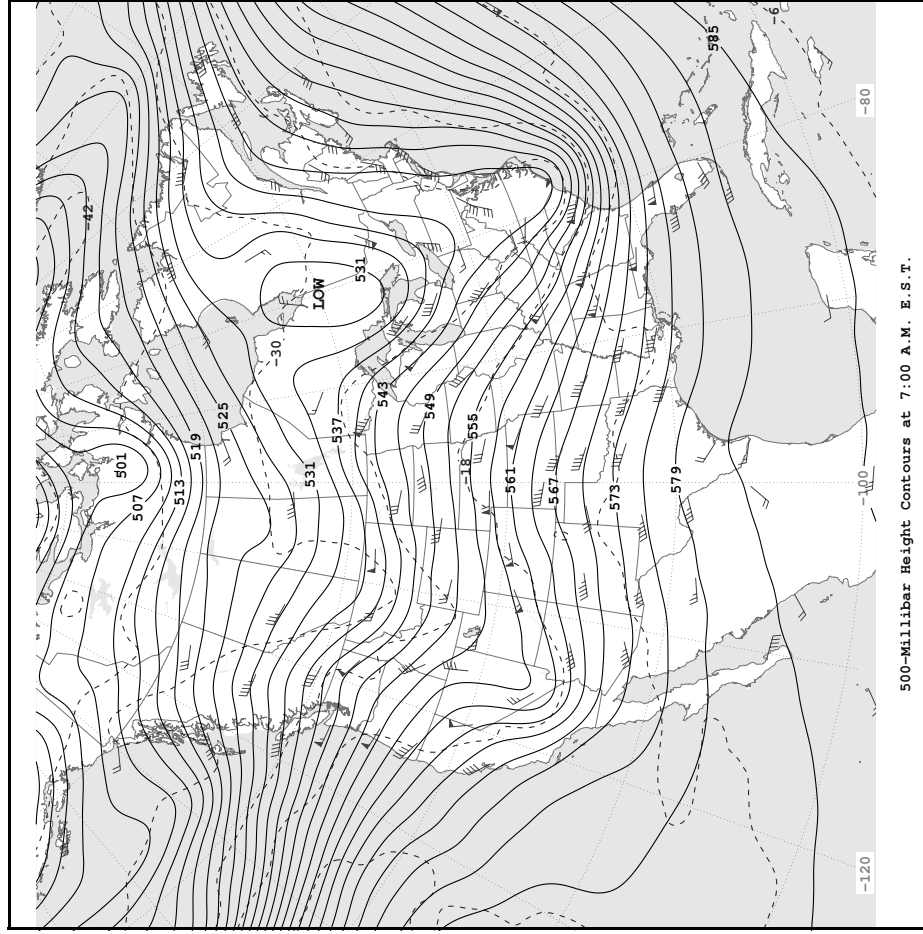
Station Weather Map at 7:00 A.M. E.S.T.



MONDAY, JANUARY 30, 2006



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



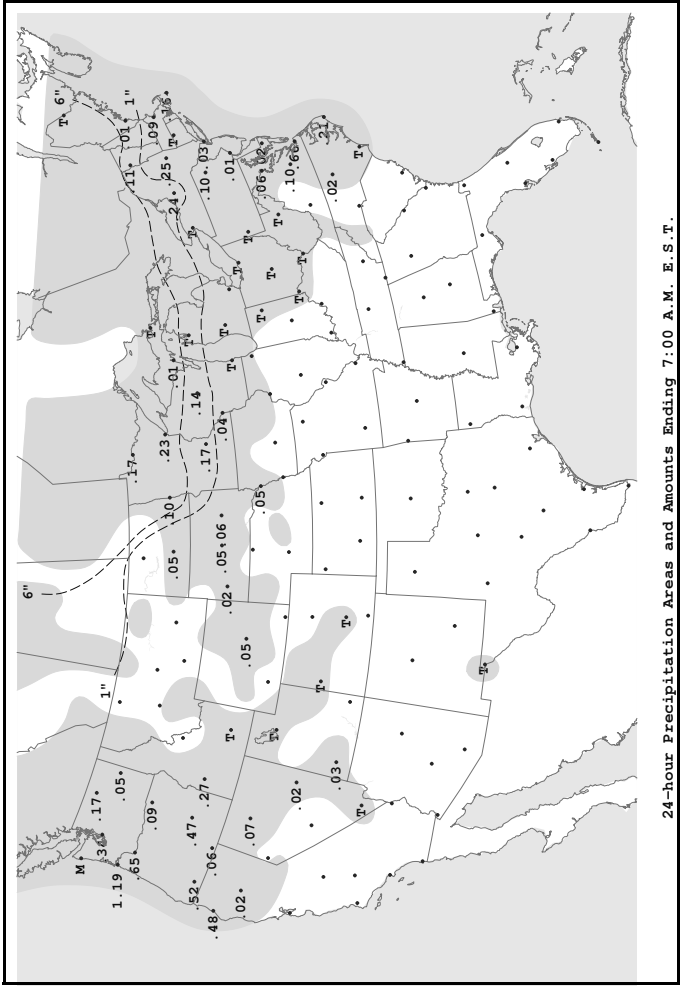
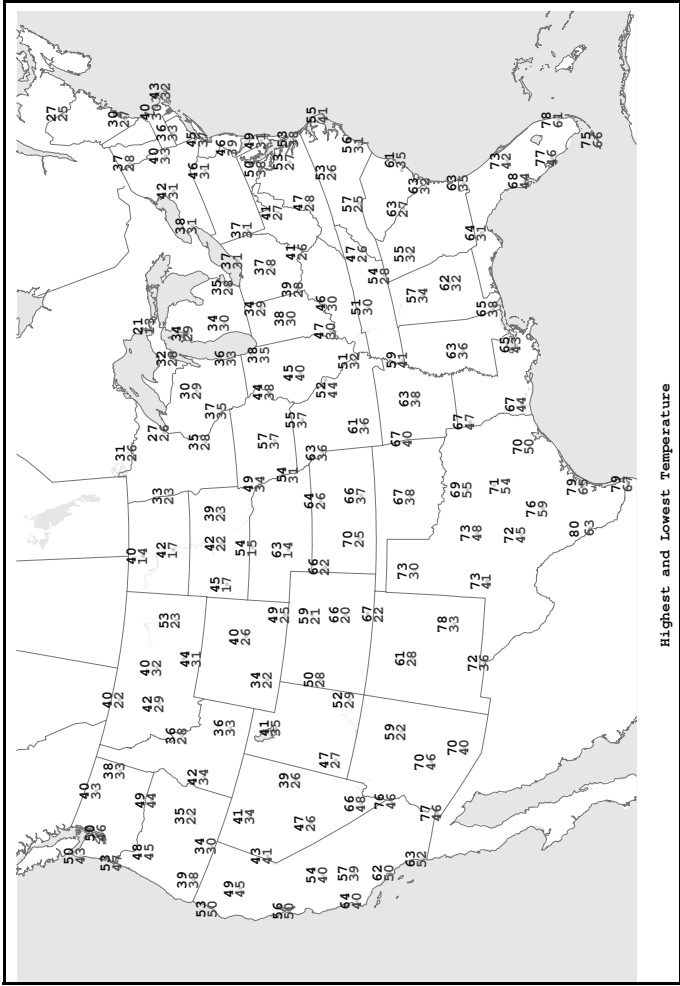
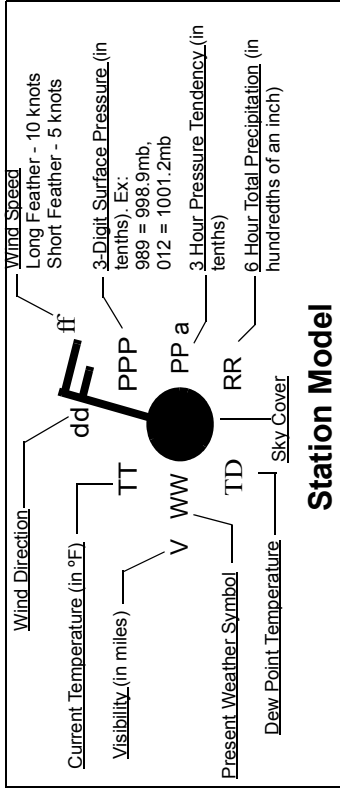
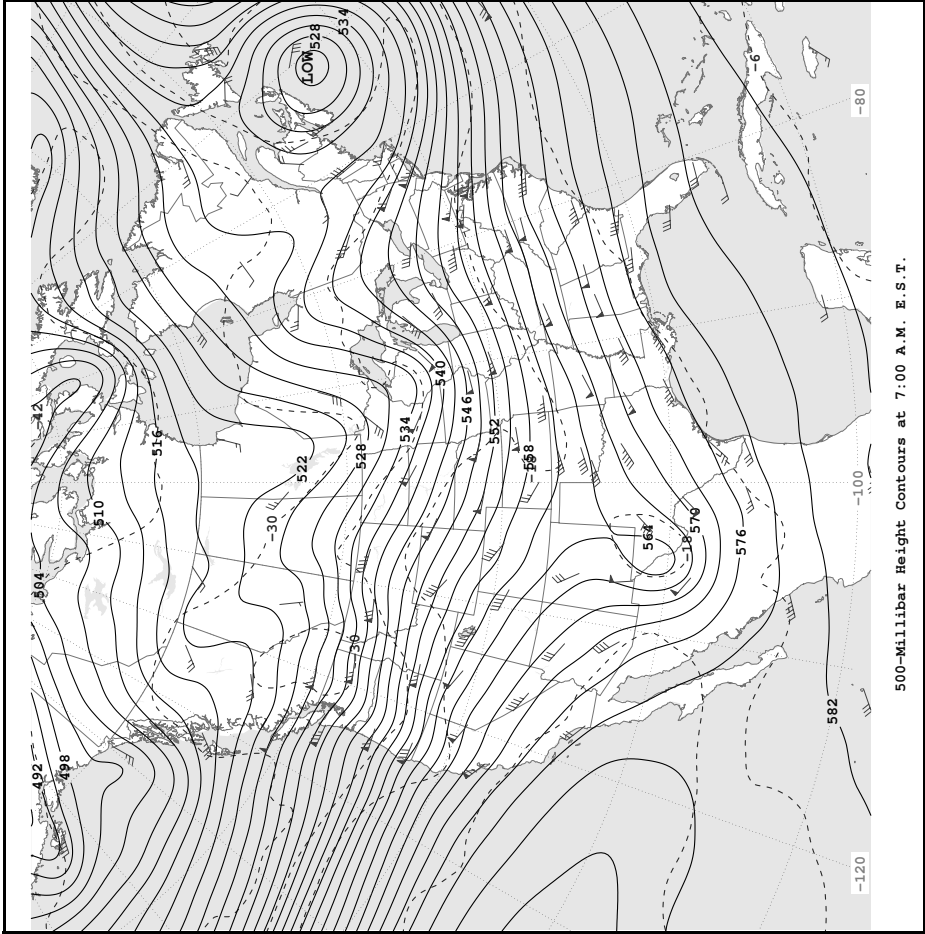
TUESDAY, JANUARY 31, 2006

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

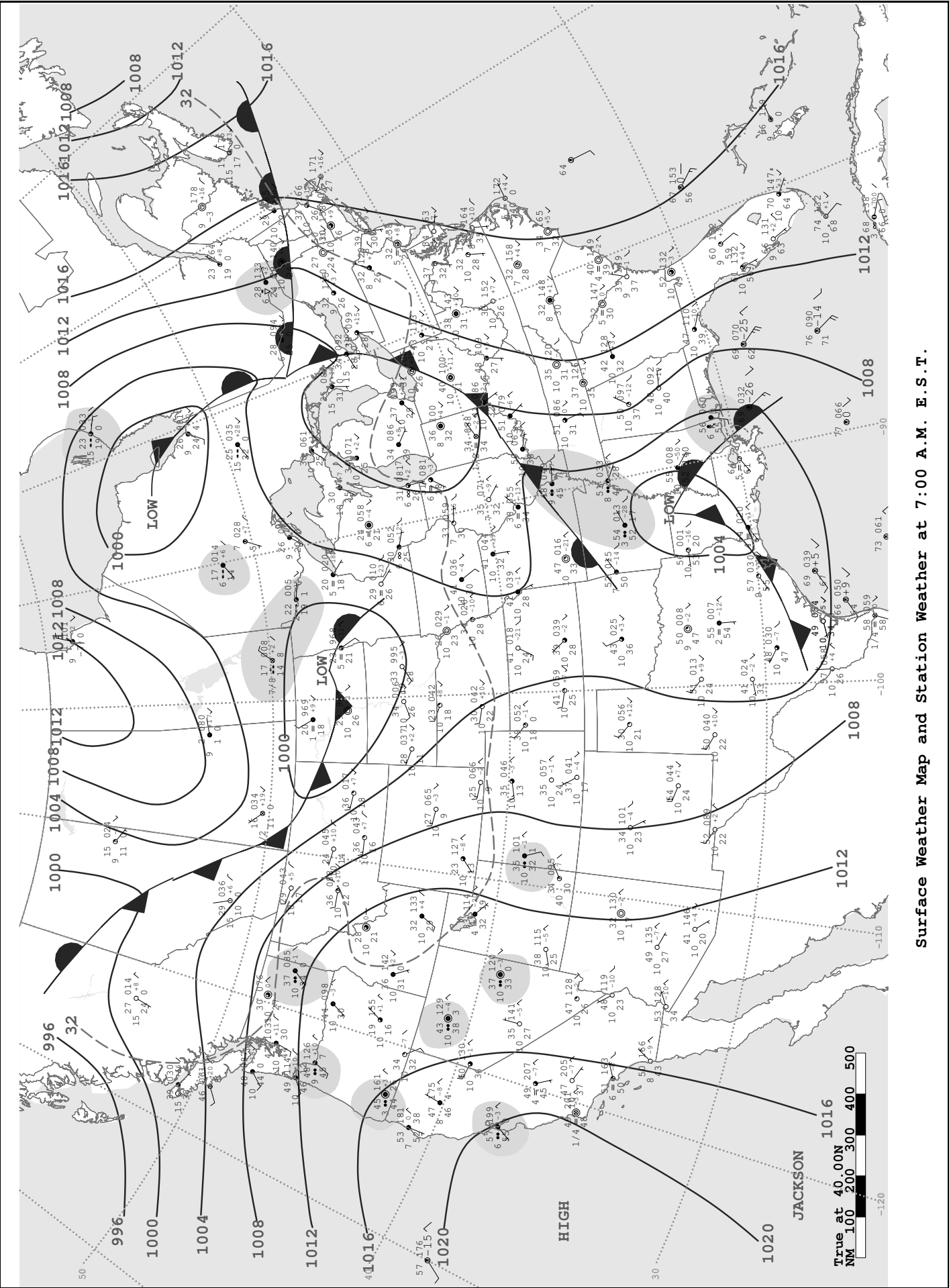
The map displays the following features:

- Pressure Systems:**
 - Low Pressure:** Located off the West Coast of the United States, with a central pressure of 1000.
 - High Pressure:** Located over the Great Lakes region, with a central pressure of 1016.
 - Low Pressure:** Located off the East Coast of the United States, with a central pressure of 1008.
- Fronts:**
 - Warm Fronts:** Indicated by lines with semicircles.
 - Cold Fronts:** Indicated by lines with triangles.
 - Stationary Fronts:** Indicated by lines with alternating semicircles and triangles.
- Station Data:** Numerous data points are plotted across the map, showing temperature, humidity, and other meteorological readings. For example, in the Great Lakes region, temperatures range from 10 to 20 degrees Fahrenheit, and humidity is around 60-80%.
- Scale and Orientation:**
 - A scale bar at the bottom indicates distances from 0 to 500 NM.
 - The map is oriented with North at the top.

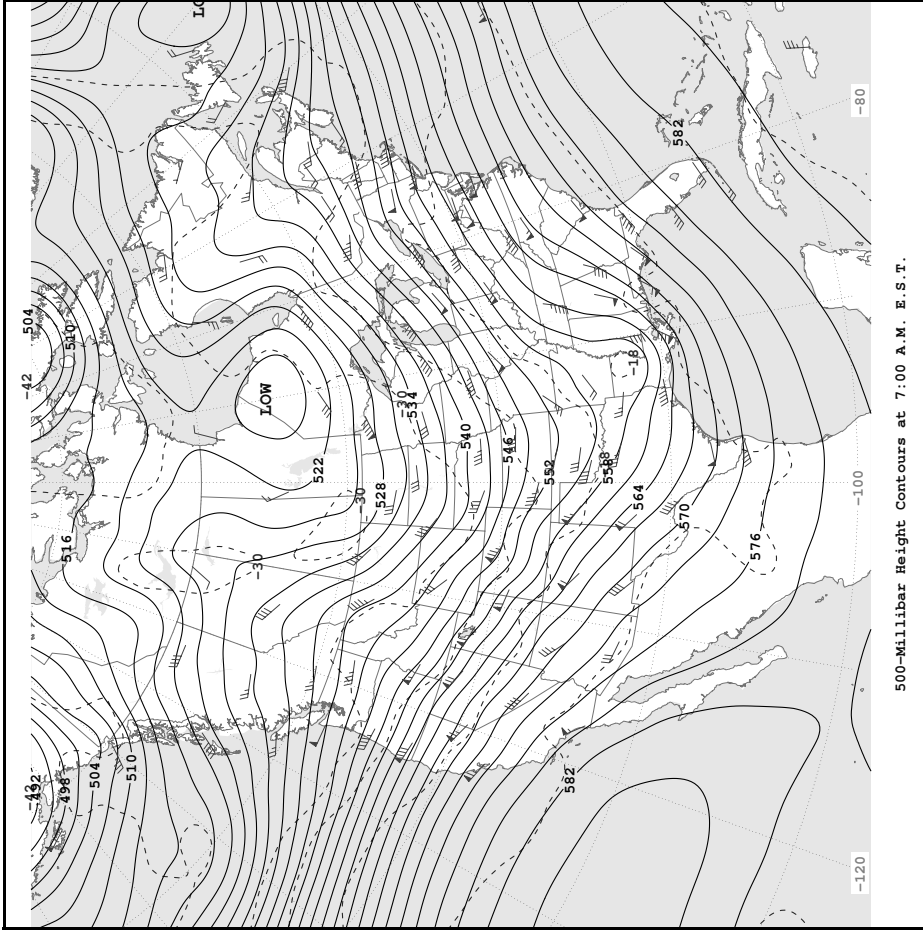
Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.



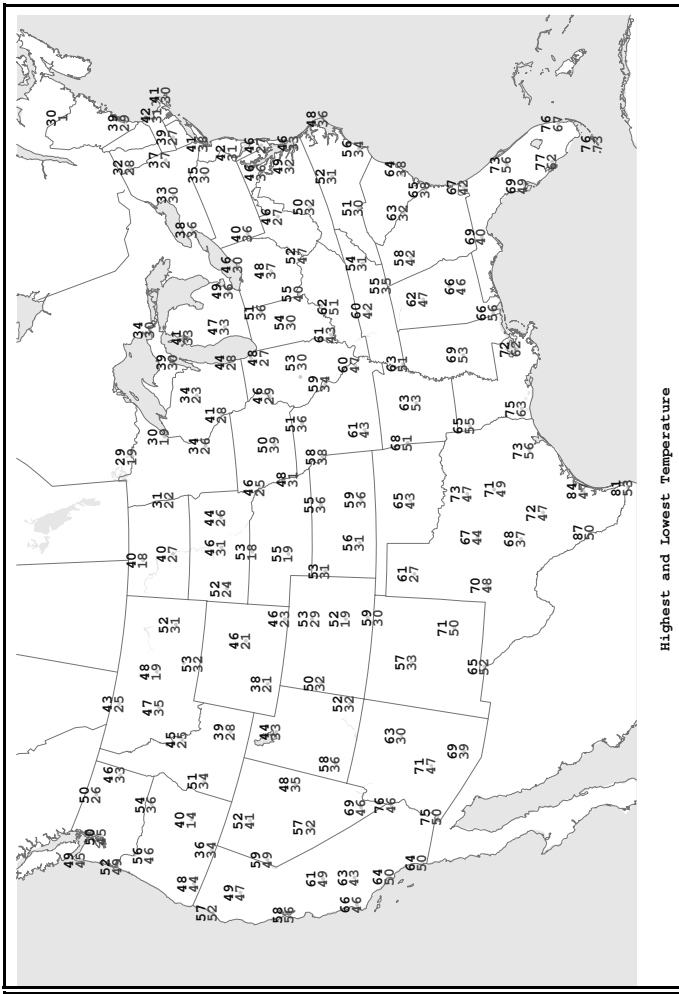
WEDNESDAY, FEBRUARY 1, 2006



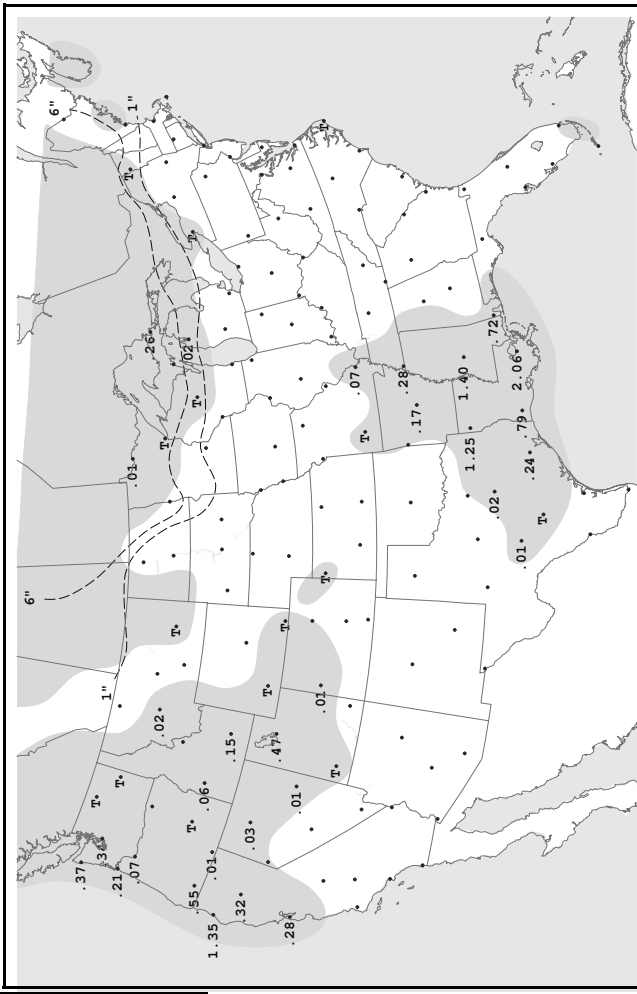
Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.



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.

Wind Direction

Current Temperature (in °F)

Visibility (in miles)

Present Weather Symbol

Dew Point Temperature

Wind Speed

Long Feather - 10 knots

Short Feather - 5 knots

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

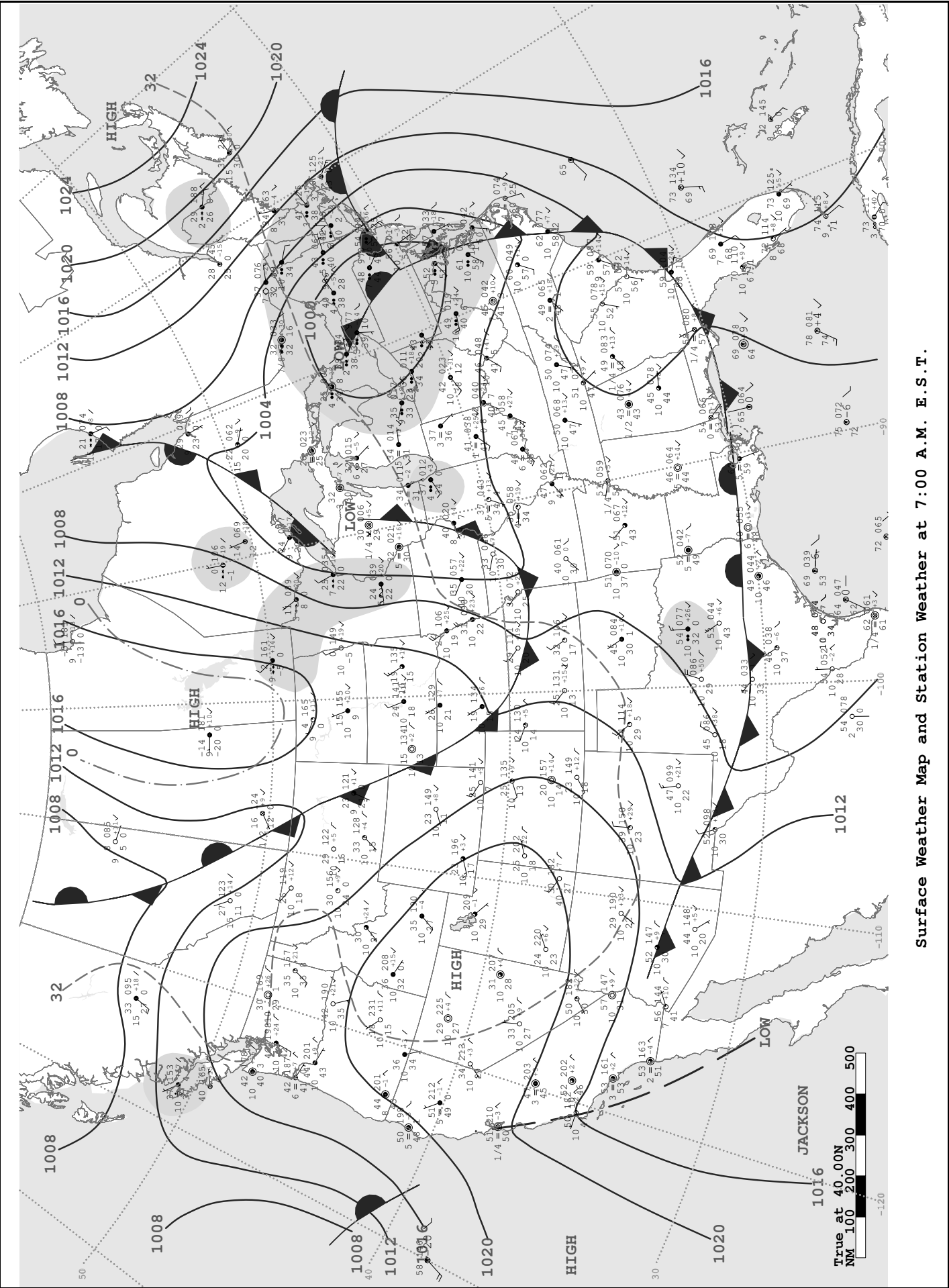
3 Hour Pressure Tendency (in tenths)

6 Hour Total Precipitation (in hundredths of an inch)

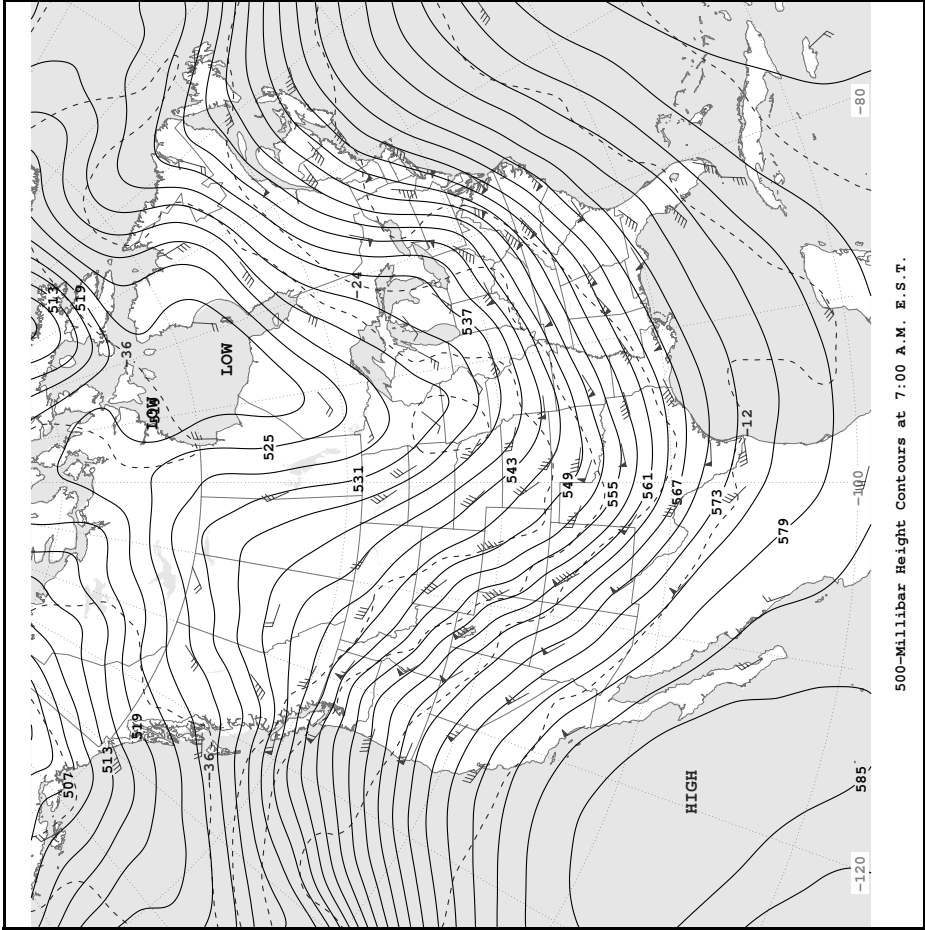
Sky Cover

Station Model

THURSDAY, FEBRUARY 2, 2006



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.

Wind Direction

Current Temperature (in °F)

Visibility (in miles)

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)

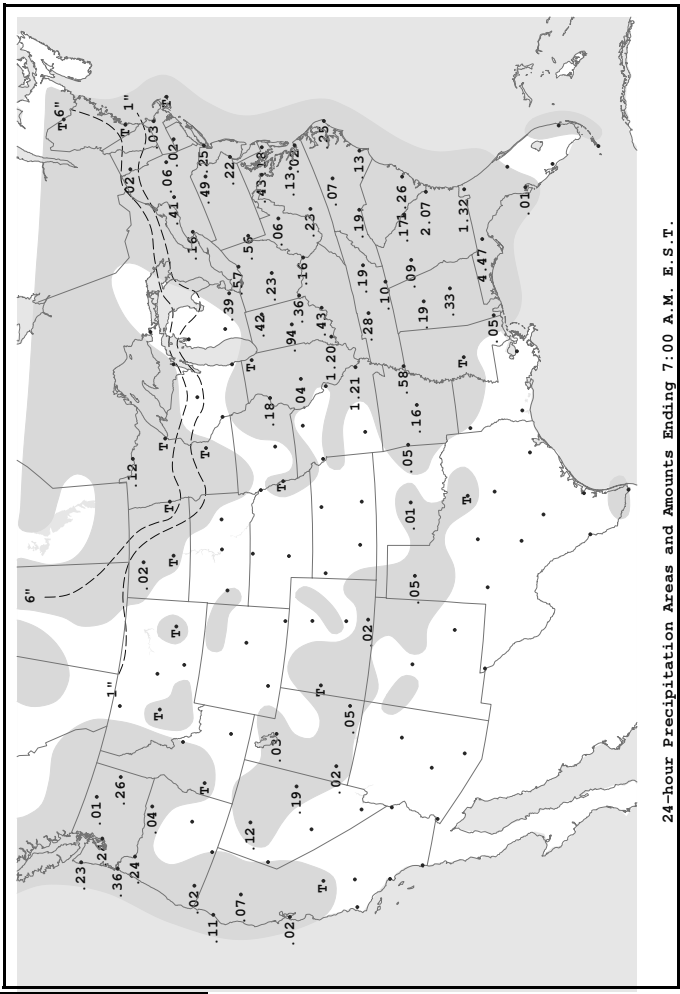
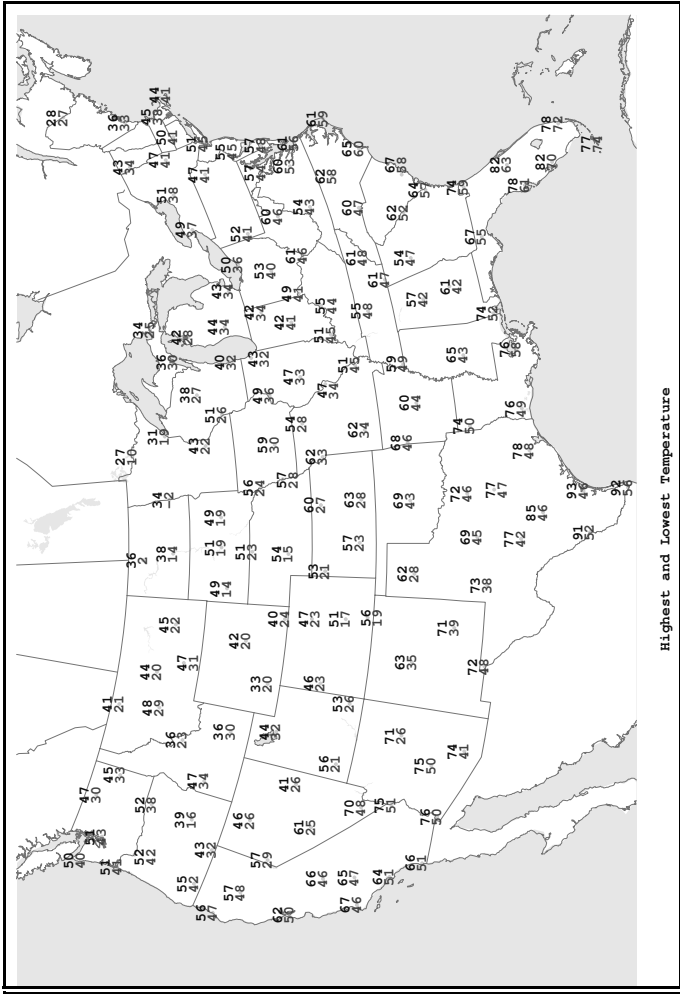
6 Hour Total Precipitation (in hundredths of an inch)

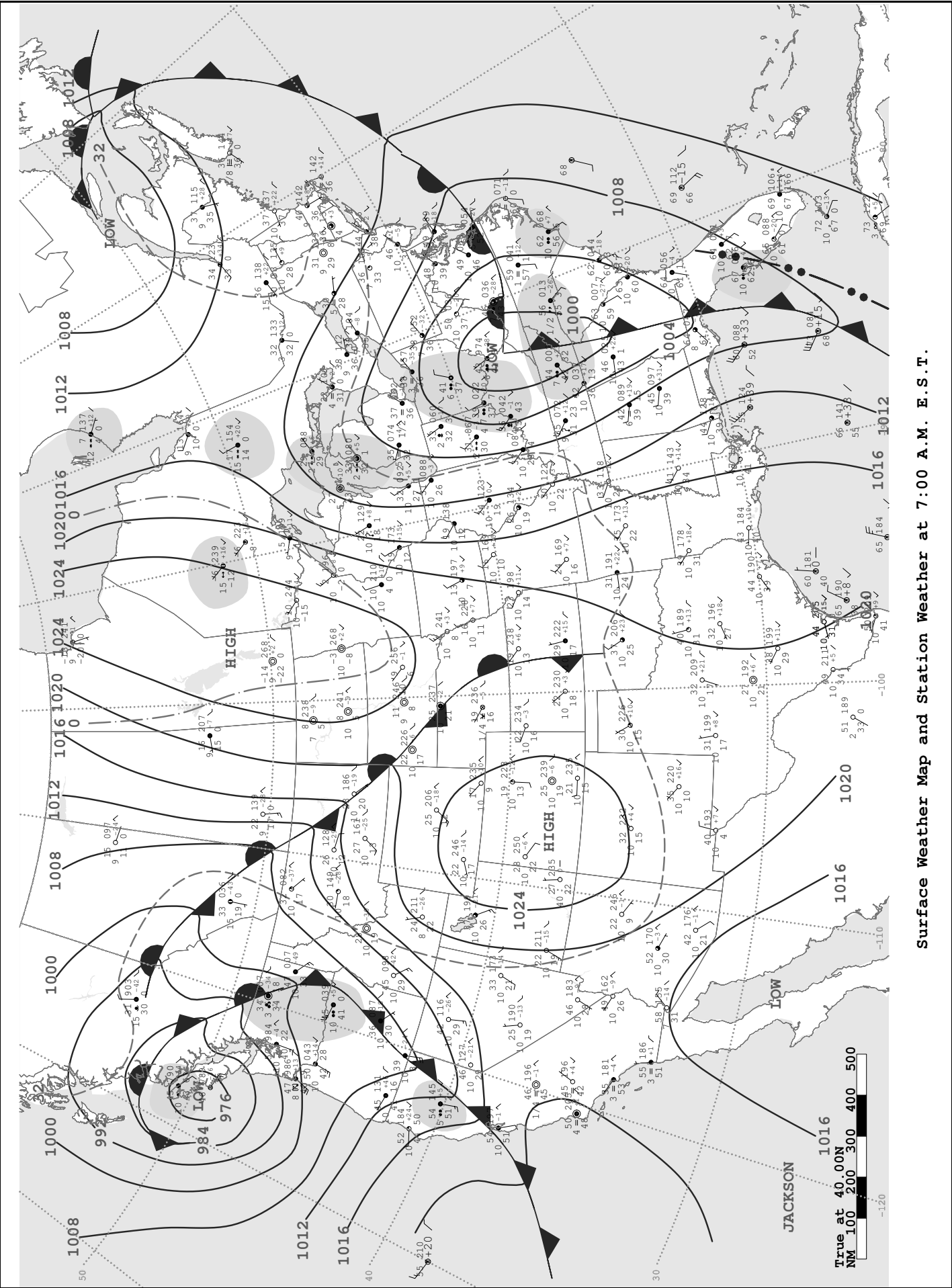
Present Weather Symbol

Dew Point Temperature

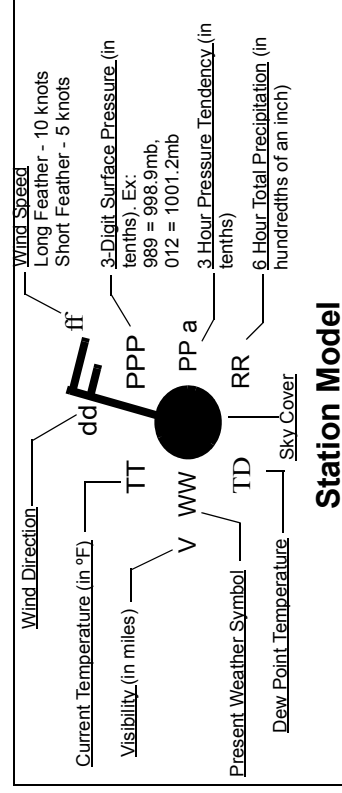
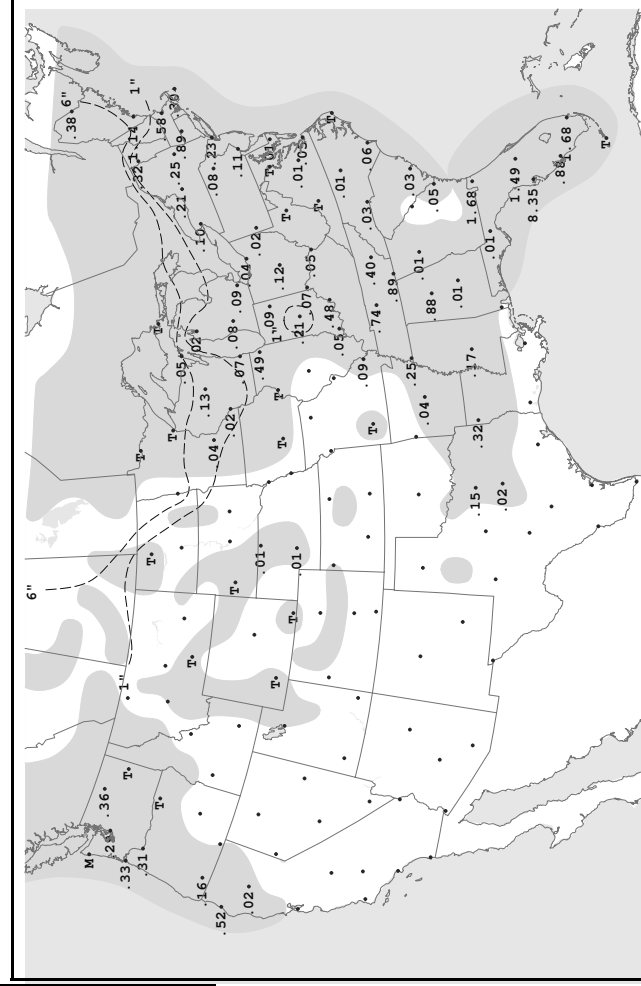
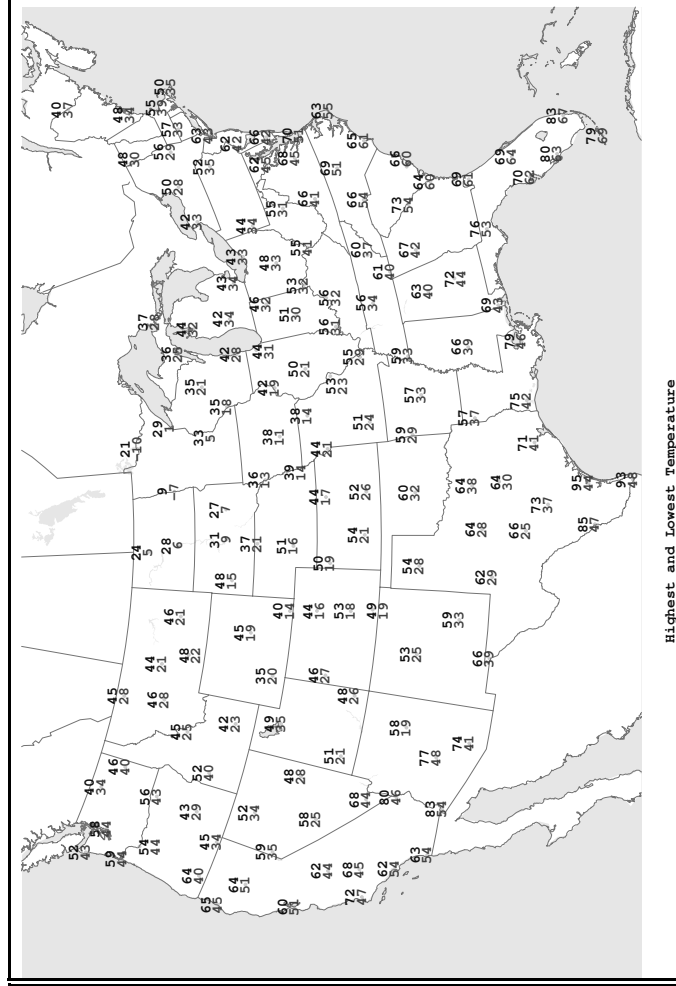
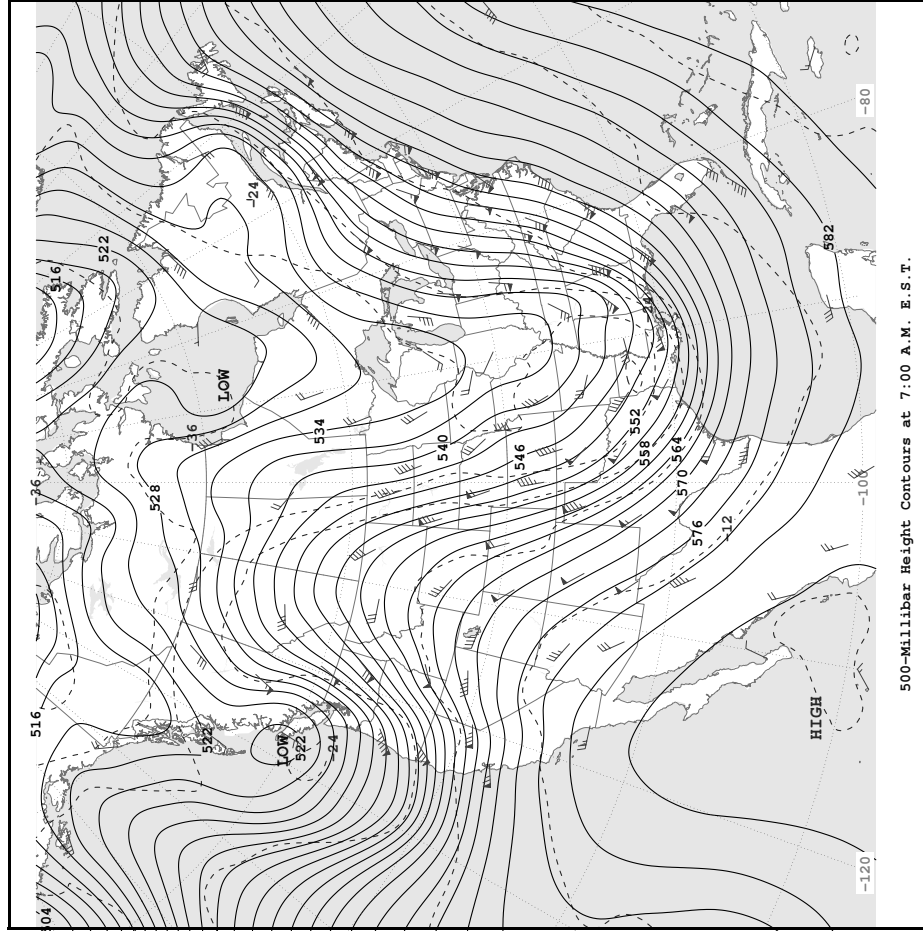
Sky Cover

Station Model

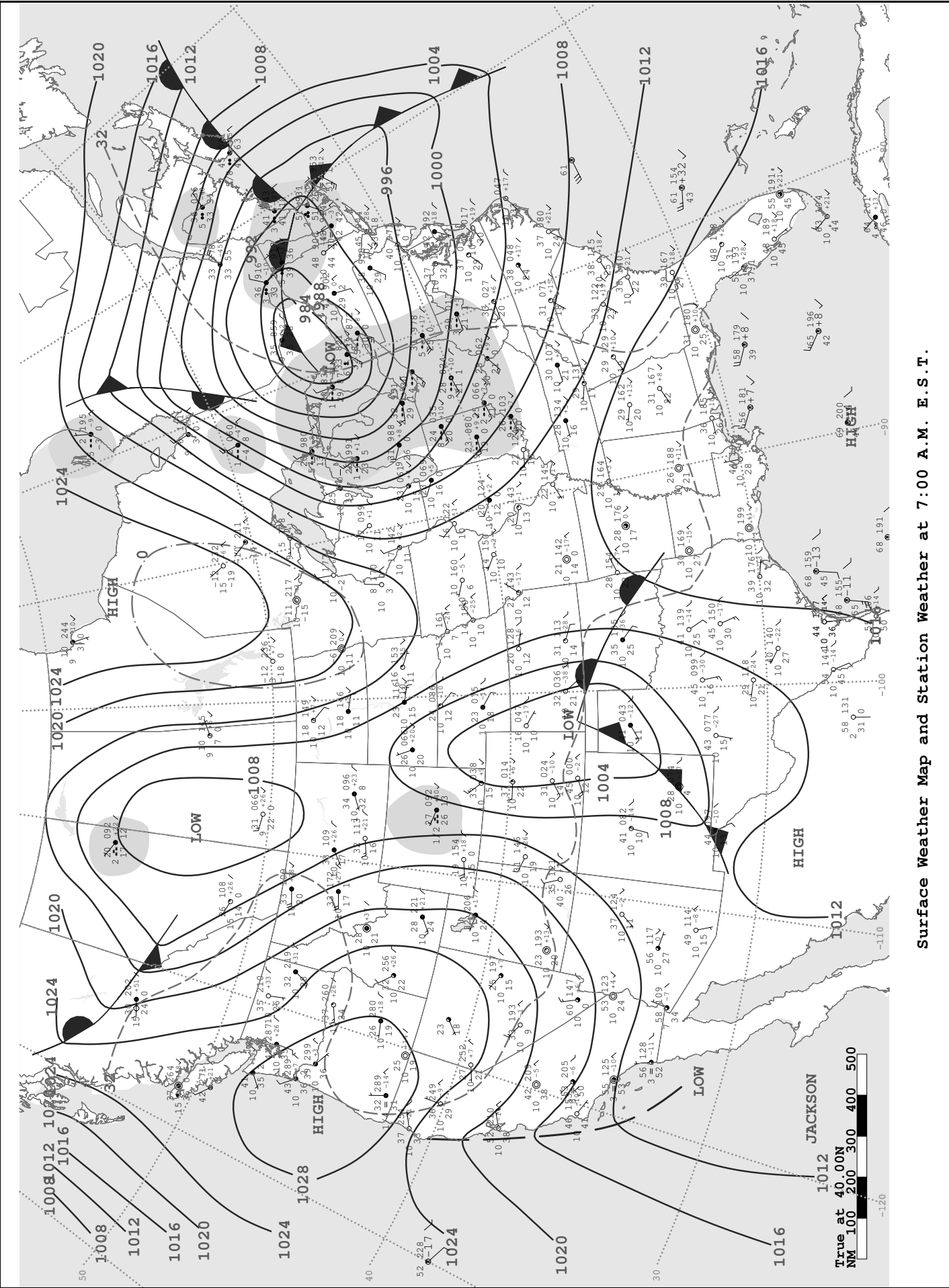




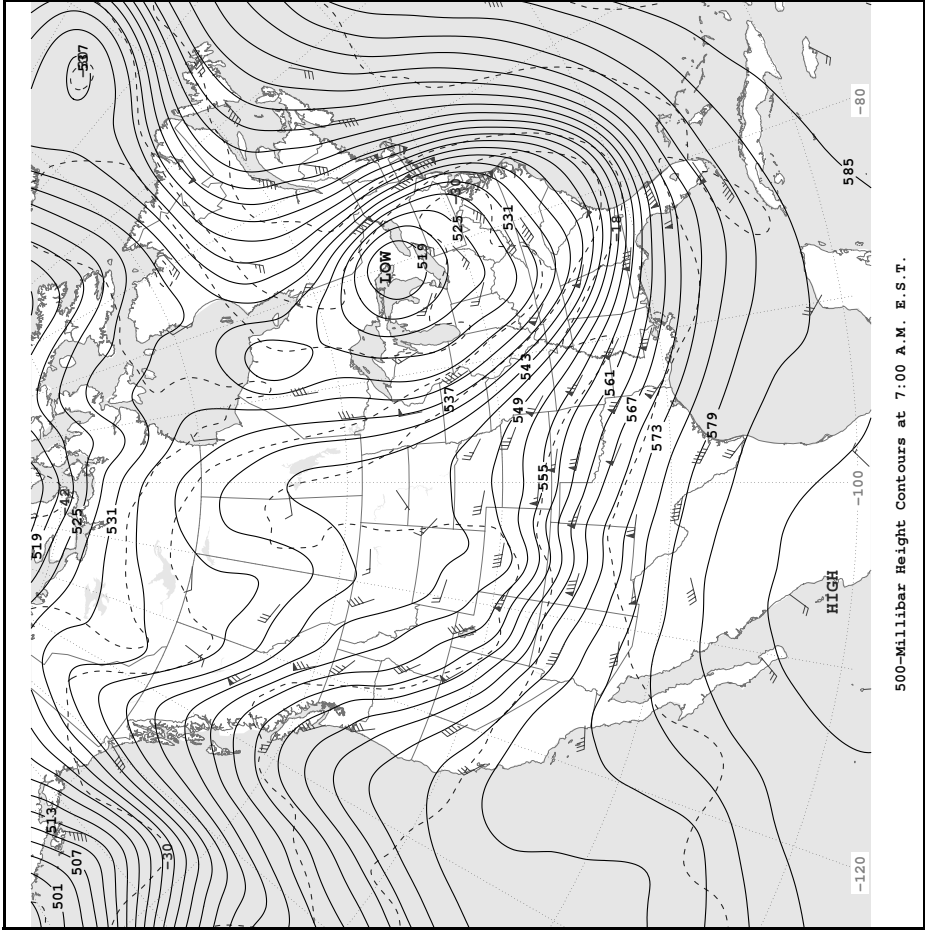
Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.

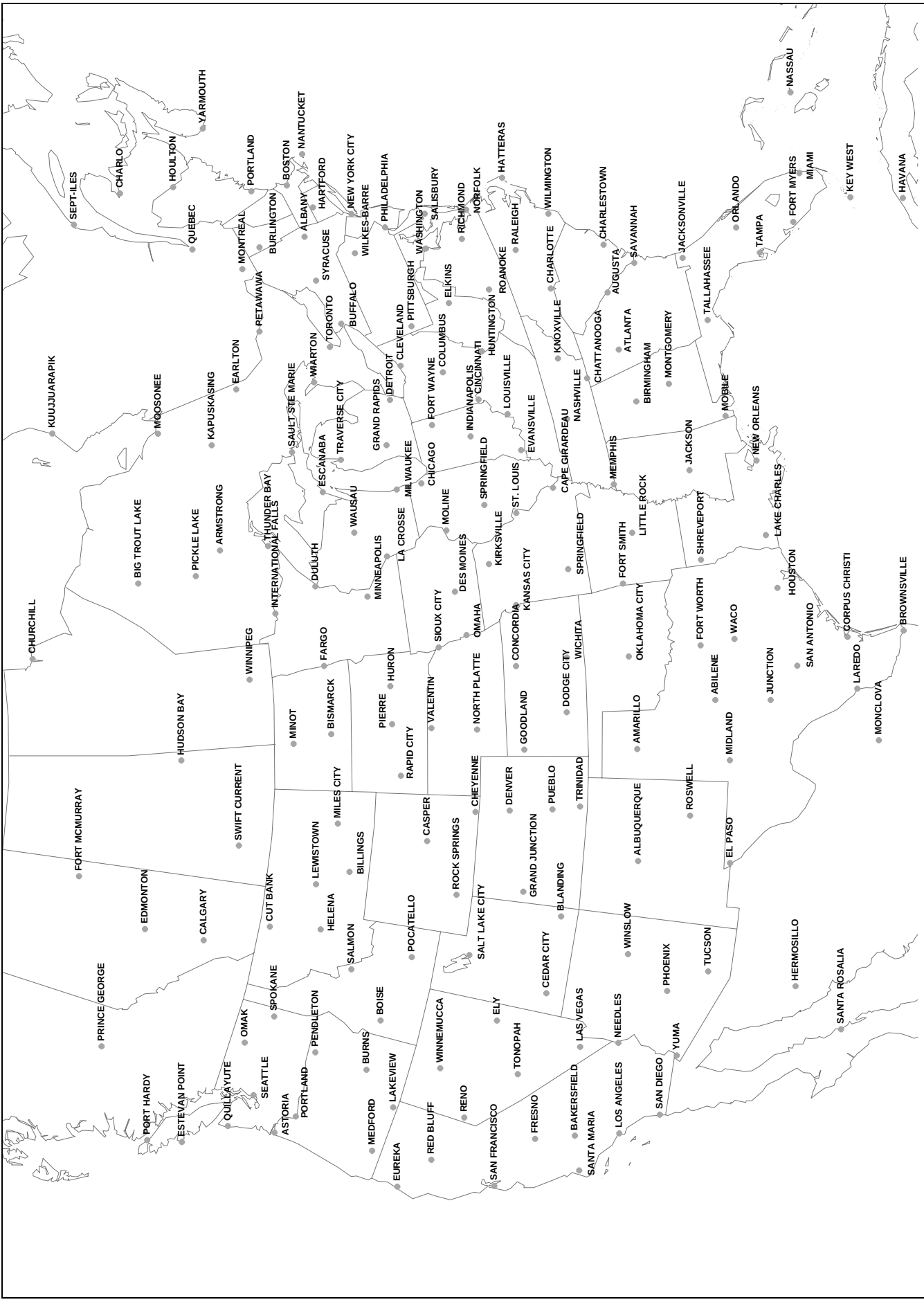


SATURDAY, FEBRUARY 4, 2006



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





Daily Weather Map Station Names and Locations