



Daily Weather Maps

JANUARY 18, 2010 - JANUARY 24, 2010

Week 3

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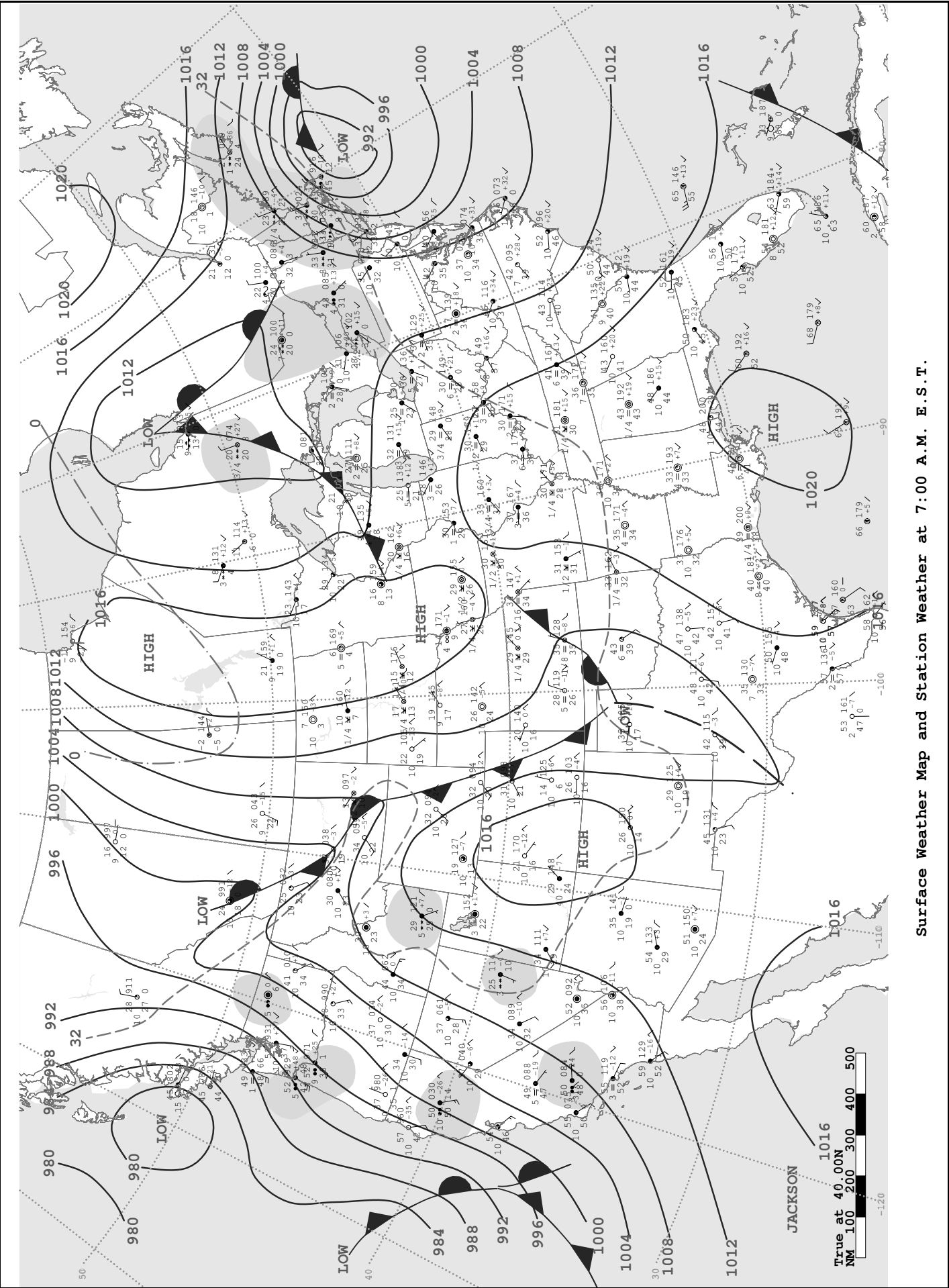
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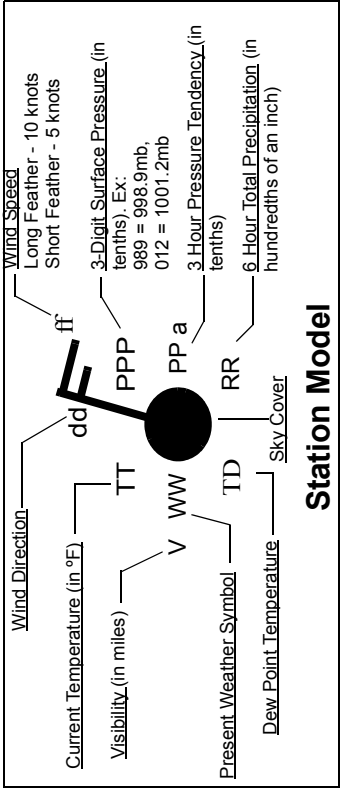
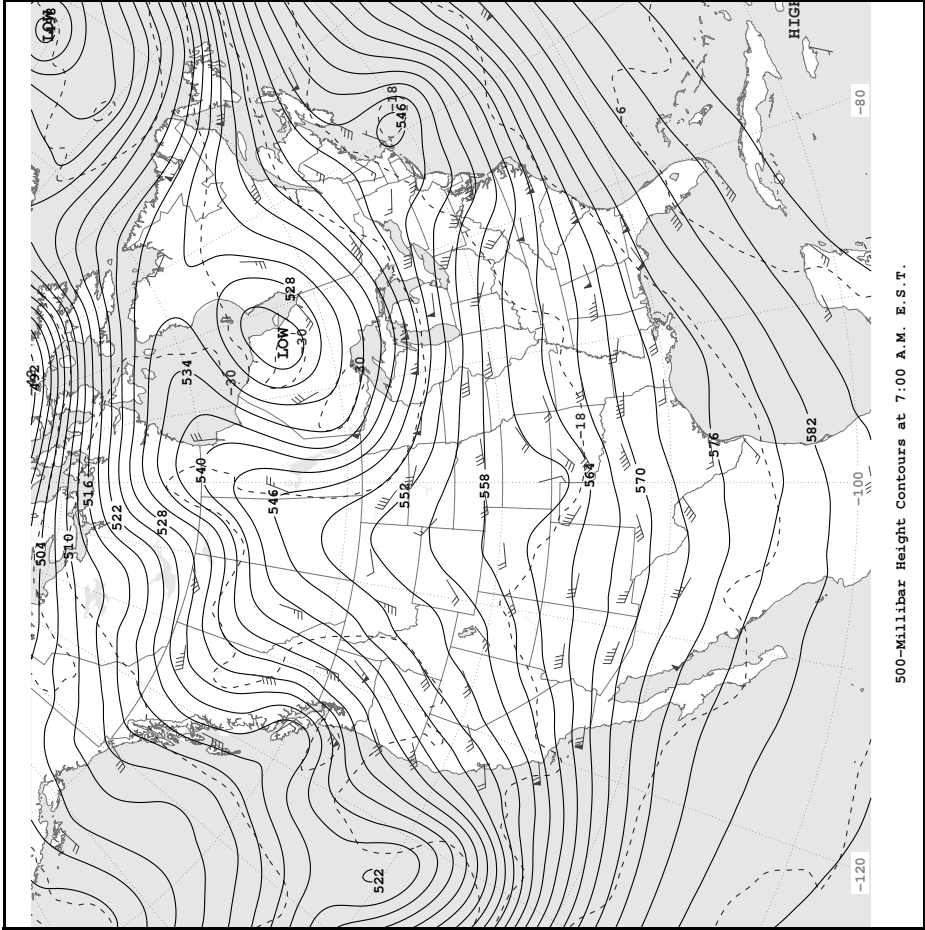
Correspondence to the meteorologists should be directed to: ***Daily Weather Map*, NOAA/National Weather Service, Room 410, 5200 Auth Rd, Camp Springs, MD 20746.**

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

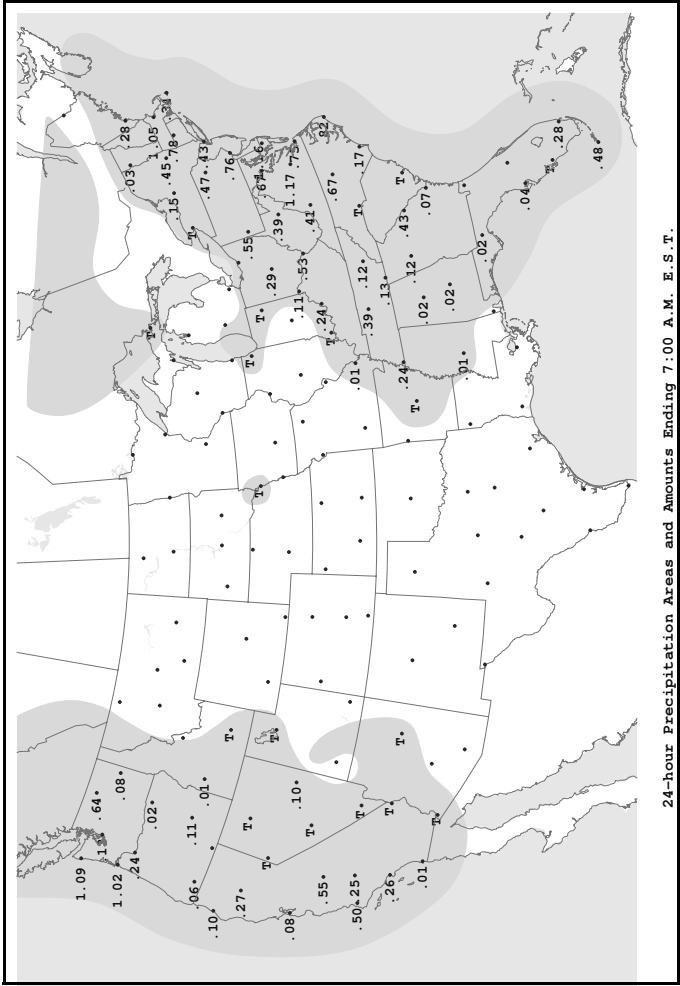
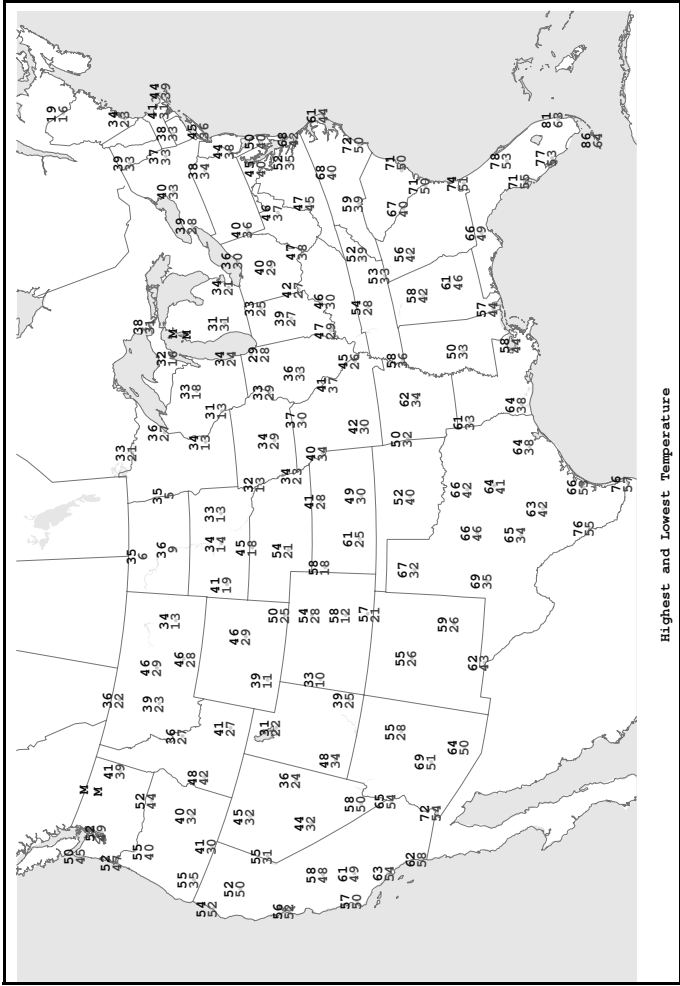
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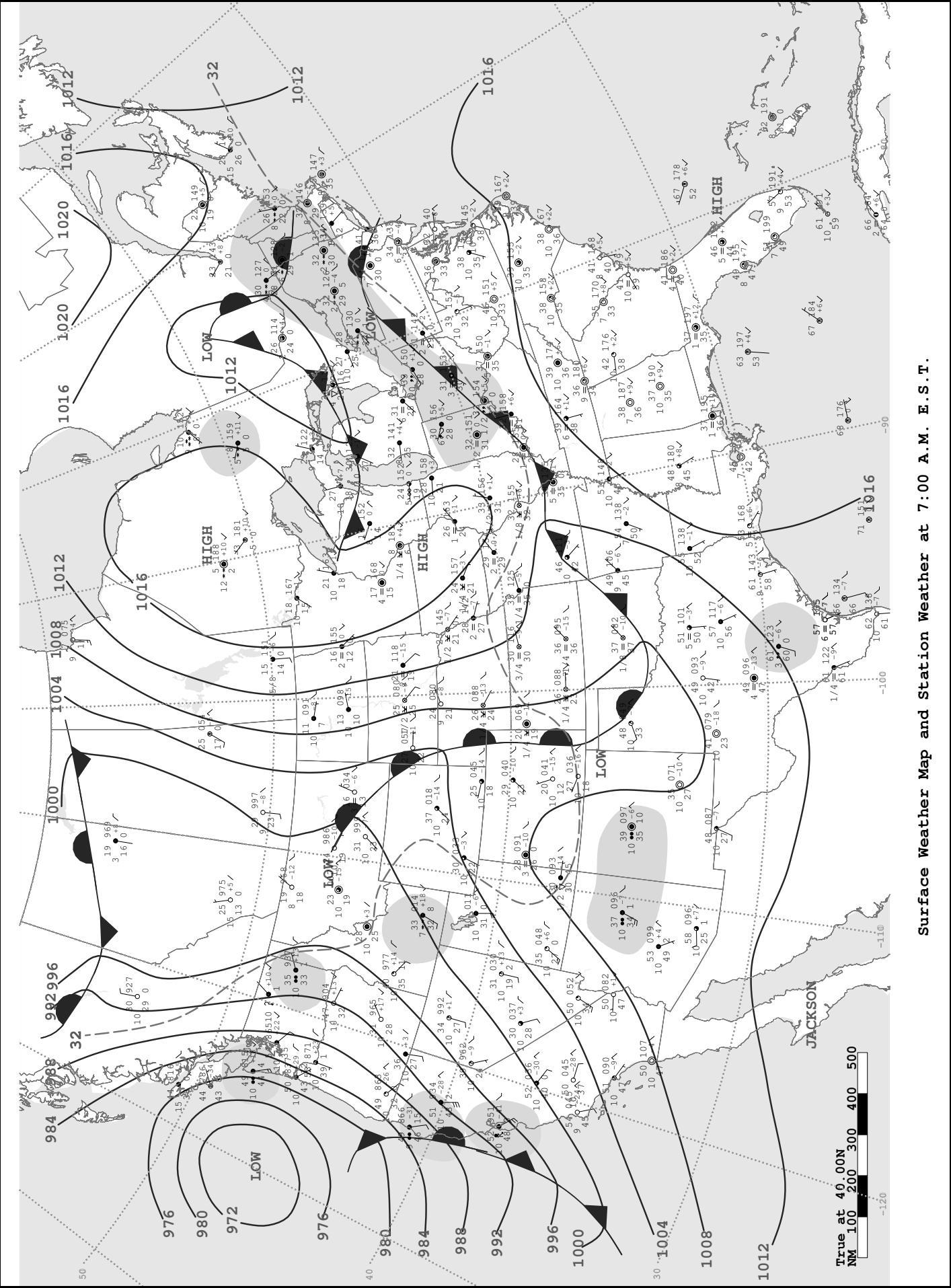


Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.

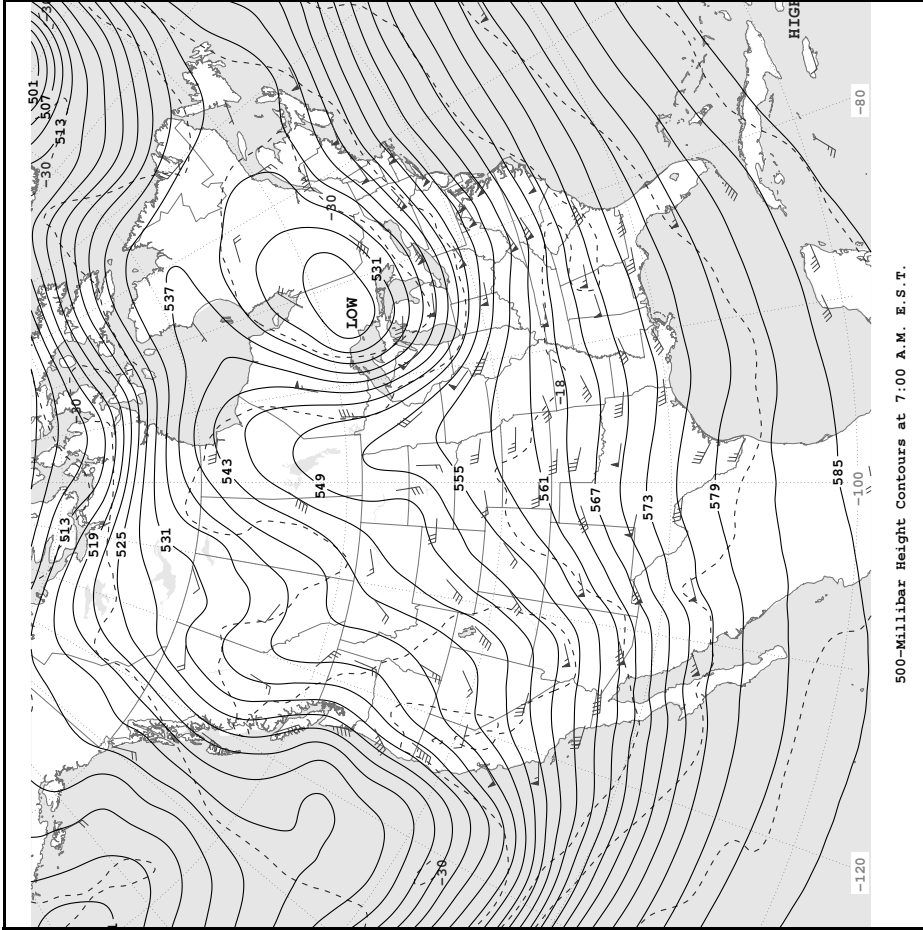


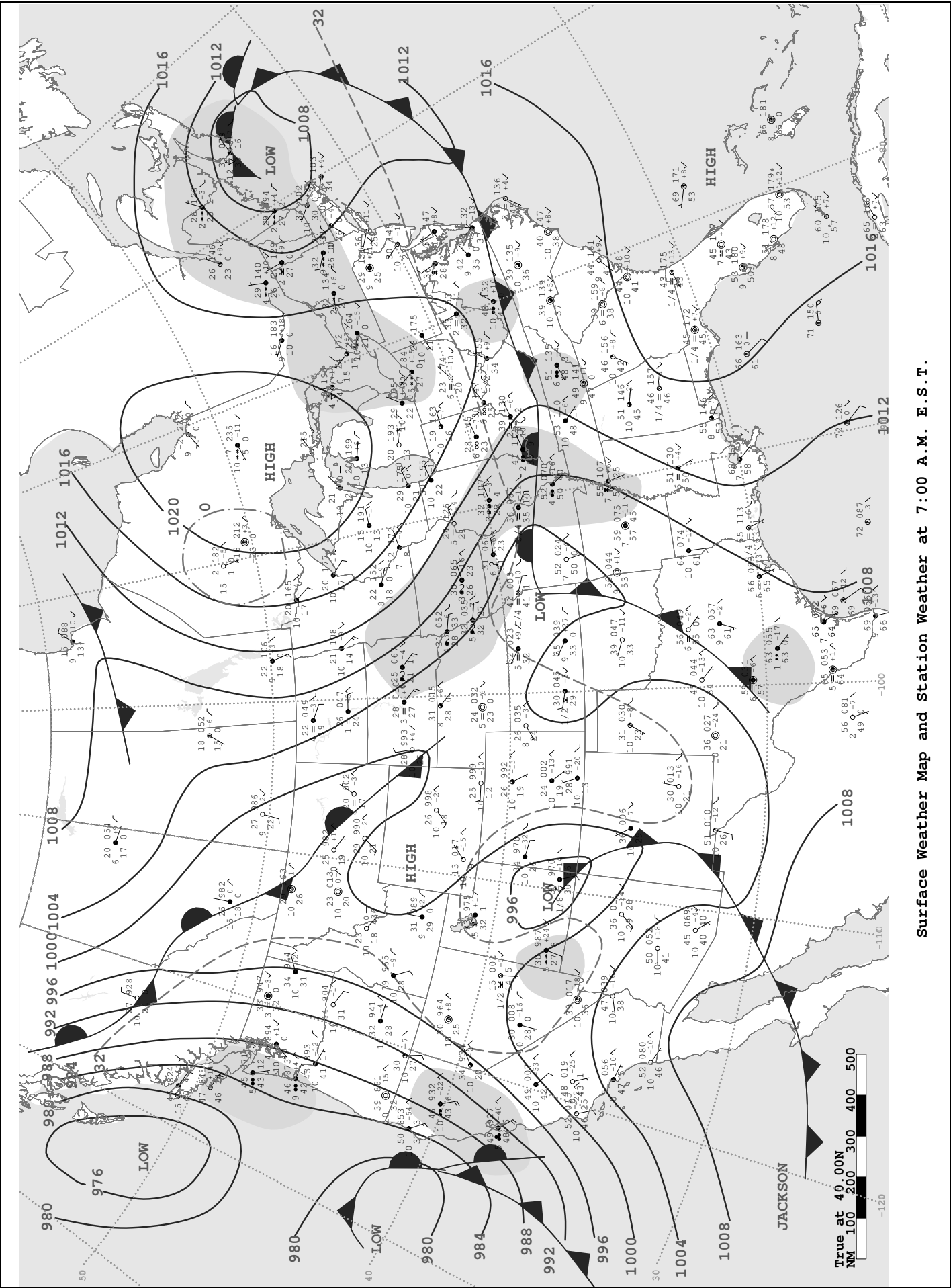
MONDAY, JANUARY 18, 2010



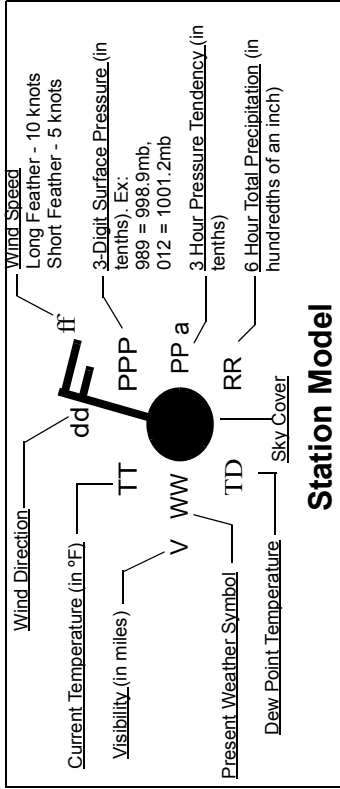
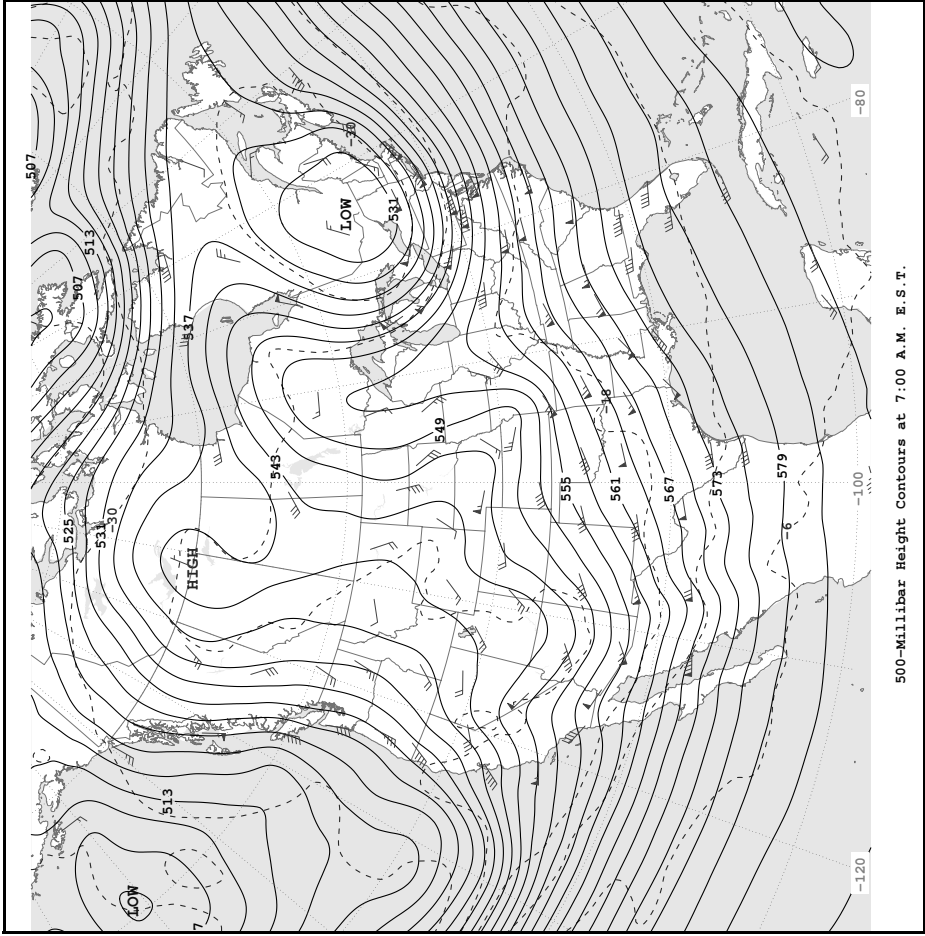


Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.

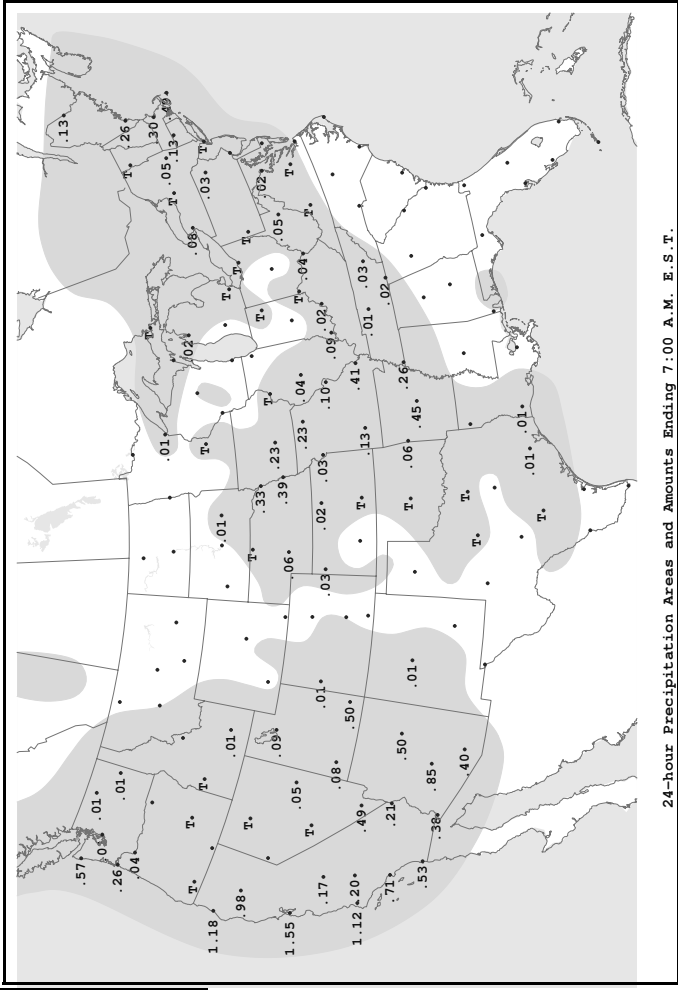
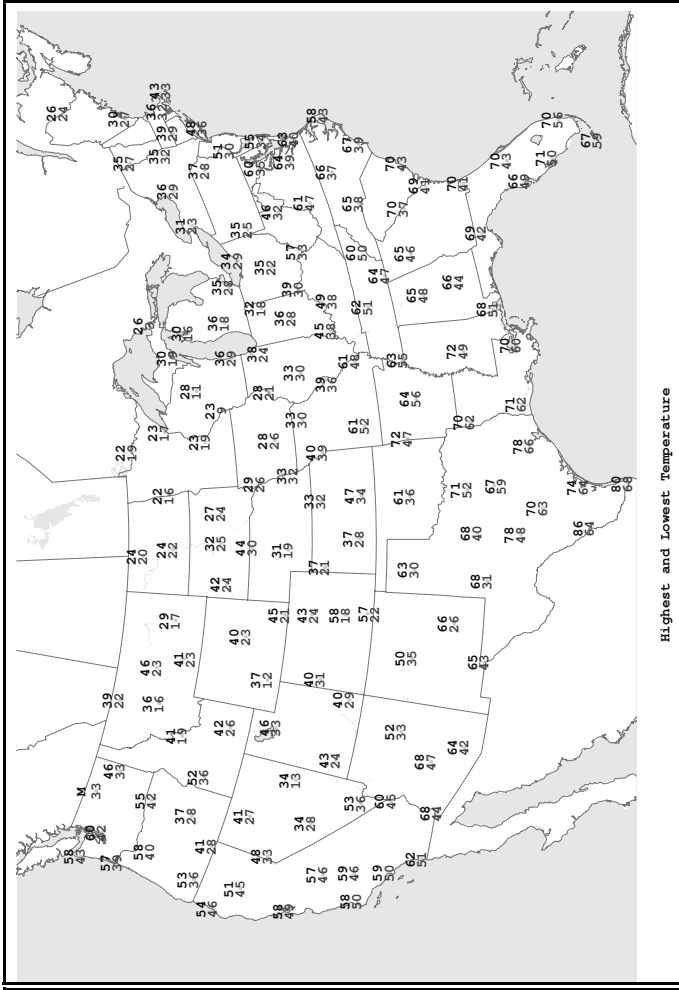


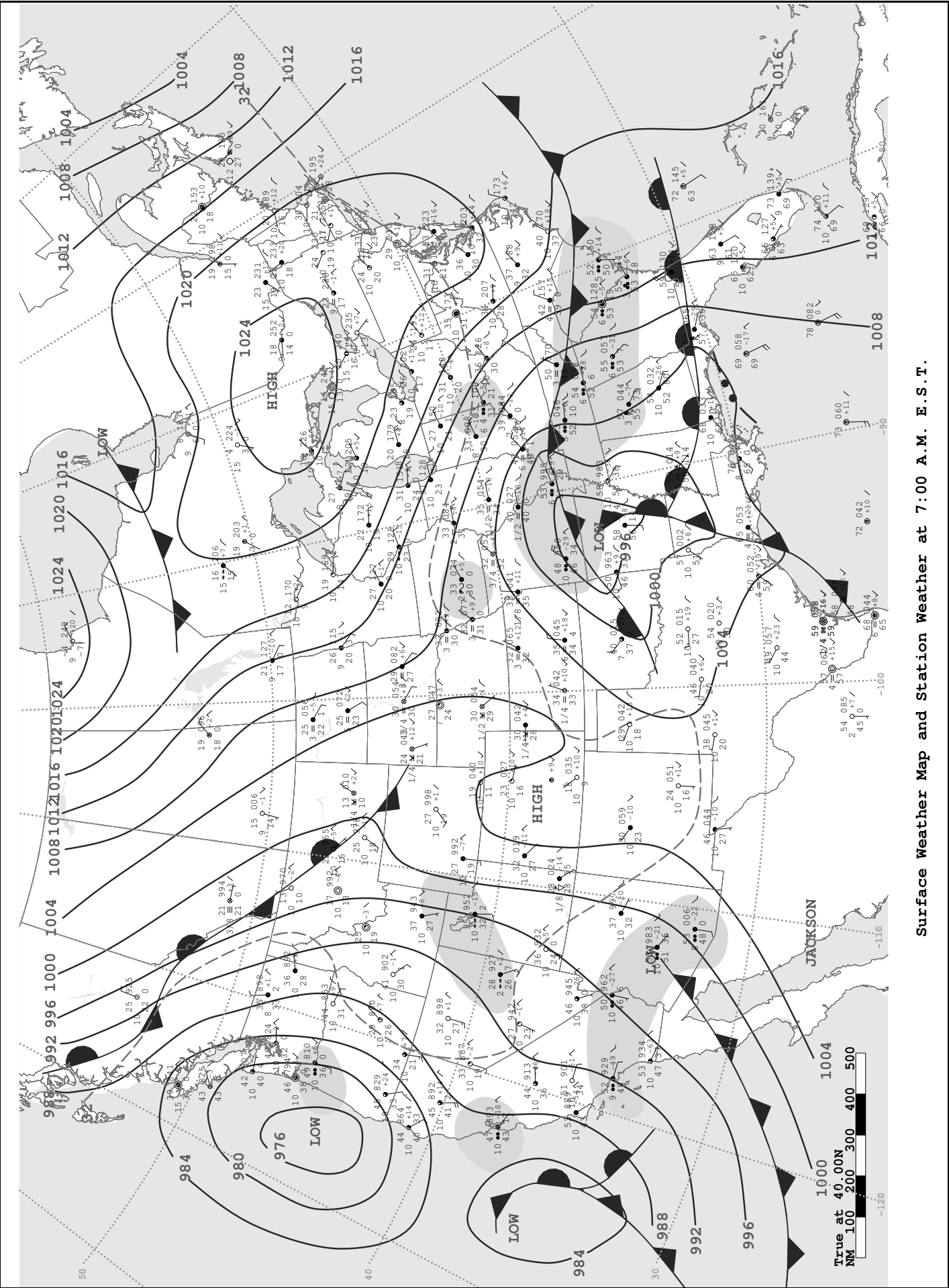


Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.

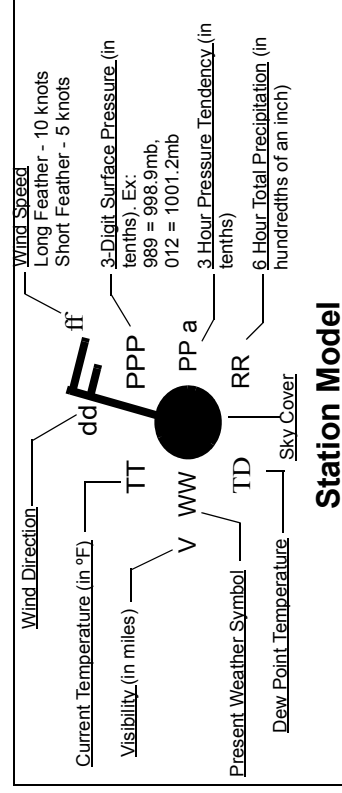
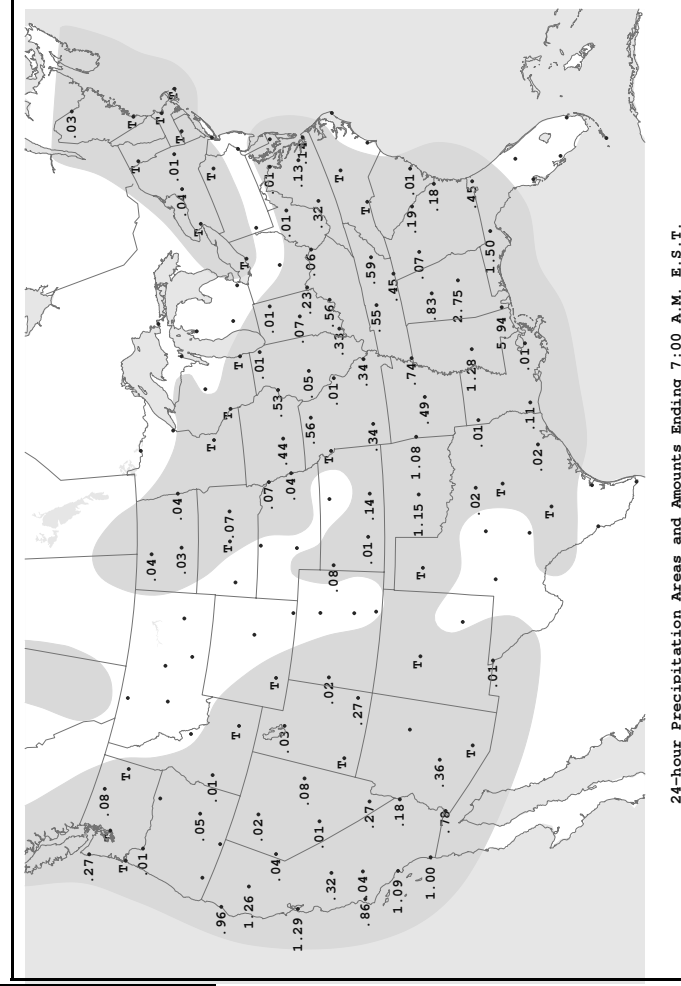
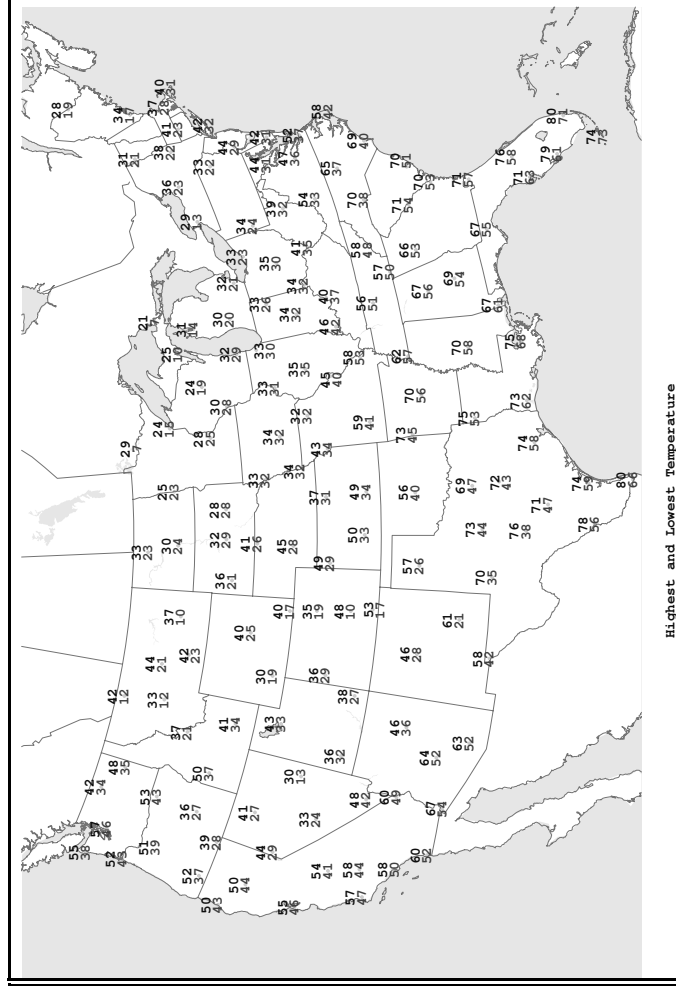
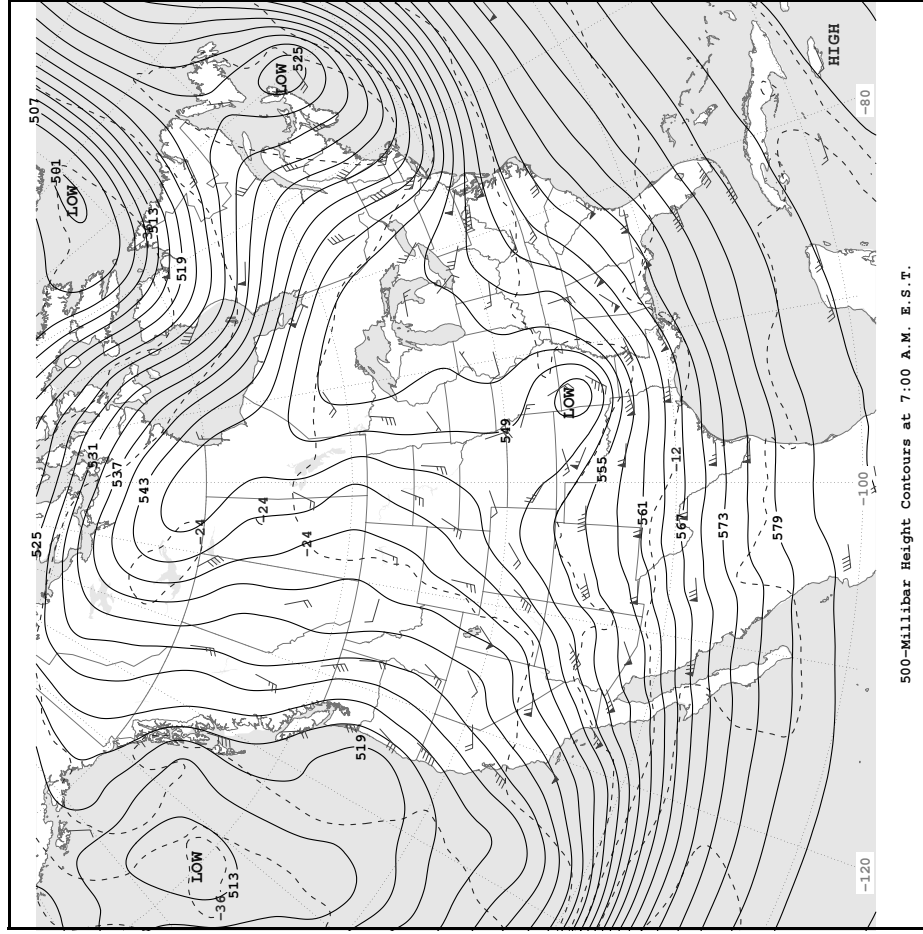


WEDNESDAY, JANUARY 20, 2010

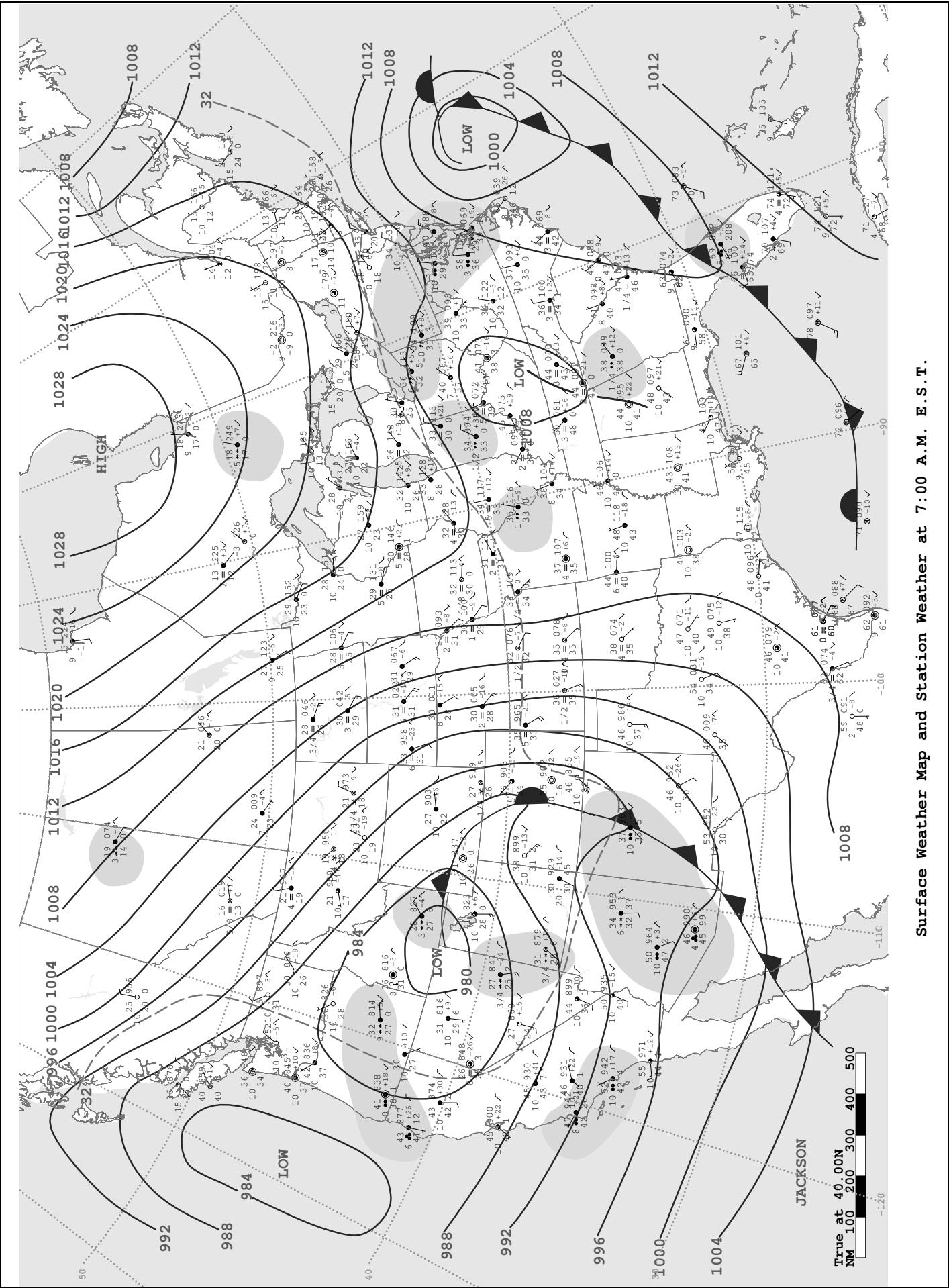




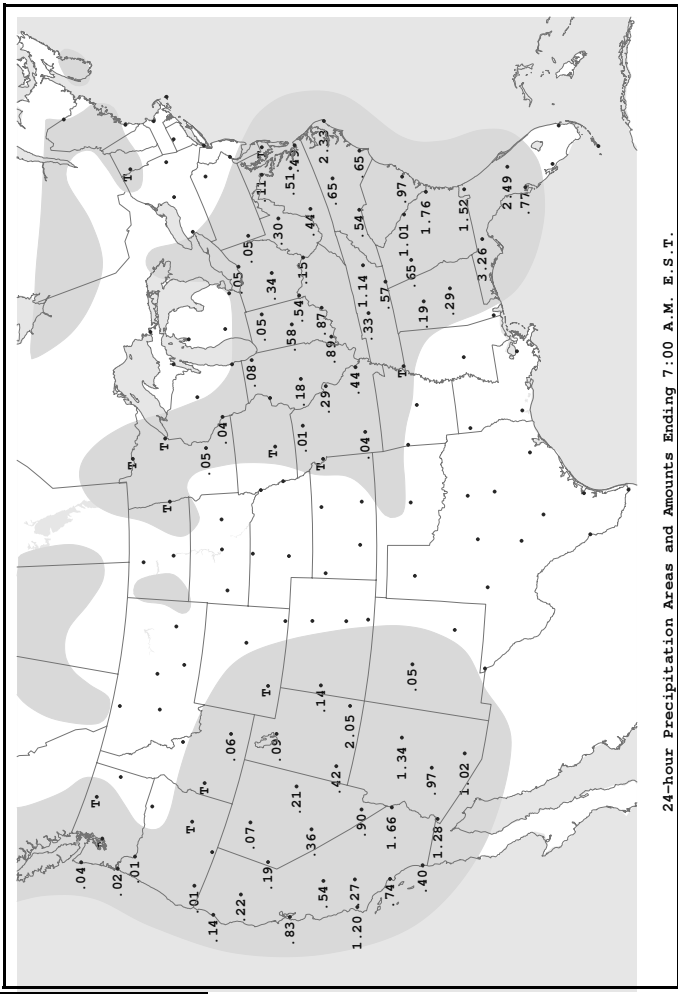
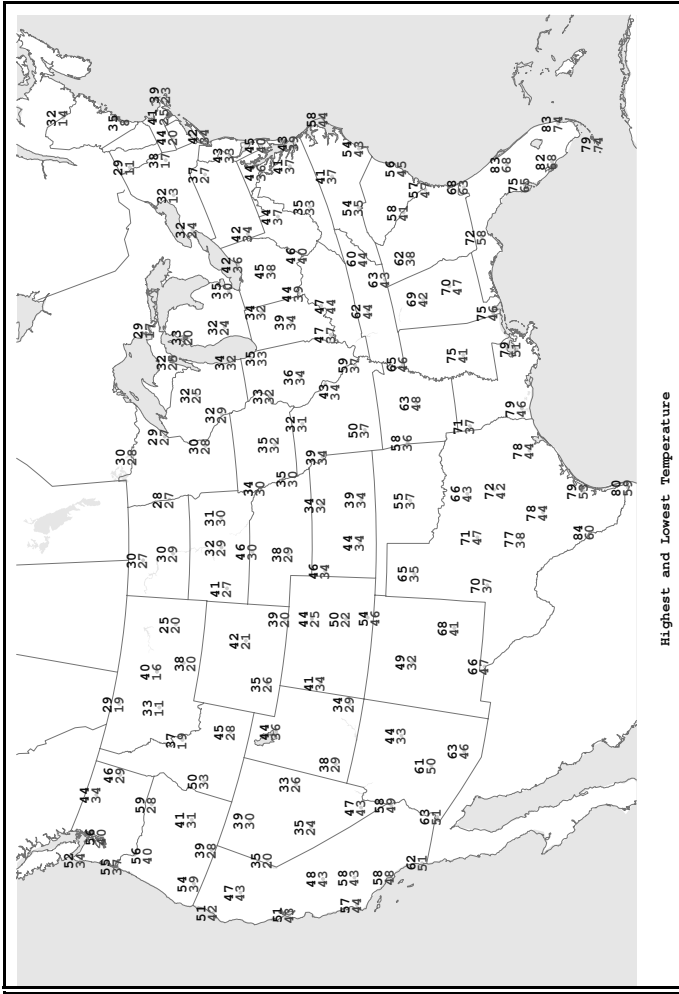
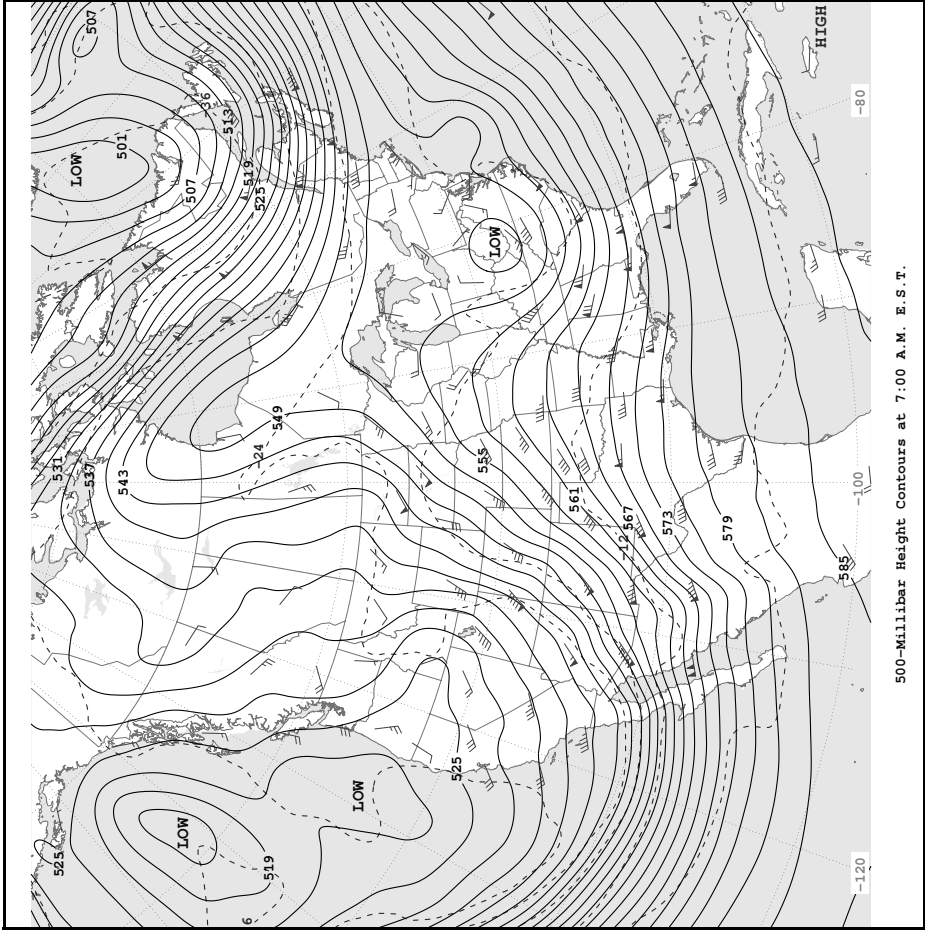
Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.



THURSDAY, JANUARY 21, 2010



Surface Weather Map and Station Weather at 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

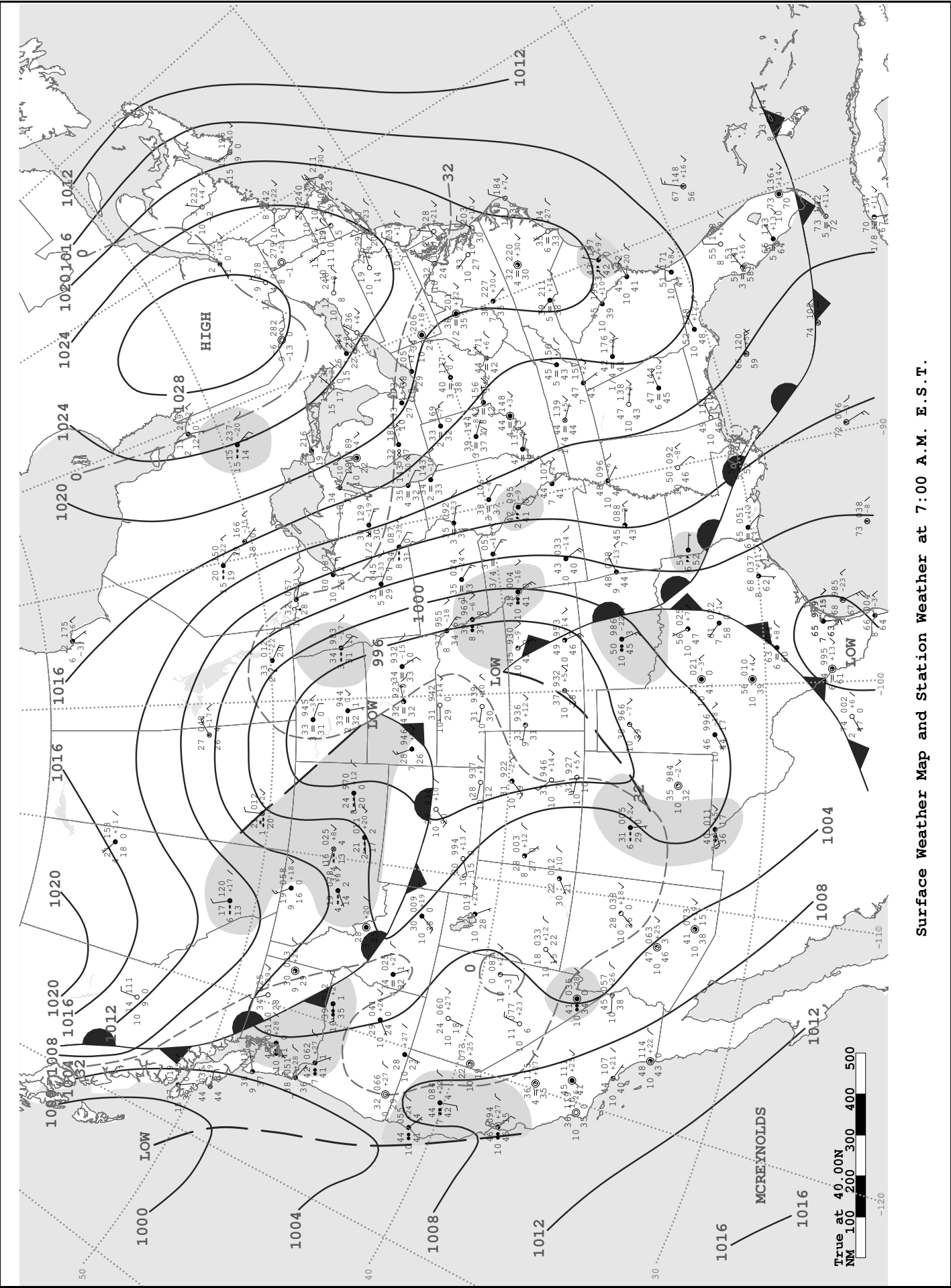
3-Digit Surface Pressure (in tenths) Ex: 989 = 998.9mb, 012 = 1001.2mb

3 Hour Pressure Tendency (in tenths)

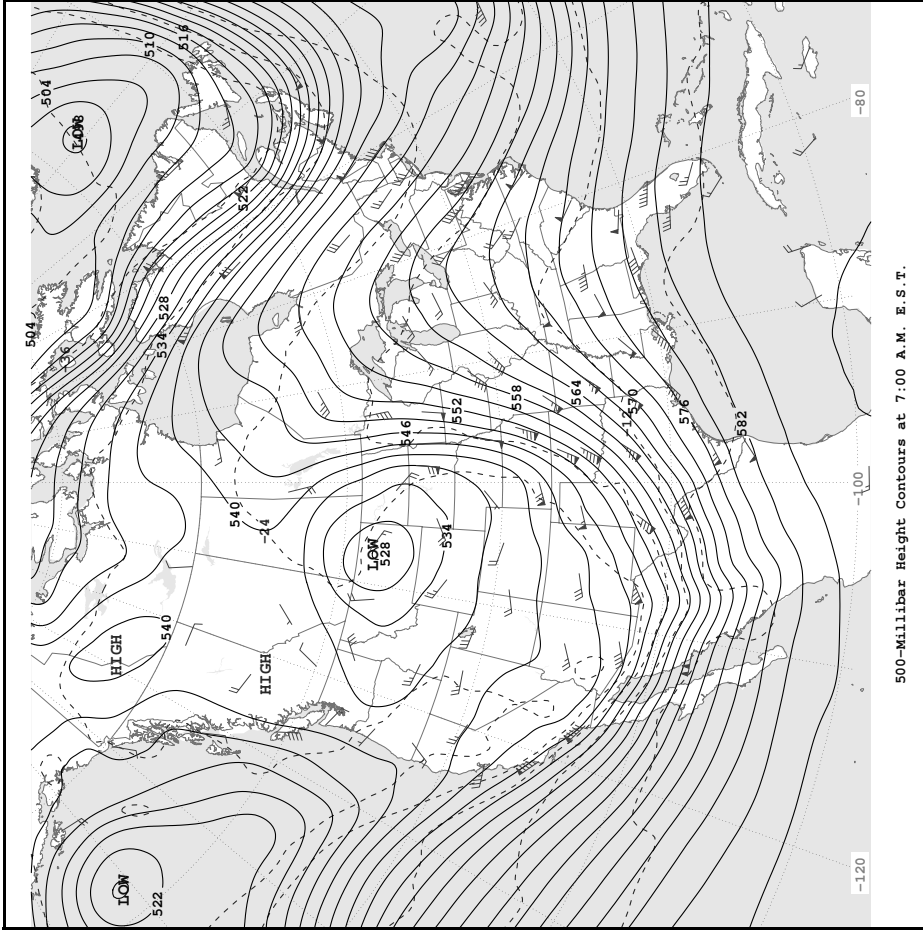
6 Hour Total Precipitation (in hundredths of an inch)

Station Model

FRIDAY, JANUARY 22, 2010



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)

Present Weather Symbol

Dew Point Temperature

Wind Speed

Long Feather - 10 knots

Short Feather - 5 knots

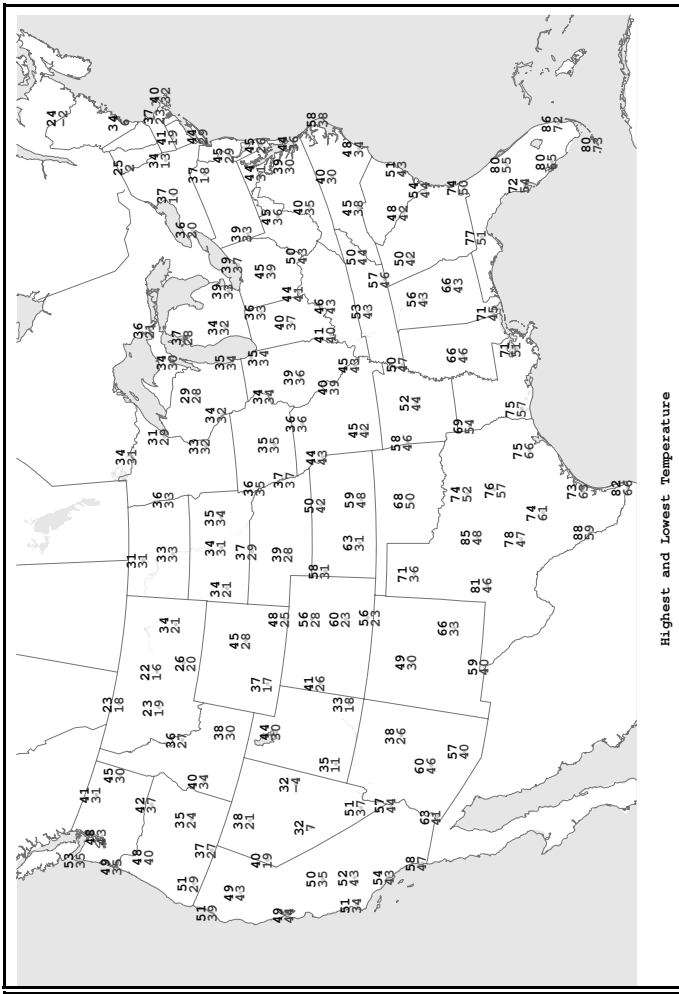
3-Digit Surface Pressure (in tenths) Ex: 989 = 998.9mb, 012 = 1001.2mb

3 Hour Pressure Tendency (in tenths)

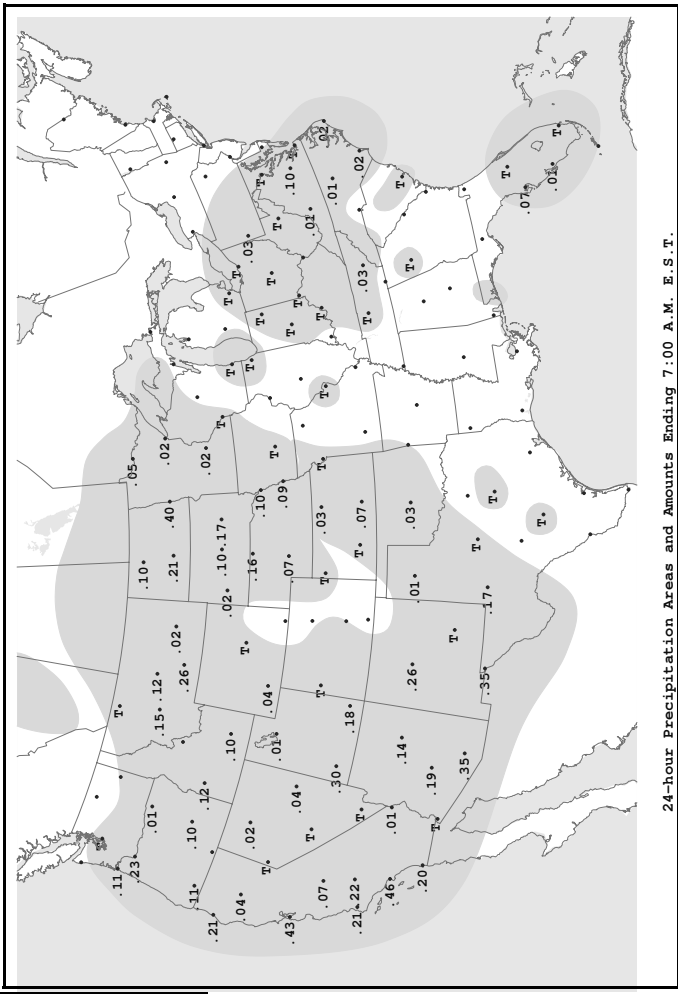
6 Hour Total Precipitation (in hundredths of an inch)

Sky Cover

Station Model



Highest and Lowest Temperature



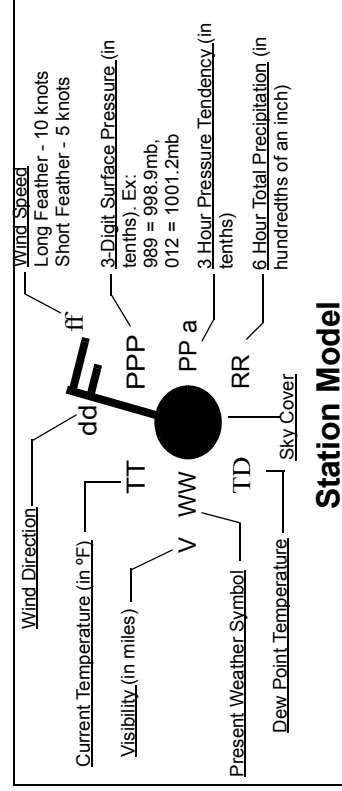
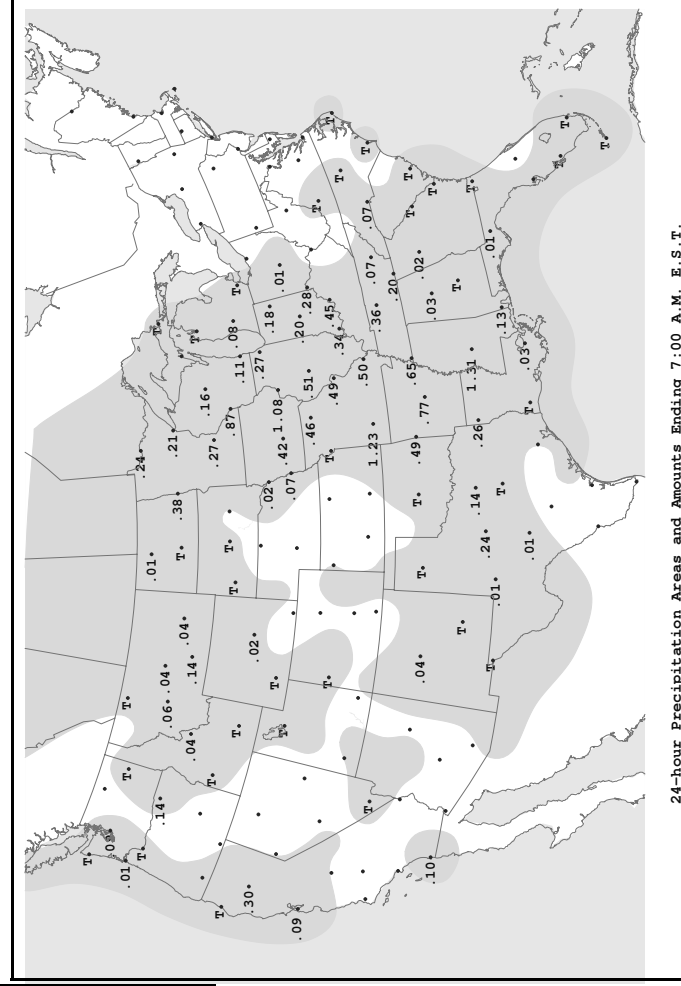
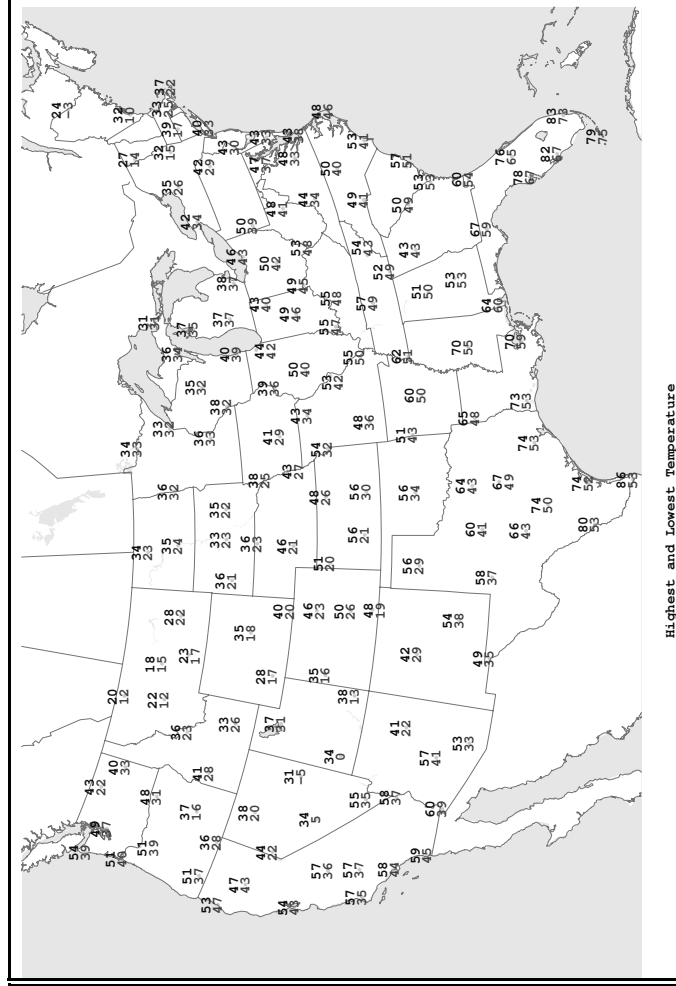
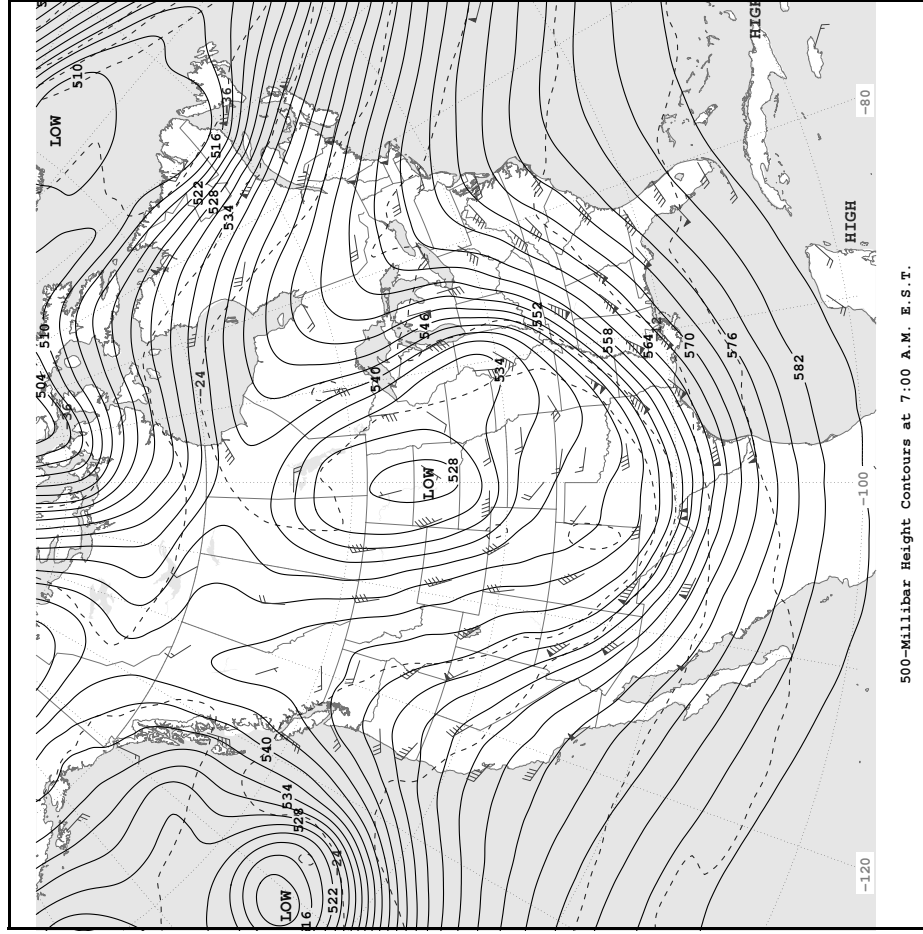
This is a detailed surface weather map of the United States and surrounding regions, including parts of Canada, Mexico, and the Caribbean. The map is titled "Surface Weather Map and Station Weather at 7:00 A.M. E.S.T." and is dated "True at 40.00N".

The map displays various weather features:

- Pressure Systems:** High-pressure areas (labeled "HIGH") are located over the Pacific Northwest and the Gulf of Mexico. Low-pressure areas (labeled "LOW") are situated over the central and eastern United States.
- Fronts:** Cold fronts (indicated by lines with triangles) and warm fronts (indicated by lines with semicircles) are shown extending across the continent.
- Station Data:** Numerous weather stations are marked with numbers and symbols, providing data on temperature, wind, and other conditions. For example, stations in the Pacific Northwest show temperatures around 10-15°C, while stations in the Gulf of Mexico show temperatures around 25-30°C.
- Scale:** A scale bar at the bottom indicates distances from 0 to 500 NM (Nautical Miles).

The map is a black and white line drawing, typical of meteorological charts. It includes a grid of latitude and longitude lines, and various symbols for weather features and station data.

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



SUNDAY, JANUARY 24, 2010

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Daily Weather Maps, W/NP3
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Daily Weather Map Station Names and Locations