



Daily Weather Maps

APRIL 21, 2008 - APRIL 27, 2008

Week 17

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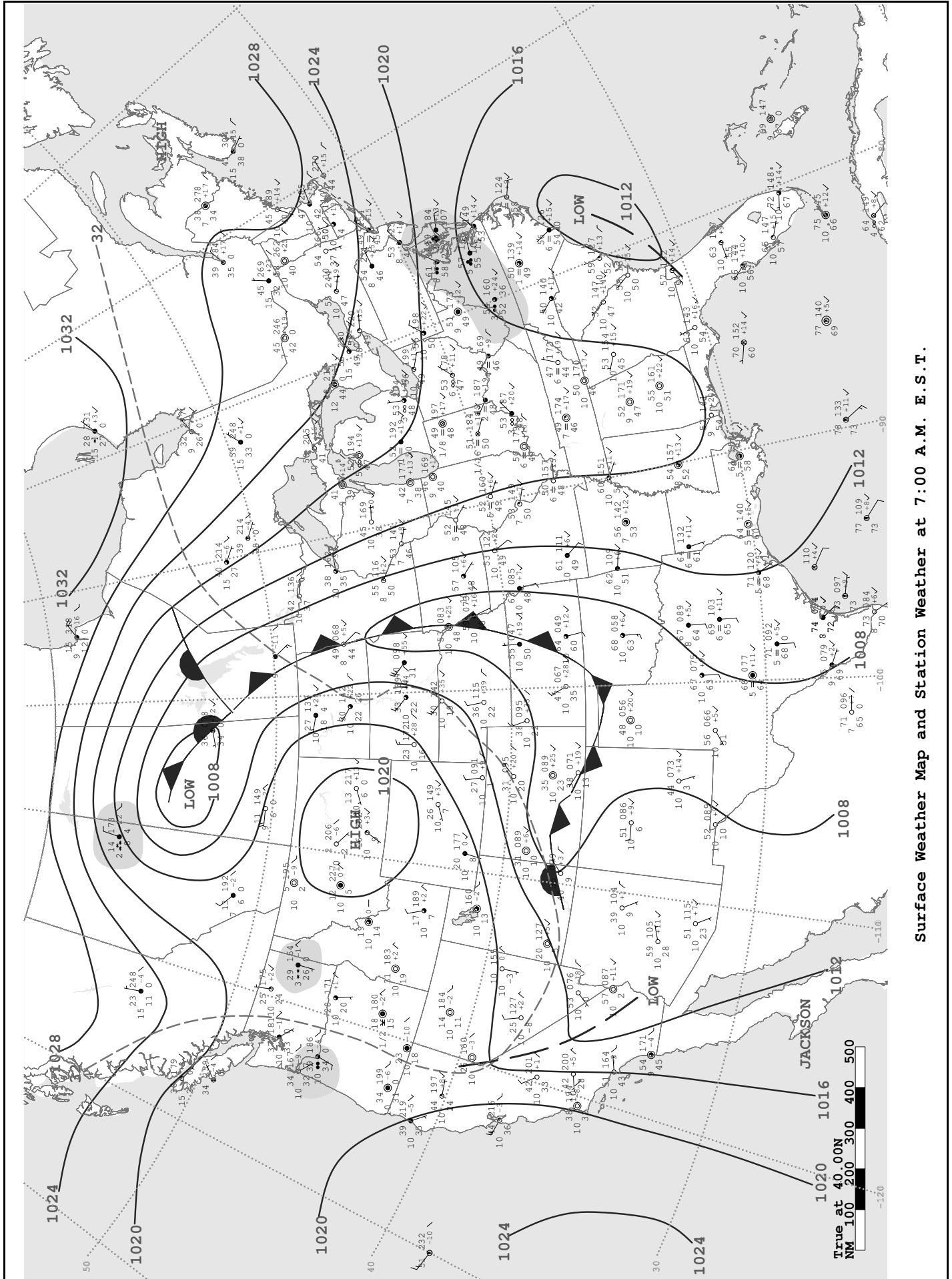
Correspondence to the meteorologists should be directed to: *Daily Weather Map*, NOAA/National Weather Service, Room 410, 5200 Auth Rd, Camp Springs, MD 20746.

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

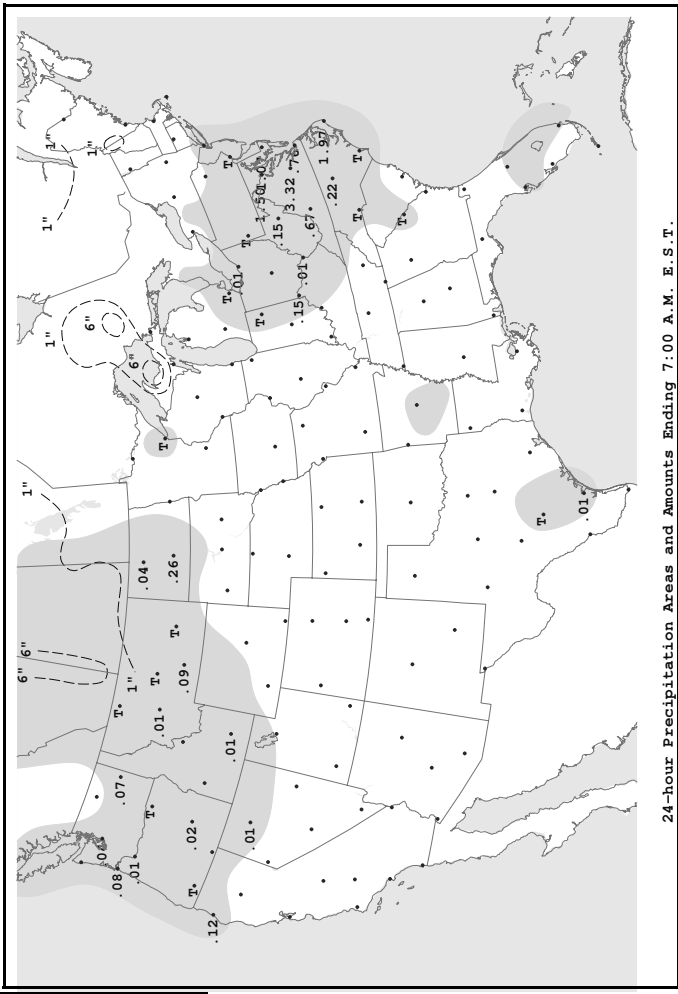
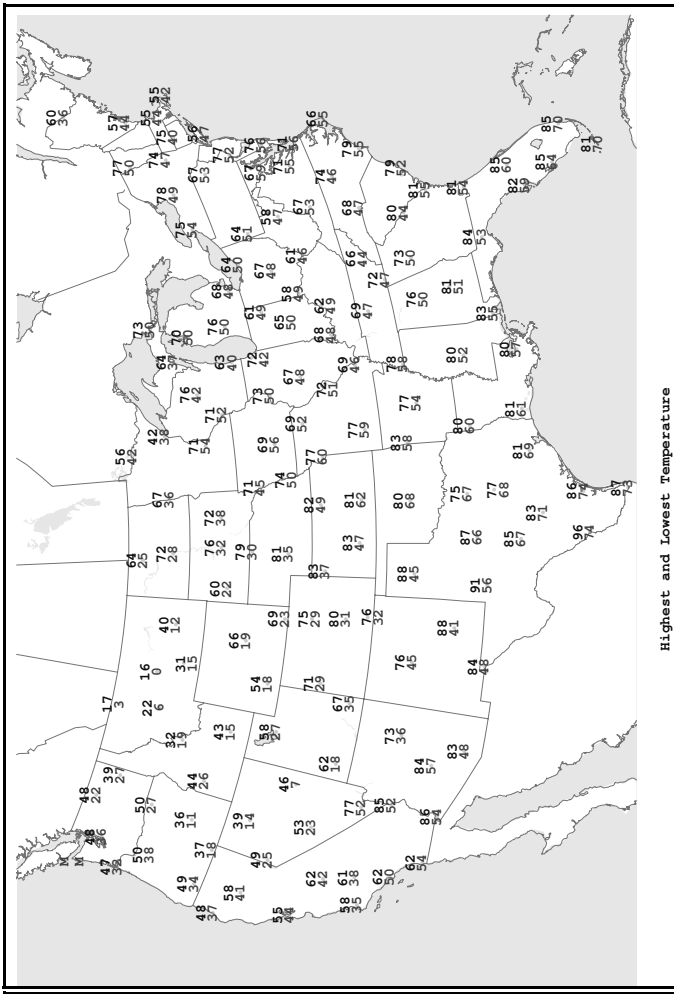
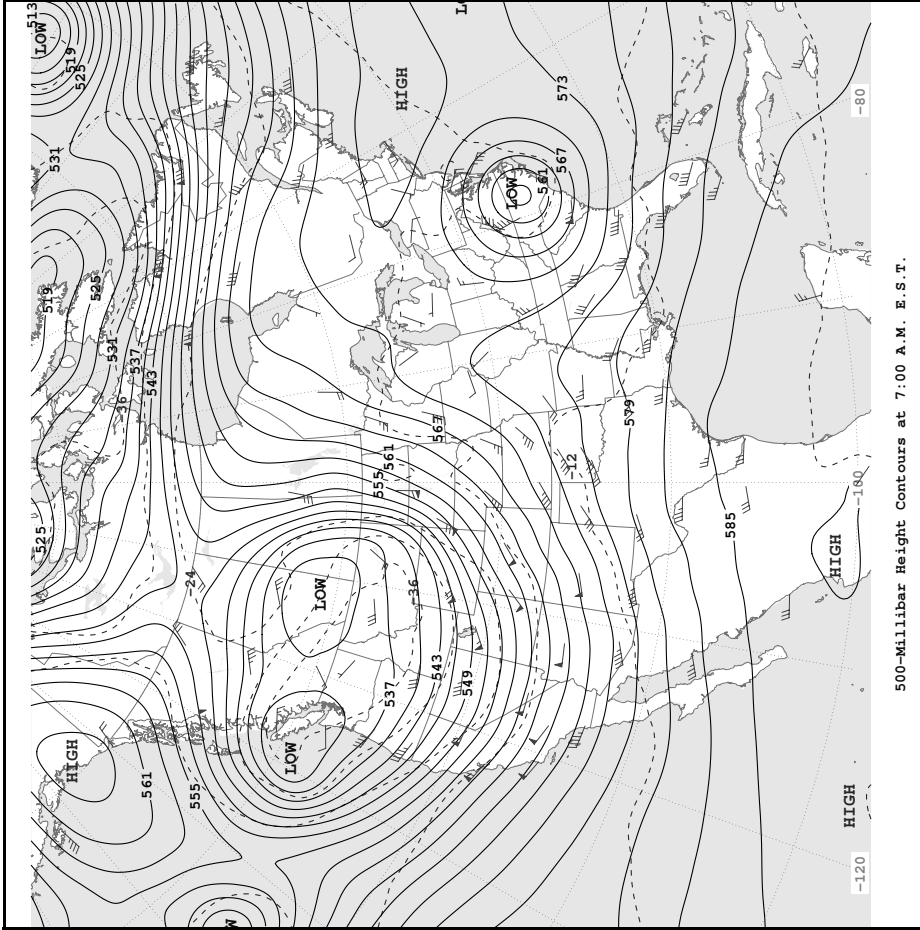
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Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.

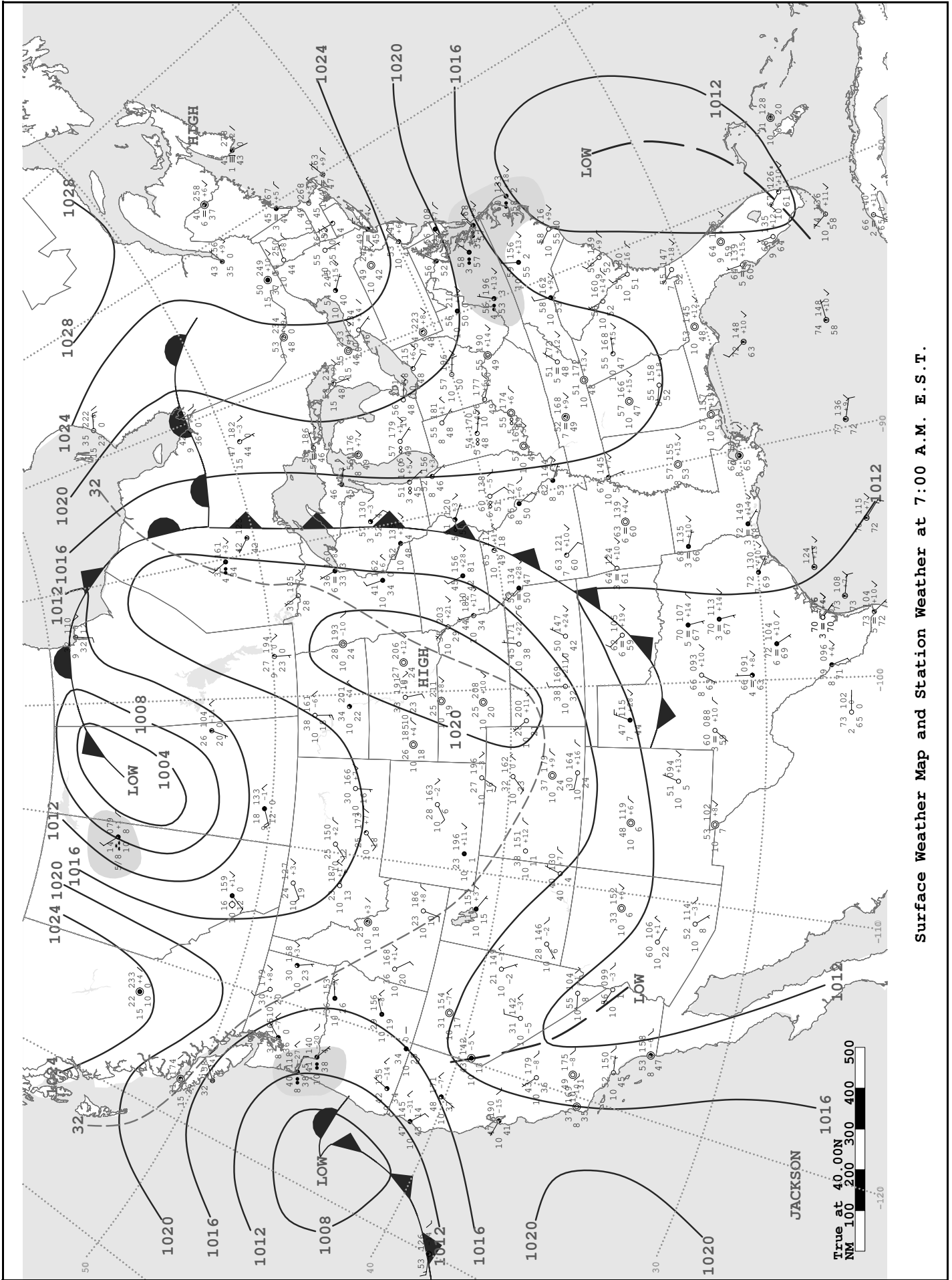


Station Model

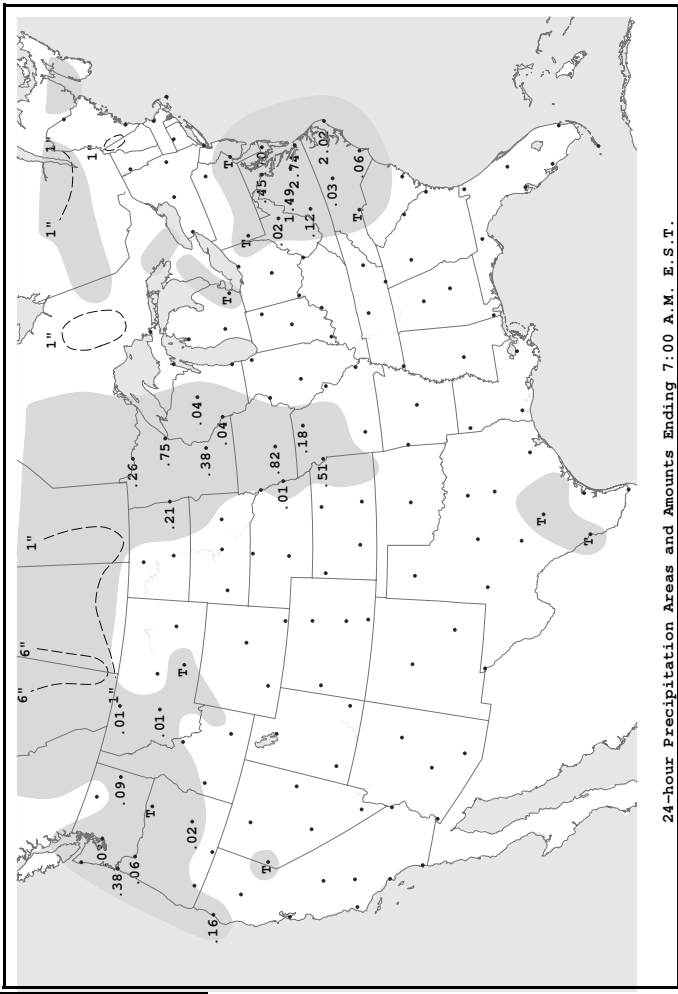
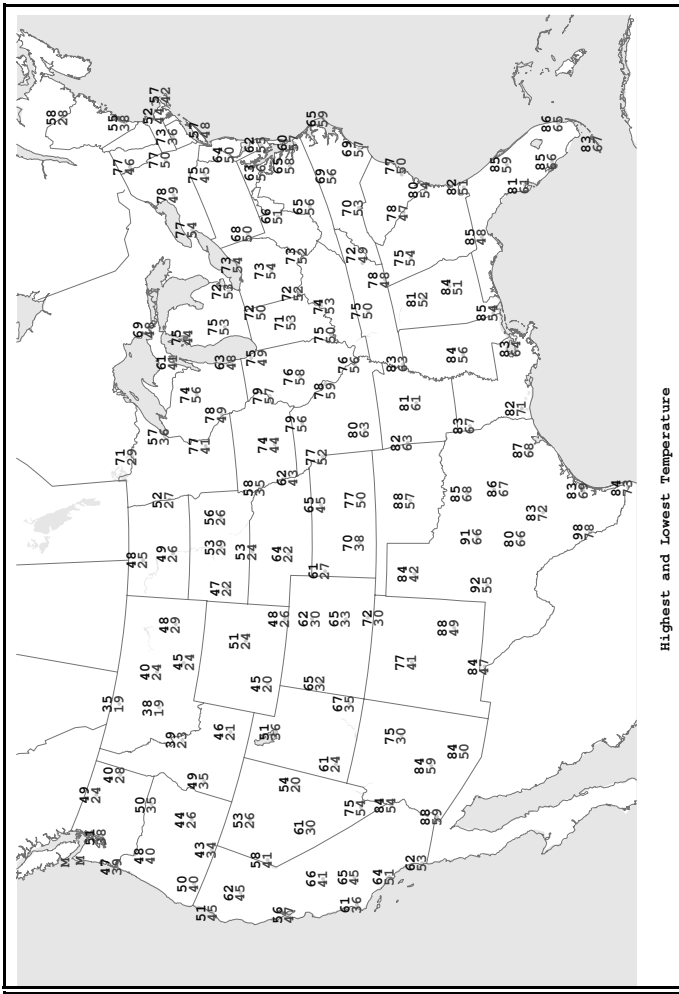
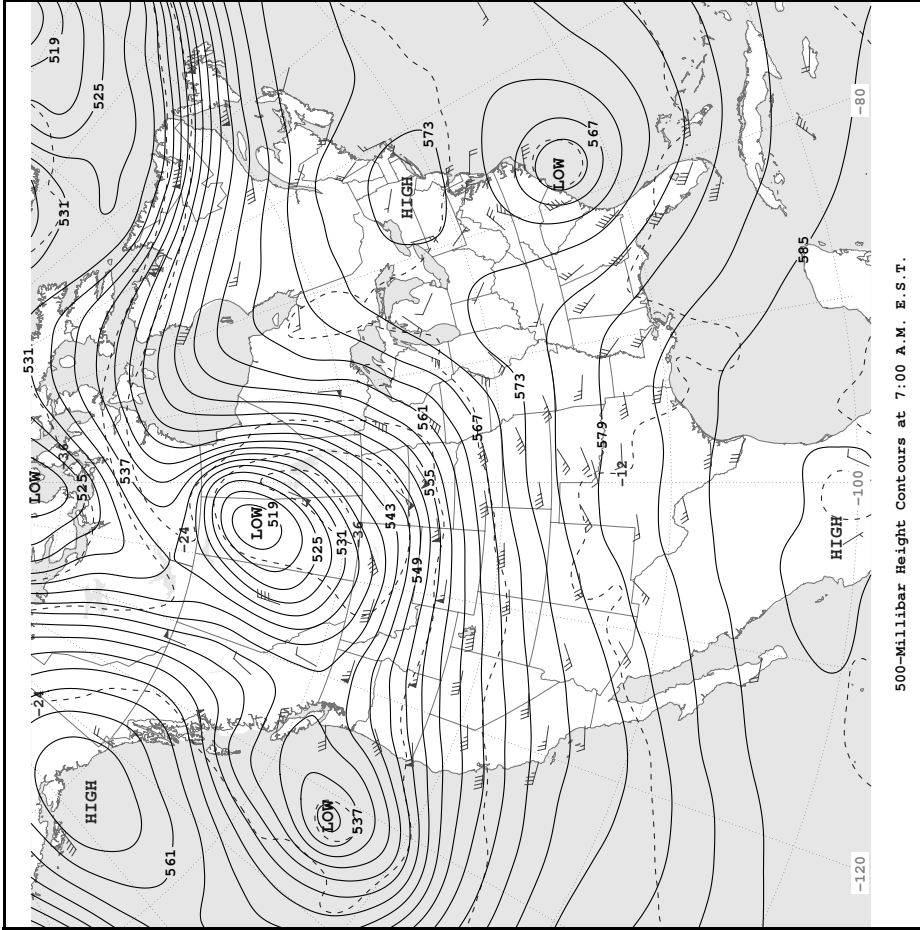
The station model diagram includes the following components and their units:

- 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 'F'.
- Visibility (in miles):** Represented by the number 'V'.
- Present Weather Symbol:** Represented by a circle containing 'PP'.
- Dew Point Temperature:** Represented by the number 'DD'.
- Wind Speed:** Represented by the number 'W'.
- 3-Hour Pressure Tendency (in tenths):** Represented by the number 'PPP'.
- 6-Hour Total Precipitation (in hundredths of an inch):** Represented by the number 'PPa'.
- ft:** Feet, indicated by a vertical line.

MONDAY, APRIL 21, 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**

Visibility (in miles): **V**

Present Weather Symbol: **PP**

Dew Point Temperature: **TT**

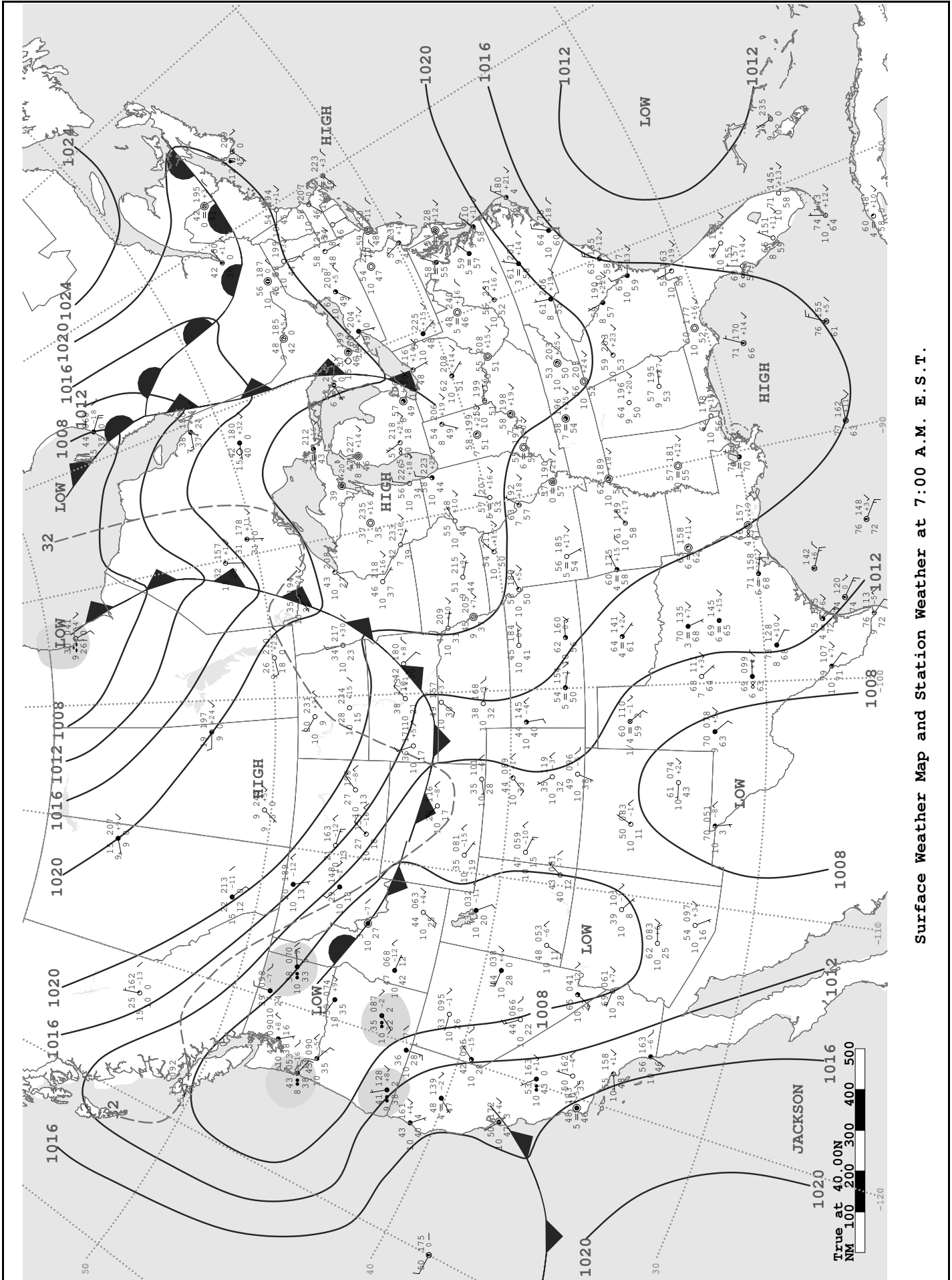
3-Digit Surface Pressure (in tenths): **PPP** (Ex: 989 = 998.9mb, 012 = 1001.2mb)

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

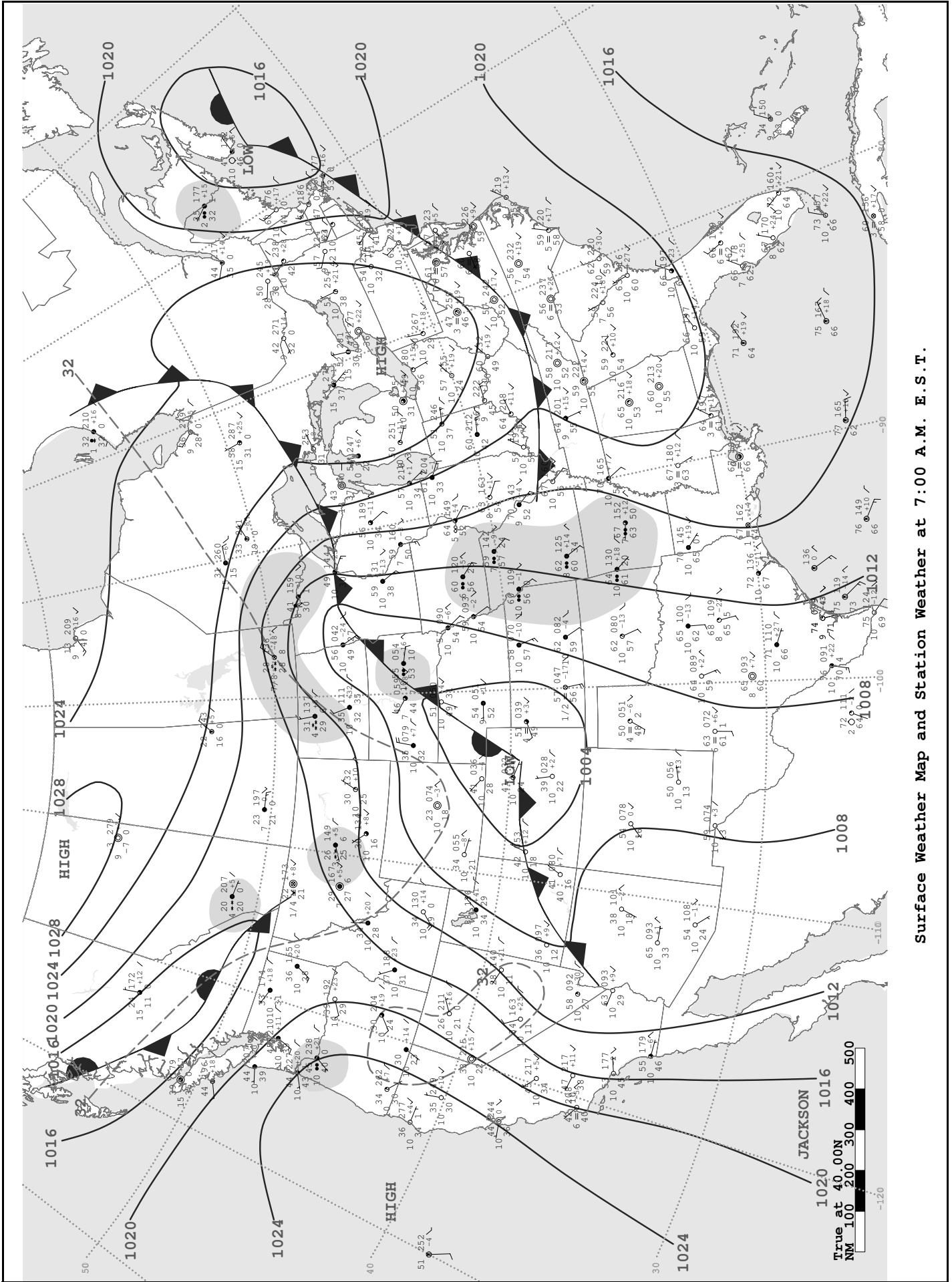
6 Hour Total Precipitation (in hundredths of an inch): **RR**

Sky Cover: **RR**

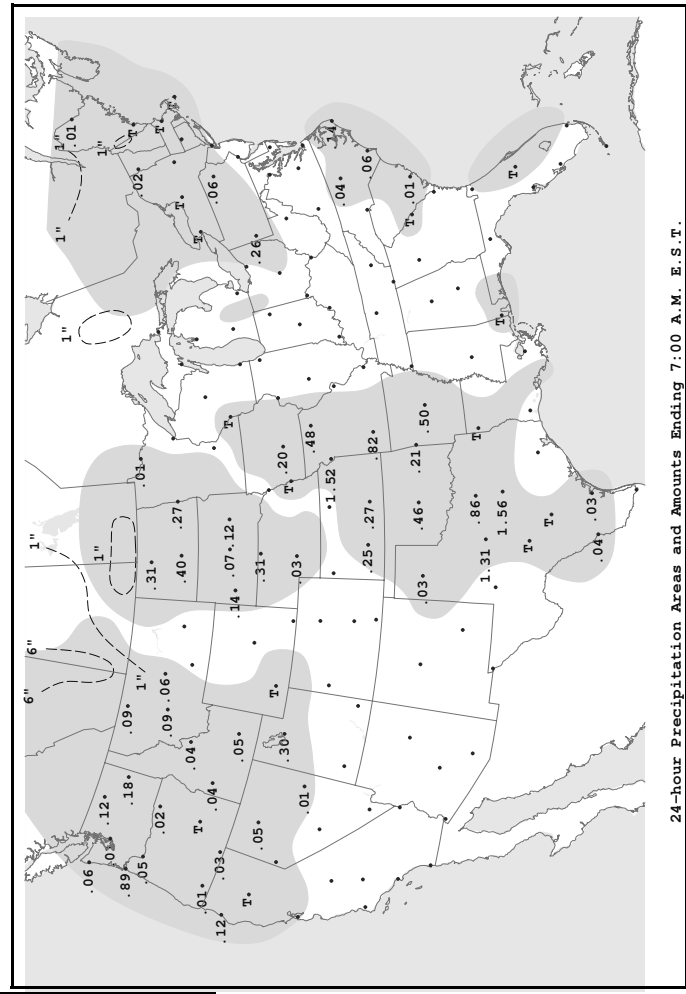
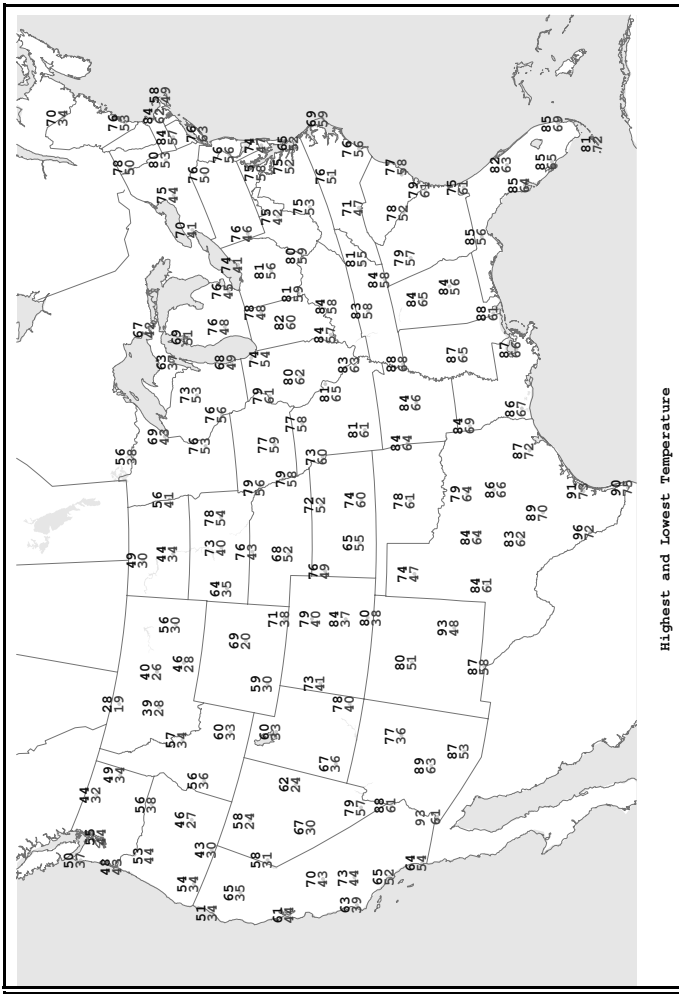
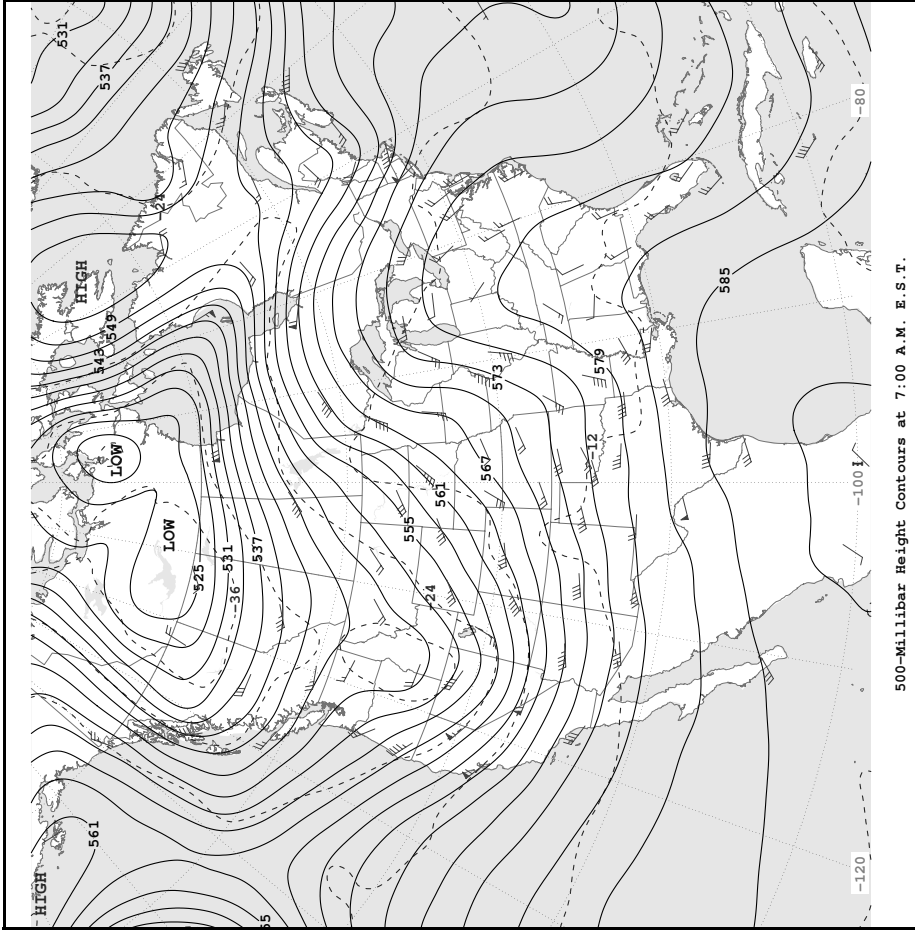
TUESDAY, APRIL 22, 2008



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.



Station Model

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

Current Temperature (in °F): **56** (Long Feather - 10 knots, Short Feather - 5 knots)

Visibility (in miles): **10** (Long Feather - 10 knots, Short Feather - 5 knots)

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

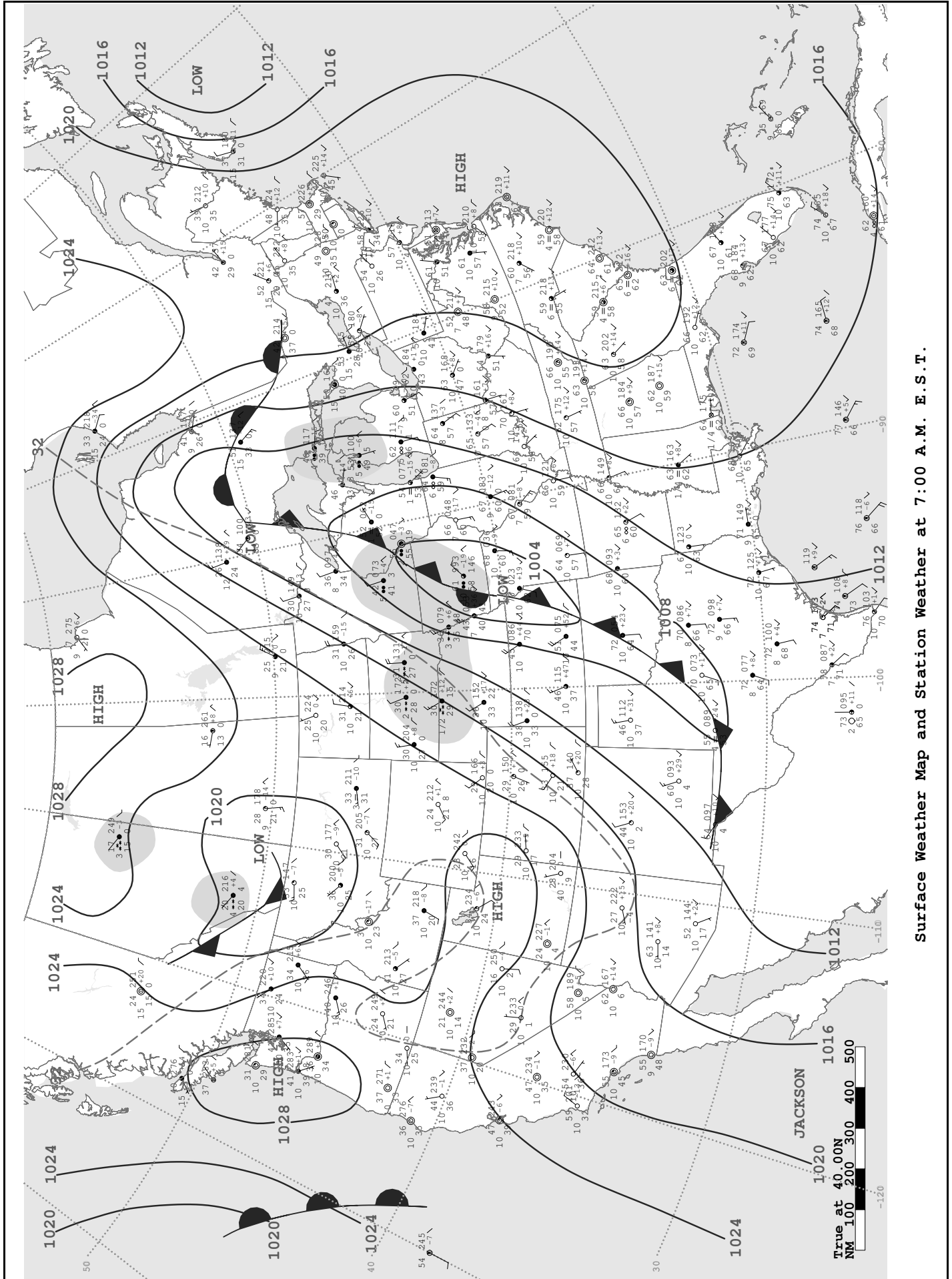
3-Digit Surface Pressure (in tenths): **999** (Ex: 989 = 998.9mb, 012 = 1001.2mb)

Present Weather Symbol: **RR** (3 Hour Pressure Tendency (in tenths))

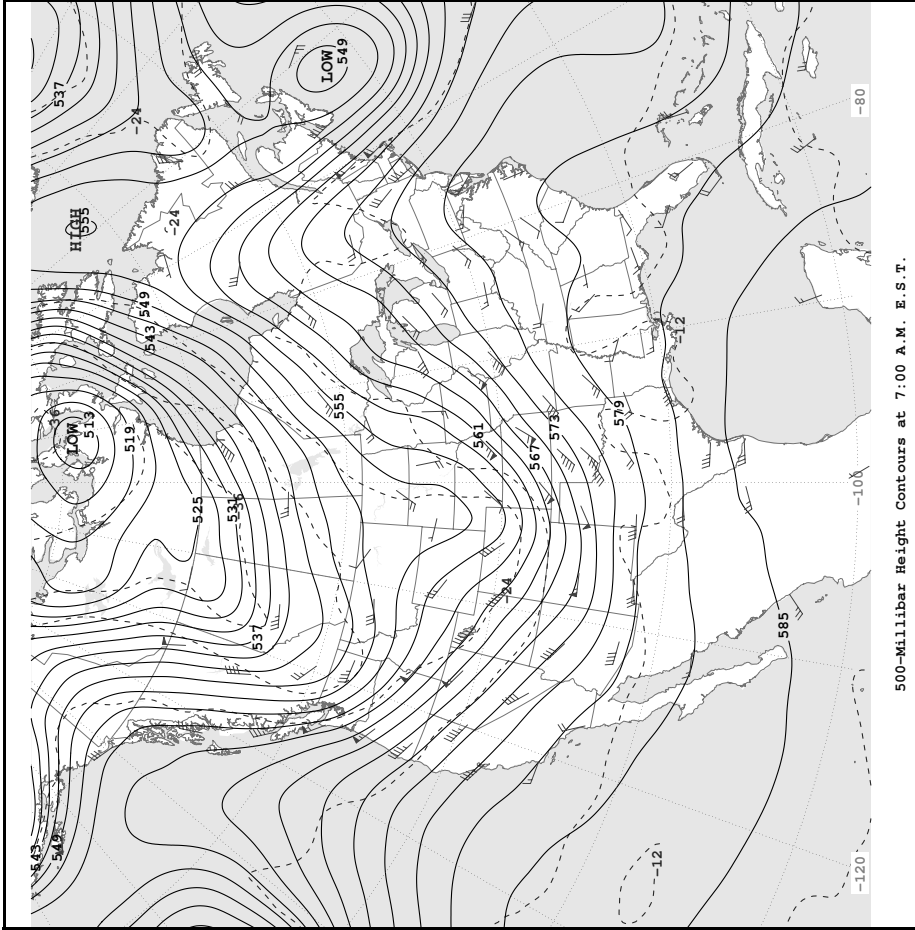
Dew Point Temperature: **56** (3 Hour Pressure Tendency (in tenths))

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

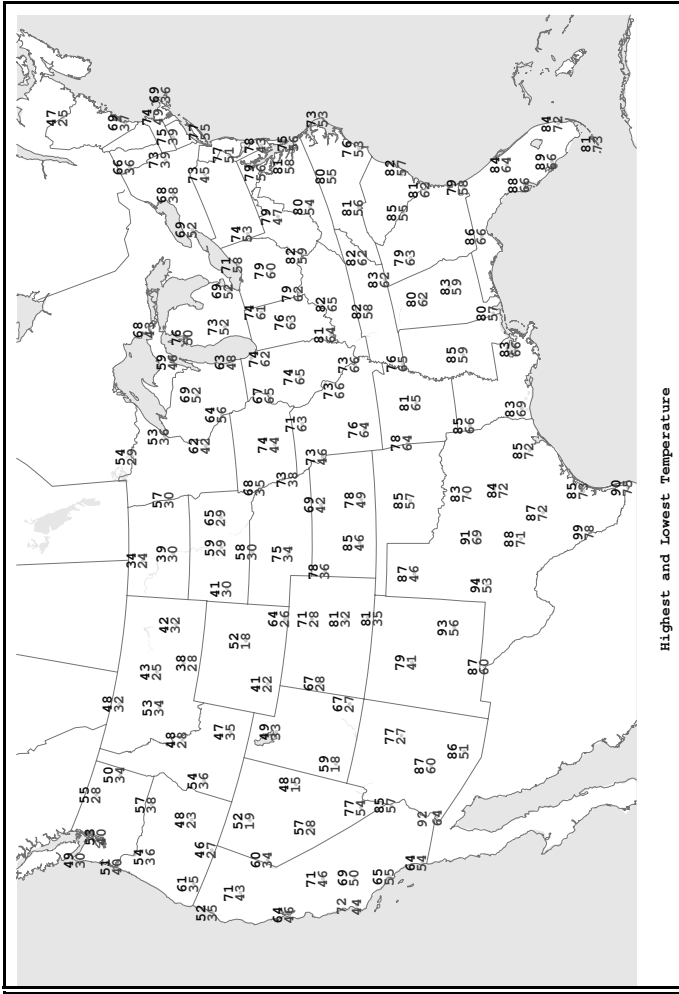
THURSDAY, APRIL 24, 2008



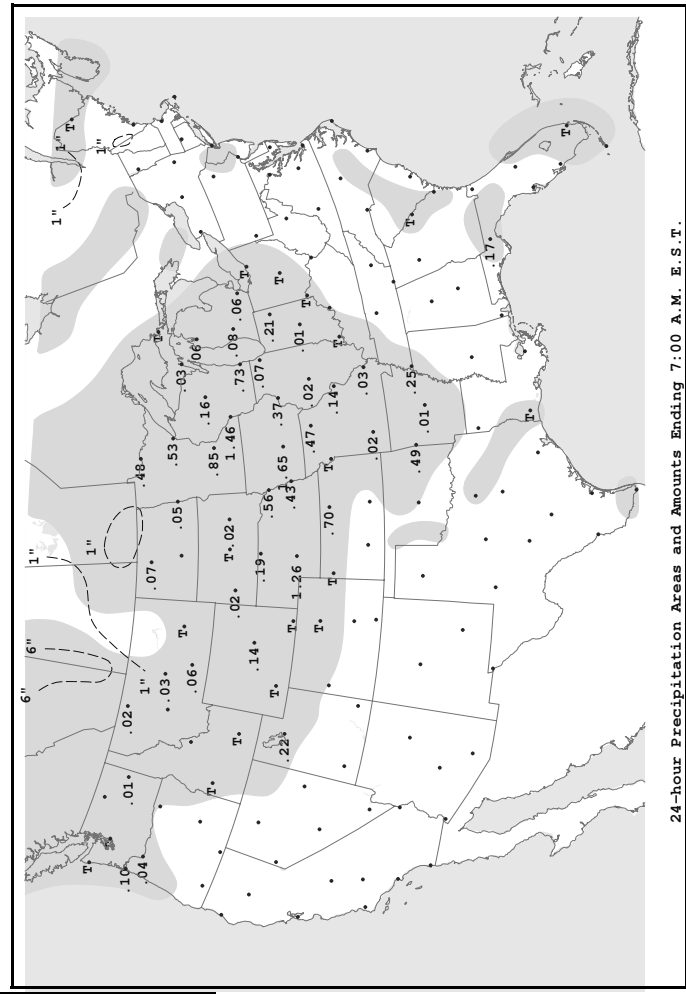
Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.



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



Highest and Lowest Temperature

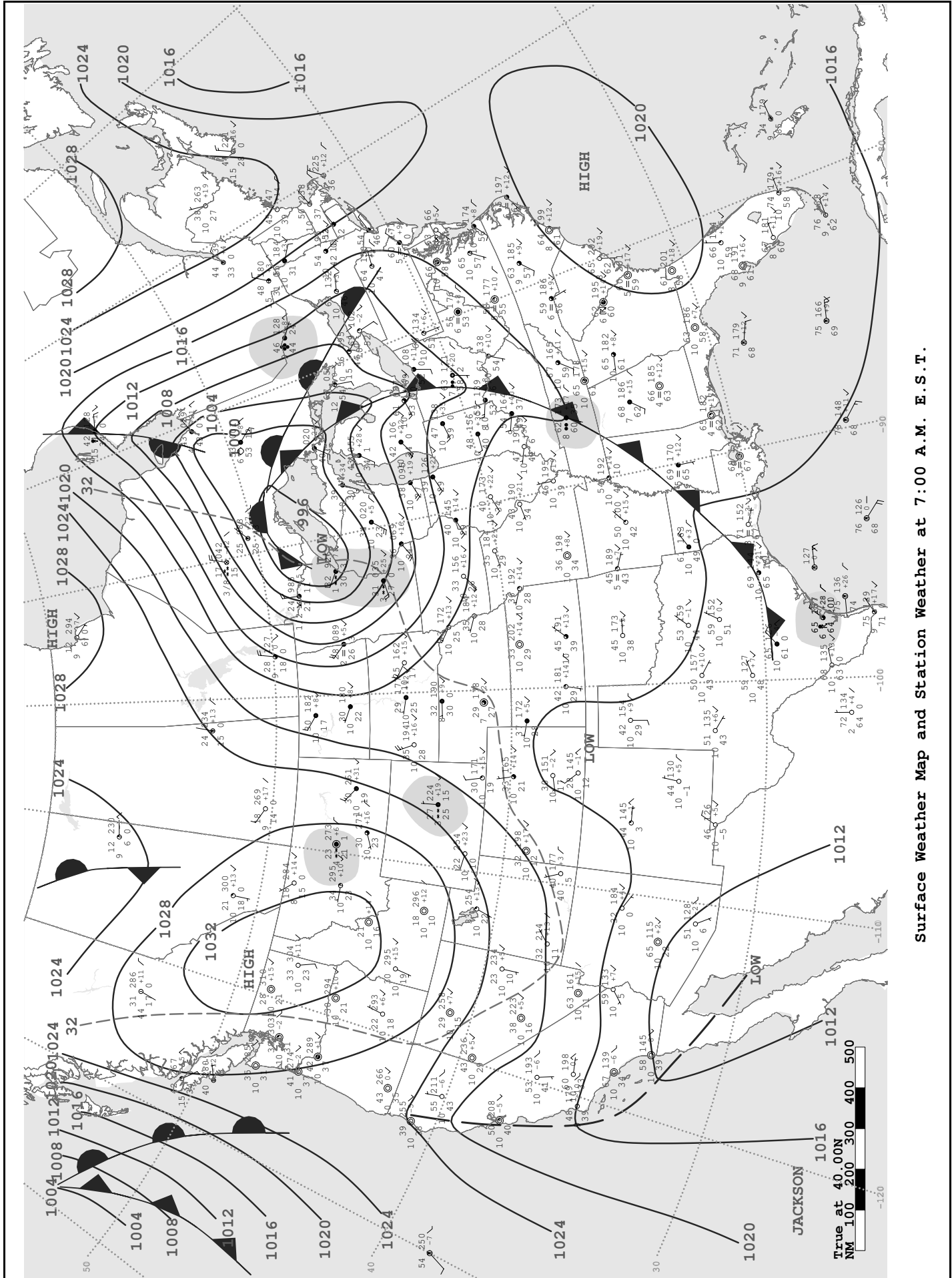


24-hour Precipitation Areas and Amounts Ending 7:00 A.M. E. S. T.

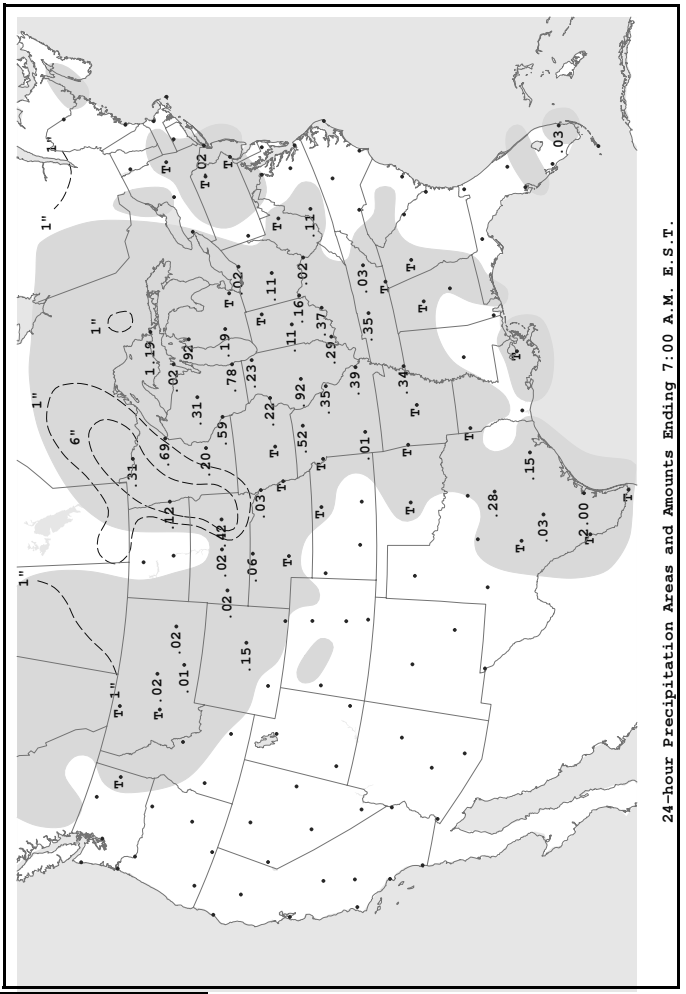
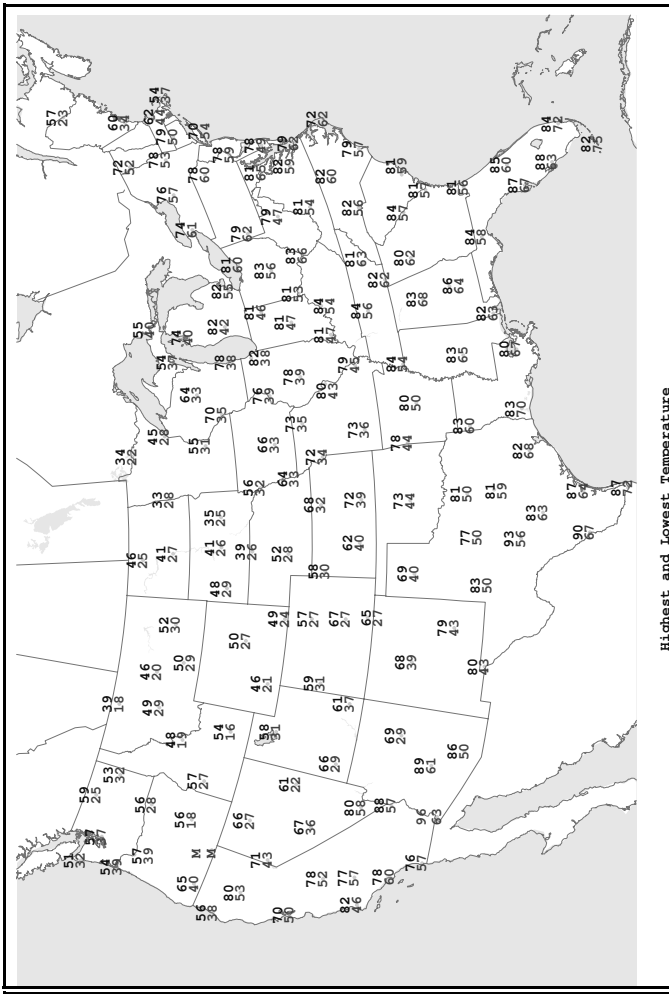
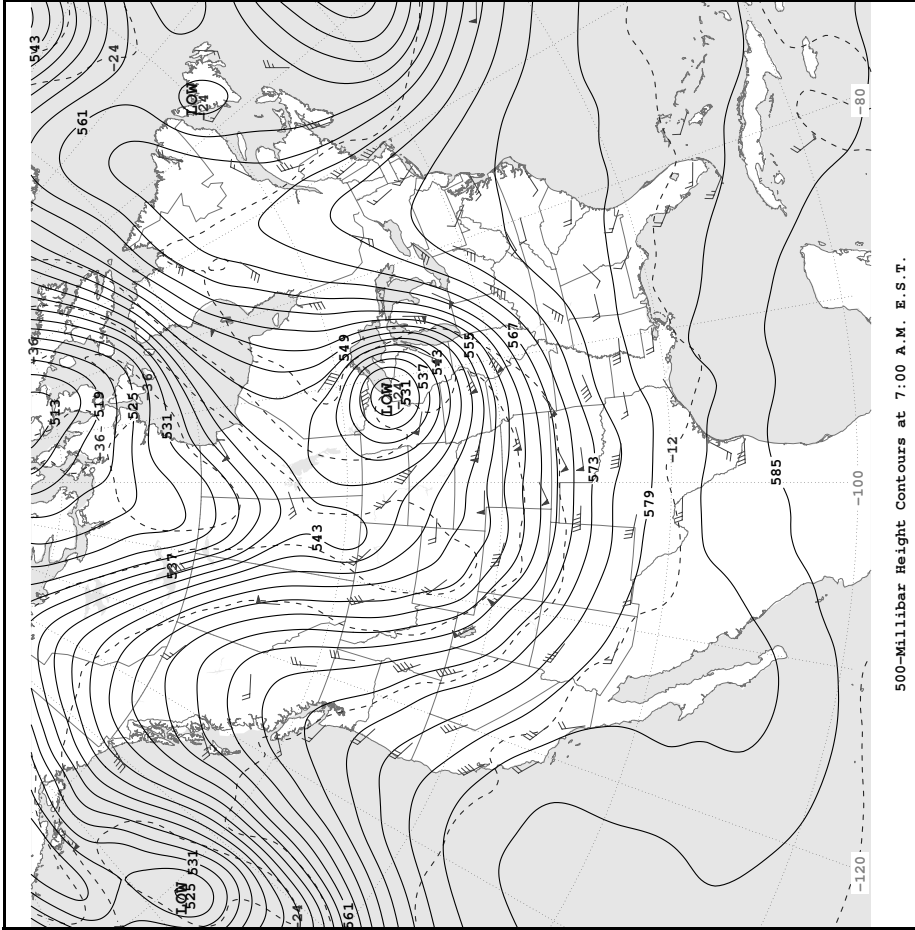
Station Model

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

FRIDAY, APRIL 25, 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**

Visiblity (in miles): **V**

Present Weather Symbol: **PPP** (3-Digit Surface Pressure, in tenths). Ex: 989 = 998.9mb, 012 = 1001.2mb

Dew Point Temperature: **TT**

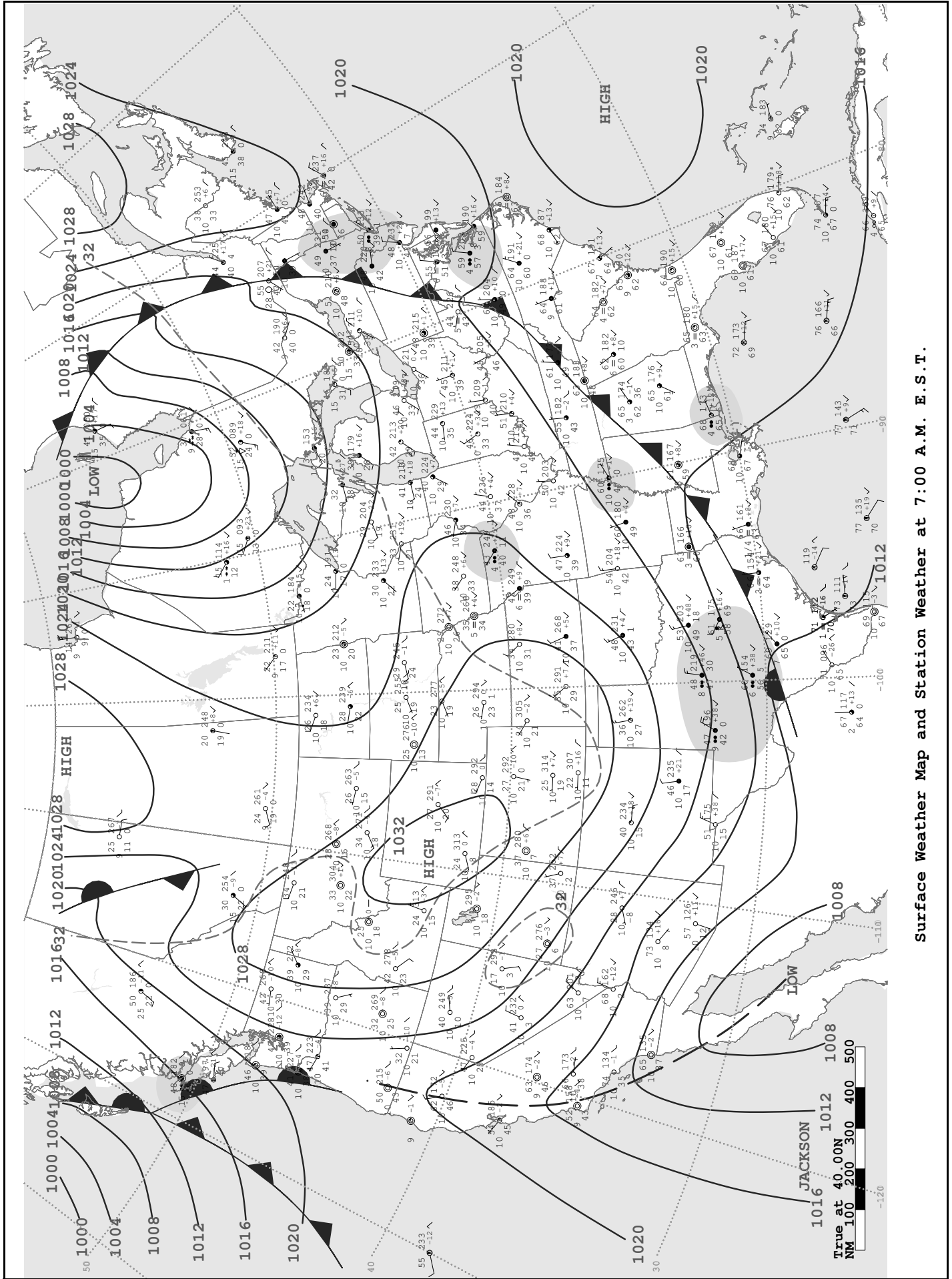
3 Hour Pressure Tendency (in tenths): **PP**

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

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

Sky Cover: **RR**

SATURDAY, APRIL 26, 2008



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

