



Daily Weather Maps

OCTOBER 23, 2006 - OCTOBER 29, 2006

Week 43

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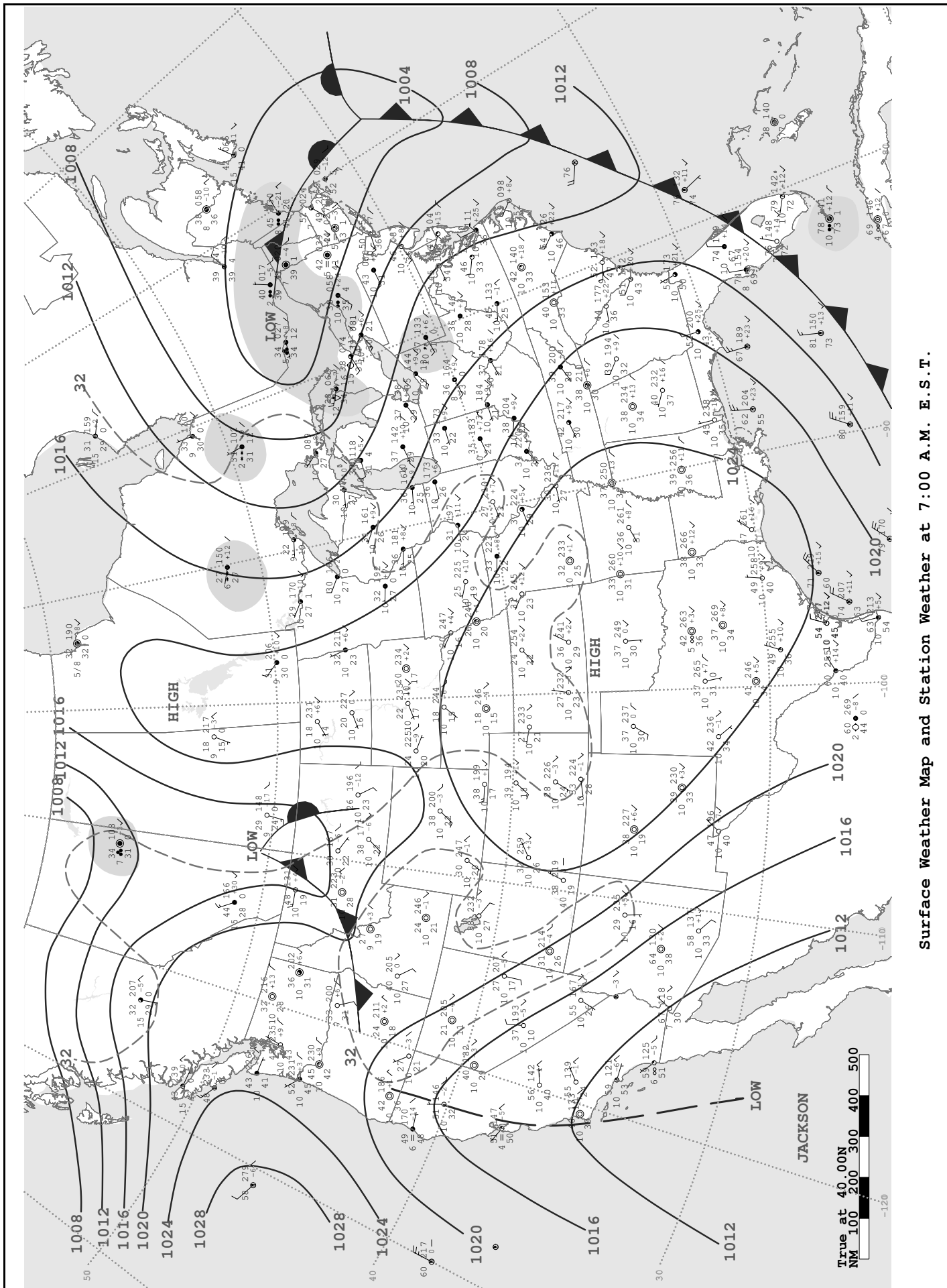
Correspondence to the meteorologists should be directed to: *Daily Weather Map*, NOAA/National Weather Service, Room 410, 5200 Auth Rd, Camp Springs, MD 20746.

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

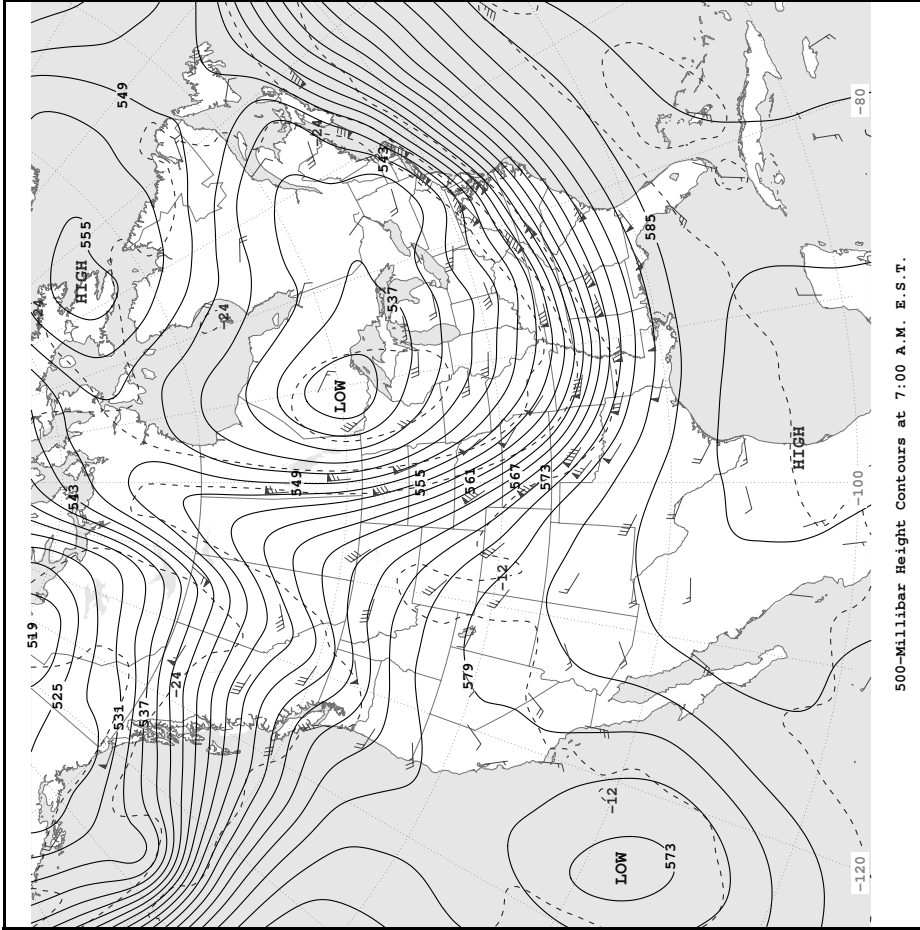
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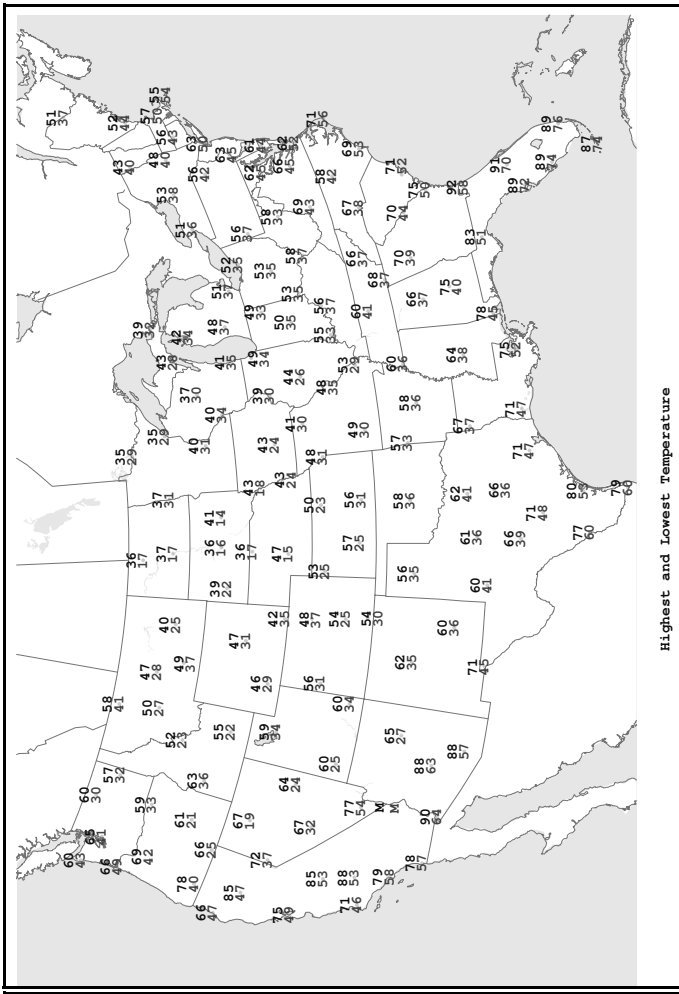
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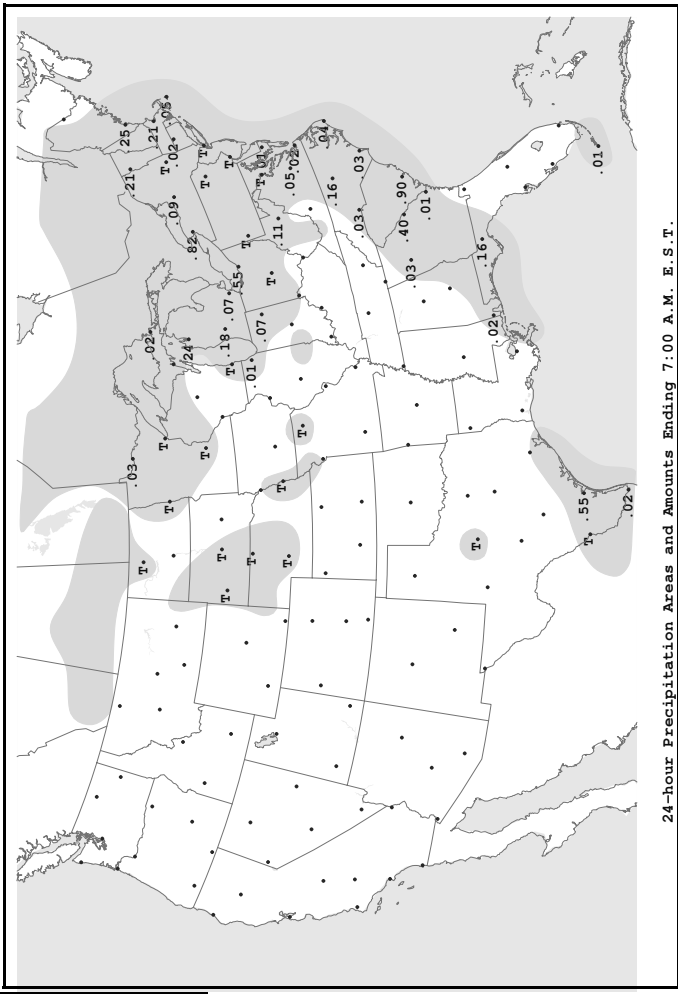
Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.



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

Current Temperature (in °F) — dd — F — ft

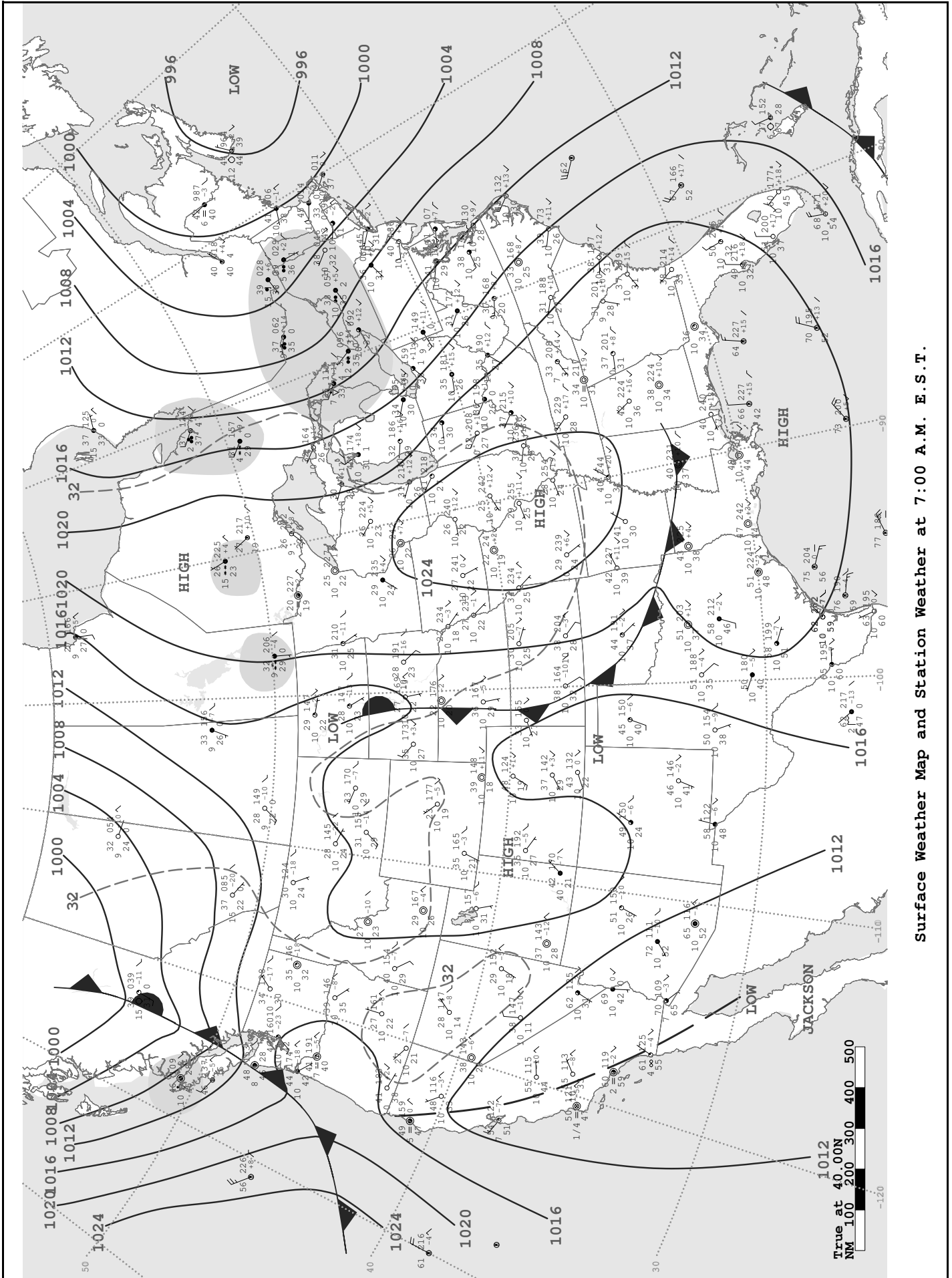
Visibility (in miles) — V — PPP — 3-Digit Surface Pressure (in tenths). Ex: 989 = 998.9mb, 012 = 1001.2mb

Present Weather Symbol — TT — PP a — 3 Hour Pressure Tendency (in tenths)

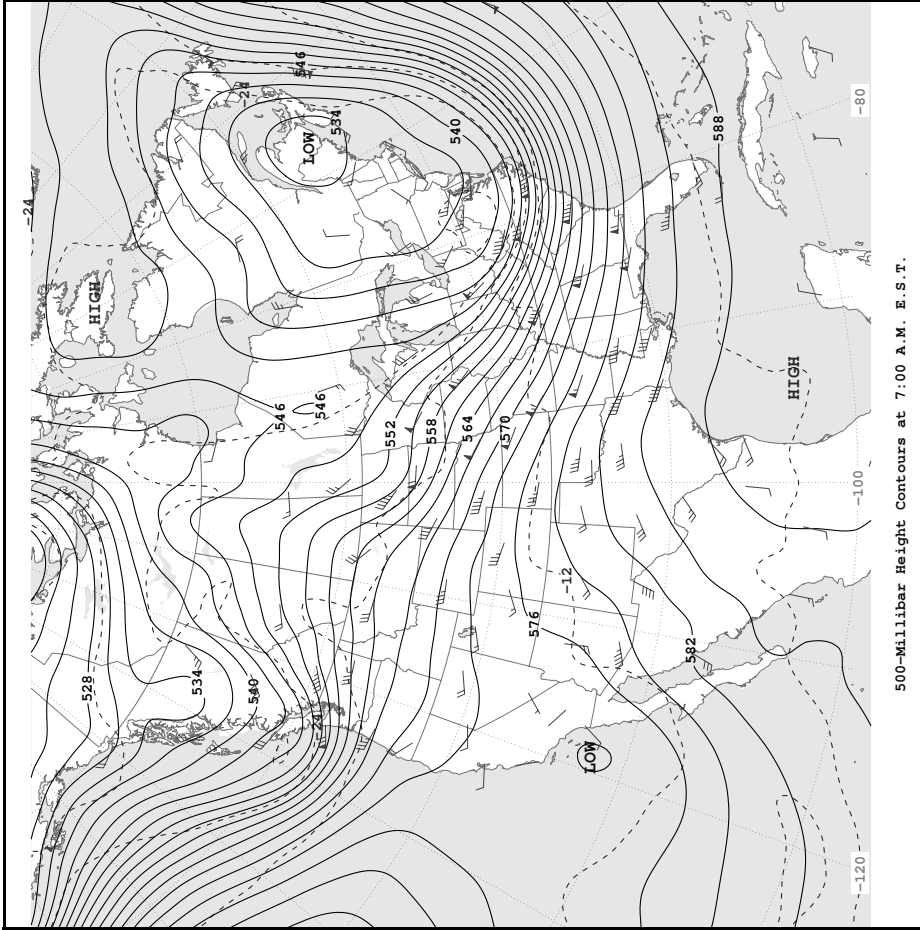
Dew Point Temperature — TD — RR — 6 Hour Total Precipitation (in hundredths of an inch)

— Sky Cover

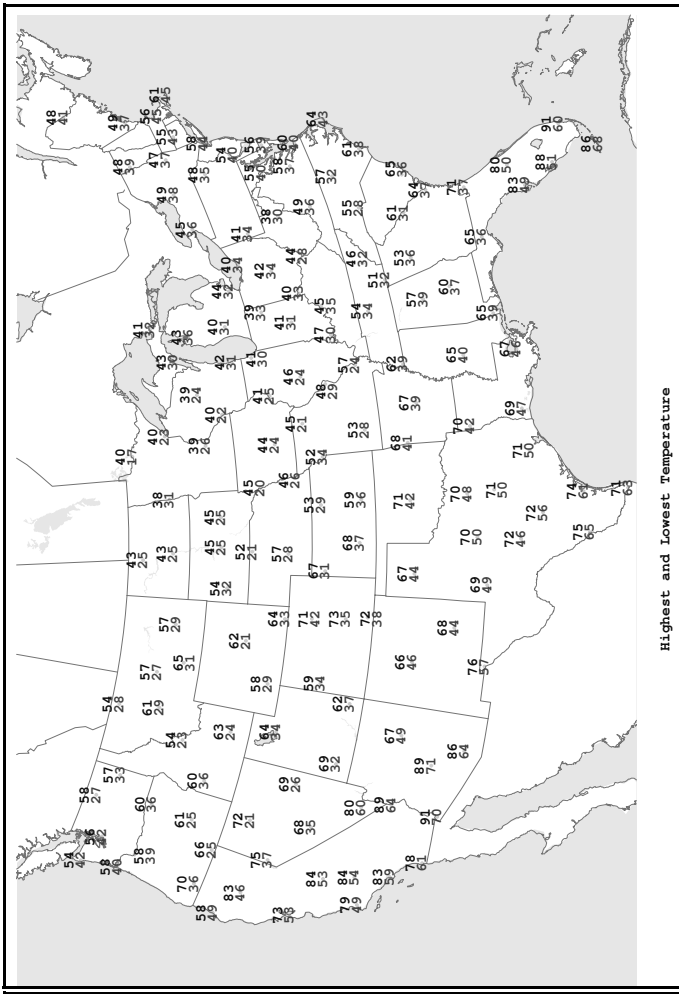
MONDAY, OCTOBER 23, 2006



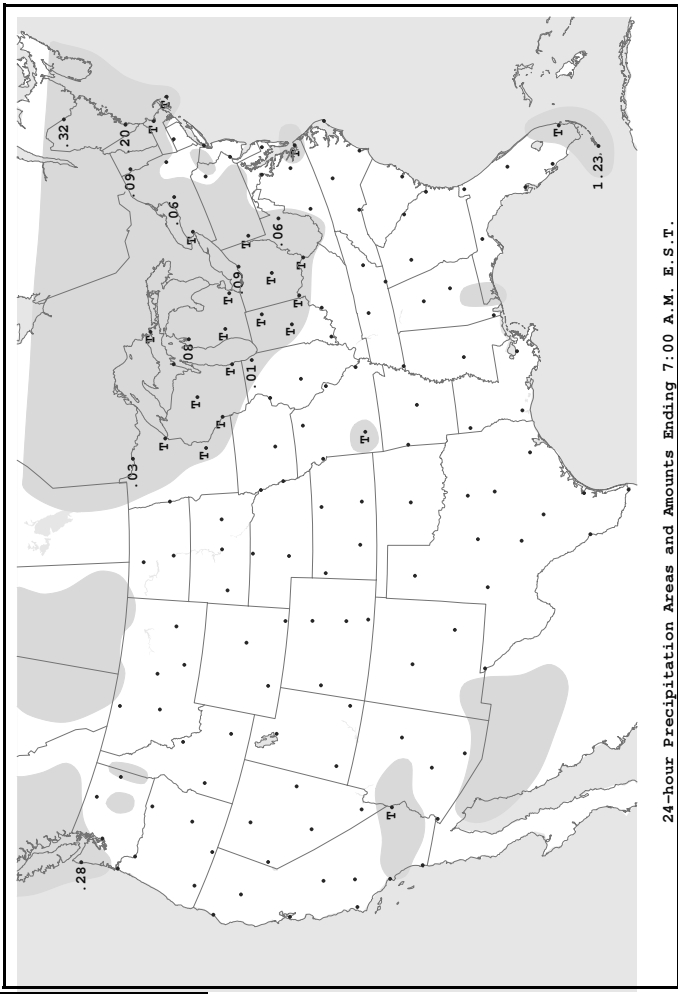
Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.



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



Highest and Lowest Temperature



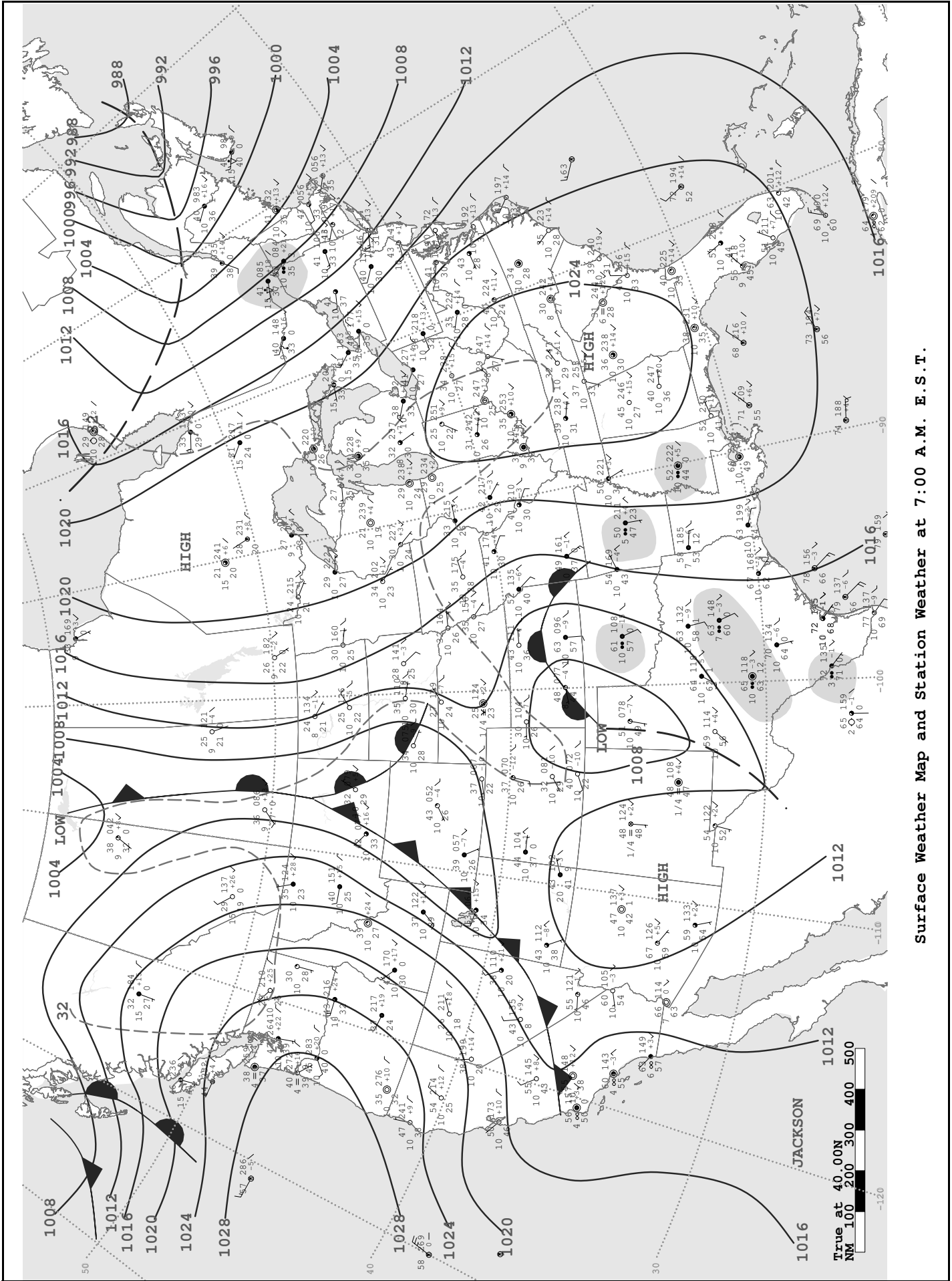
24-hour Precipitation Areas and Amounts Ending 7:00 A.M. E. S. T.

Station Model

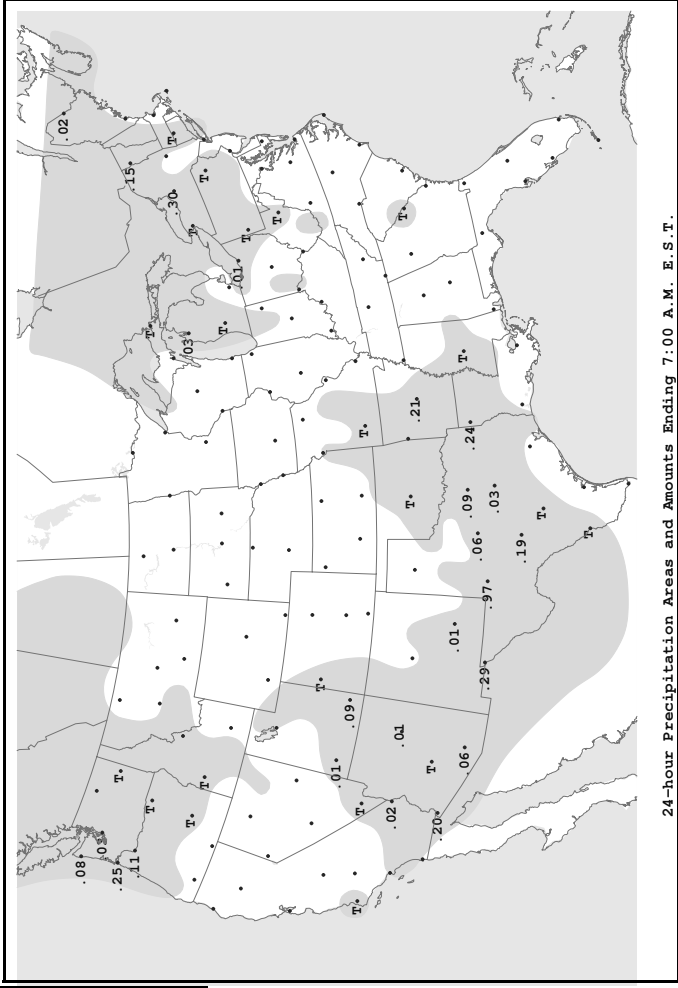
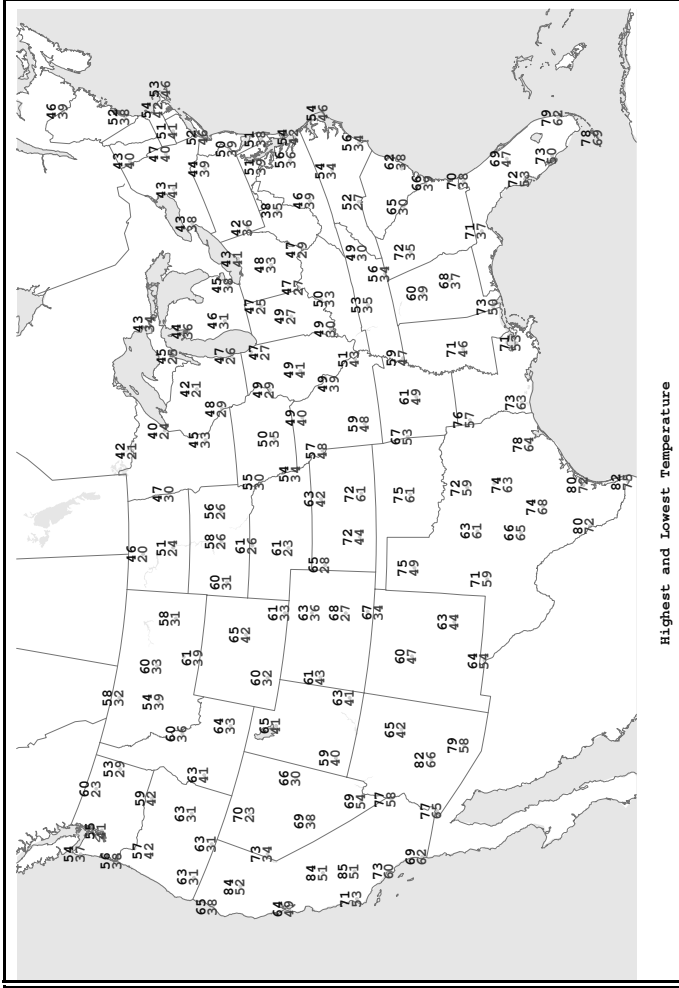
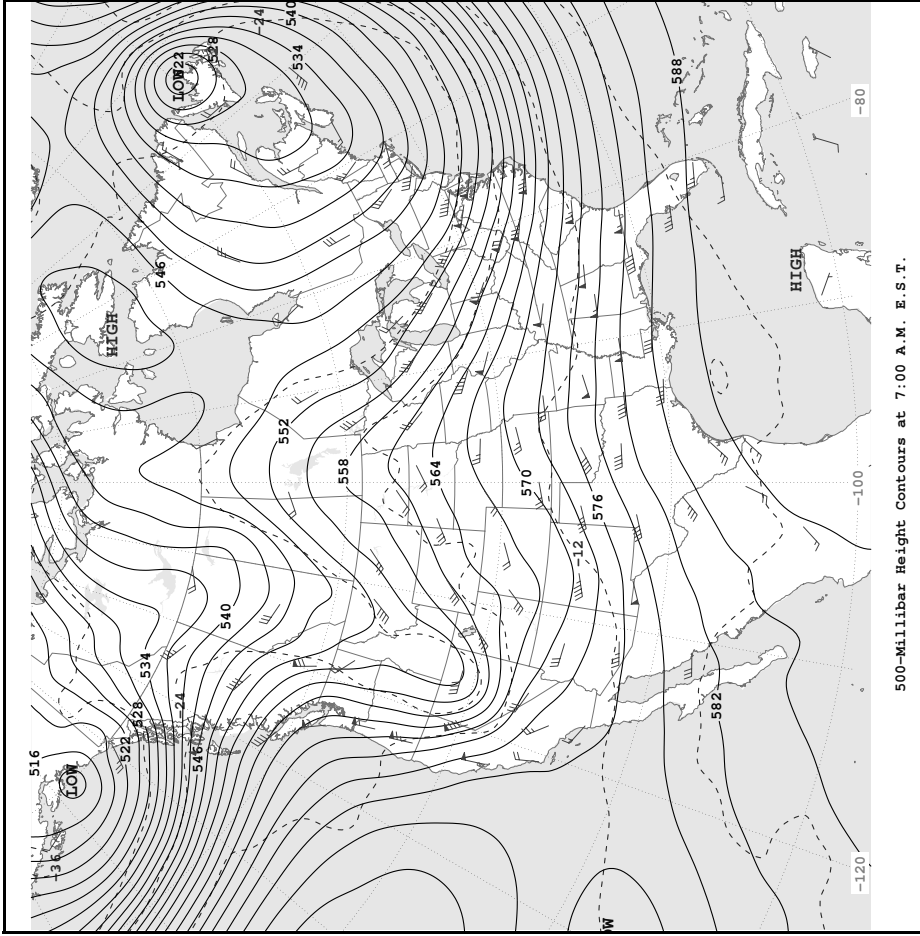
Wind Direction — Wind Speed
 Long Feather - 10 knots
 Short Feather - 5 knots

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

TUESDAY, OCTOBER 24, 2006



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

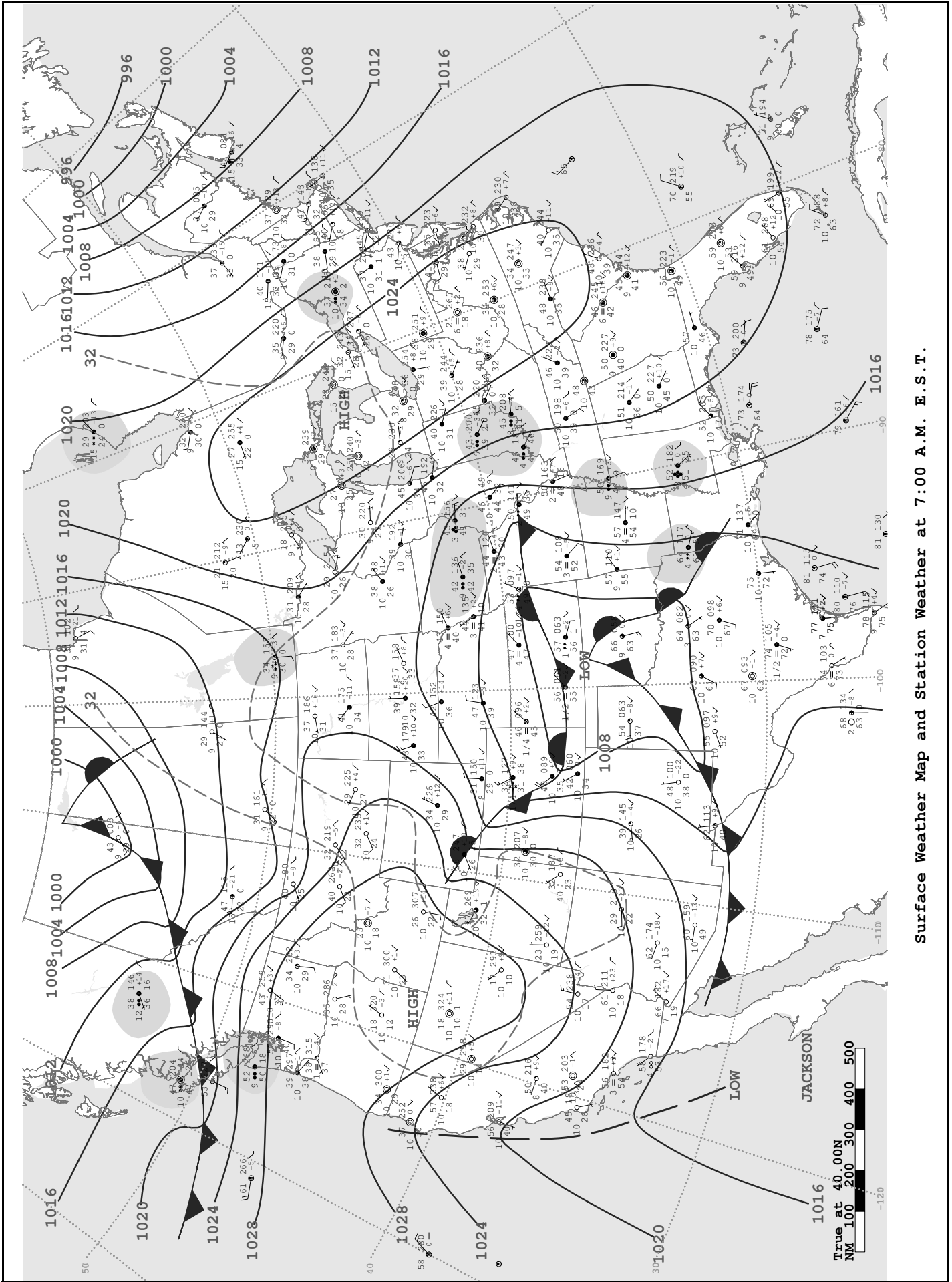
Visibility (in miles) — V — P P P
 3 Hour Pressure Tendency (in tenths) — P P a

Present Weather Symbol — TD — RR
 6 Hour Total Precipitation (in hundredths of an inch) — RR

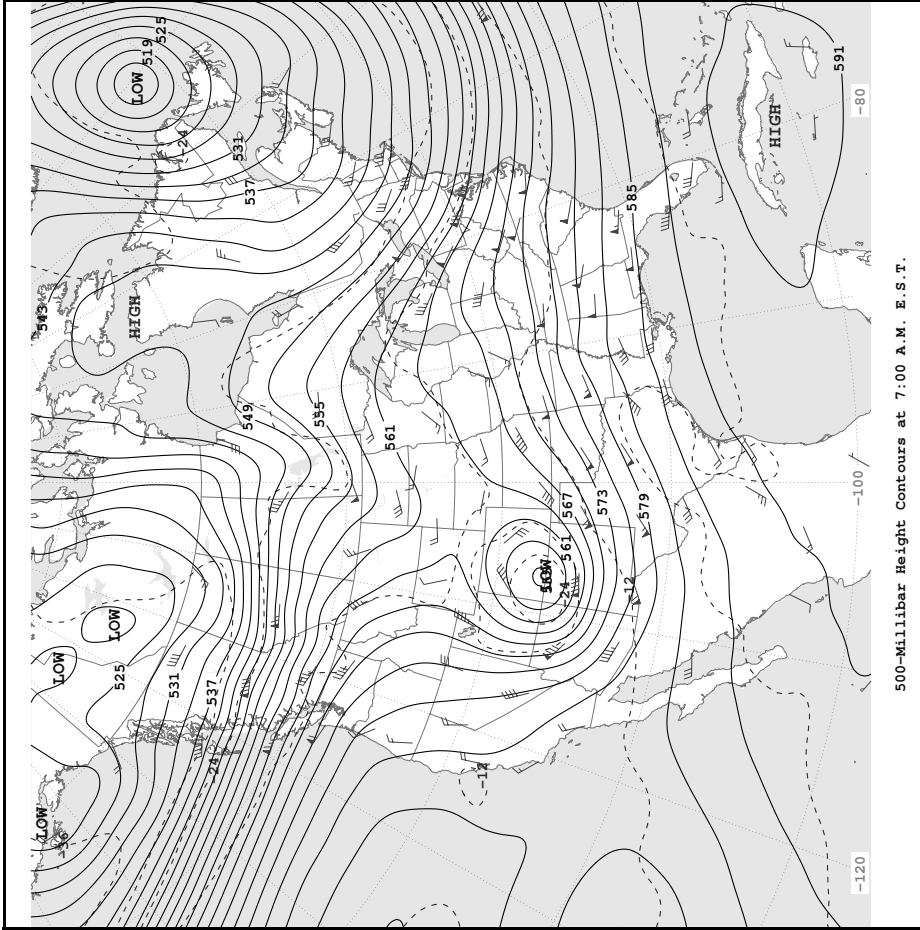
Dew Point Temperature — Sky Cover

Station Model

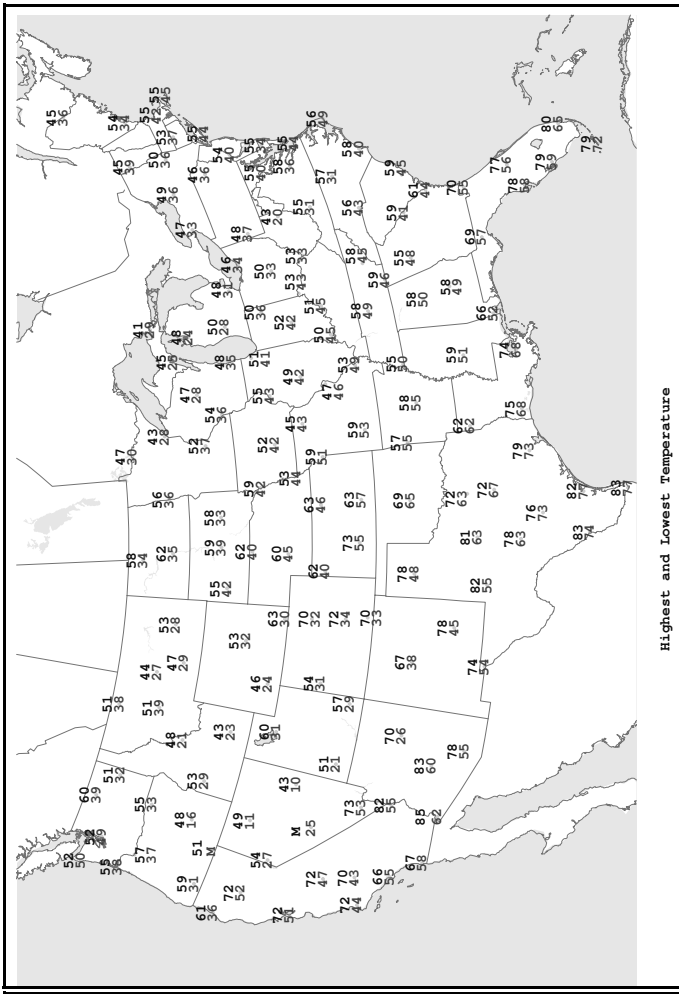
WEDNESDAY, OCTOBER 25, 2006



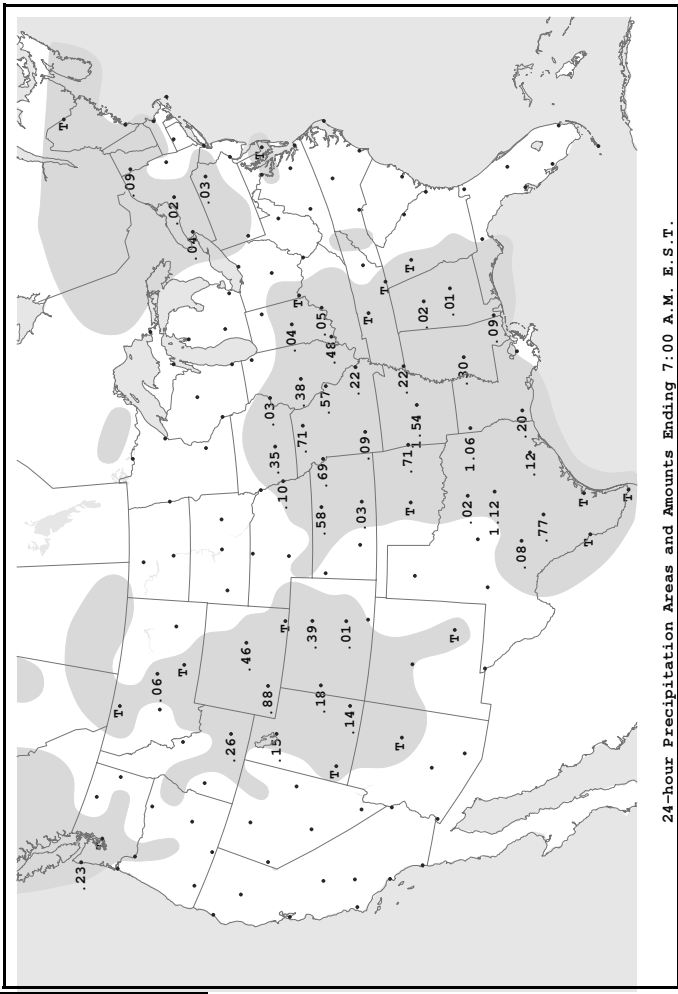
Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.



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.

Station Model

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

Current Temperature (in °F) ——— dd ——— F ——— ft

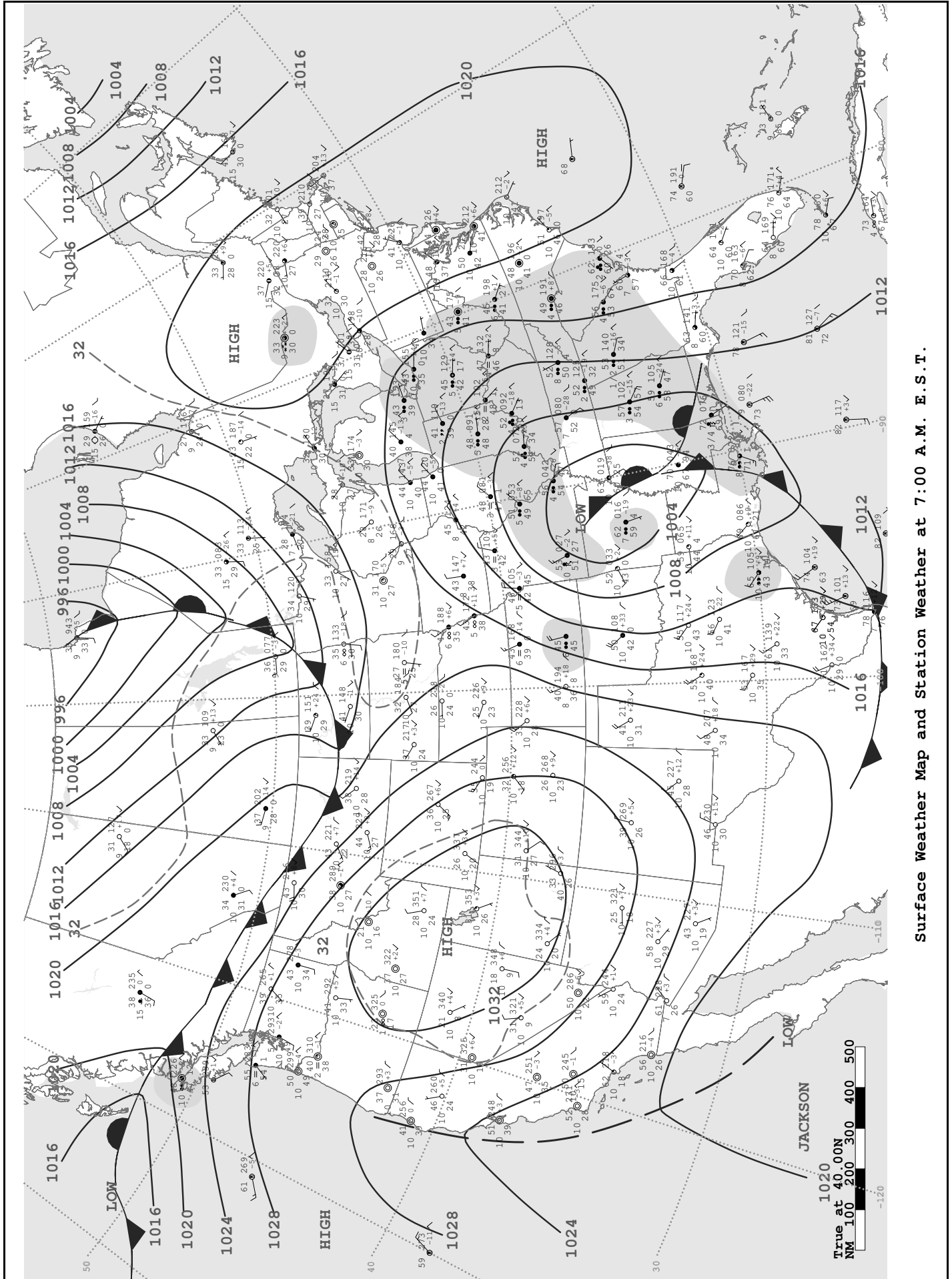
Visibility (in miles) ——— TT ——— PPP ——— 3-Digit Surface Pressure (in tenths). Ex: 989 = 998.9mb, 012 = 1001.2mb

Present Weather Symbol ——— V ——— WW ——— PP a ——— 3 Hour Pressure Tendency (in tenths)

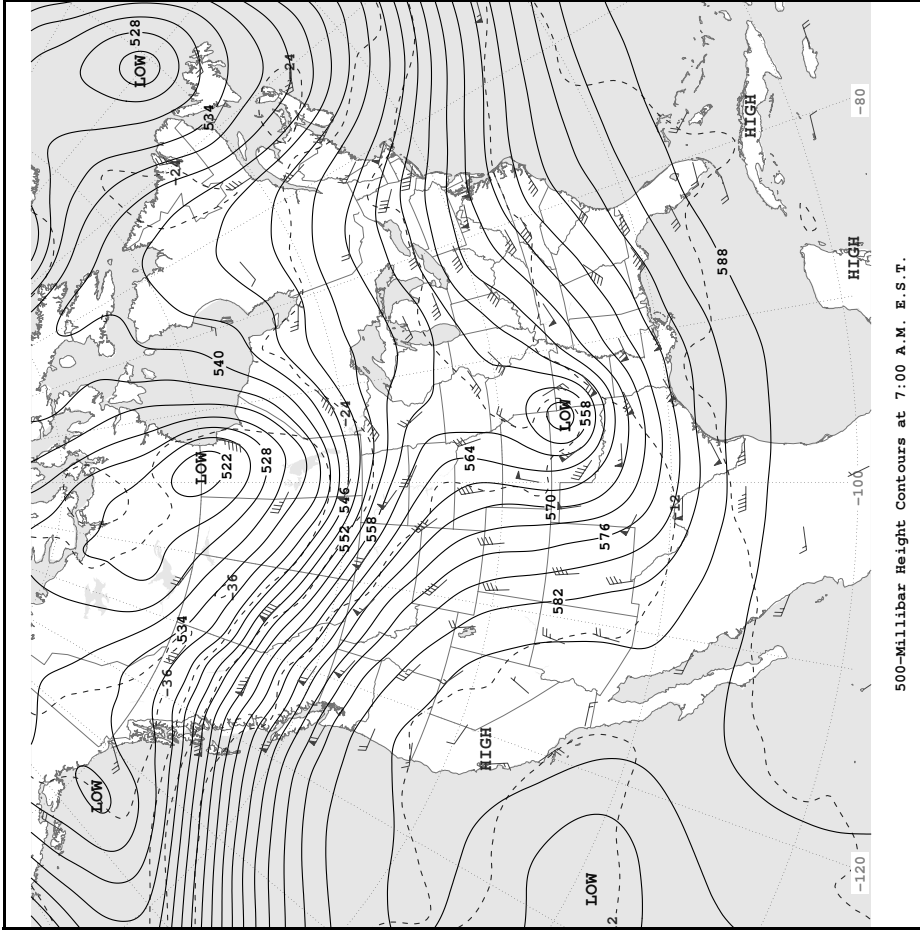
Dew Point Temperature ——— TD ——— RR ——— 6 Hour Total Precipitation (in hundredths of an inch)

————— Sky Cover

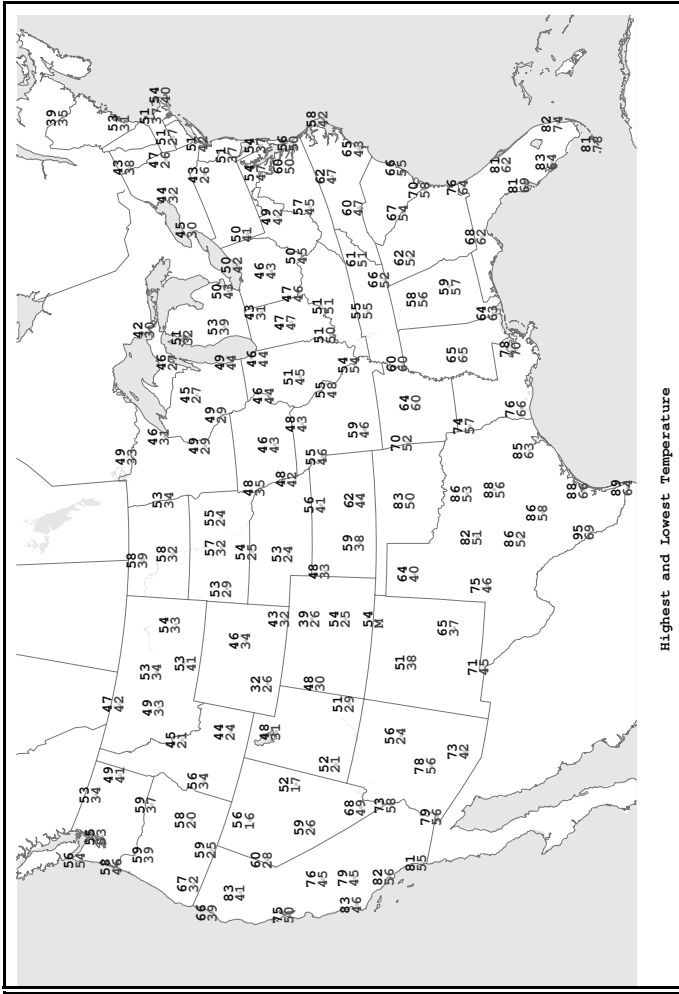
THURSDAY, OCTOBER 26, 2006



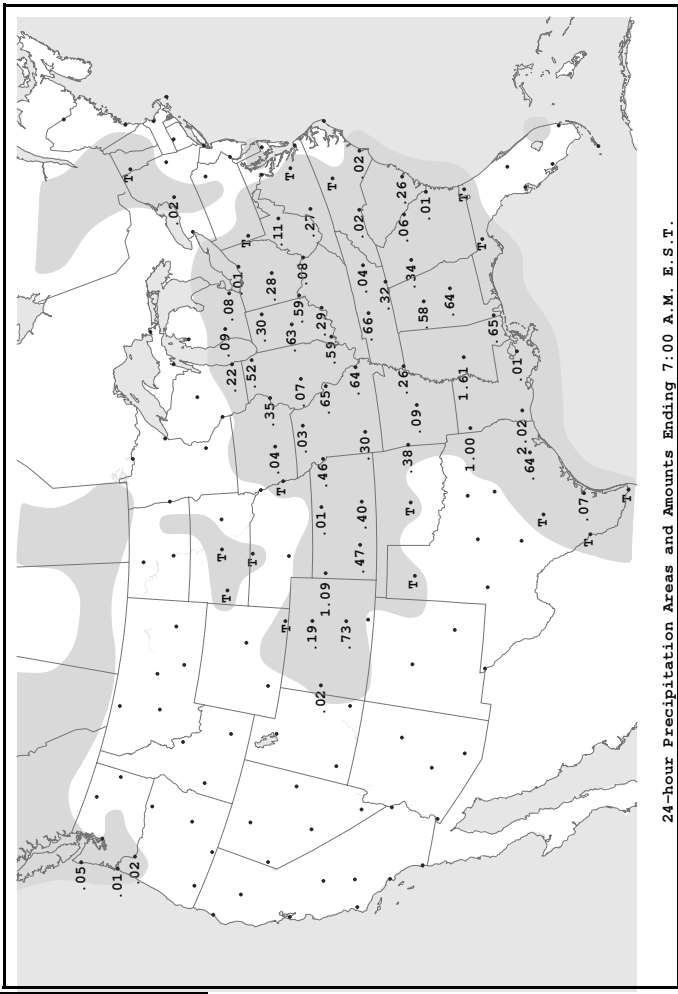
Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.



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.

Station Model

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

Current Temperature (in °F): ft

Visibility (in miles): PPP

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

Present Weather Symbol: PP a

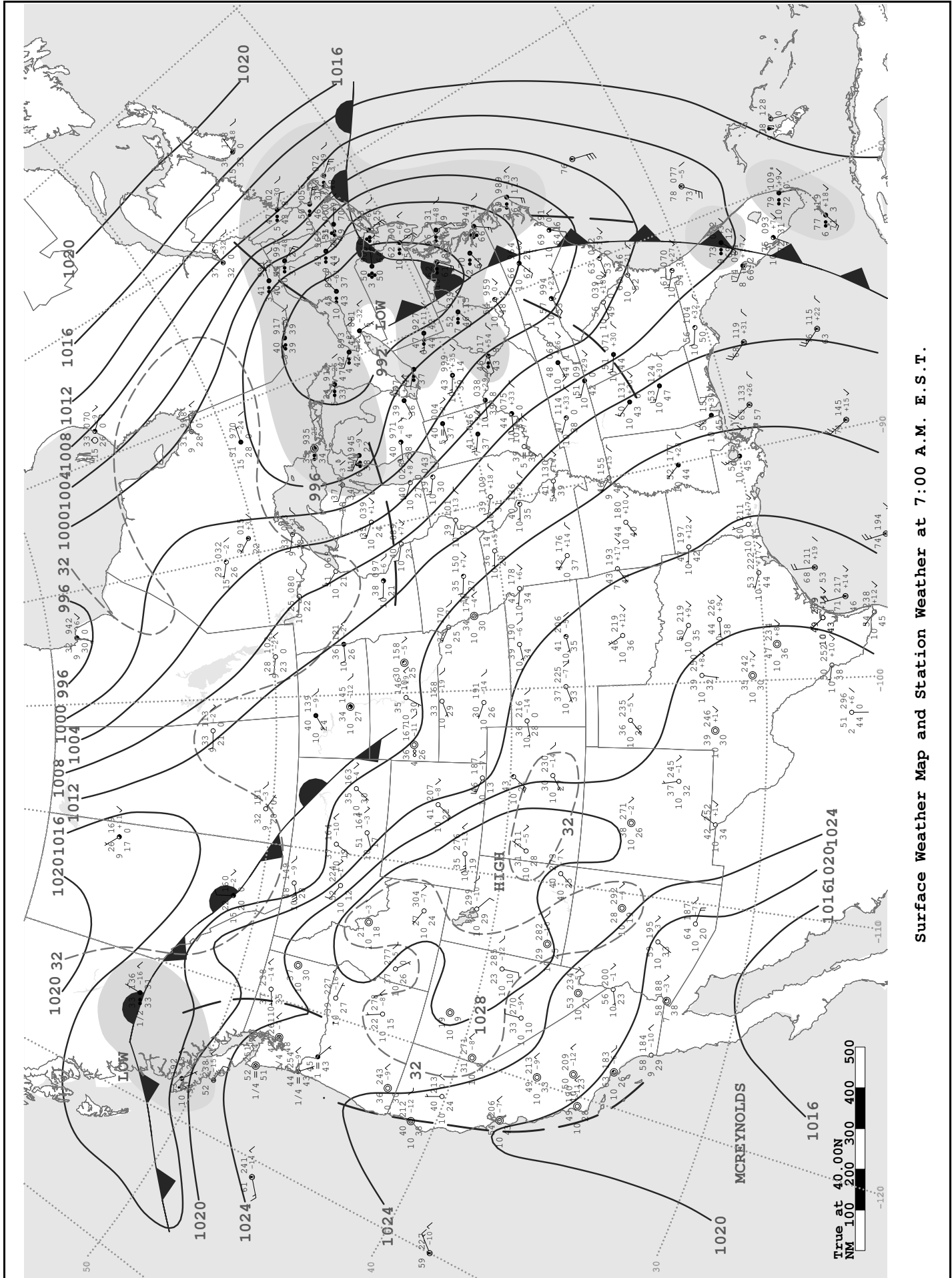
Dew Point Temperature: WW

3 Hour Pressure Tendency (in tenths): RR

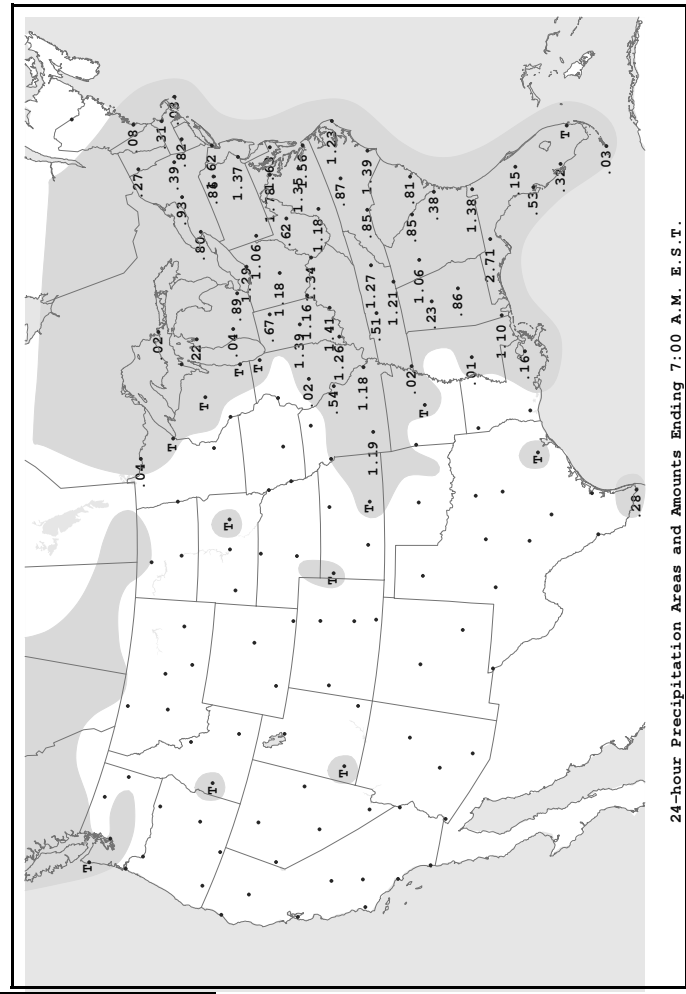
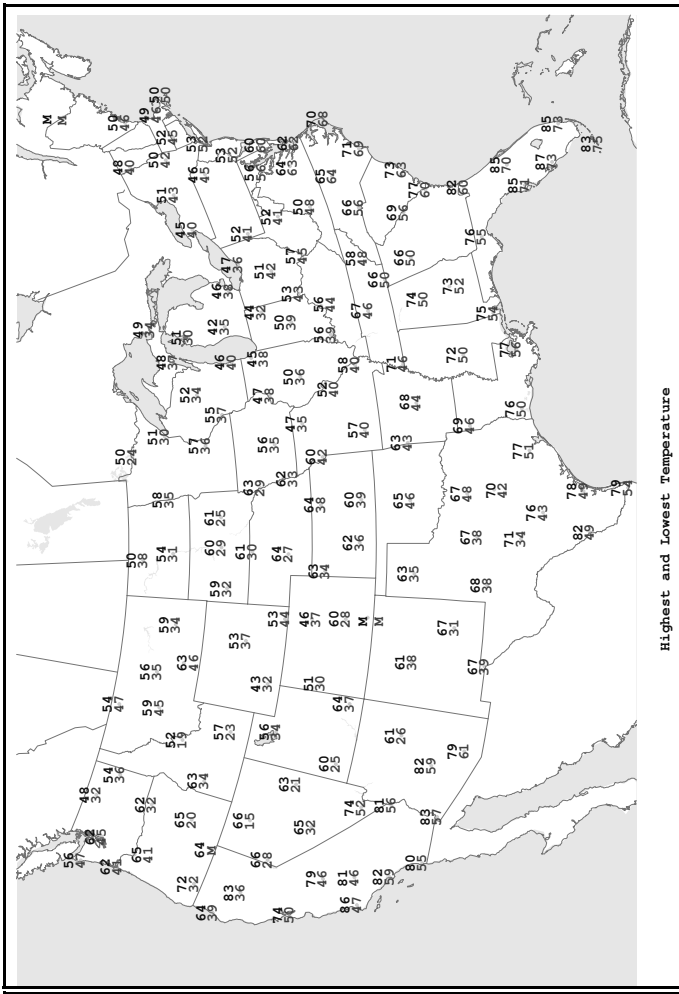
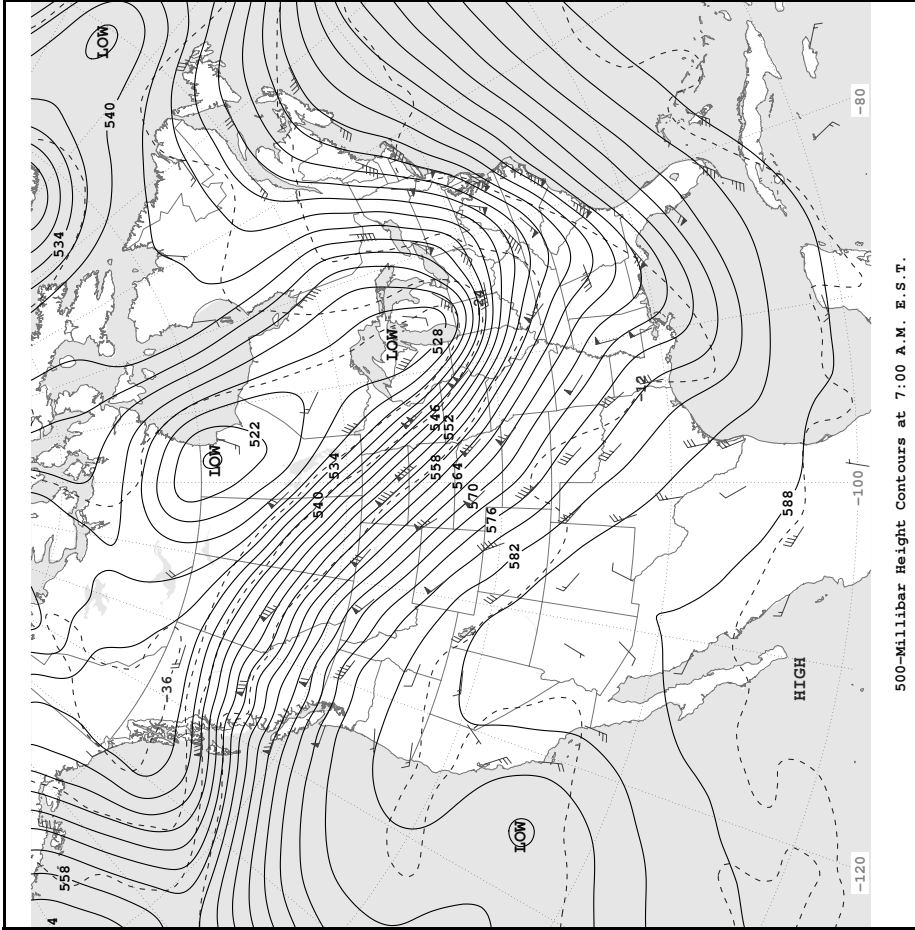
6 Hour Total Precipitation (in hundredths of an inch): RR

Sky Cover: Sky_Cover

FRIDAY, OCTOBER 27, 2006



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



Station Model

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

Current Temperature (in °F): **55** (ft)

Visibility (in miles): **10** (PPP)

3-Digit Surface Pressure (in tenths): **998** (Ex: 989 = 998.9mb, 012 = 1001.2mb)

Present Weather Symbol: **●** (PP a)

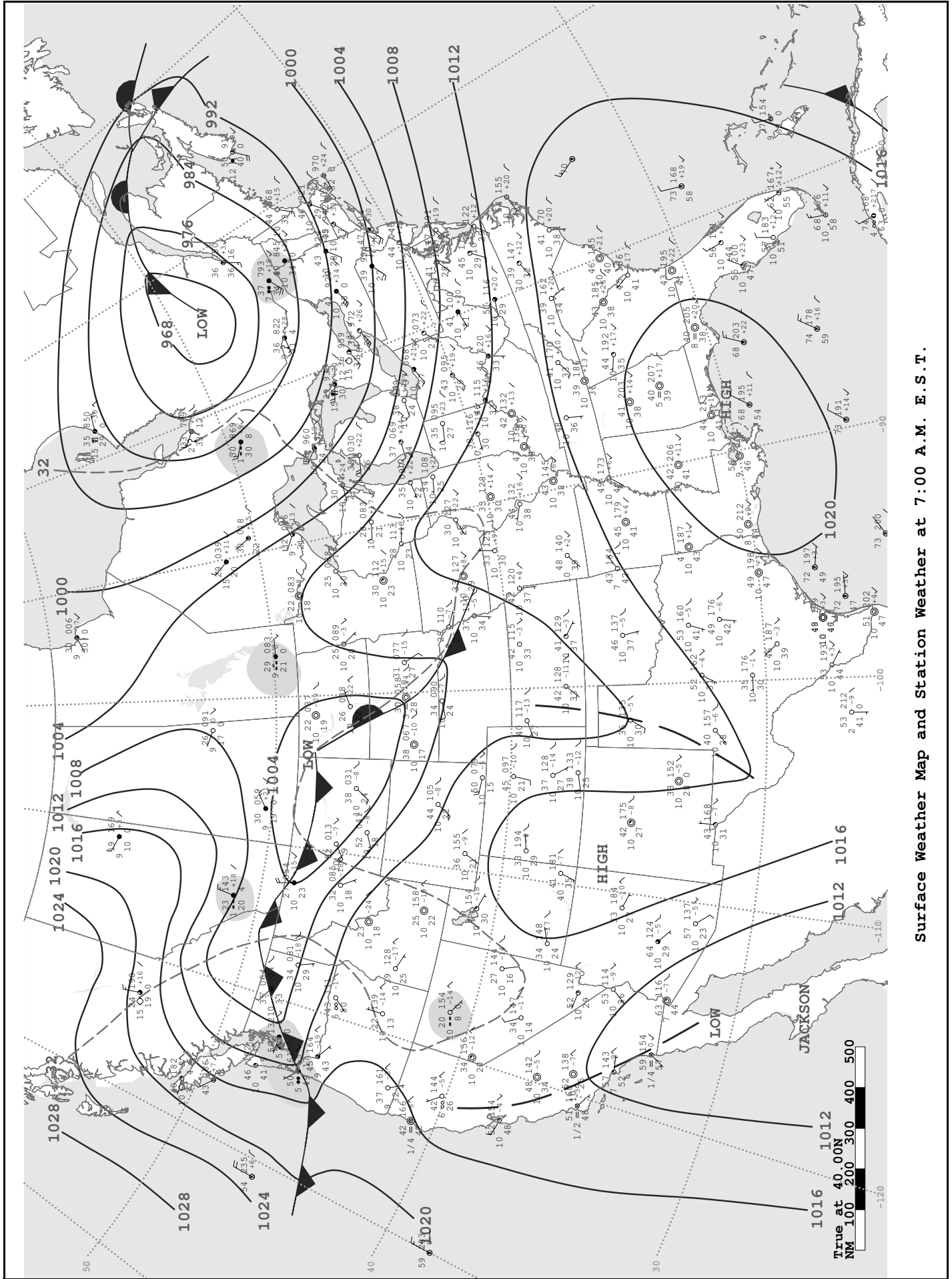
Dew Point Temperature: **52** (TT)

3 Hour Pressure Tendency (in tenths): **01** (RR)

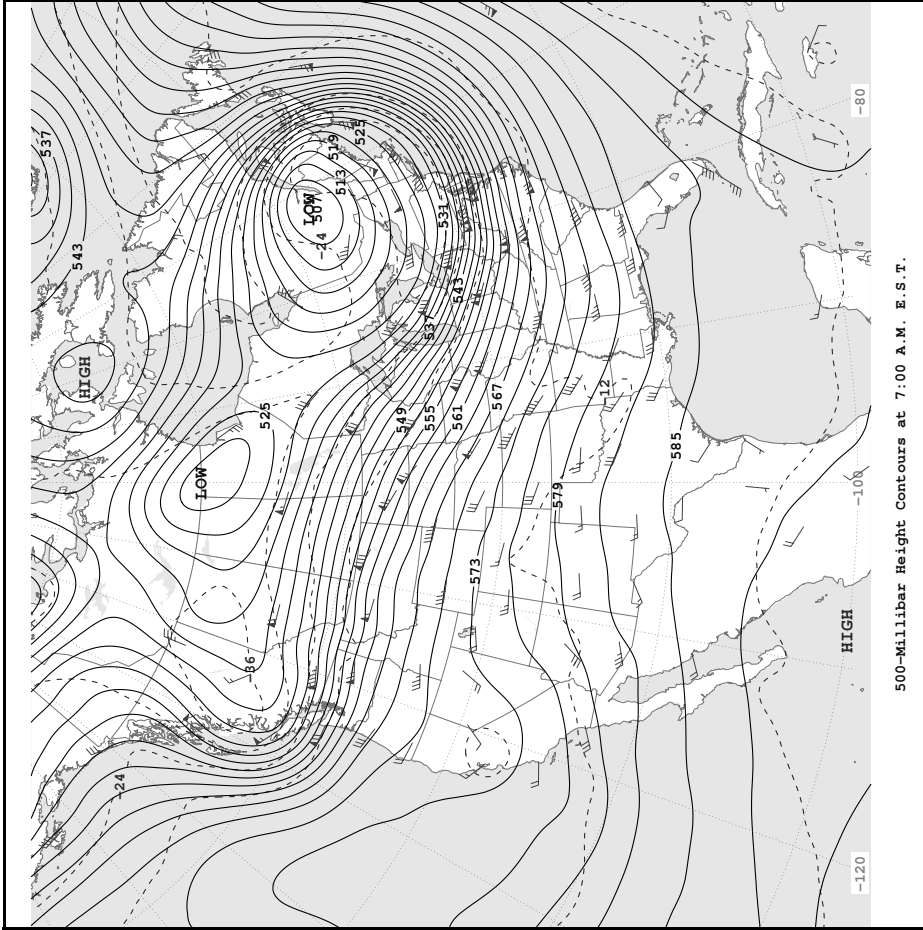
6 Hour Total Precipitation (in hundredths of an inch): **03** (RR)

Sky Cover: **03** (Sky Cover)

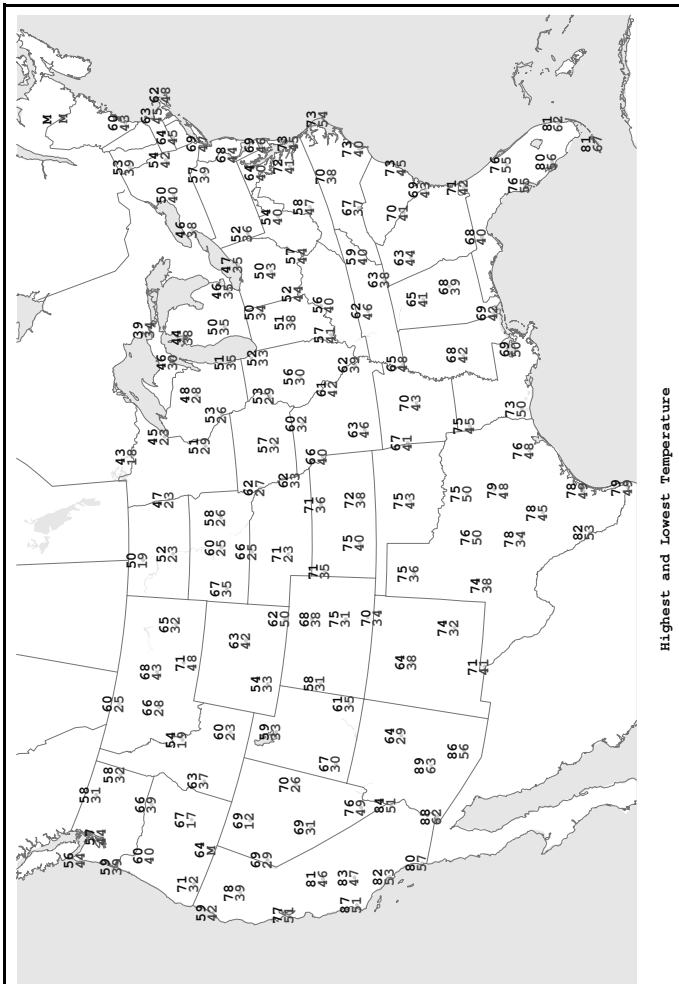
SATURDAY, OCTOBER 28, 2006



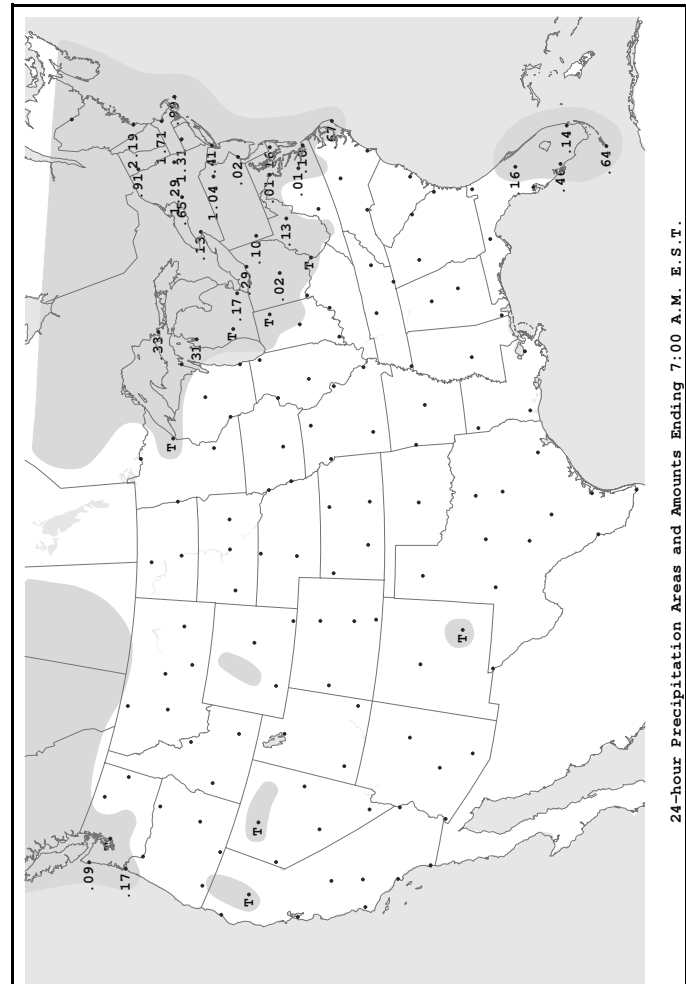
Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.



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



Highest and Lowest Temperature



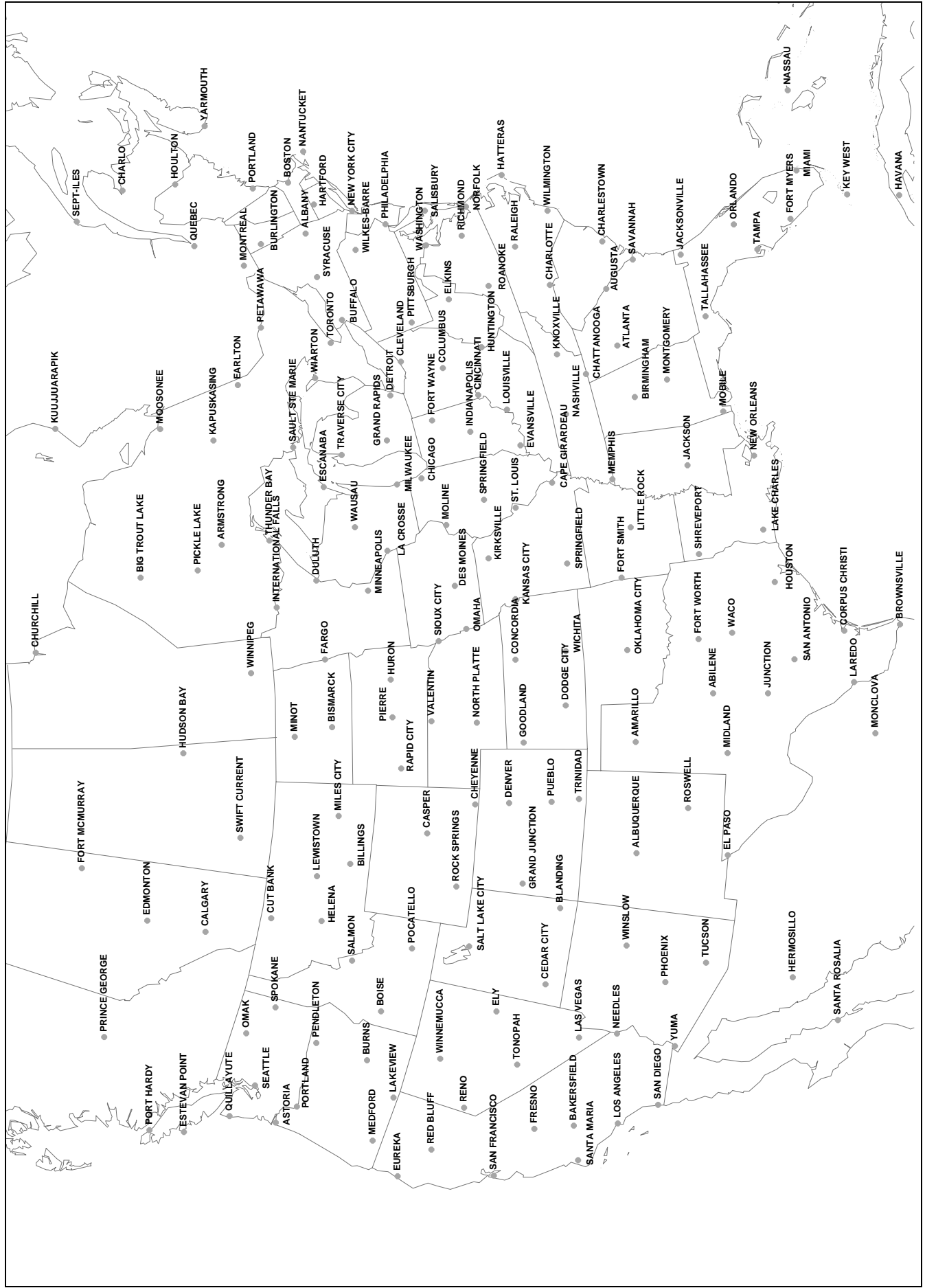
24-hour Precipitation Areas and Amounts Ending 7:00 A.M. E. S. T.

Station Model

The station model diagram consists of several elements:

- Wind Direction:** A long feather pointing in the direction of the wind.
- Wind Speed:** A short feather representing 5 knots, and a long feather representing 10 knots.
- Current Temperature (in °F):** A large number, such as 58.
- Visibility (in miles):** A smaller number, such as 1.0.
- Present Weather Symbol:** A circle containing a symbol for the current weather condition, such as a solid black circle for rain.
- Dew Point Temperature:** A number, such as 52.
- Precipitation Tendency:** A number, such as 0.02, indicating the amount of precipitation expected.

SUNDAY, OCTOBER 29, 2006



Daily Weather Map Station Names and Locations