



Daily Weather Maps

OCTOBER 25, 2010 - OCTOBER 31, 2010

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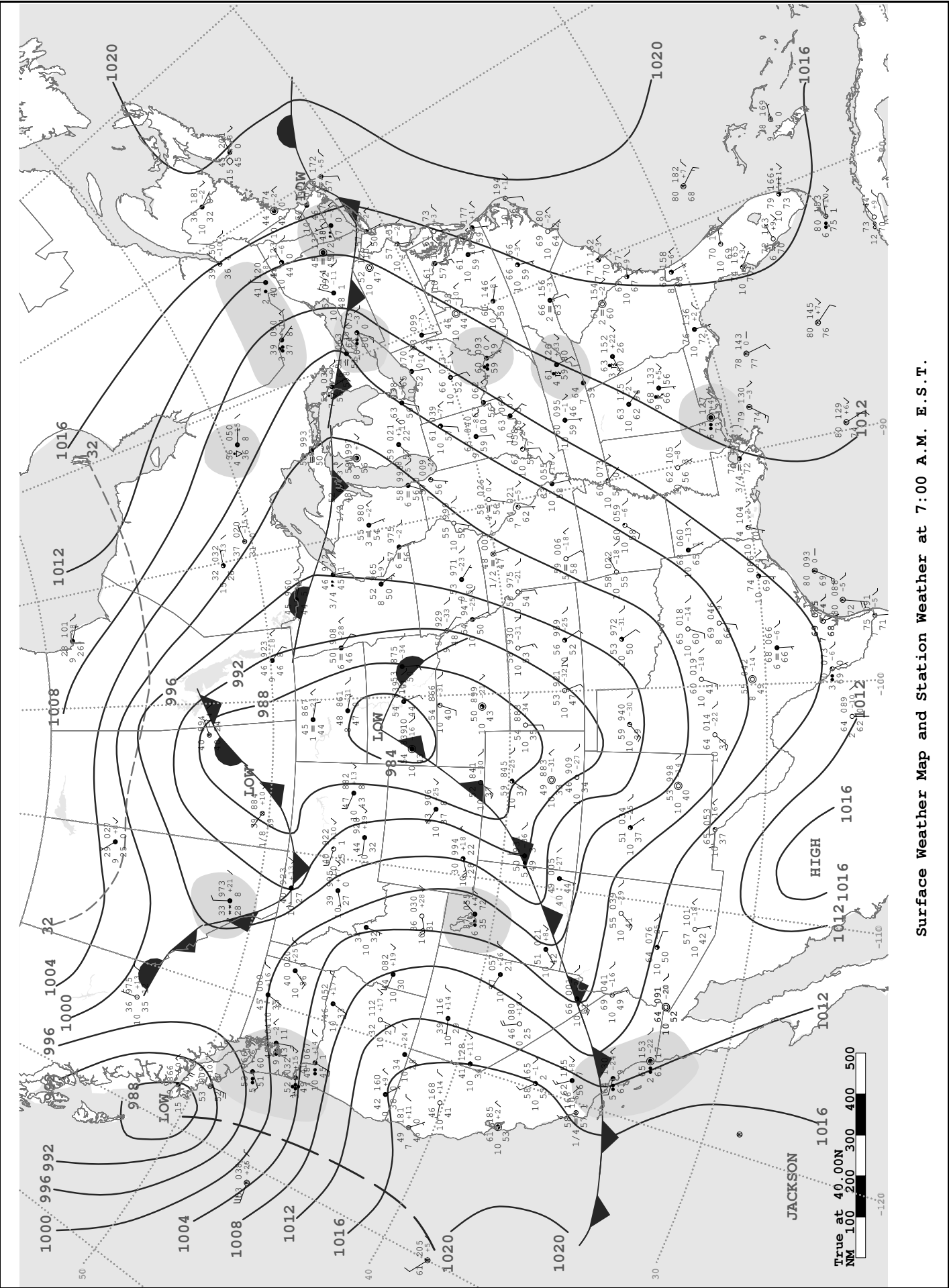
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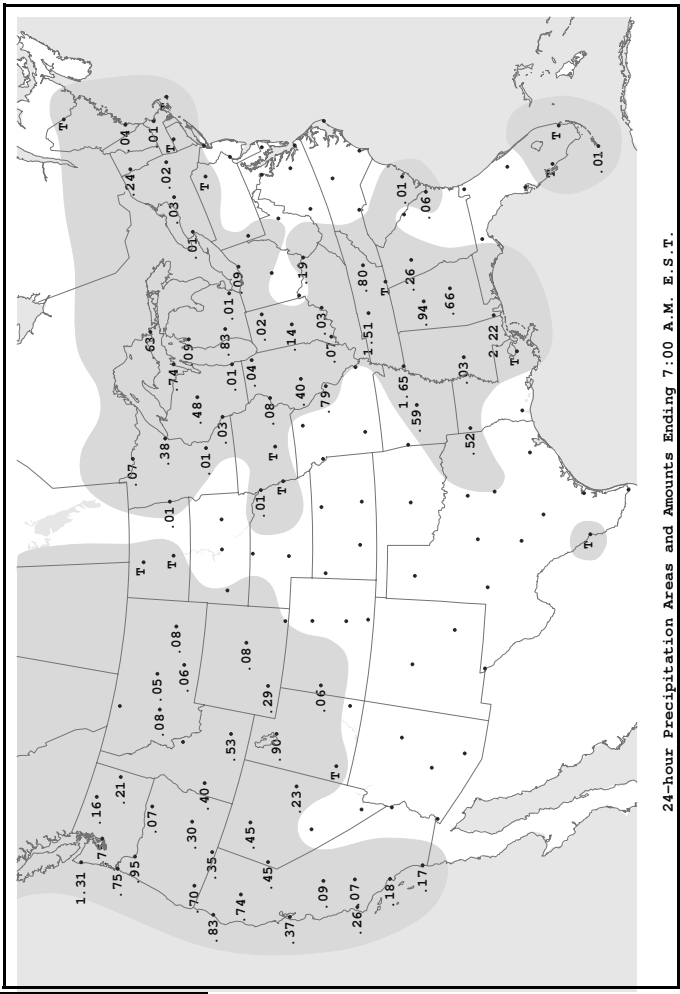
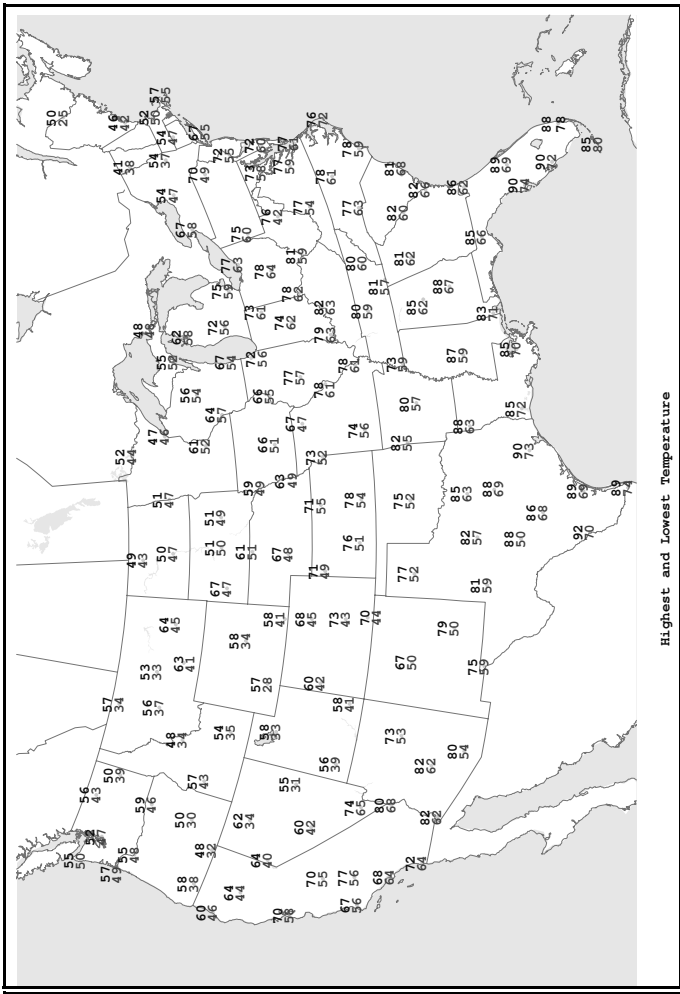
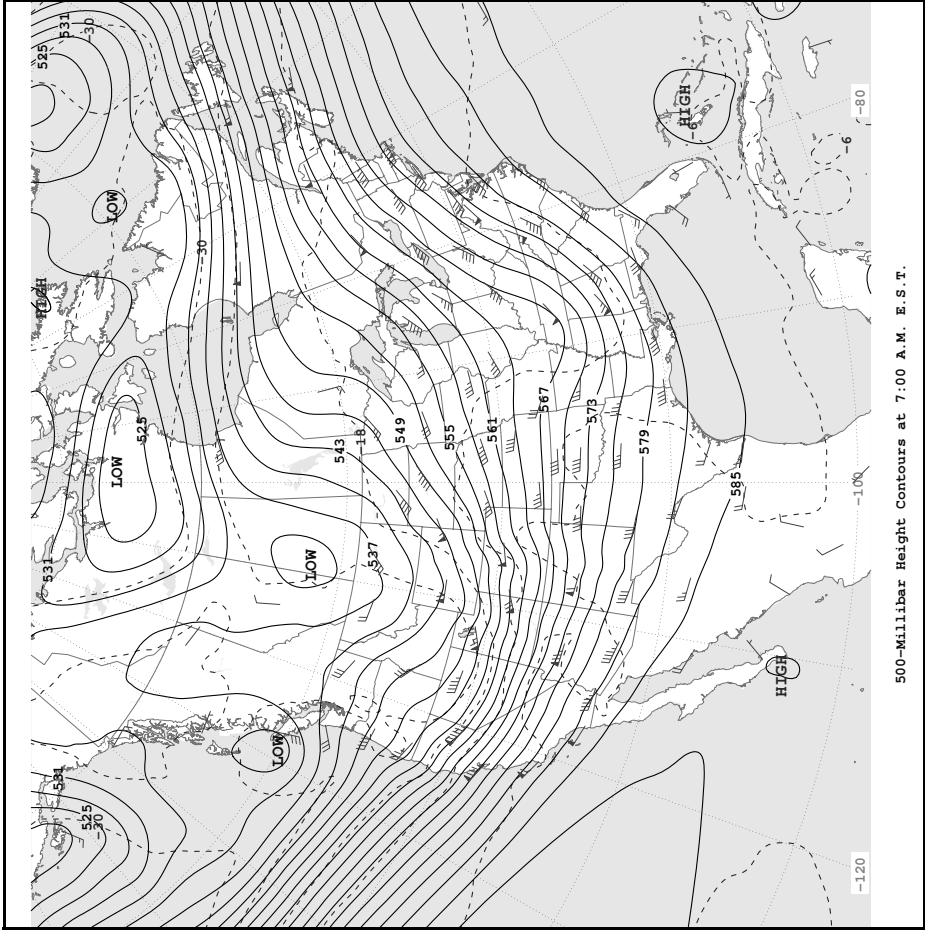
Correspondence to the meteorologists should be directed to: **Daily Weather Map, NOAA/National Weather Service, Room 410, 5200 Auth Rd, Camp Springs, MD 20746.**

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

Current HPC products are available online at www.hpc.ncep.noaa.gov



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)

Sky Cover

Station Model

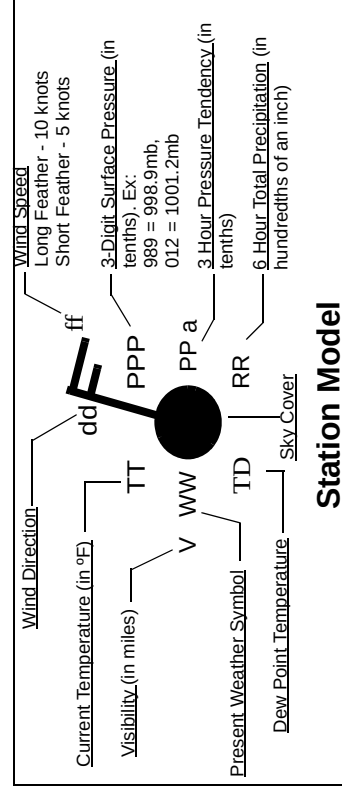
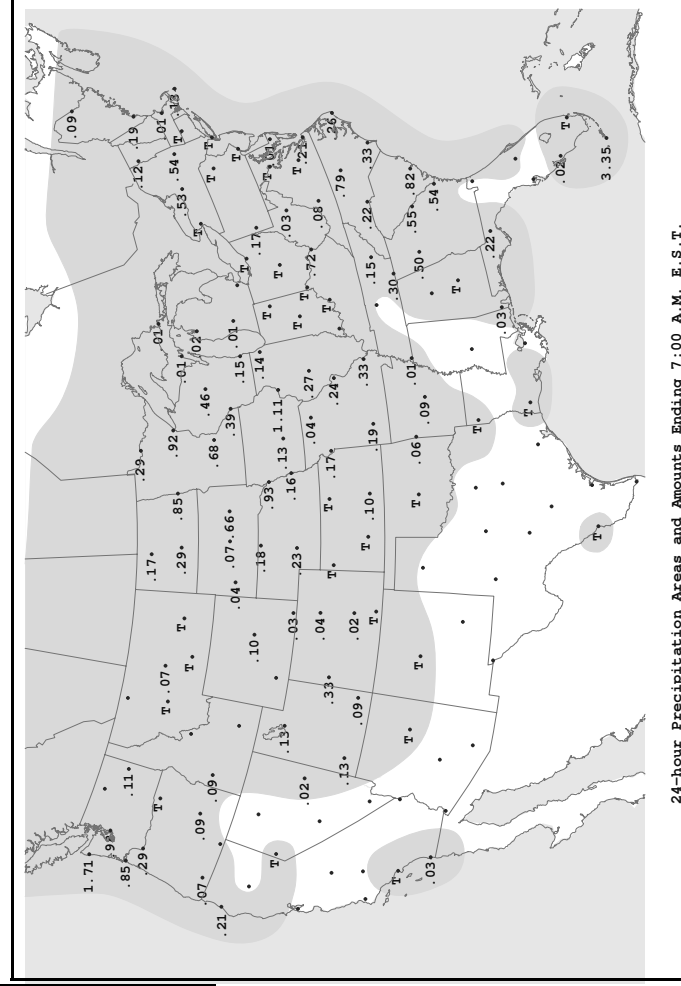
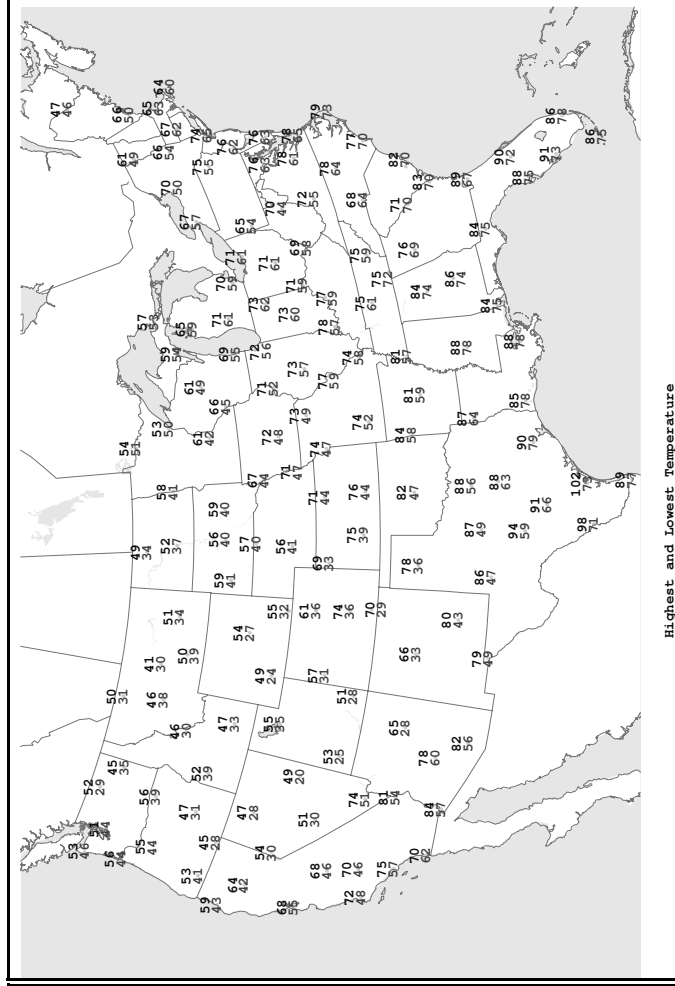
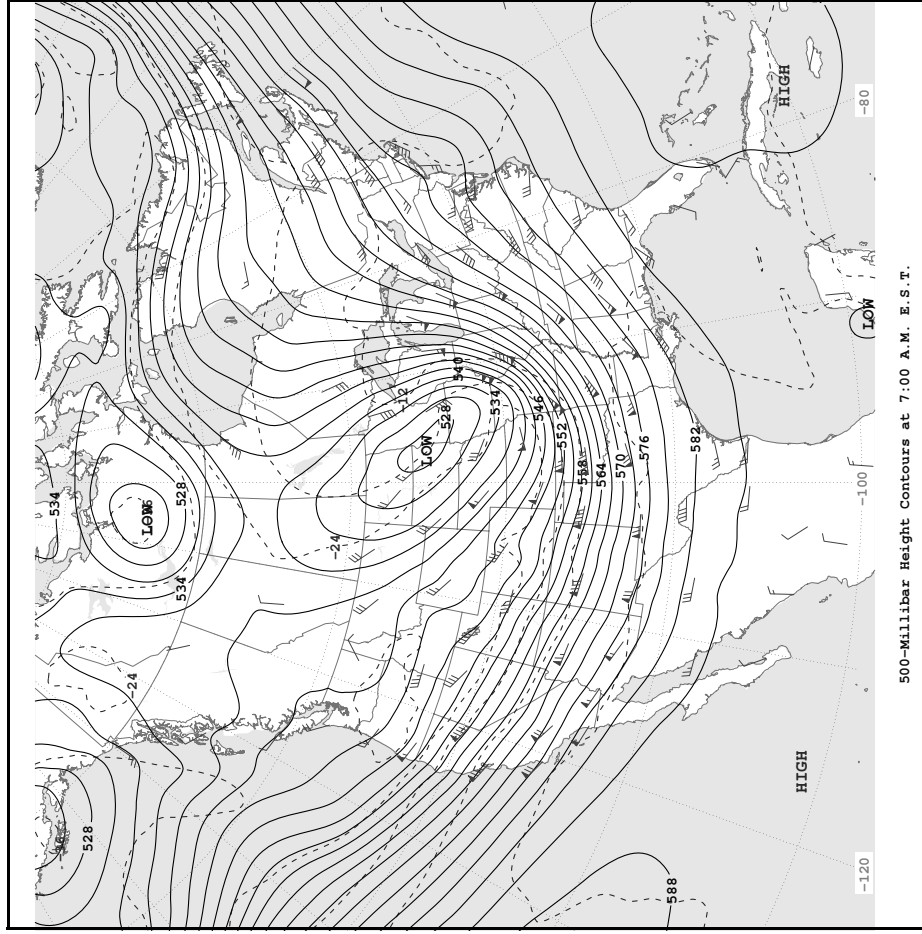
MONDAY, OCTOBER 25, 2010

This is a detailed surface weather map of the North Atlantic and surrounding regions, showing pressure systems, fronts, and station data at 7:00 A.M. E.S.T. The map includes isobars, isotherms, and various weather symbols. A scale bar at the bottom right indicates distances up to 500 NM.

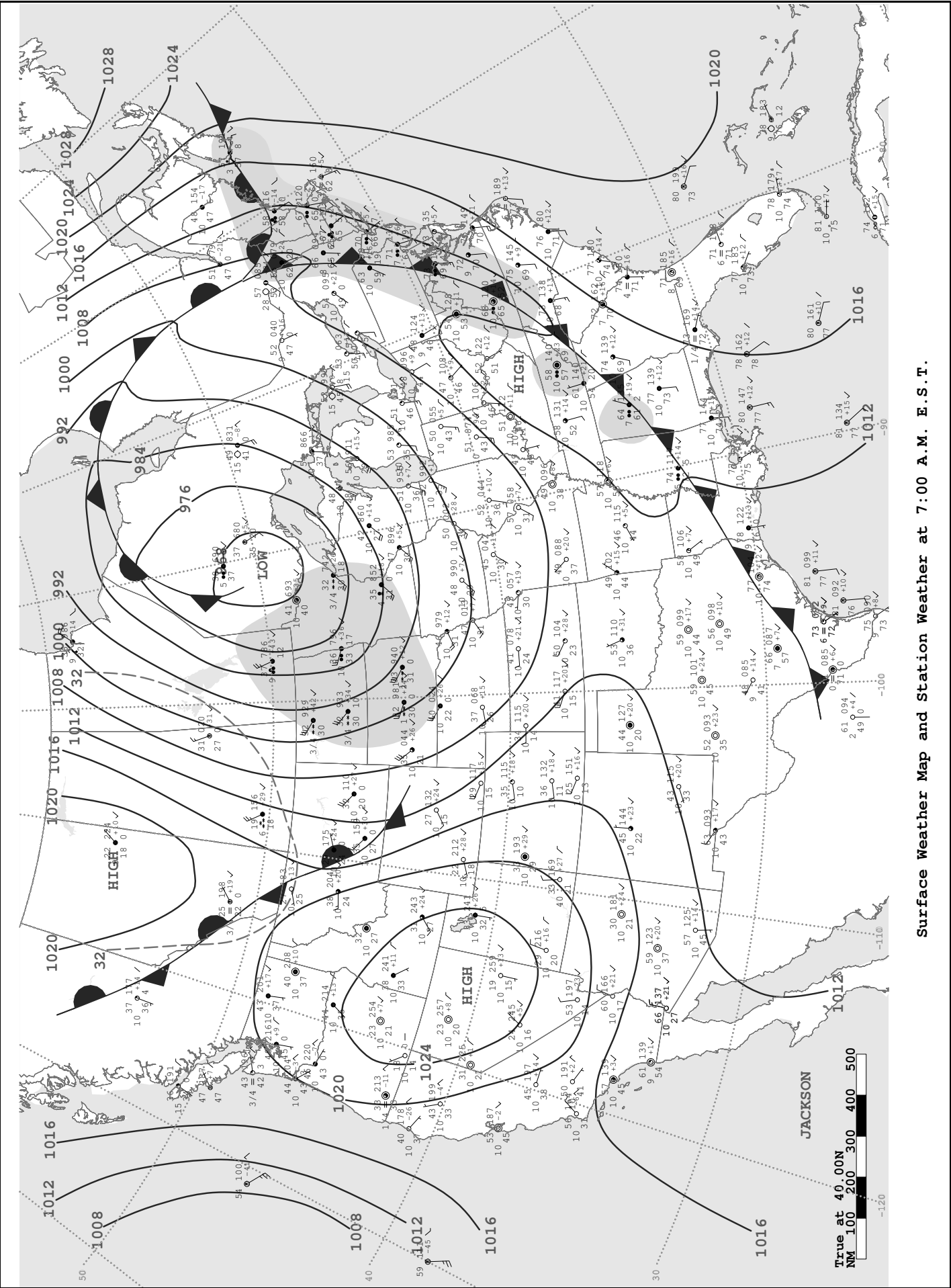
Key Features:

- Pressure Systems:** Several low-pressure systems are labeled, including "LOW 968" and "LOW 976" in the central North Atlantic, and "LOW 1004" near the coast of North America. High-pressure systems are labeled with values like 1016, 1020, and 1024.
- Fronts:** Various frontal systems are depicted with standard meteorological symbols, including cold fronts (triangles), warm fronts (semicircles), and occluded fronts (combined symbols).
- Station Data:** Numerous weather stations are marked with their respective data, including temperature, wind speed and direction, and other meteorological observations.
- Geographical Labels:** The map includes labels for "JACKSON" and "True at 40.00N".
- Scale:** A scale bar at the bottom right indicates distances in Nautical Miles (NM) up to 500.

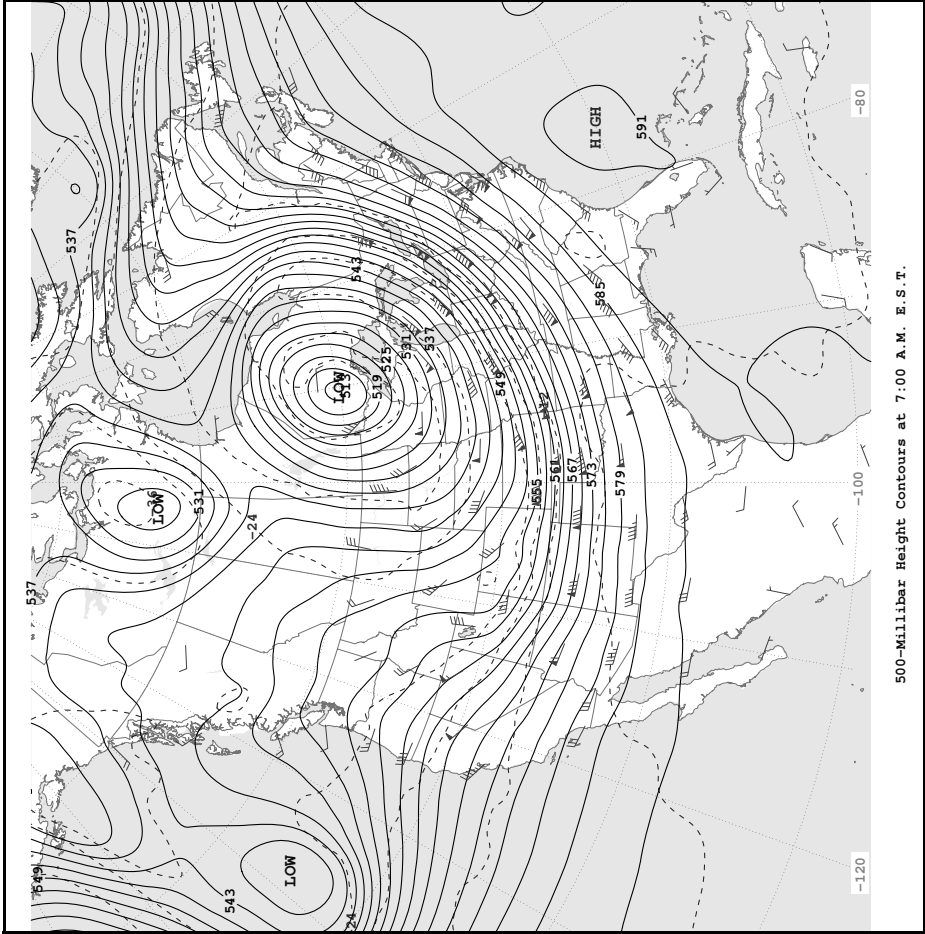
Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.

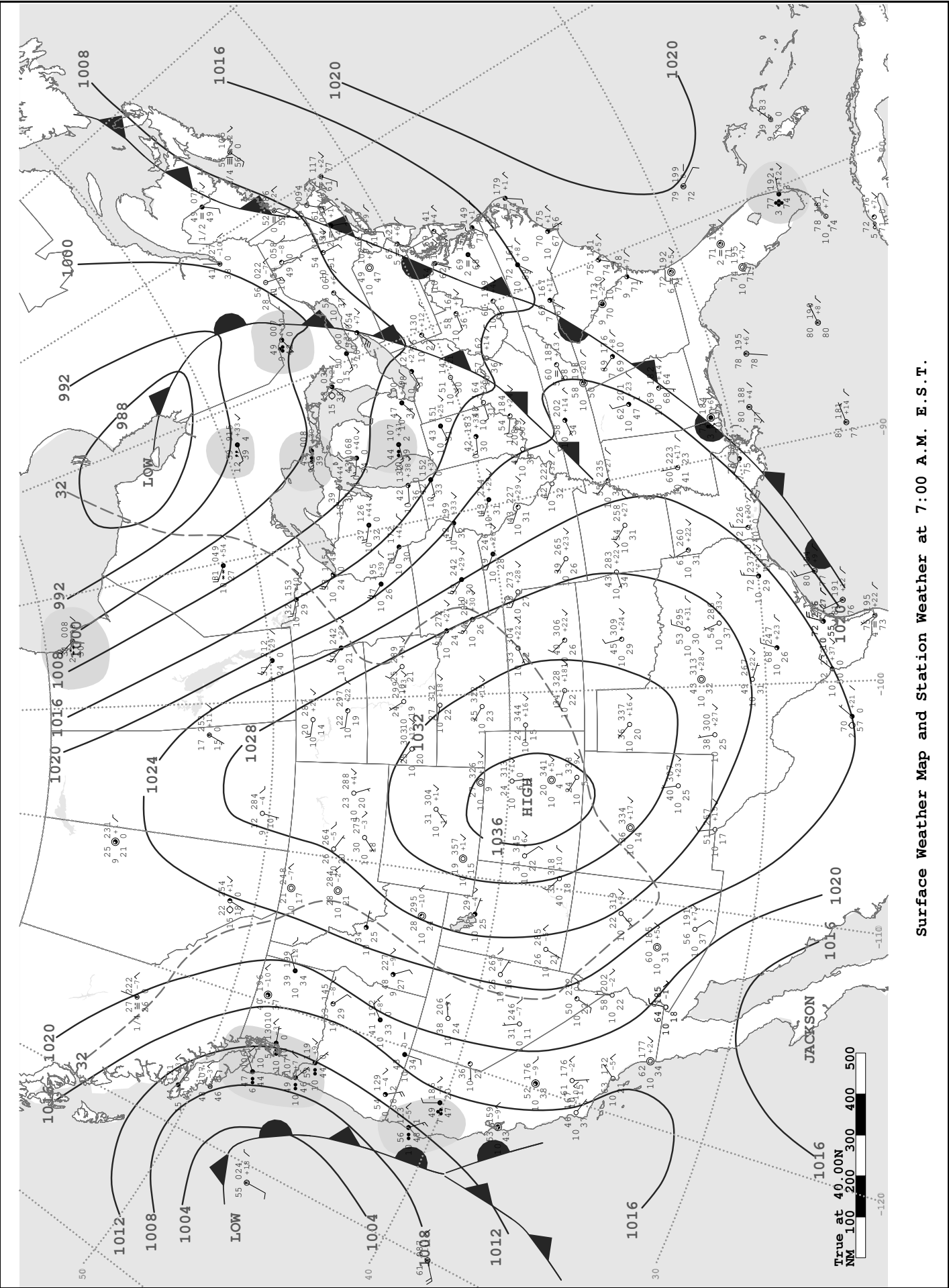


TUESDAY, OCTOBER 26, 2010

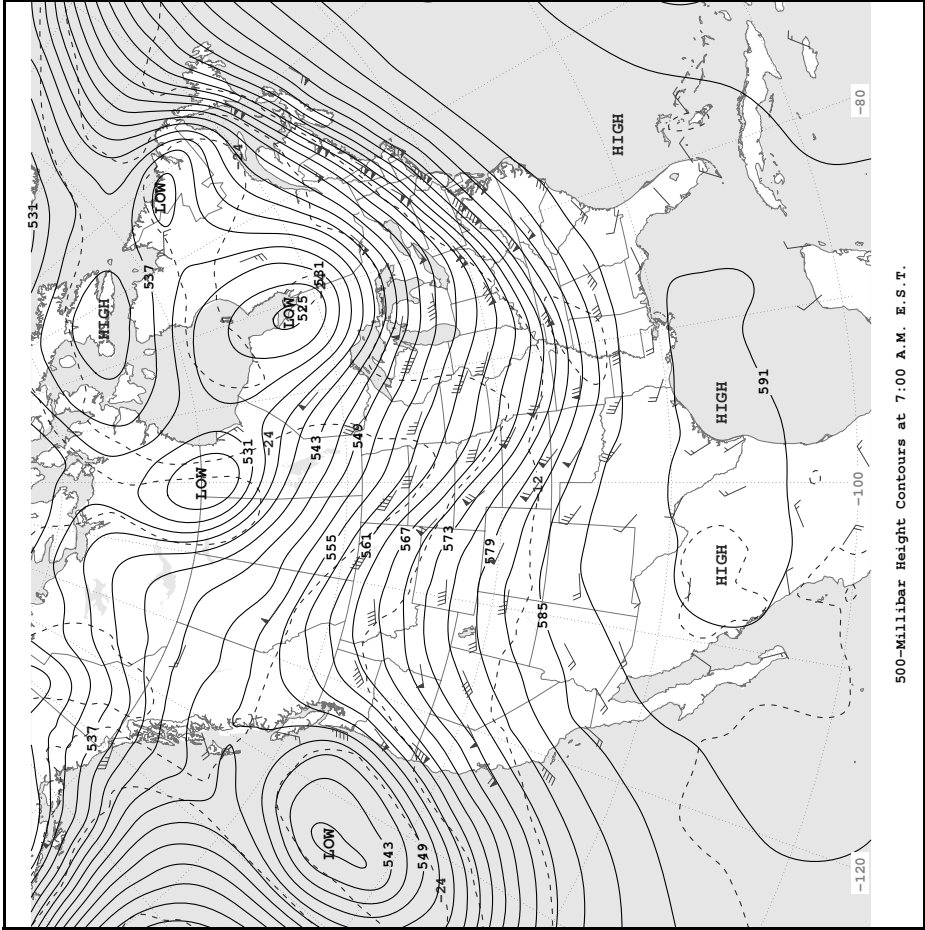


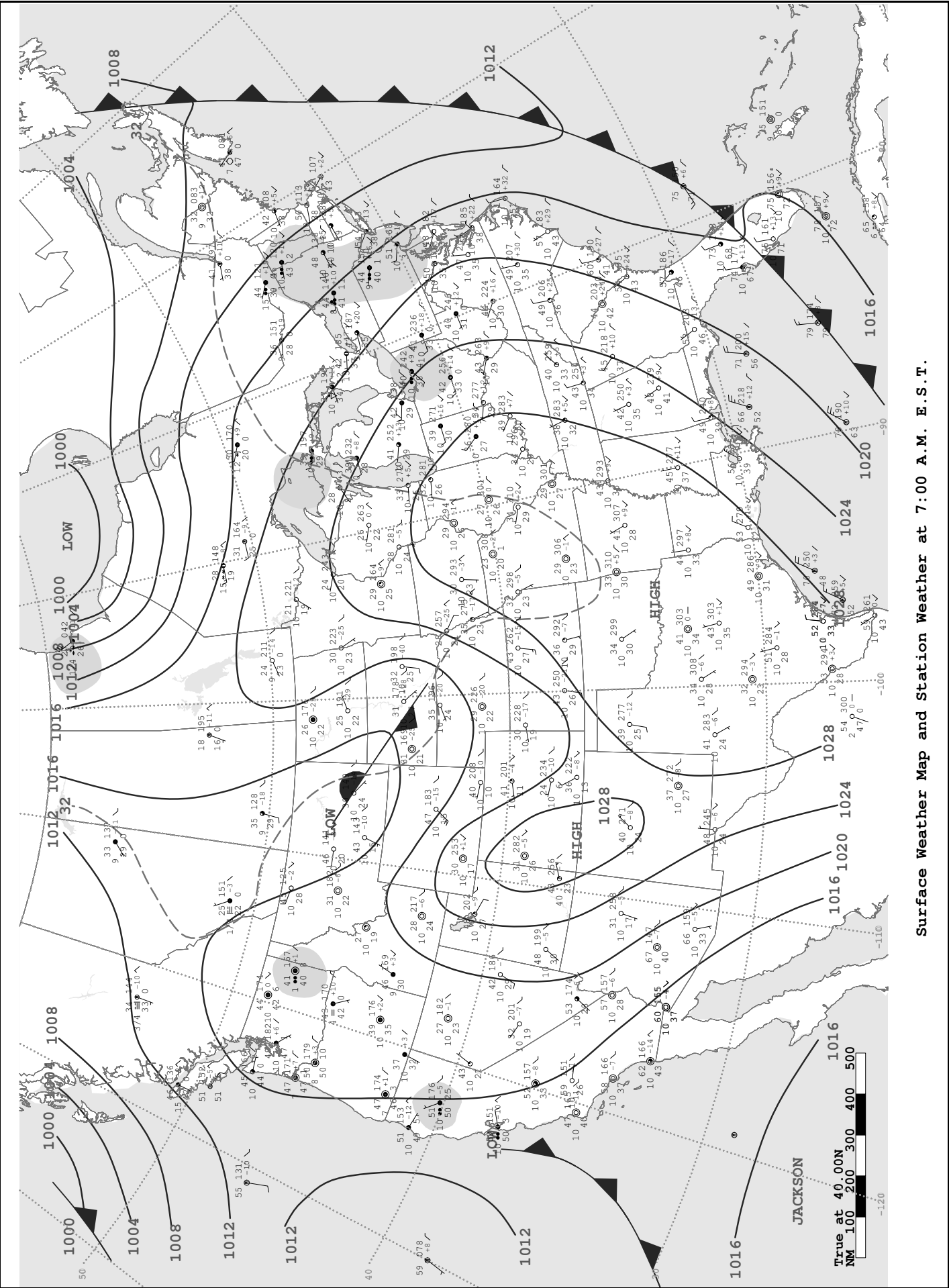
Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.



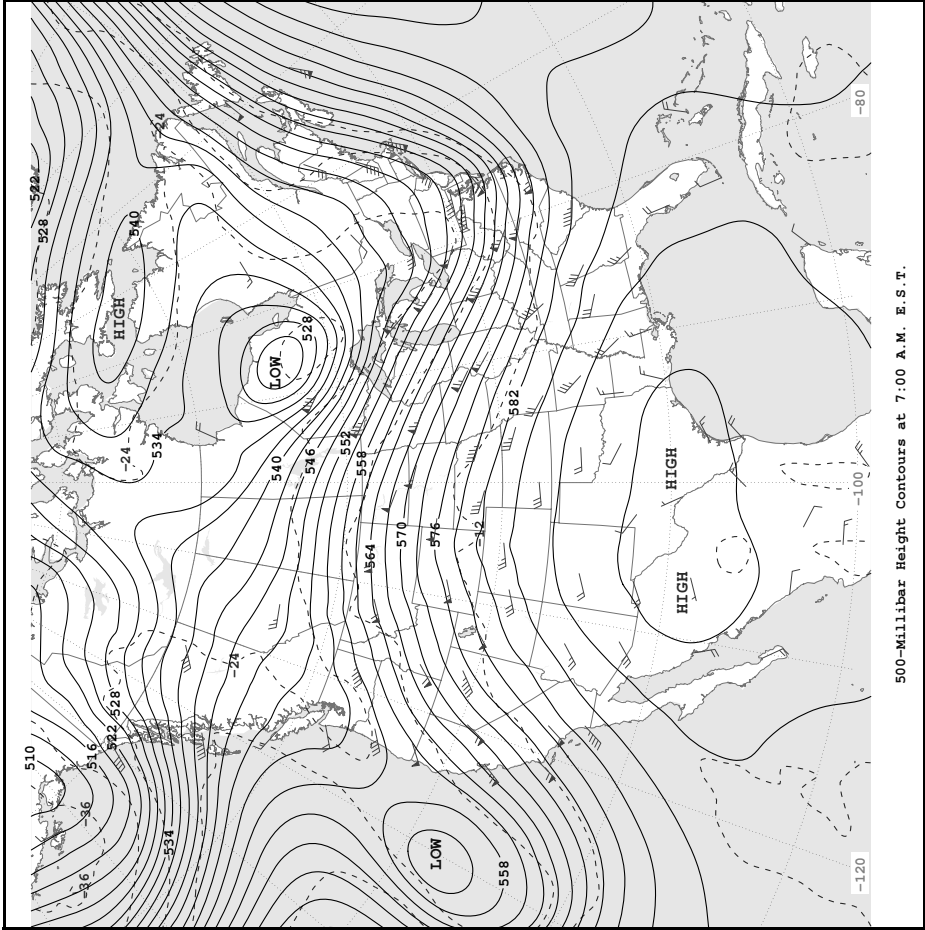


Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.

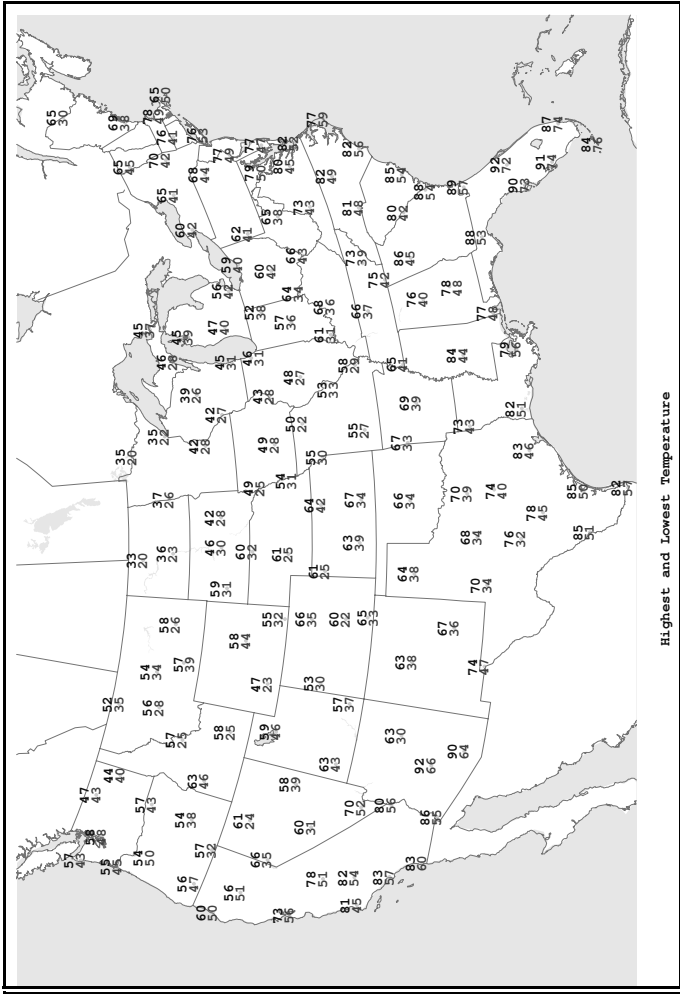




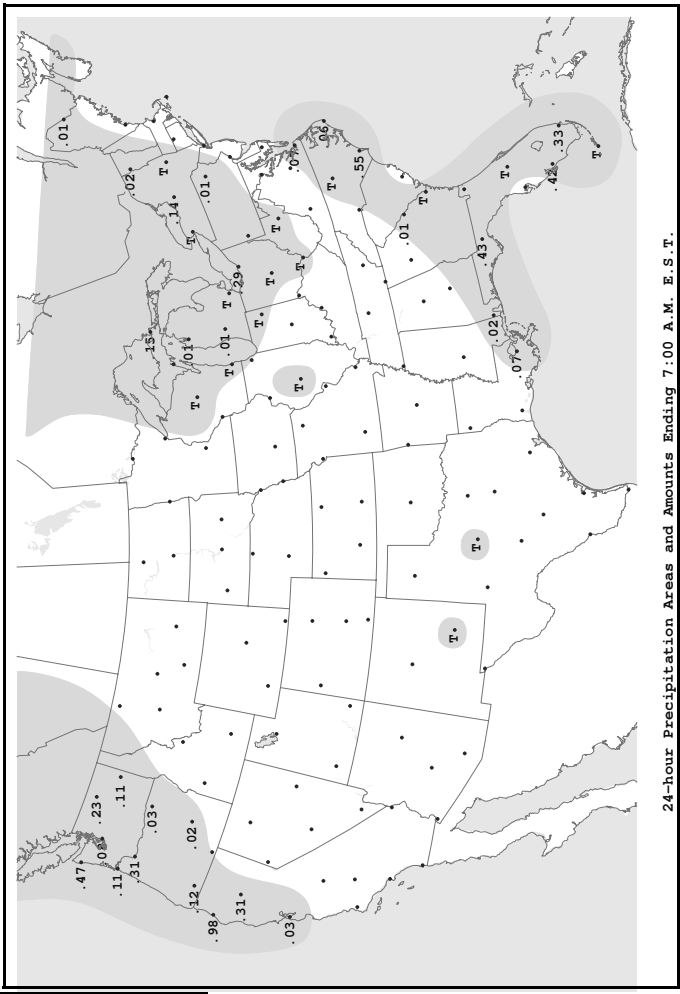
Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.



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

ff

dd

TT

V

WW

TD

RR

Sky Cover

Wind Speed

Long Feather - 10 knots

Short Feather - 5 knots

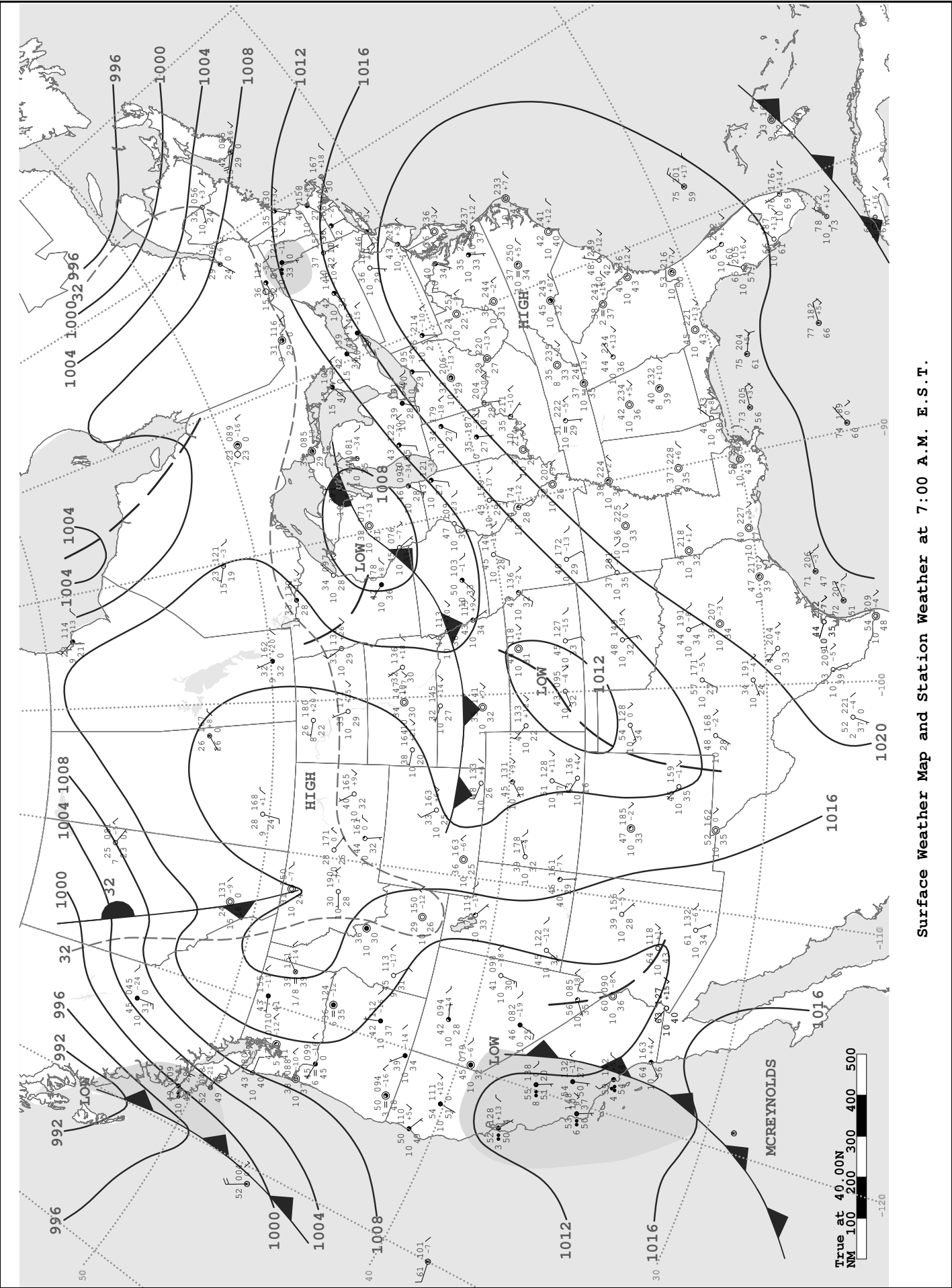
3-Digit Surface Pressure (in tenths) Ex: 989 = 998.9mb, 012 = 1001.2mb

3 Hour Pressure Tendency (in tenths)

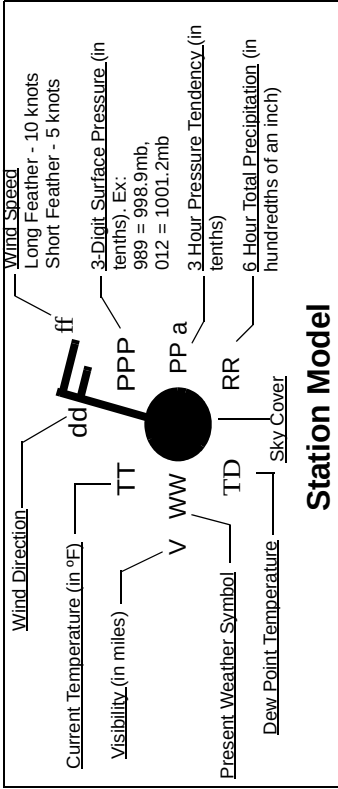
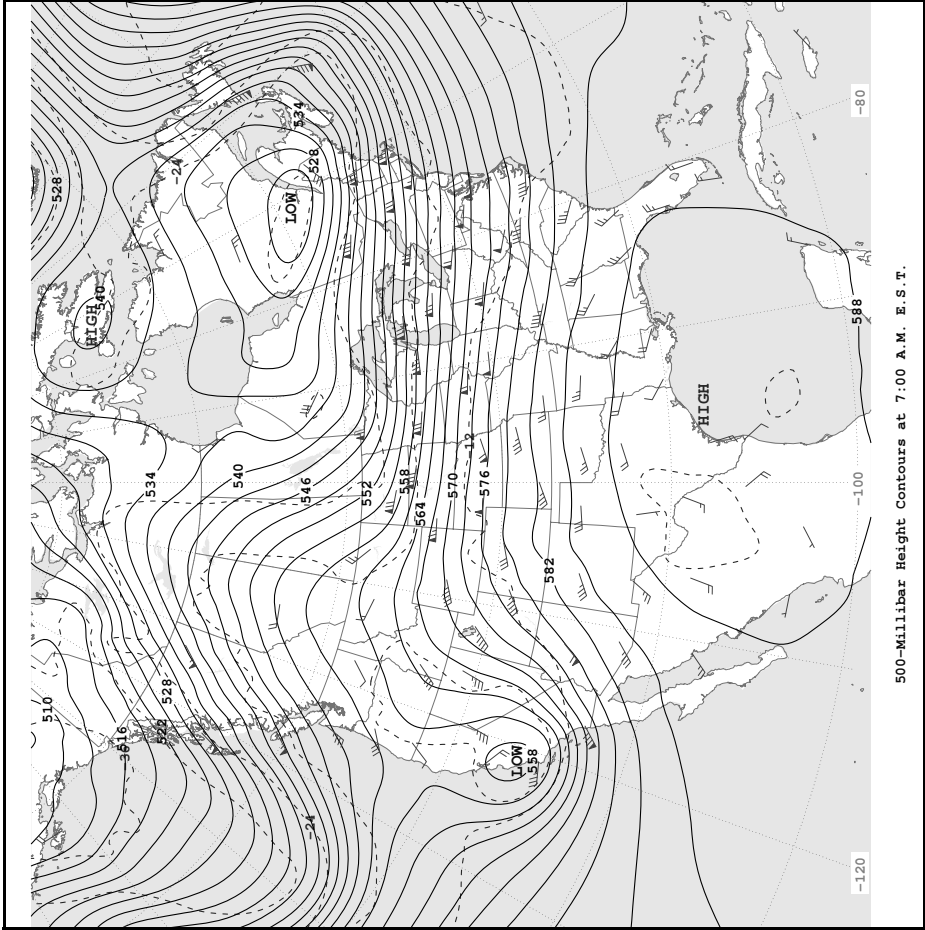
6 Hour Total Precipitation (in hundredths of an inch)

Station Model

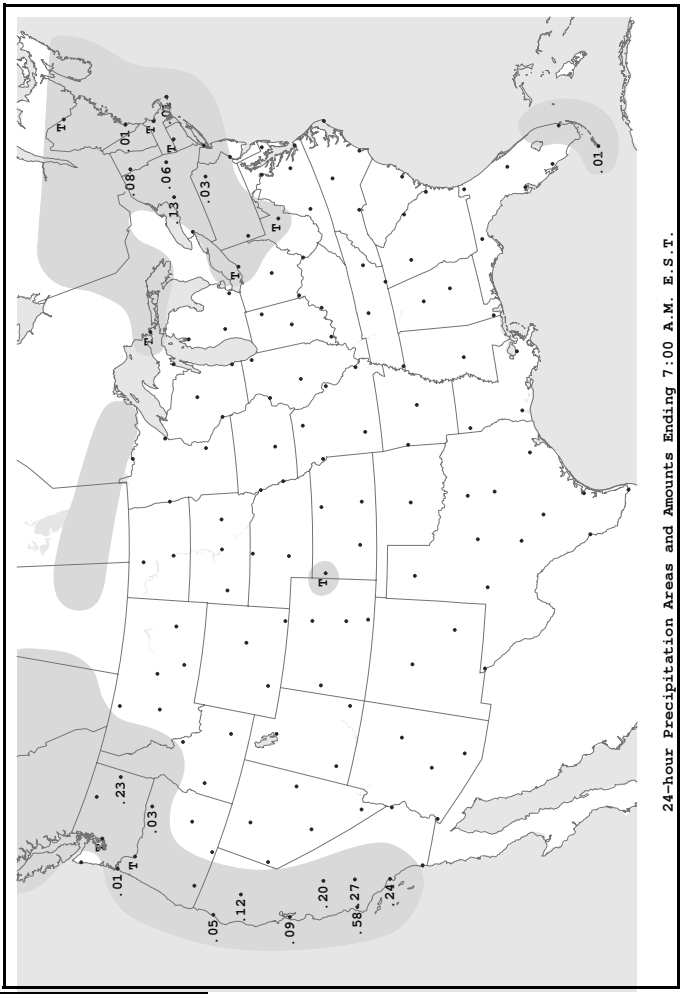
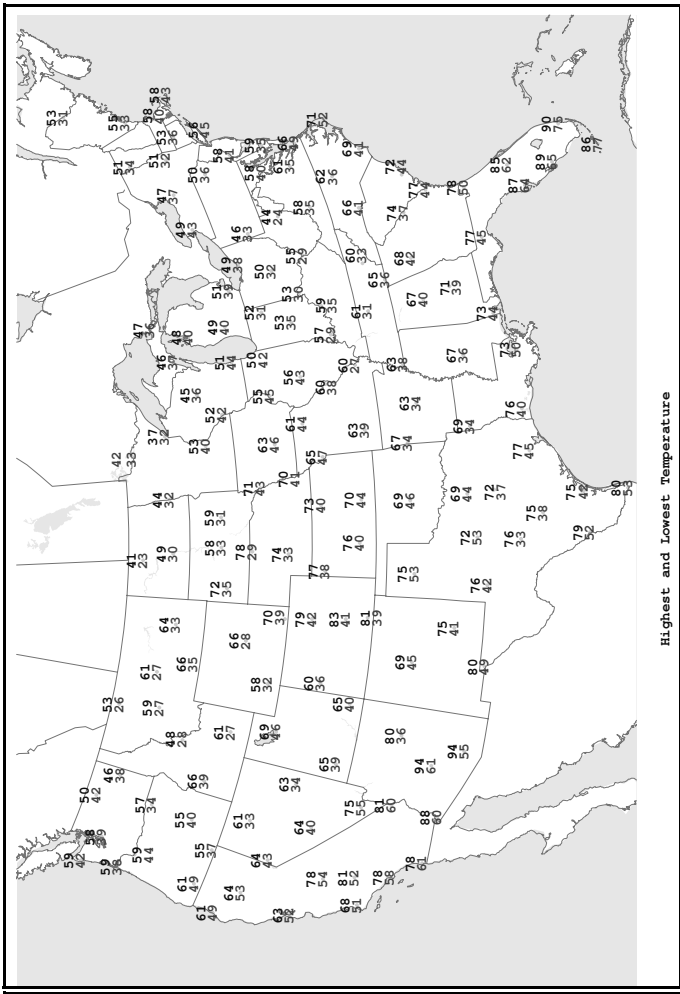
FRIDAY, OCTOBER 29, 2010

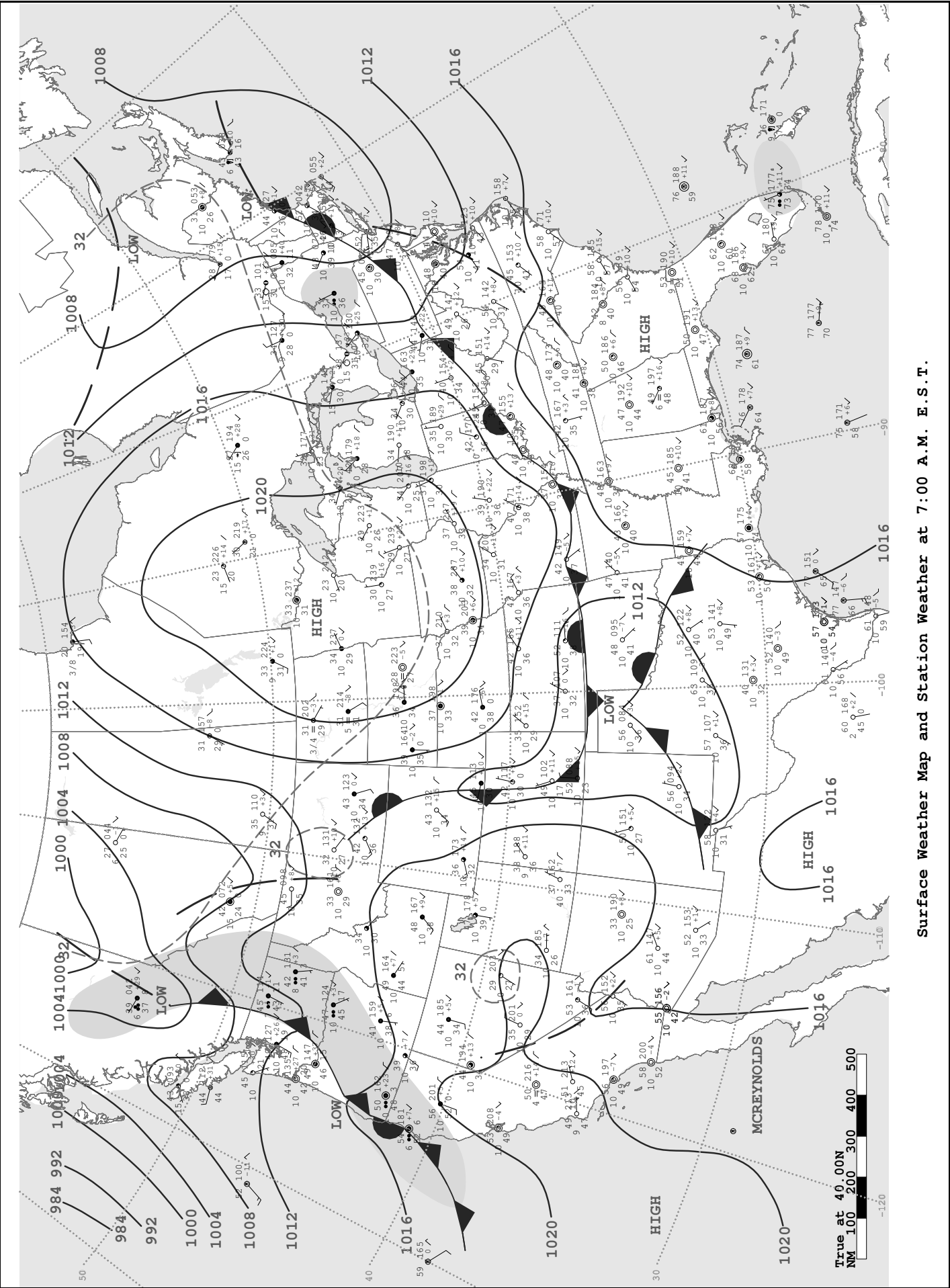


Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.

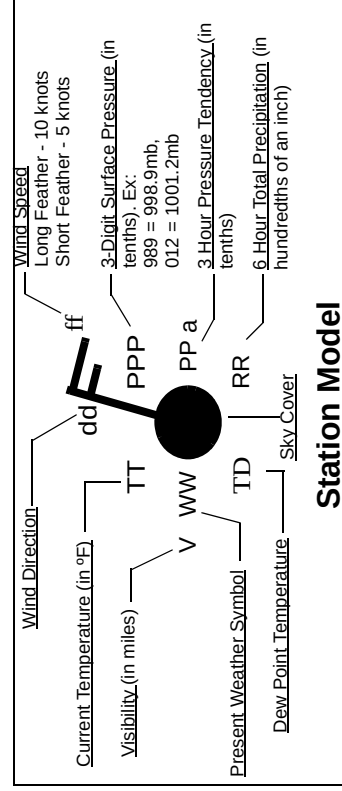
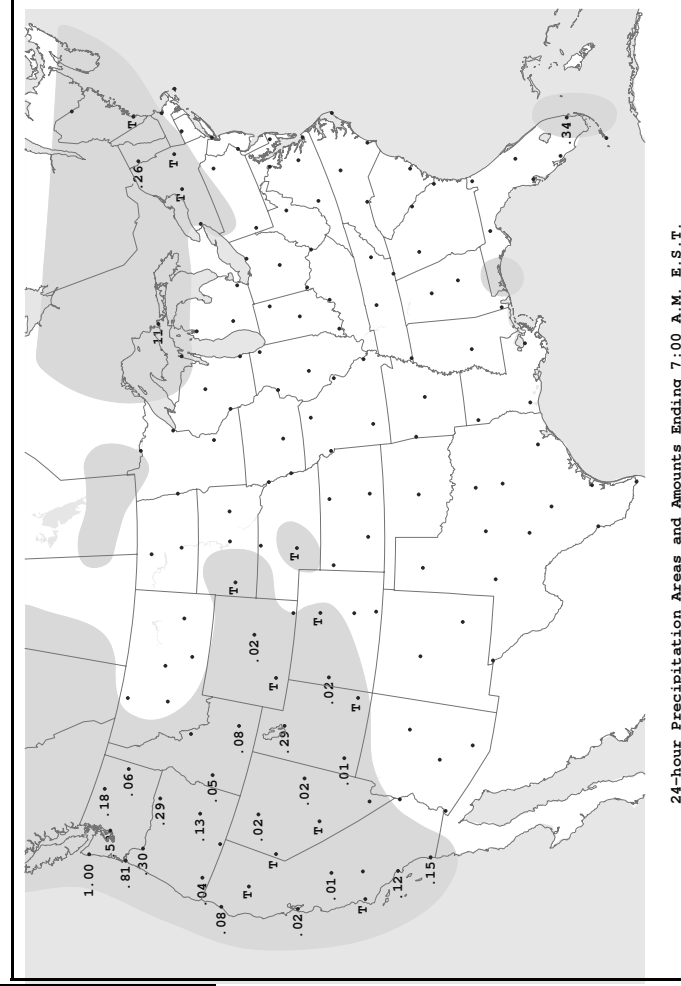
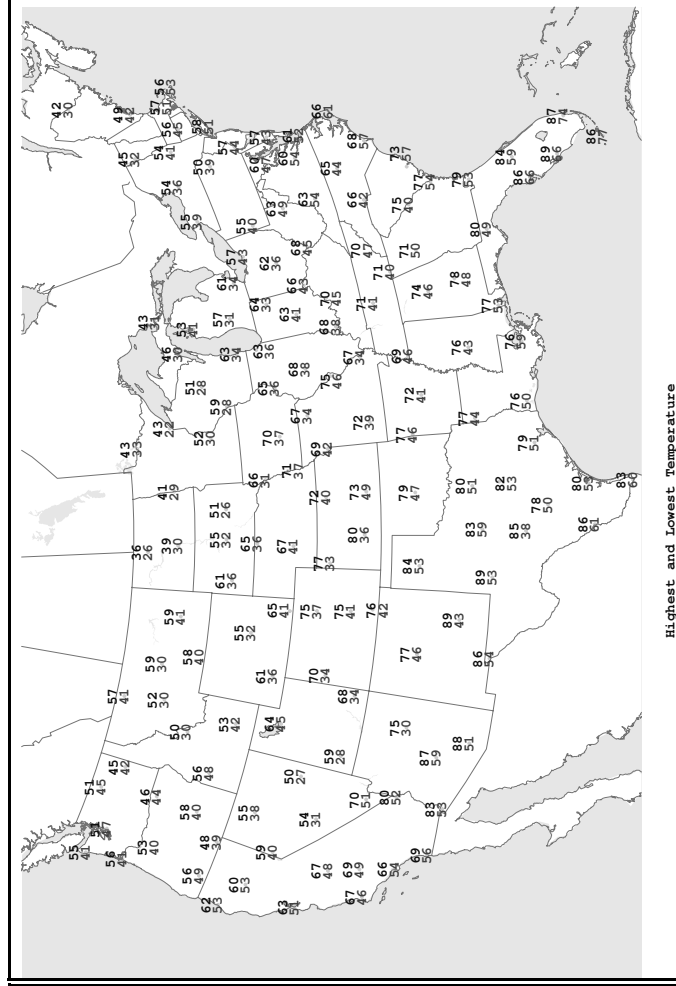
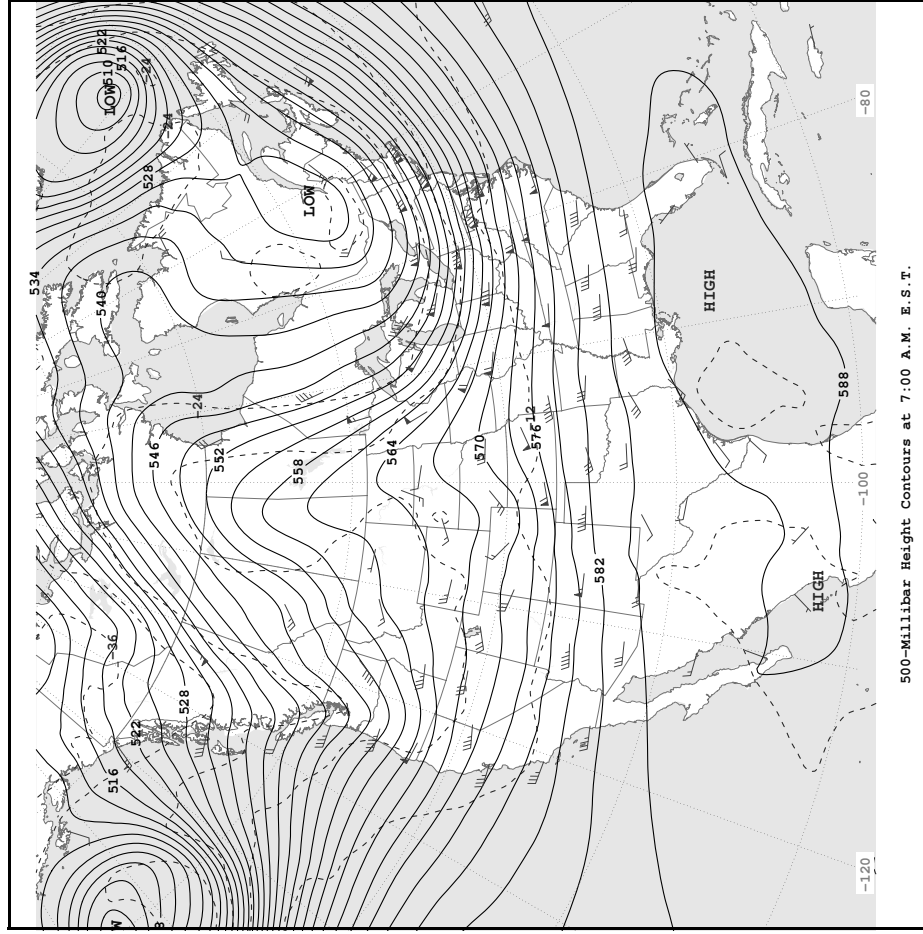


SATURDAY, OCTOBER 30, 2010





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



SUNDAY, OCTOBER 31, 2010

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Daily Weather Map Station Names and Locations