



Daily Weather Maps

OCTOBER 10, 2011 - OCTOBER 16, 2011

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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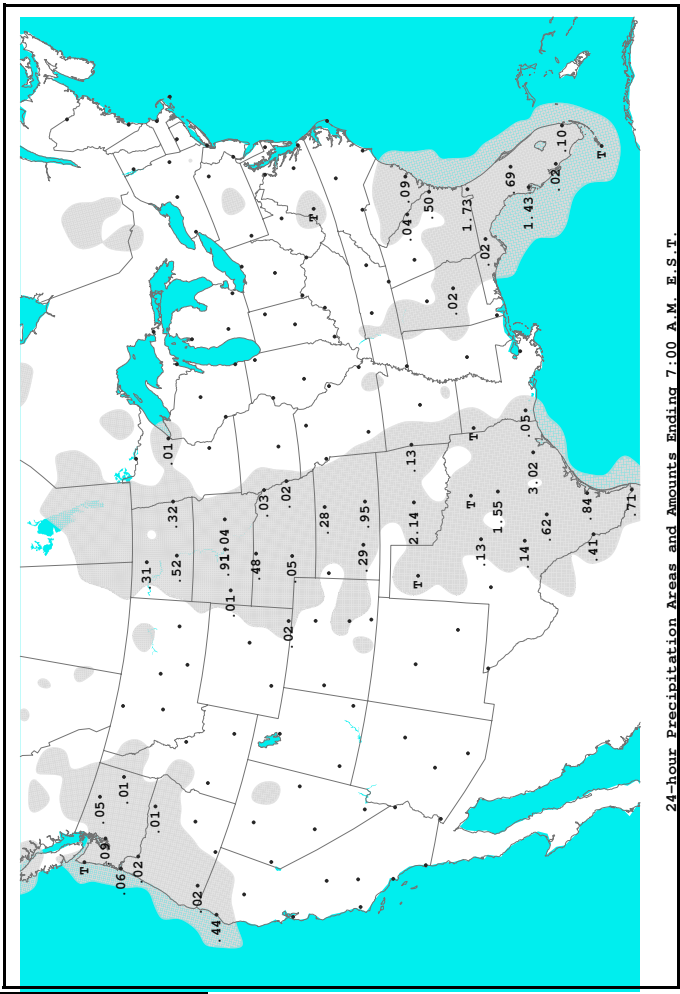
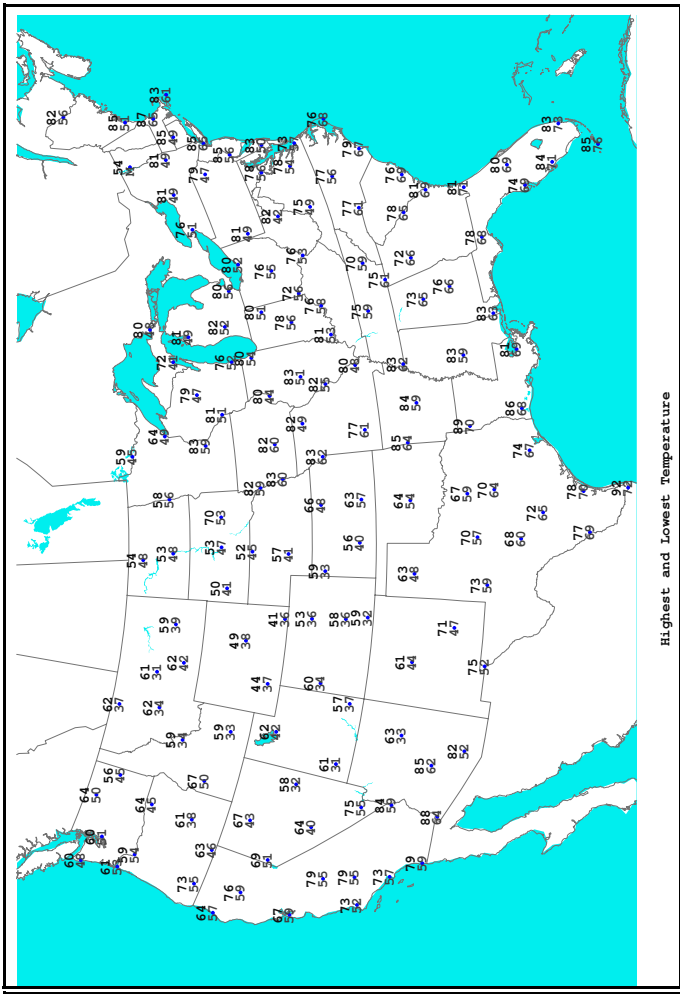
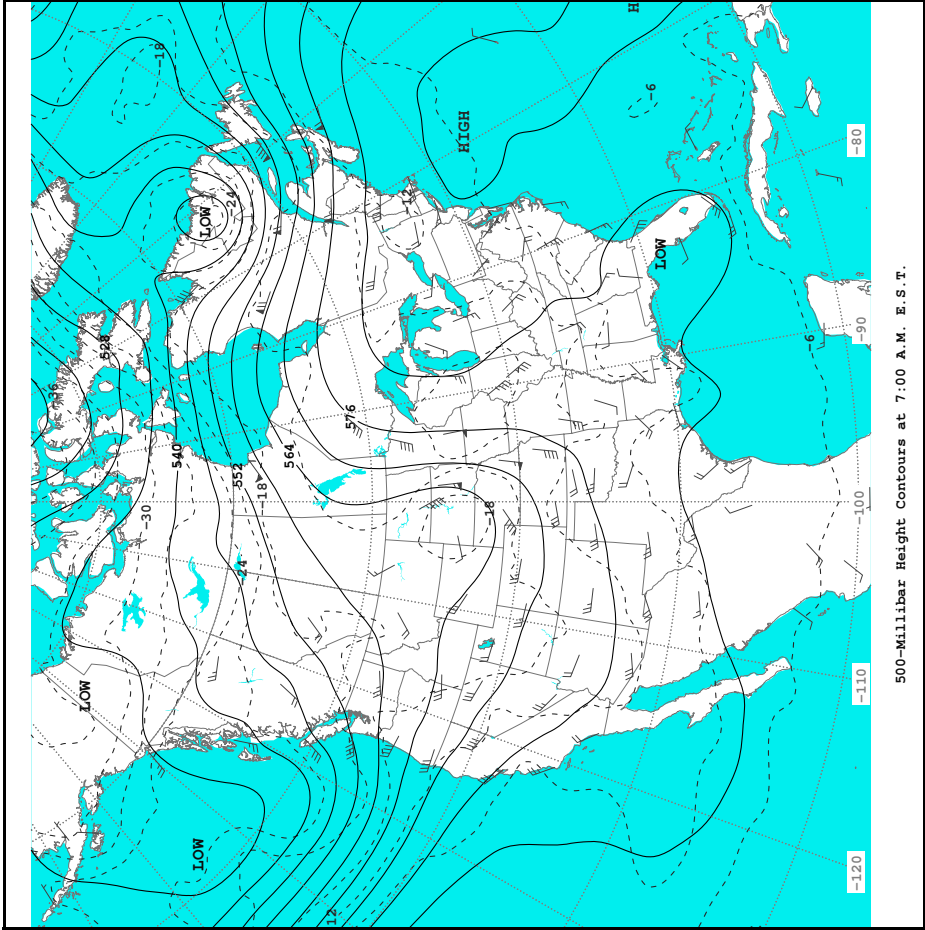
This is a detailed surface weather map of the United States and surrounding regions, showing pressure systems, fronts, and weather conditions. The map includes a scale bar (0 to 500 NM) and a compass rose. The title "Surface Weather Map and Station Weather at 7:00 A.M. E.S.T." is at the bottom right.

The map displays various weather features, including high and low pressure systems, fronts, and areas of precipitation. Key elements include:

- Pressure Systems:** High pressure systems (H) are located over the Pacific Northwest, the Great Lakes, and the Gulf of Mexico. Low pressure systems (L) are located over the Southeast and the Atlantic coast.
- Fronts:** Cold fronts (solid lines with triangles) and warm fronts (dashed lines with semicircles) are shown across the map.
- Weather Conditions:** Various weather symbols are used to indicate conditions such as rain, snow, and clouds. For example, rain is shown with a cloud and a raindrop, and snow with a cloud and a snowflake.
- Temperature and Wind:** Temperature readings are provided for many stations, and wind direction and speed are indicated by arrows and numbers.
- Scale and Orientation:** A scale bar at the bottom right shows distances from 0 to 500 NM. A compass rose indicates the orientation of the map.

The map is titled "Surface Weather Map and Station Weather at 7:00 A.M. E.S.T." and is attributed to the "Hydrometeorological Prediction Center, Analyst Ryan".

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: 999 = 998.9mb, 012 = 1001.2mb

3 Hour Pressure Tendency (in tenths)

6 Hour Total Precipitation (in hundredths of an inch)

Sky Cover

ff

dd

TT

V

WW

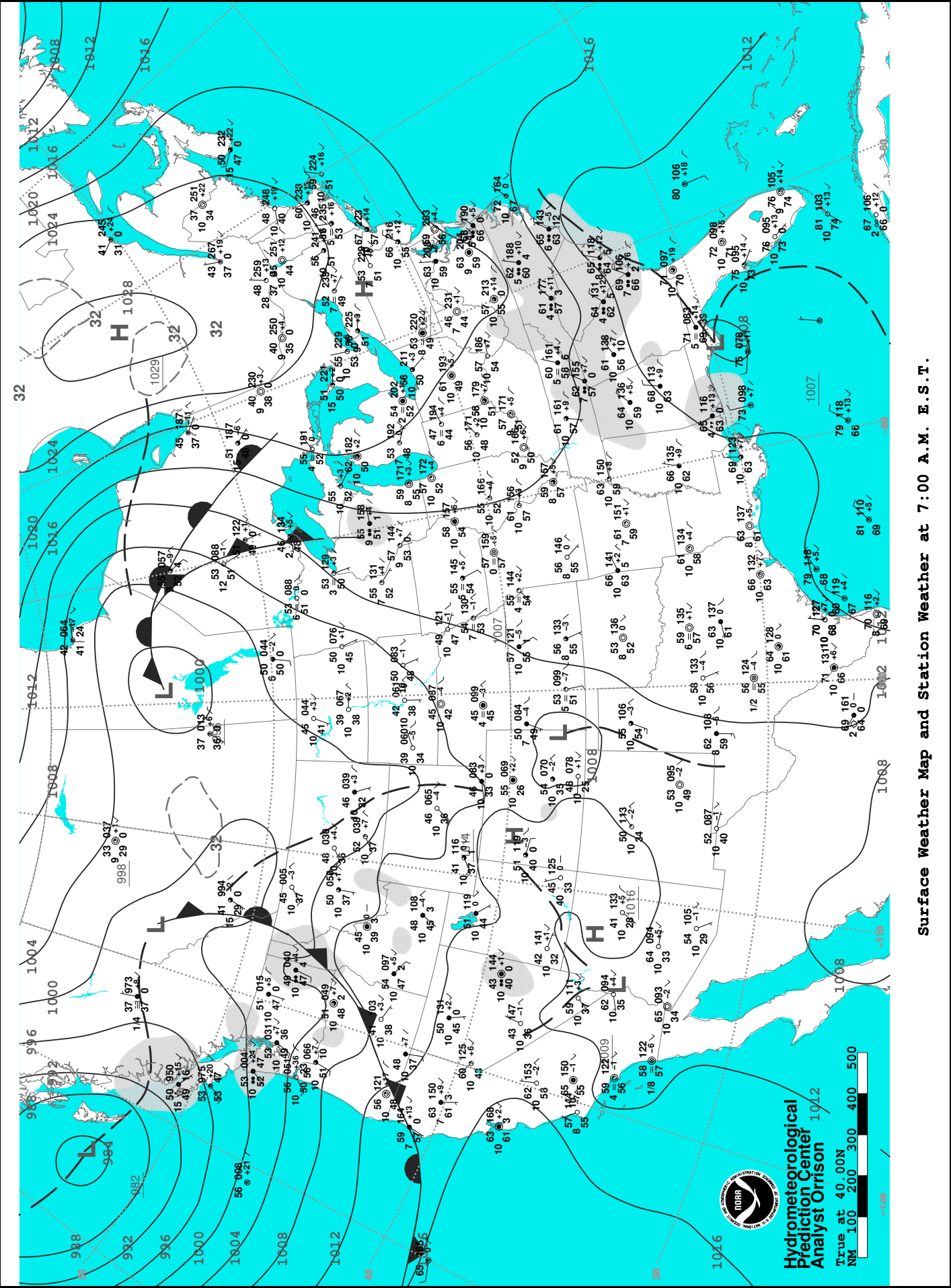
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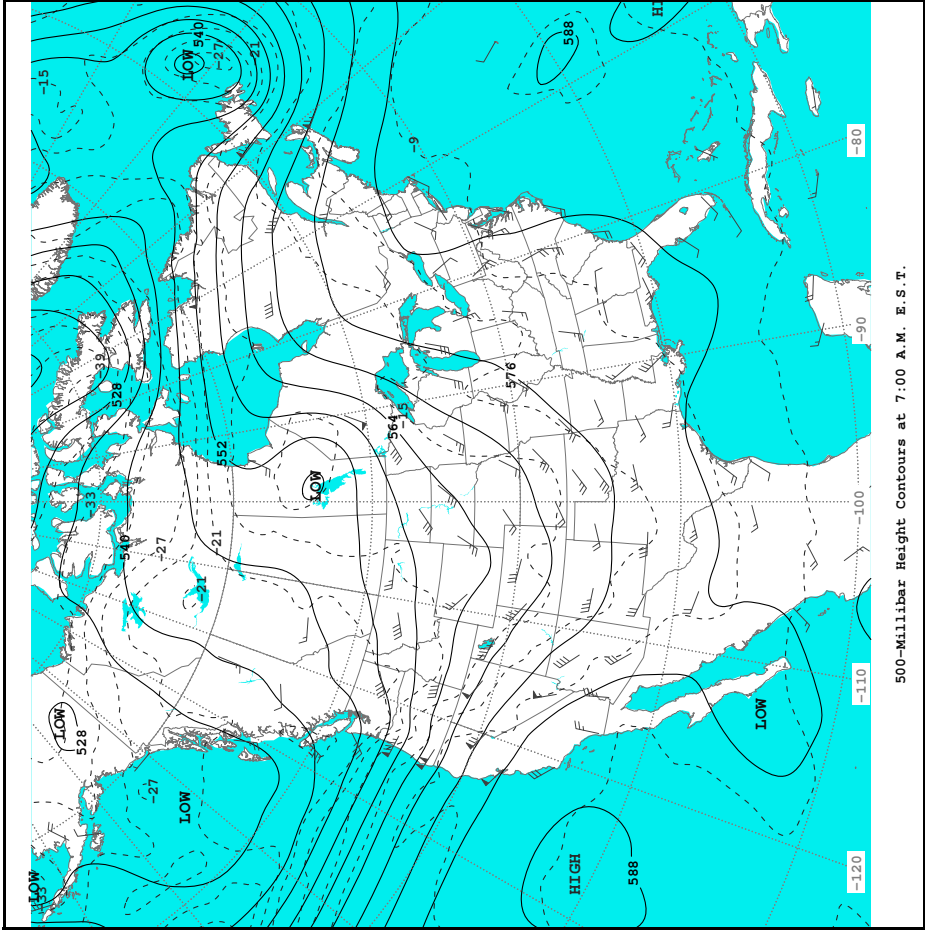
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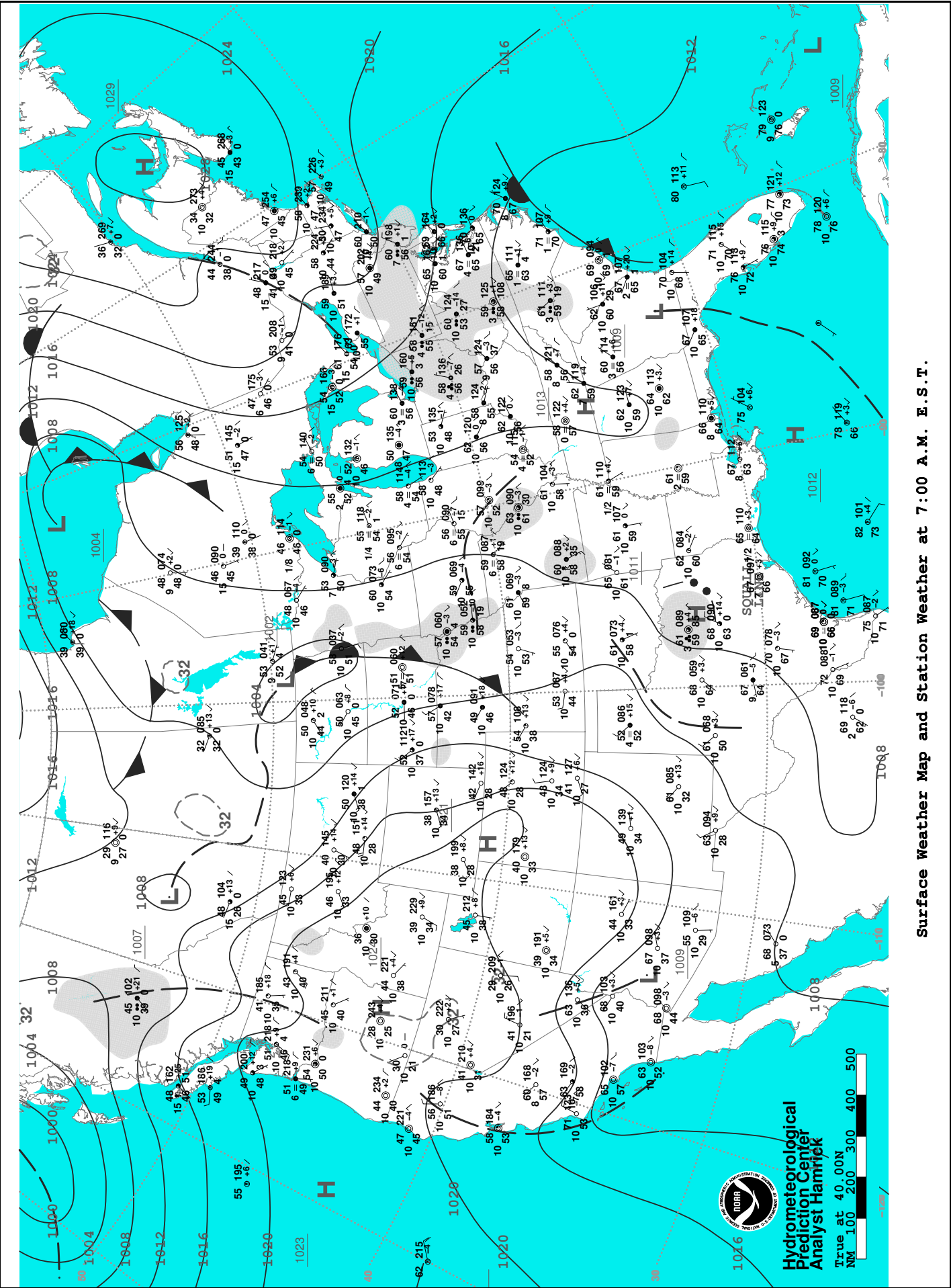
RR

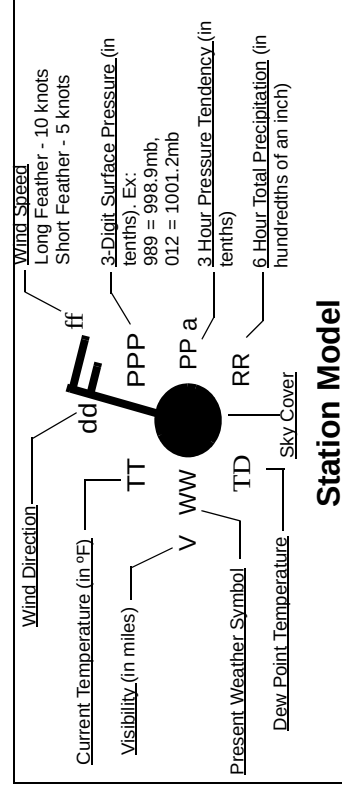
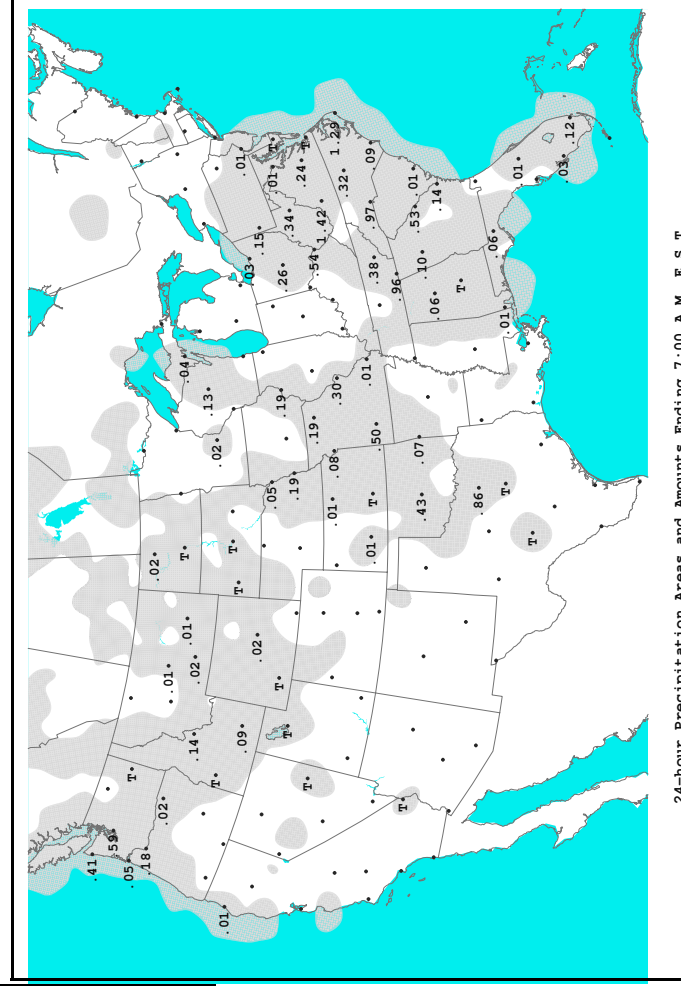
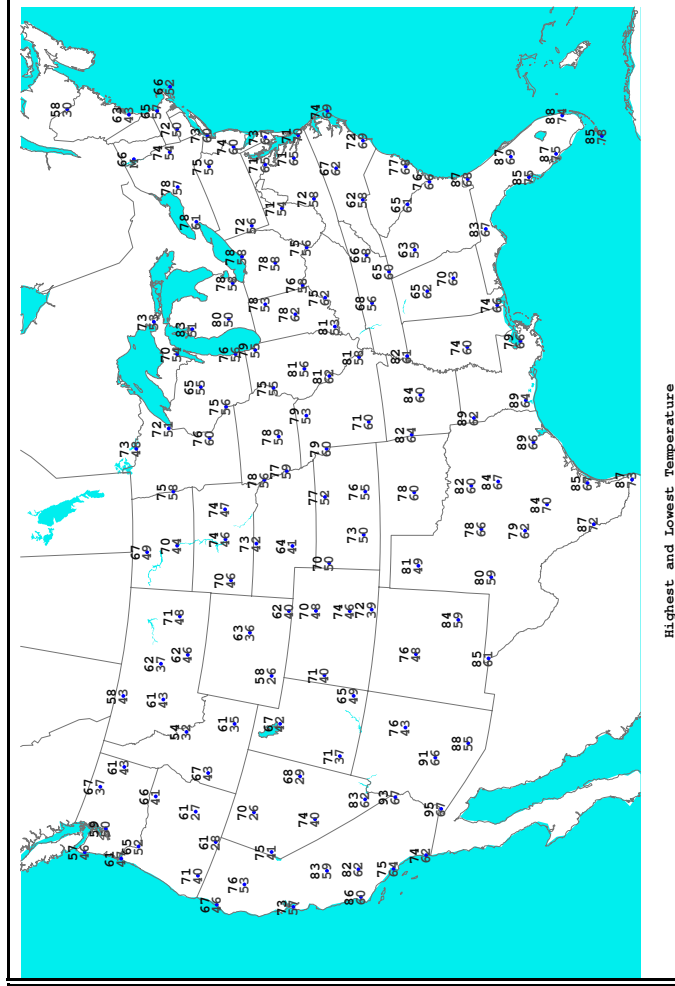
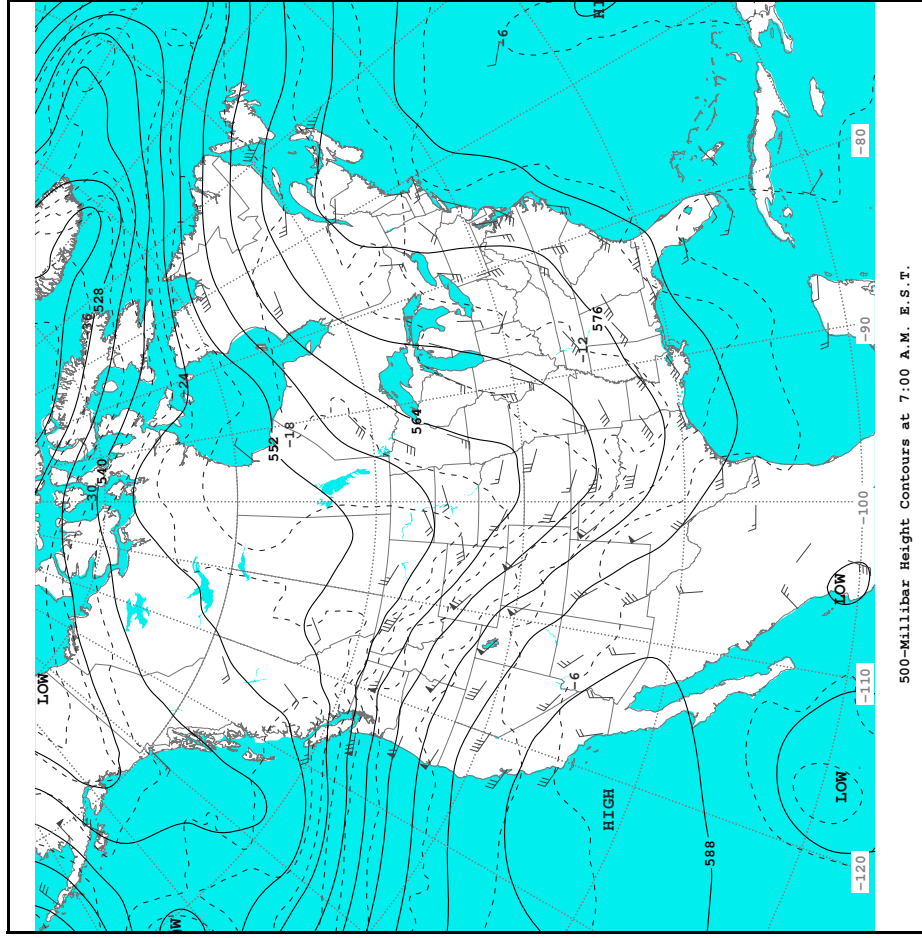
Station Model

MONDAY, OCTOBER 10, 2011

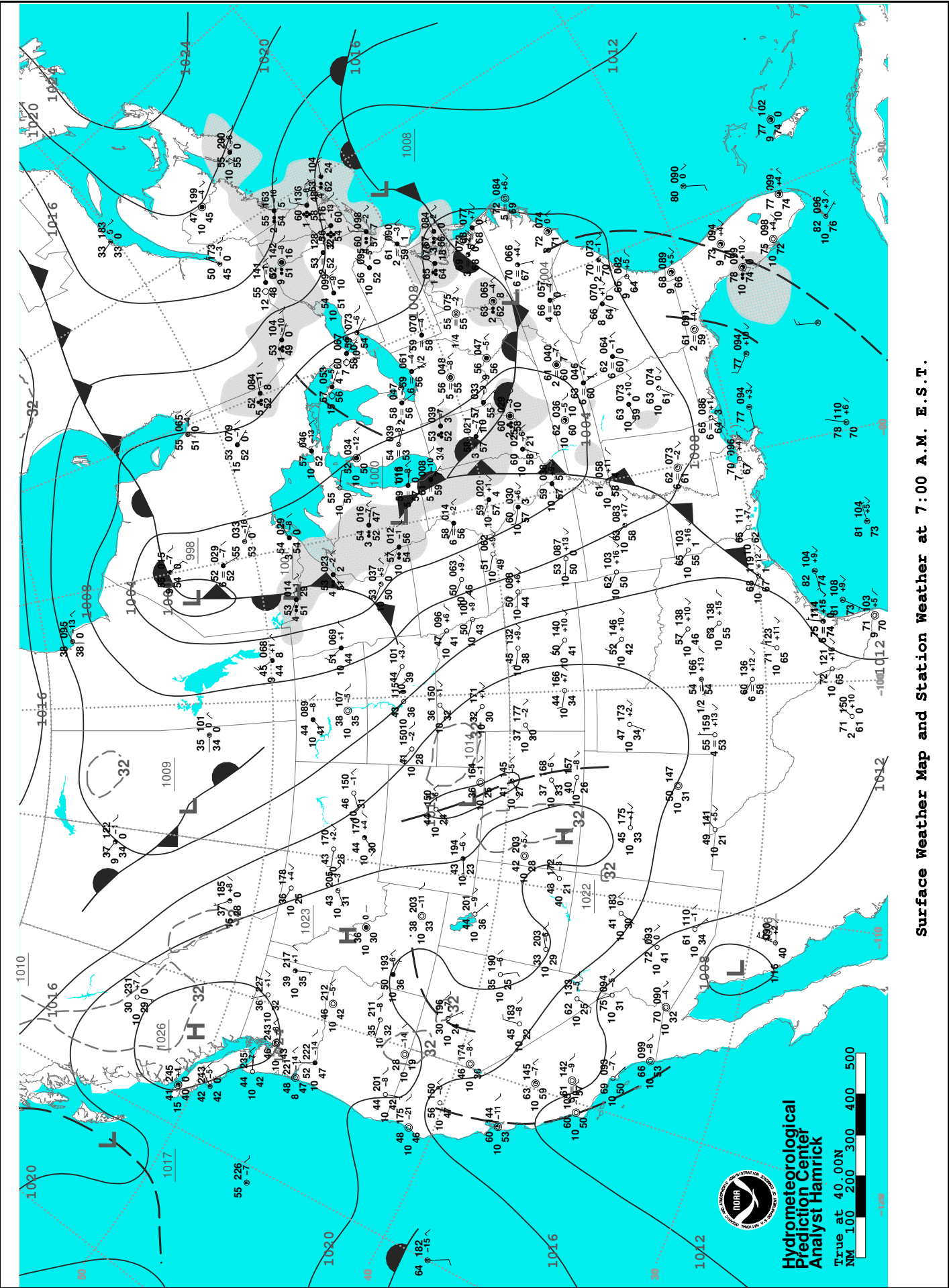




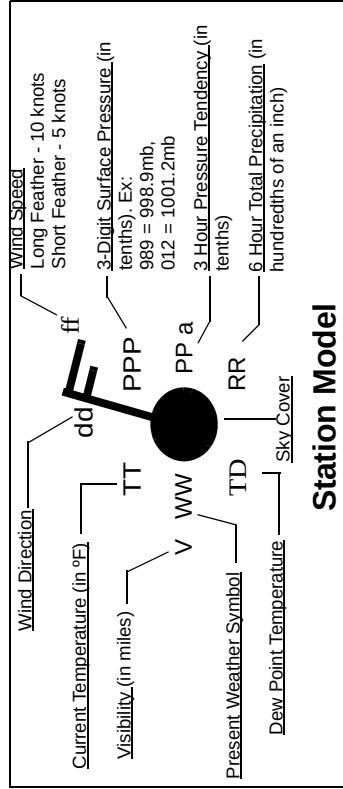
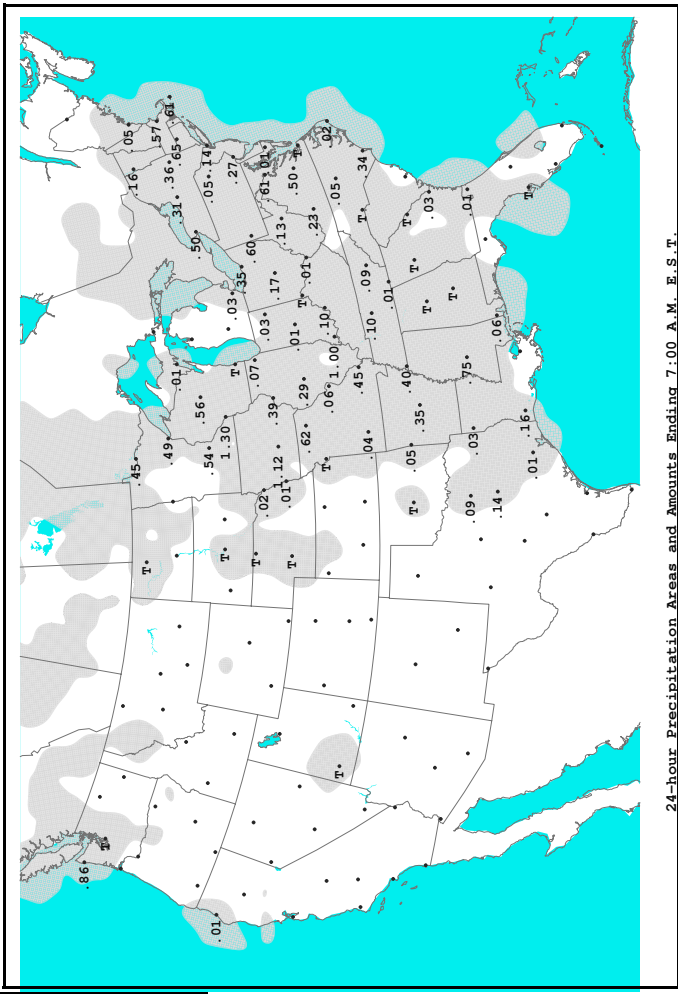
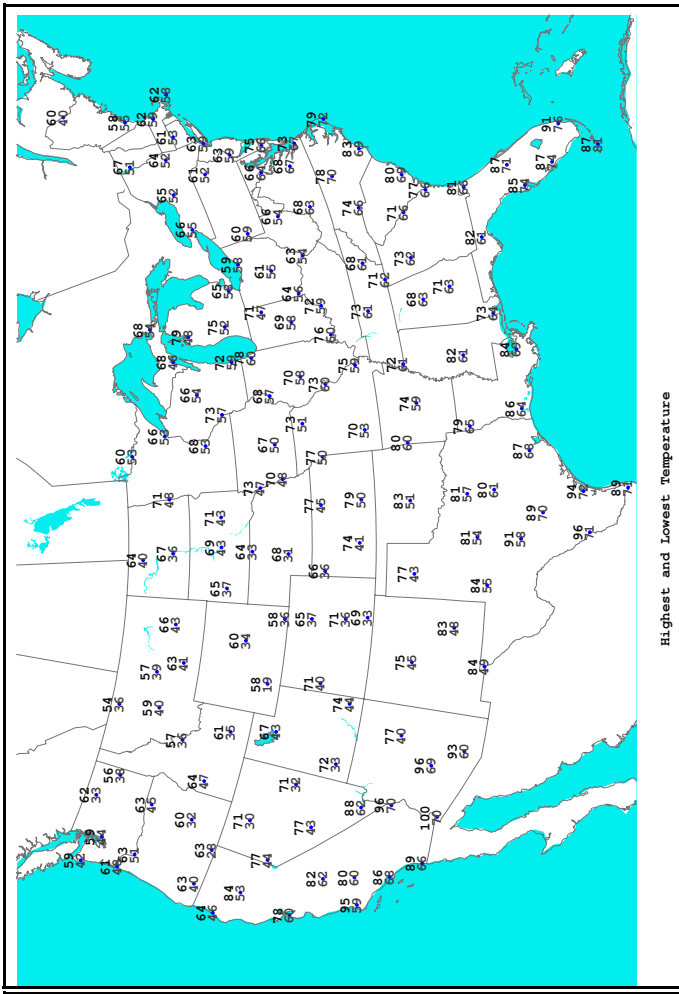
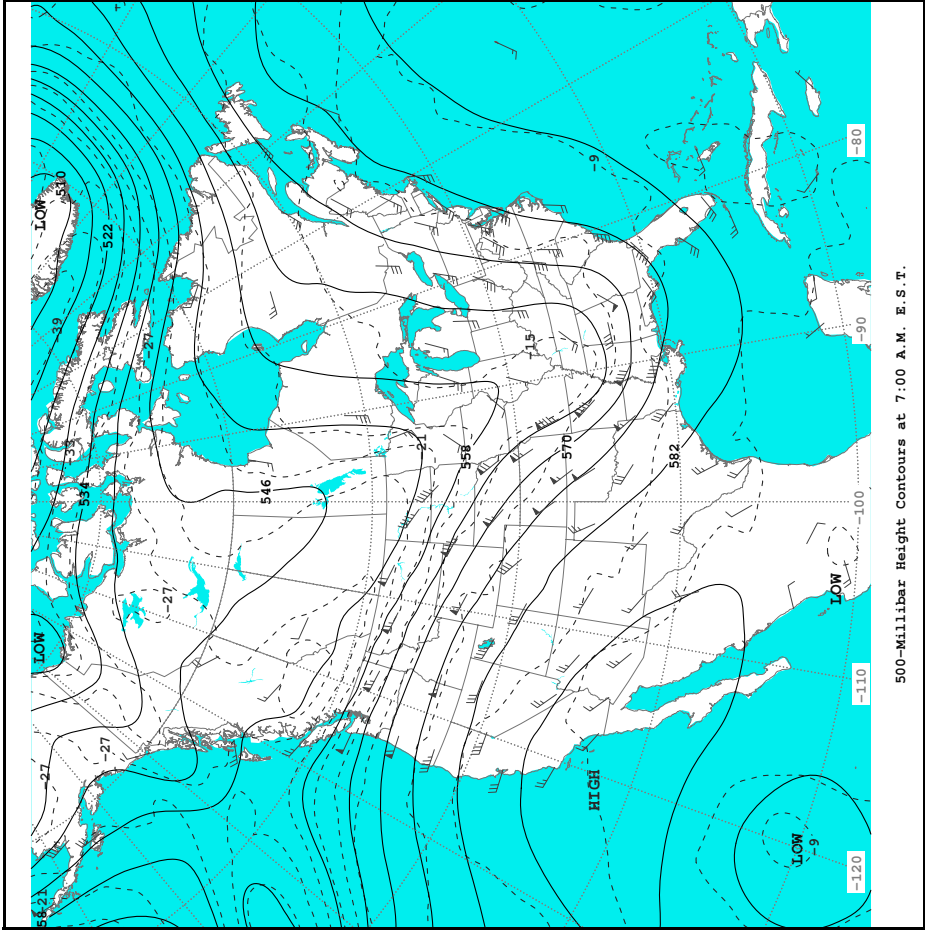




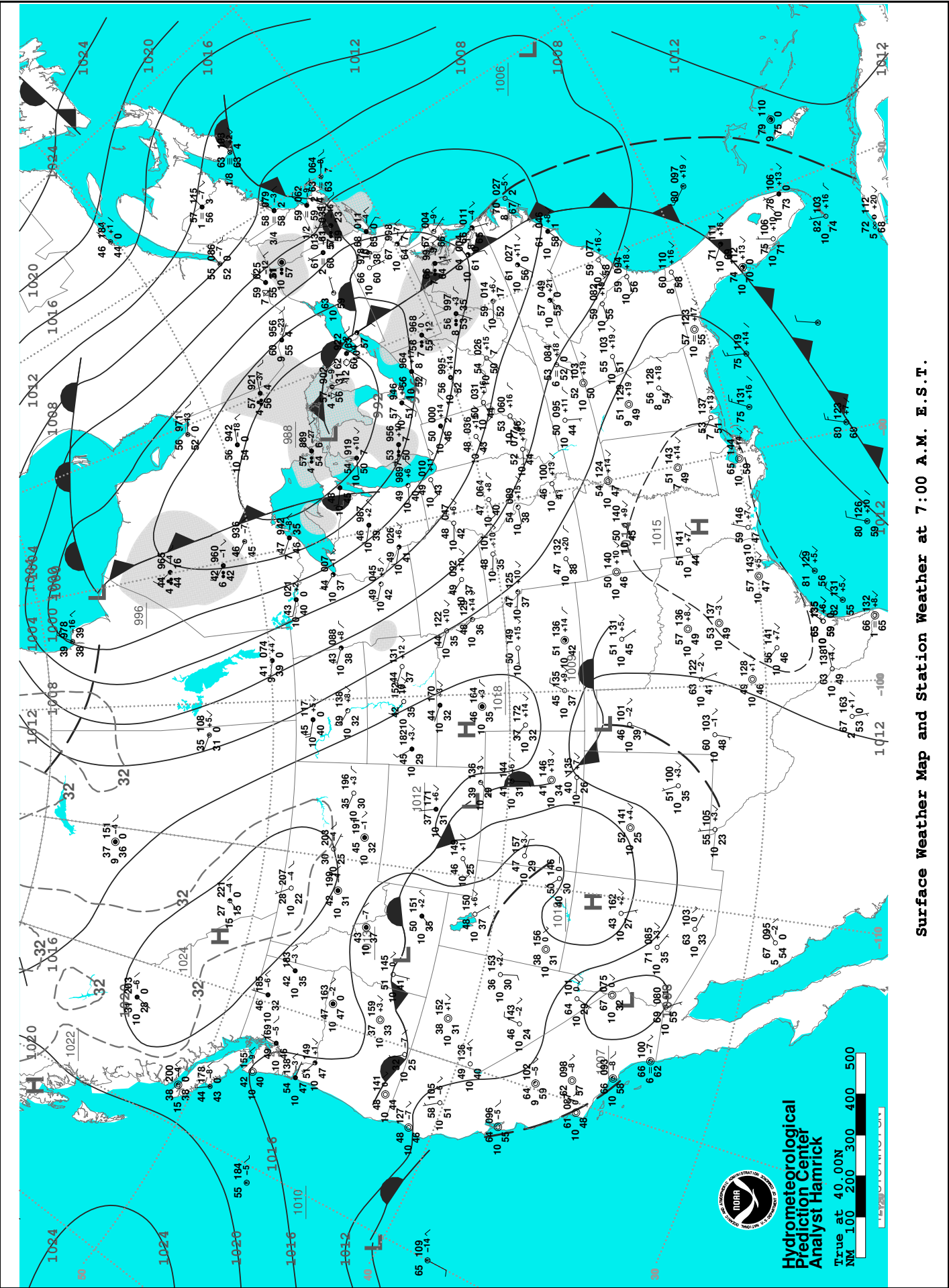
WEDNESDAY, OCTOBER 12, 2011



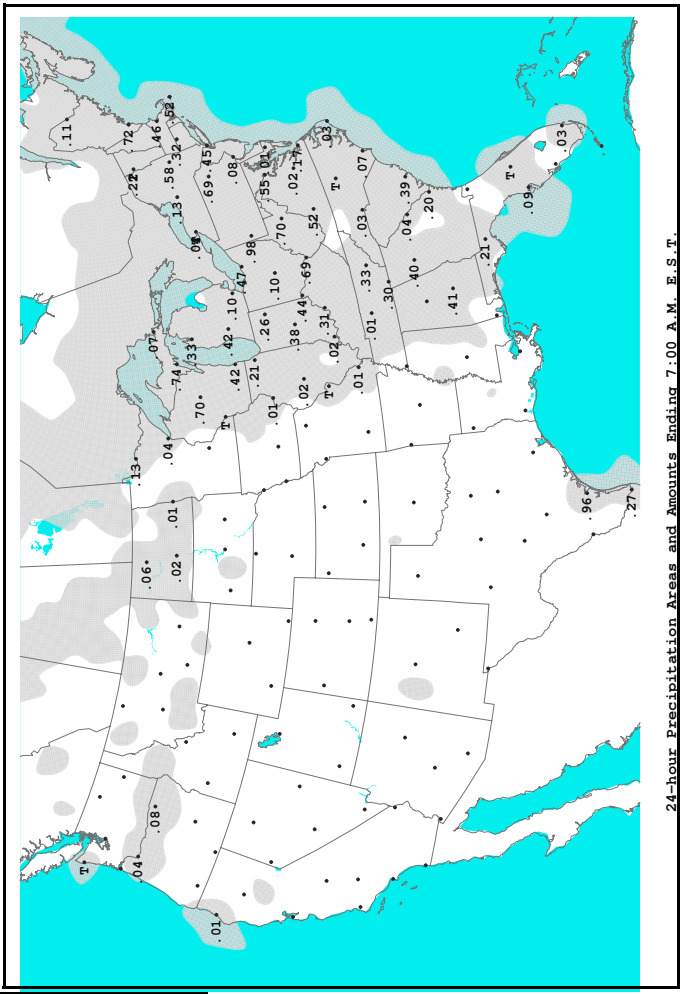
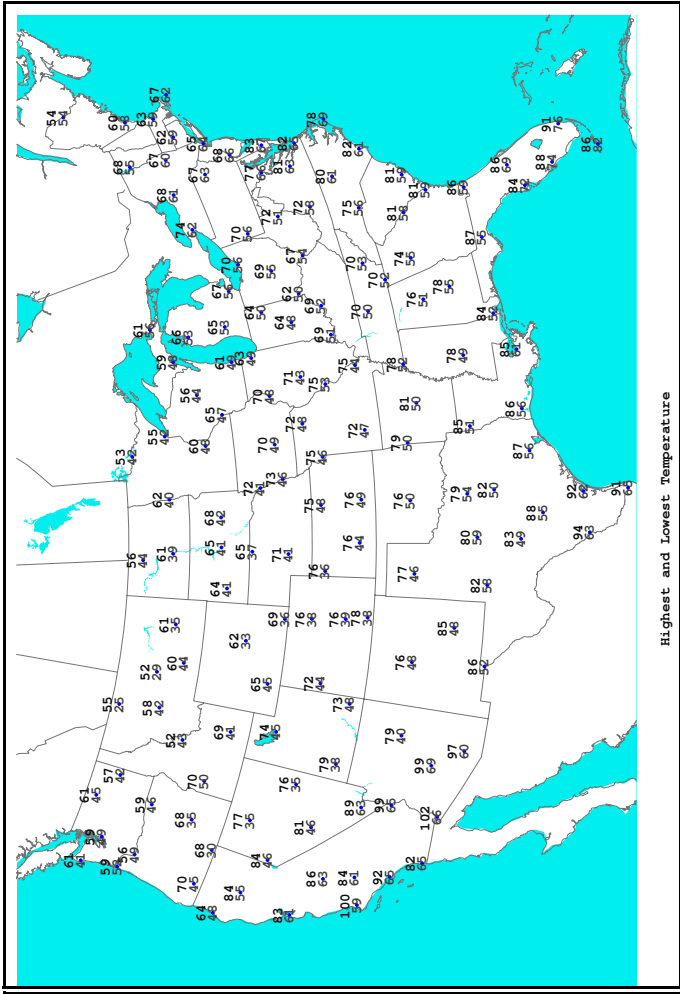
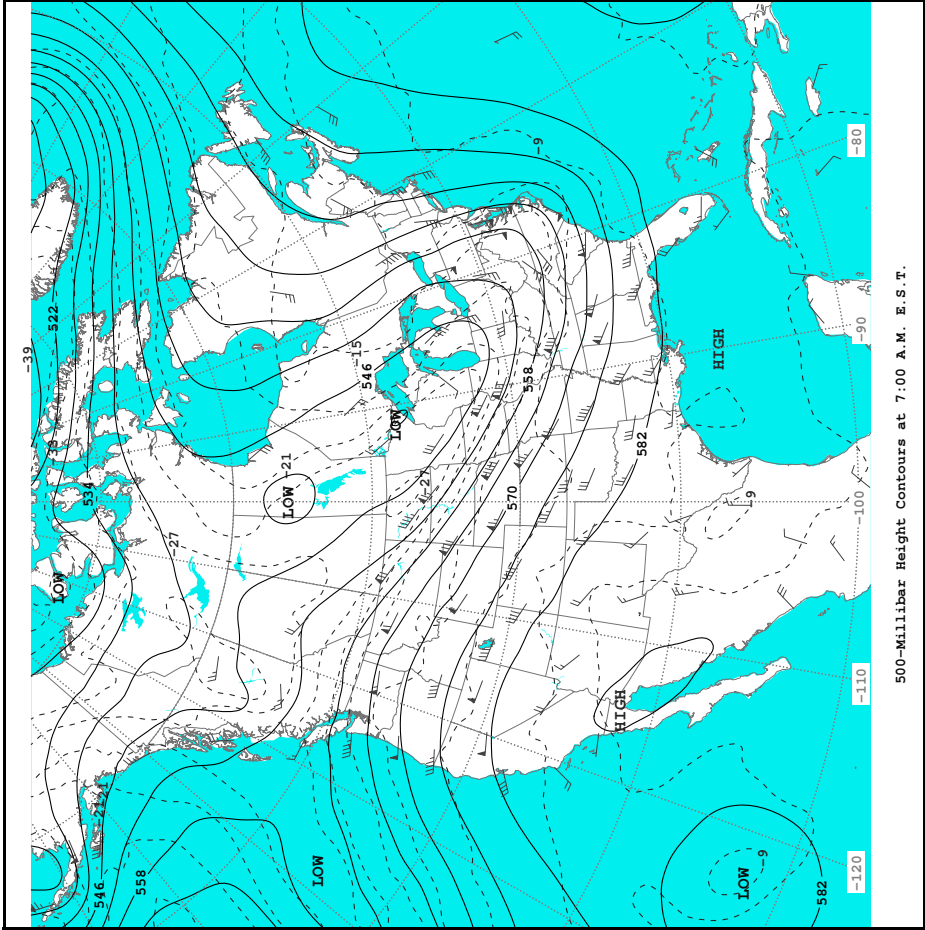
Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.



THURSDAY, OCTOBER 13, 2011



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



Wind Direction: **dd** Wind Speed: **ff**

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

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

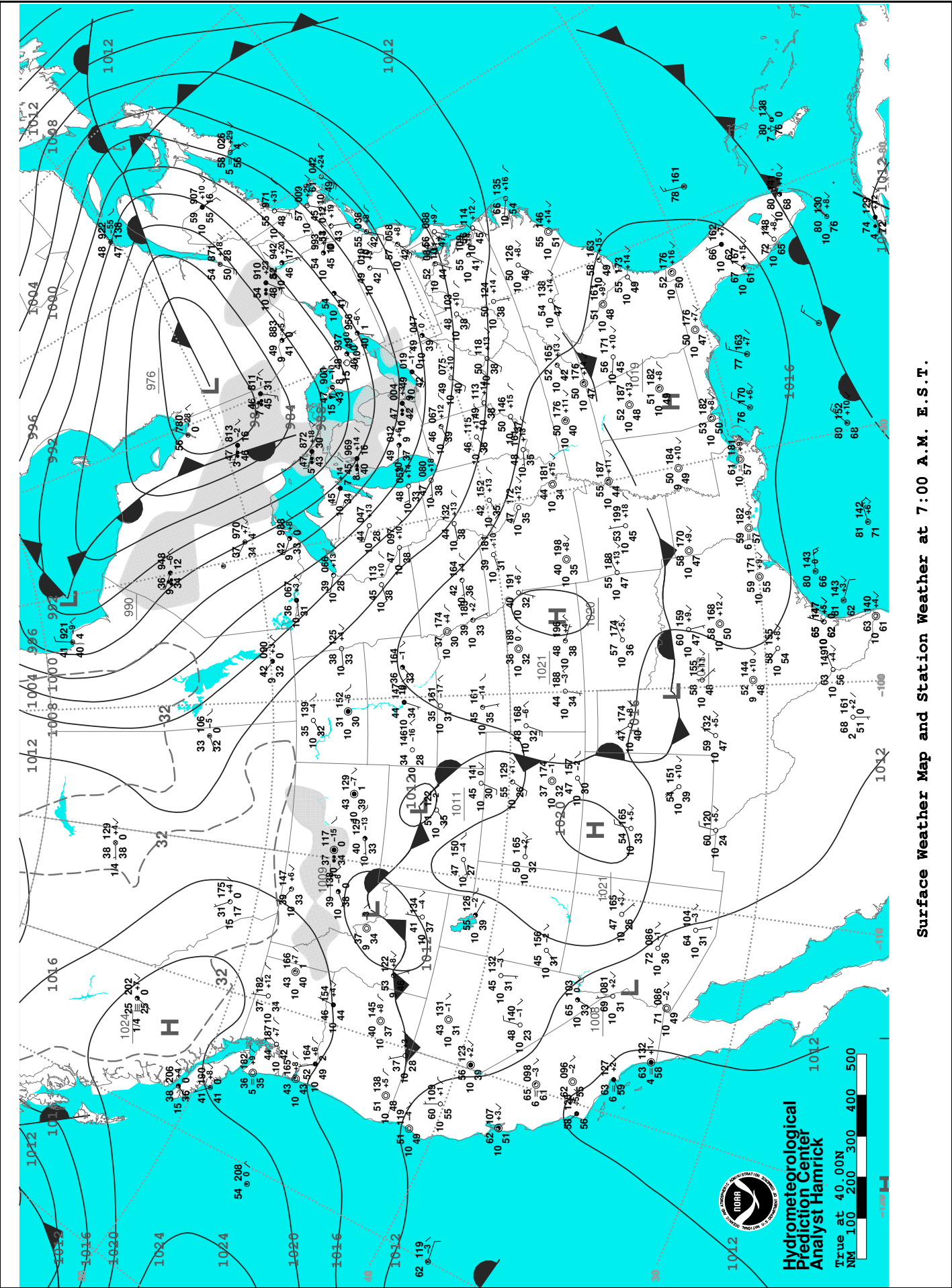
Present Weather Symbol: **PP** 3 Hour Pressure Tendency (in tenths): **PP a**

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

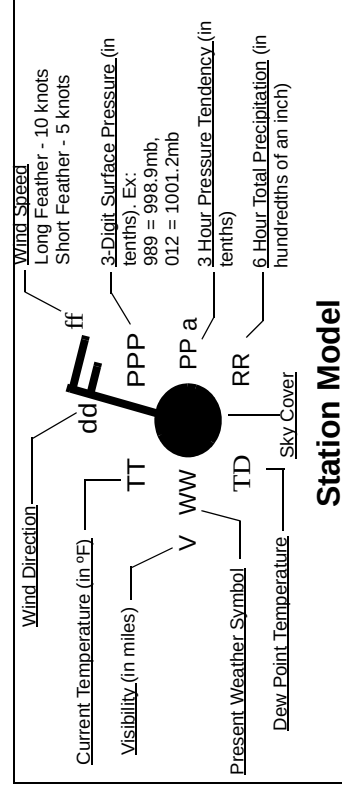
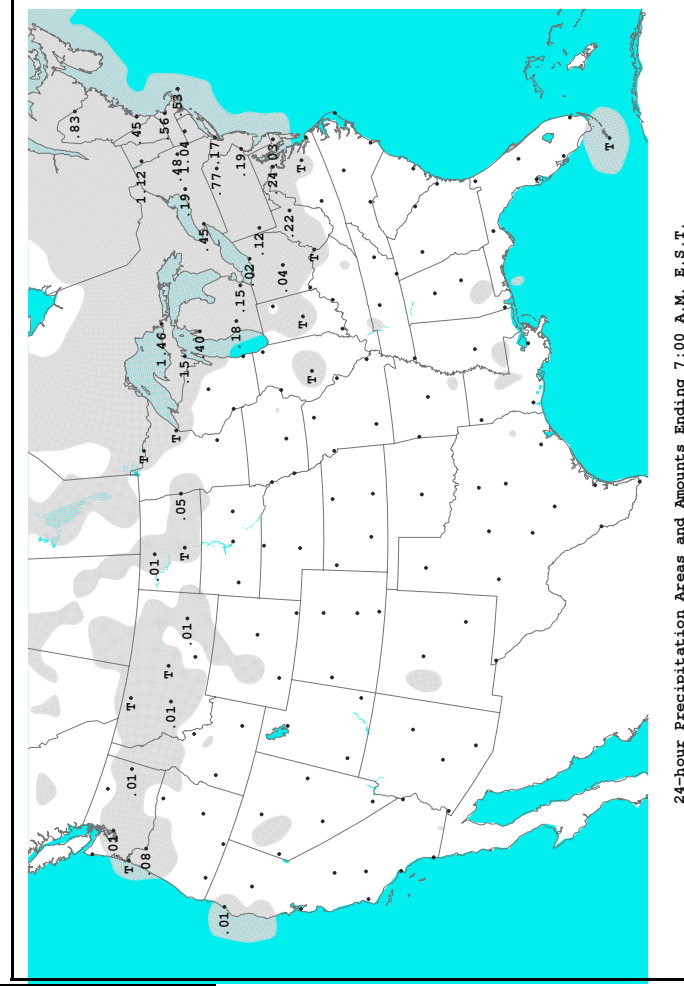
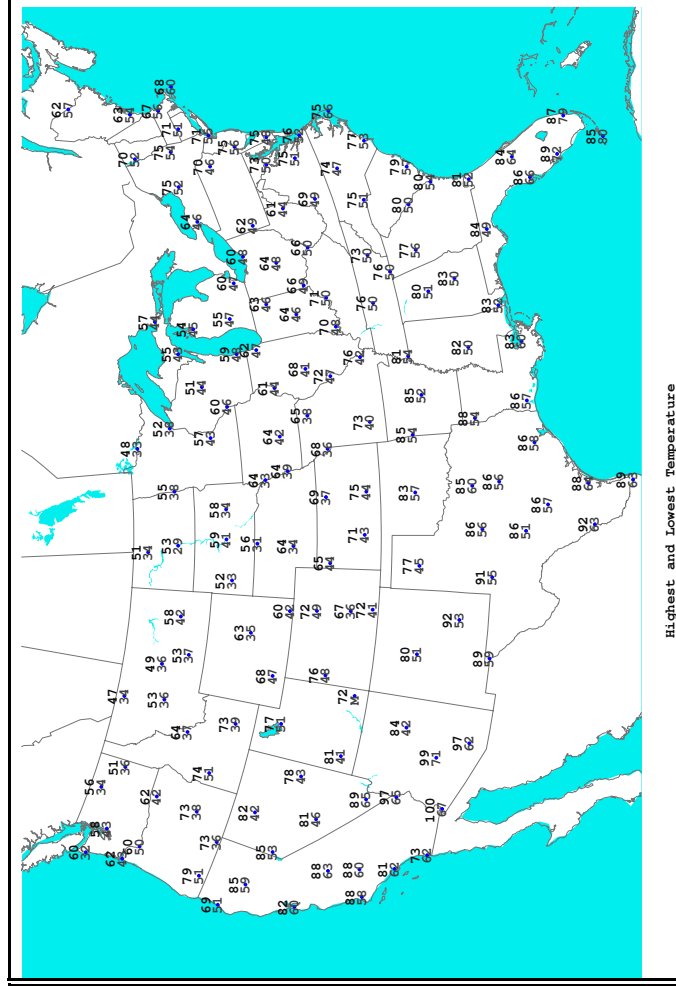
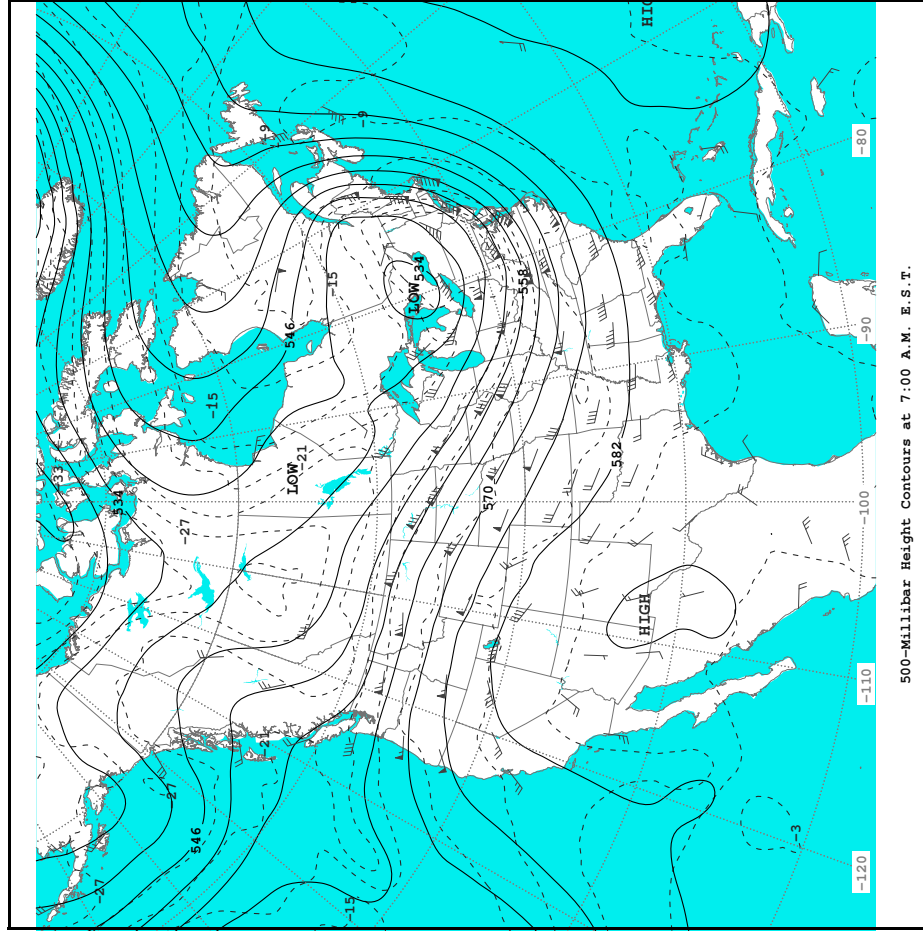
Sky Cover: **RR**

Station Model

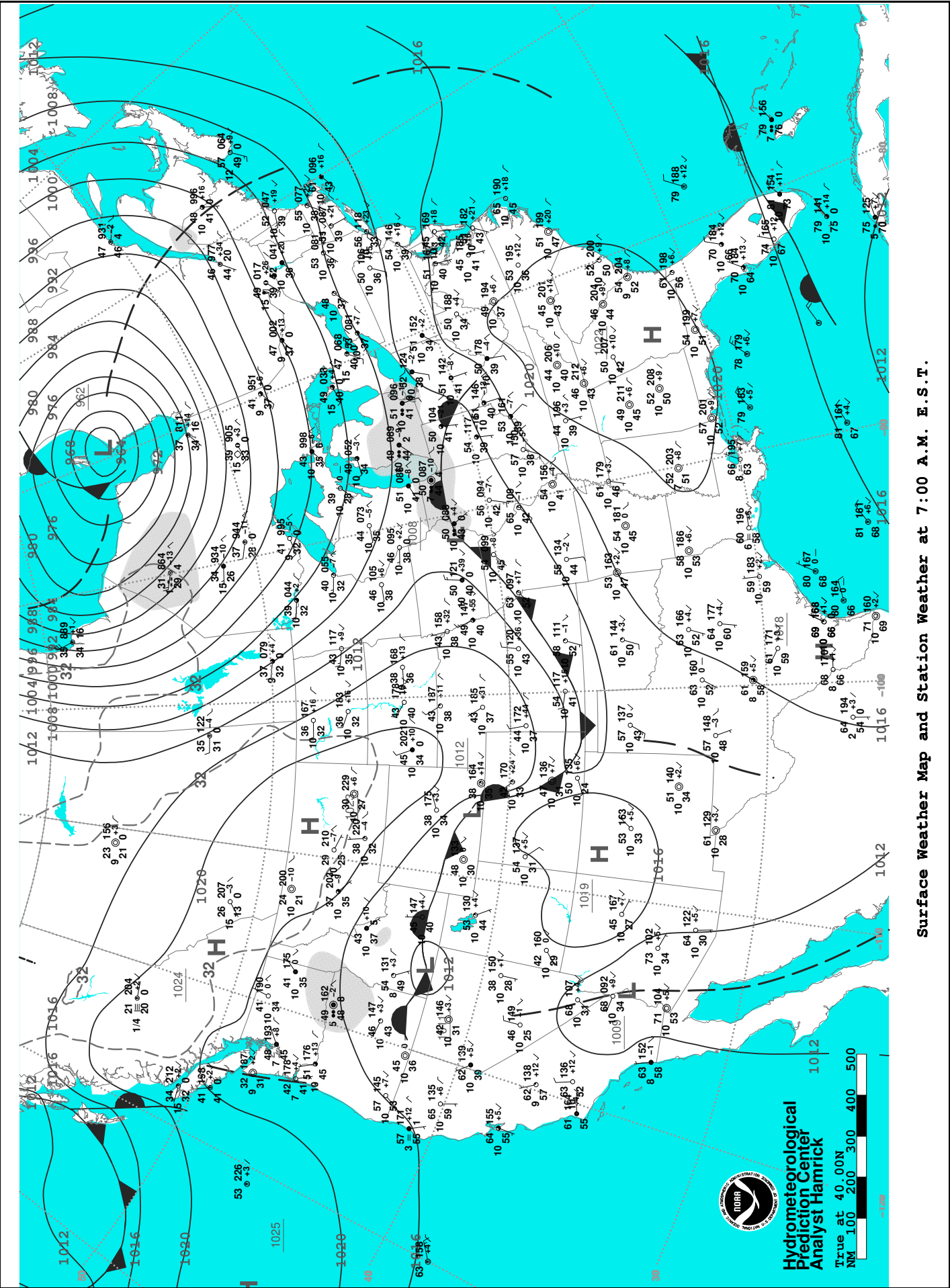
FRIDAY, OCTOBER 14, 2011



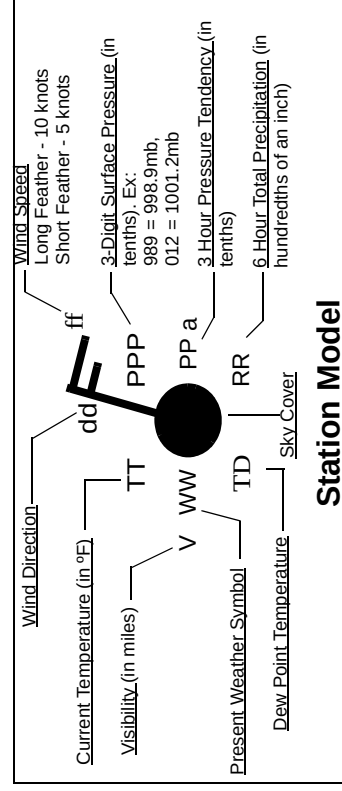
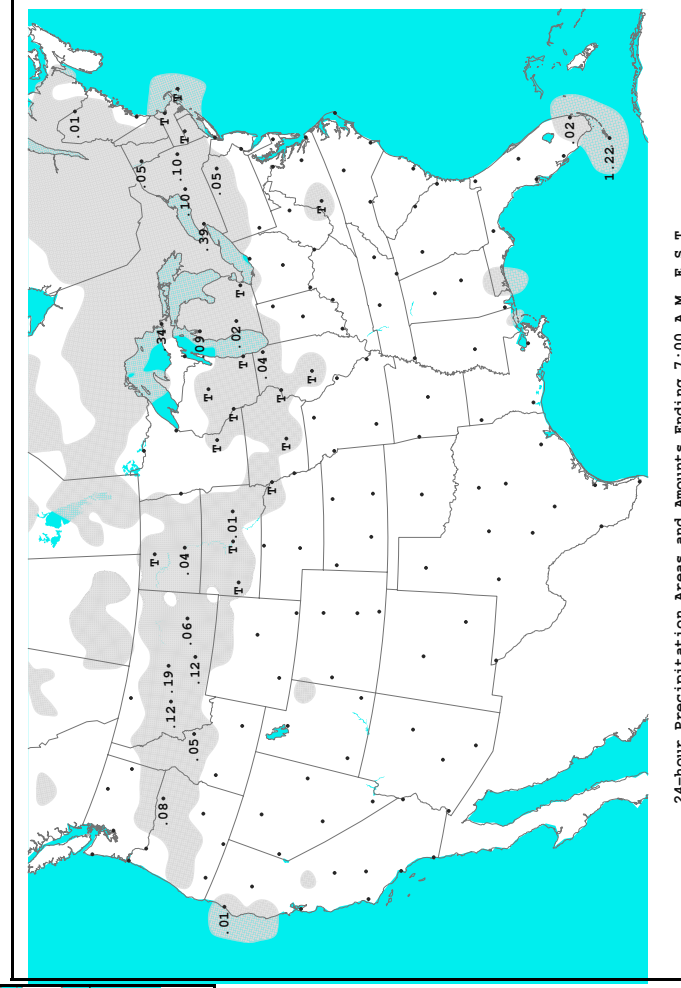
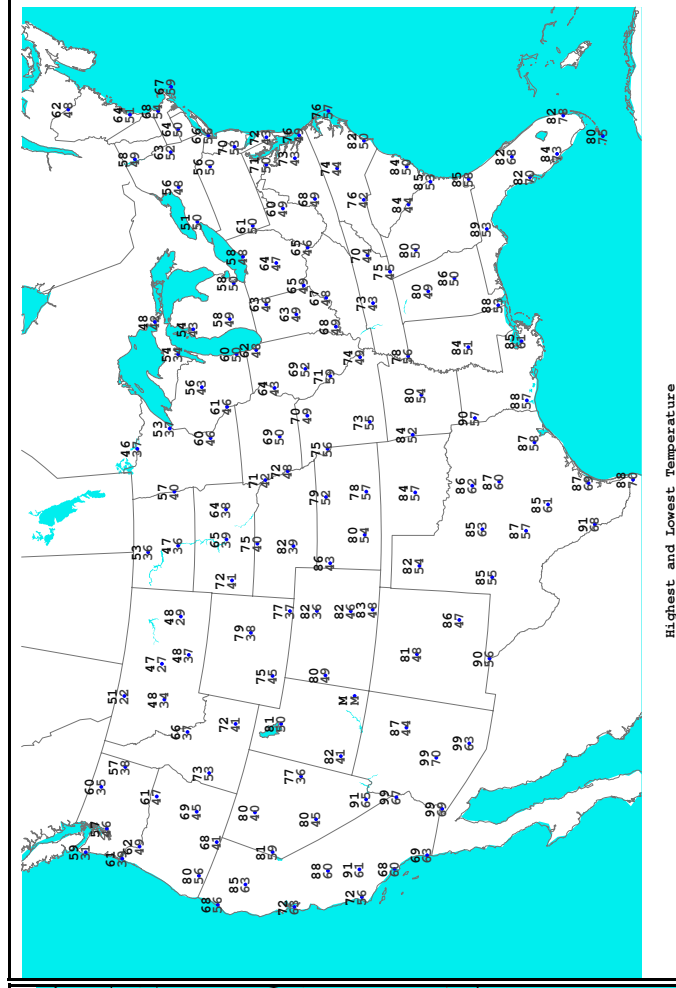
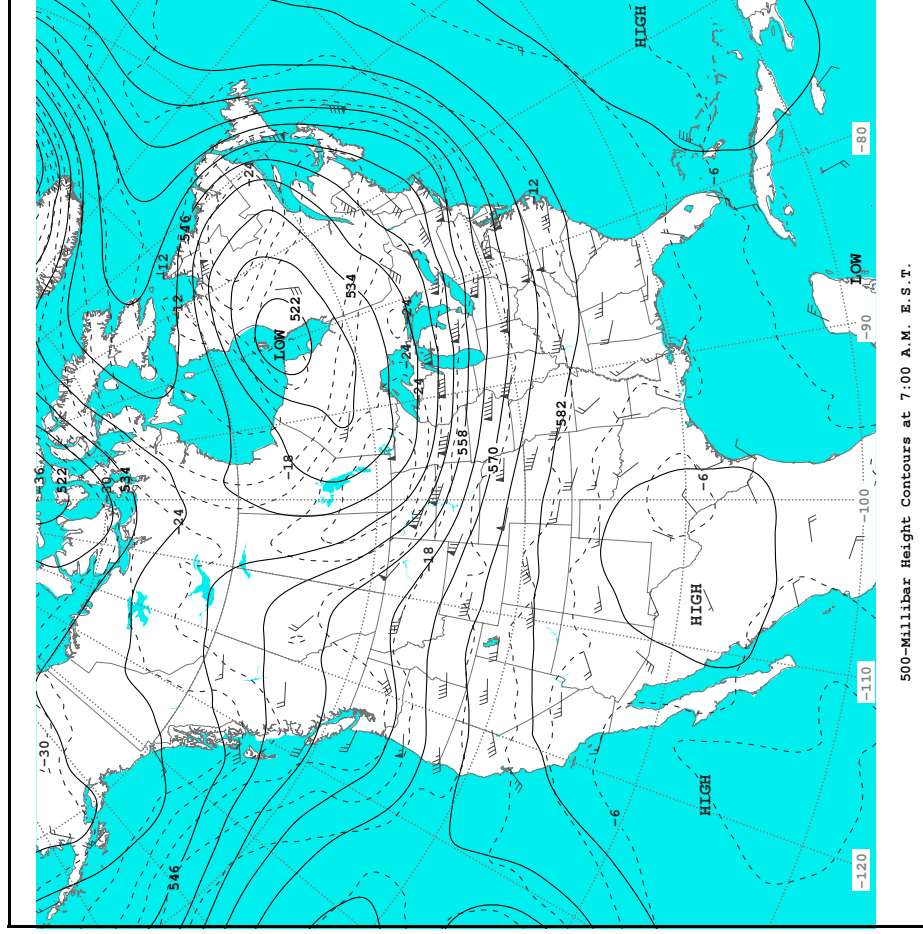
Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.



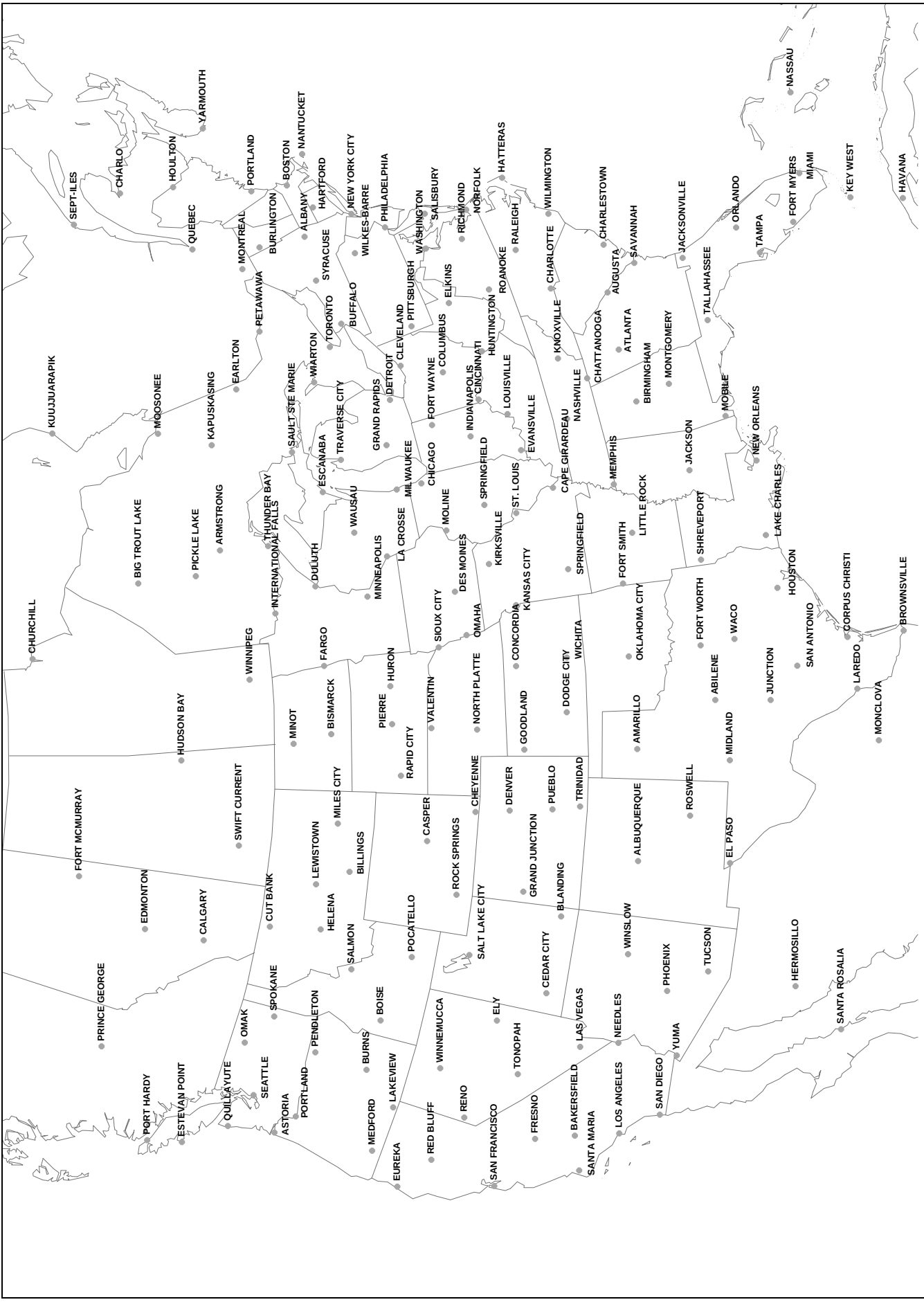
SATURDAY, OCTOBER 15, 2011



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



SUNDAY, OCTOBER 16, 2011



Daily Weather Map Station Names and Locations