



Daily Weather Maps

JULY 12, 2010 - JULY 18, 2010

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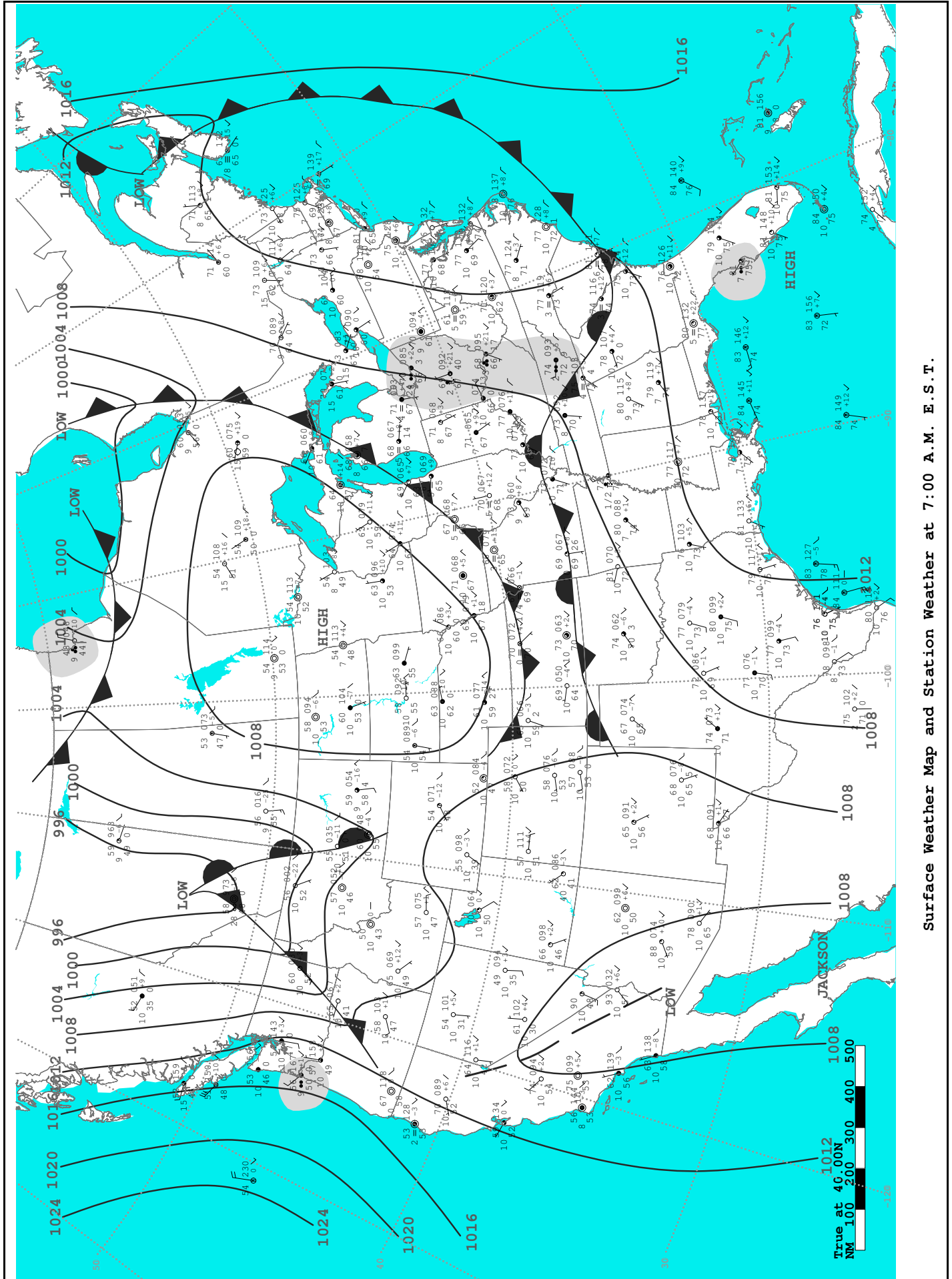
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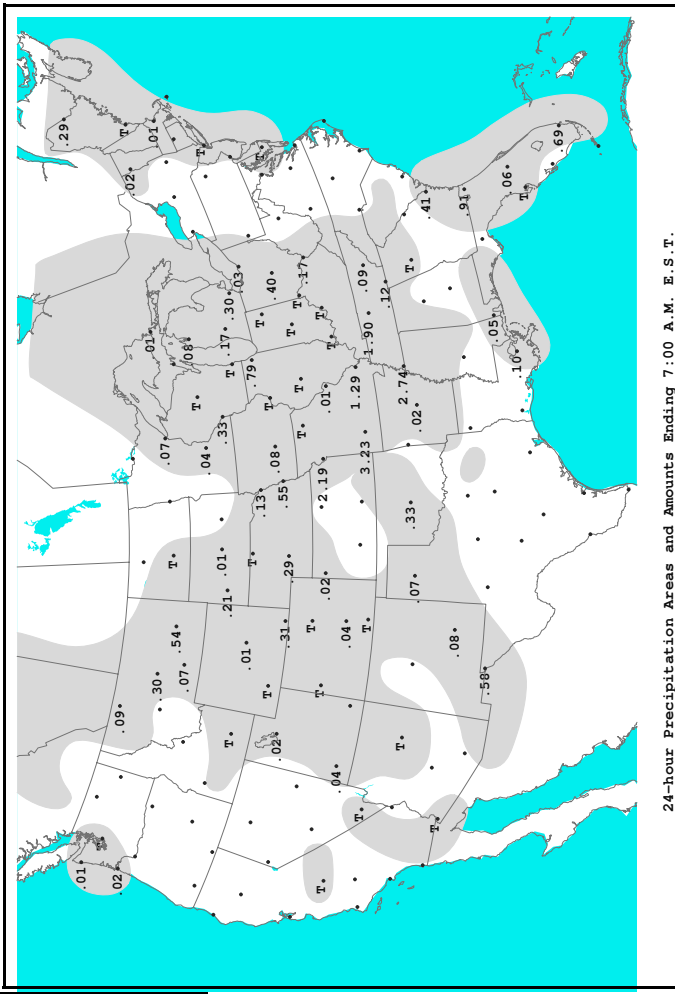
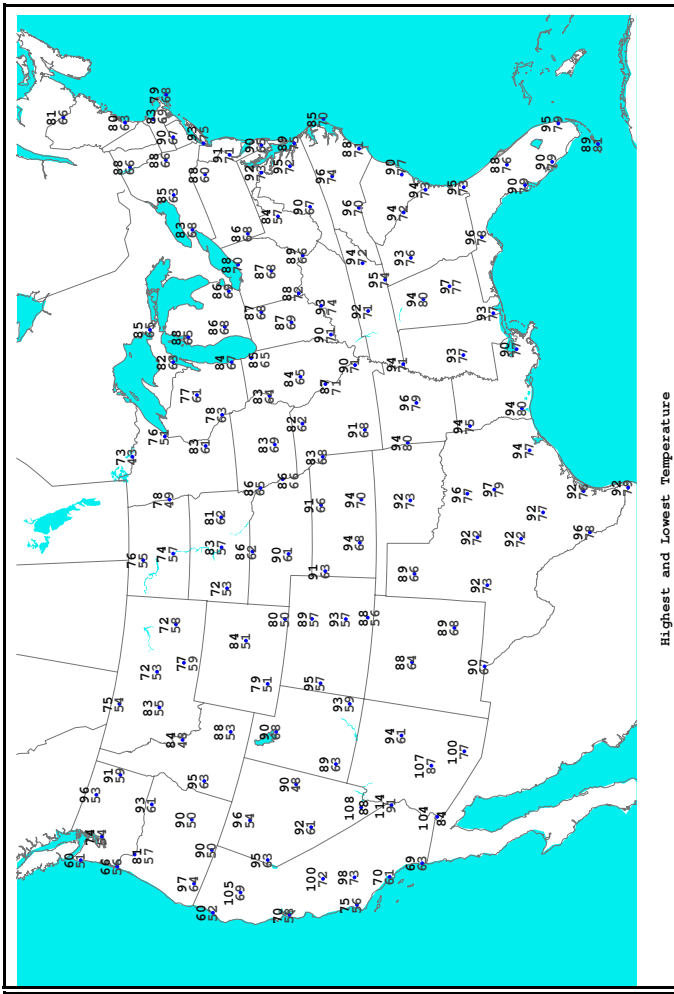
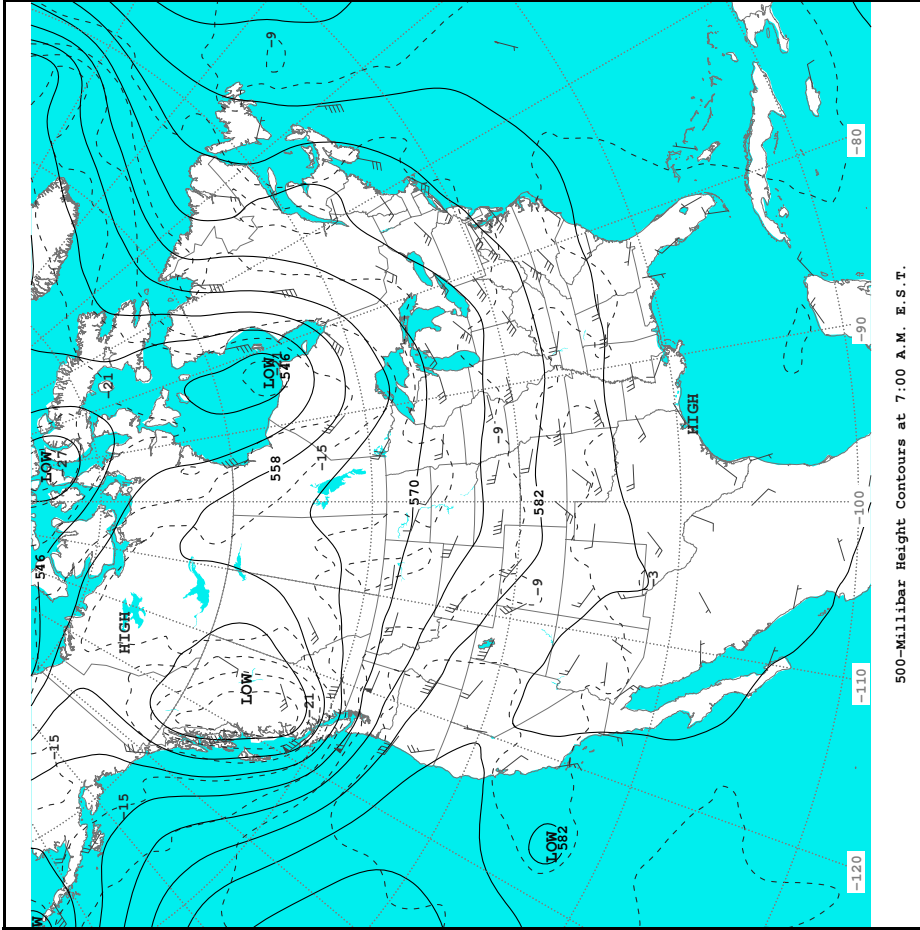
Correspondence to the meteorologists should be directed to: ***Daily Weather Map*, NOAA/National Weather Service, Room 410, 5200 Auth Rd, Camp Springs, MD 20746.**

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

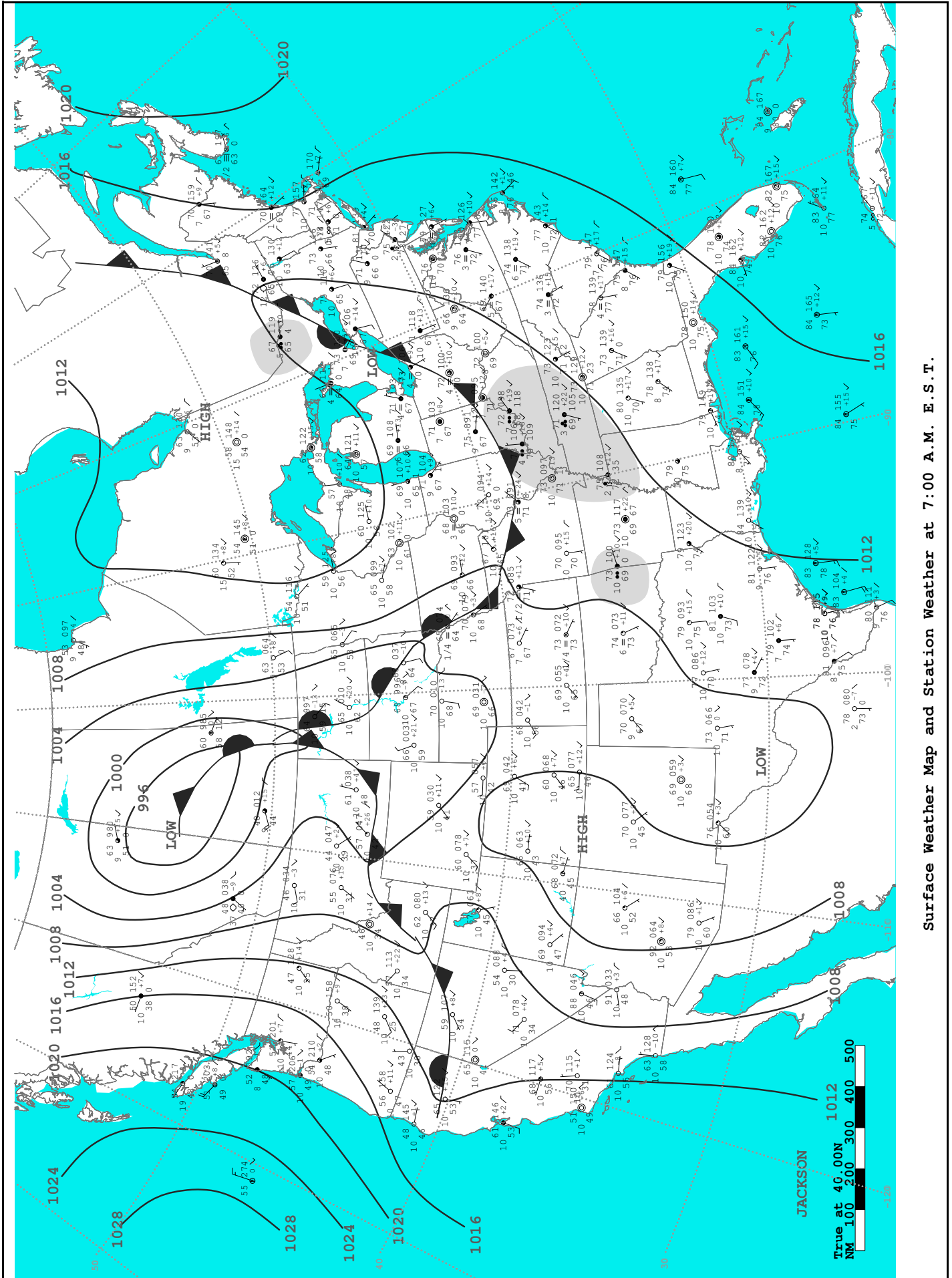


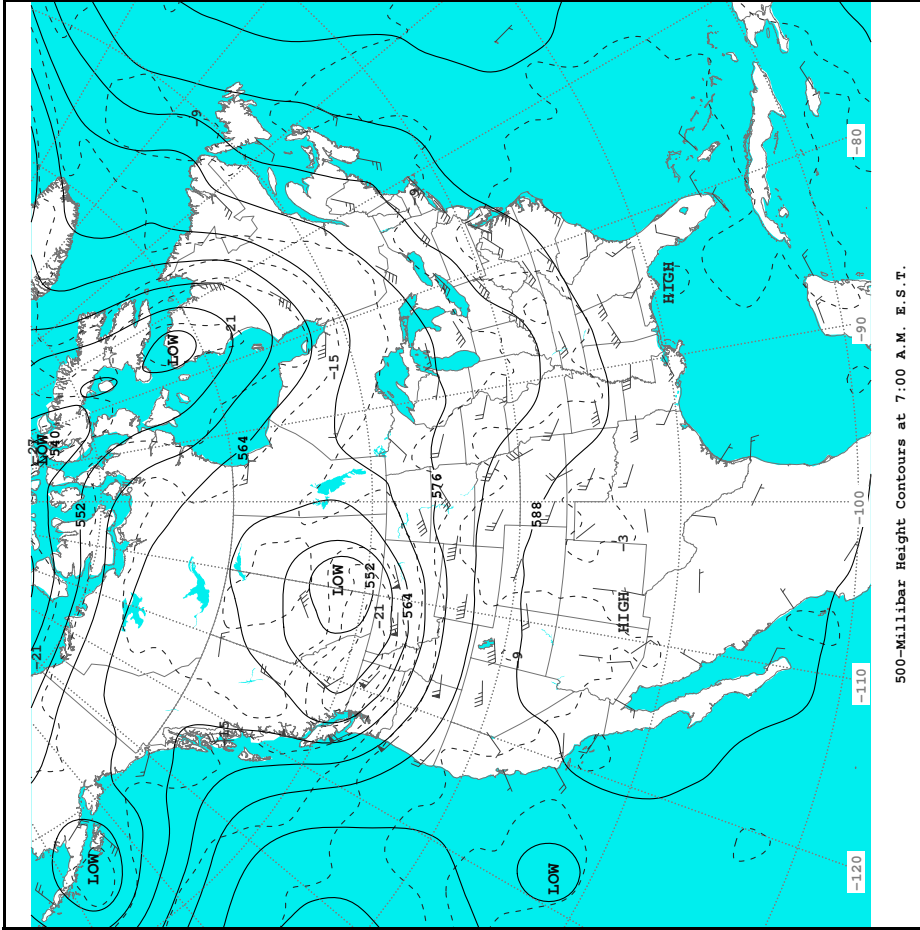
Station Model

The station model diagram consists of several key elements:

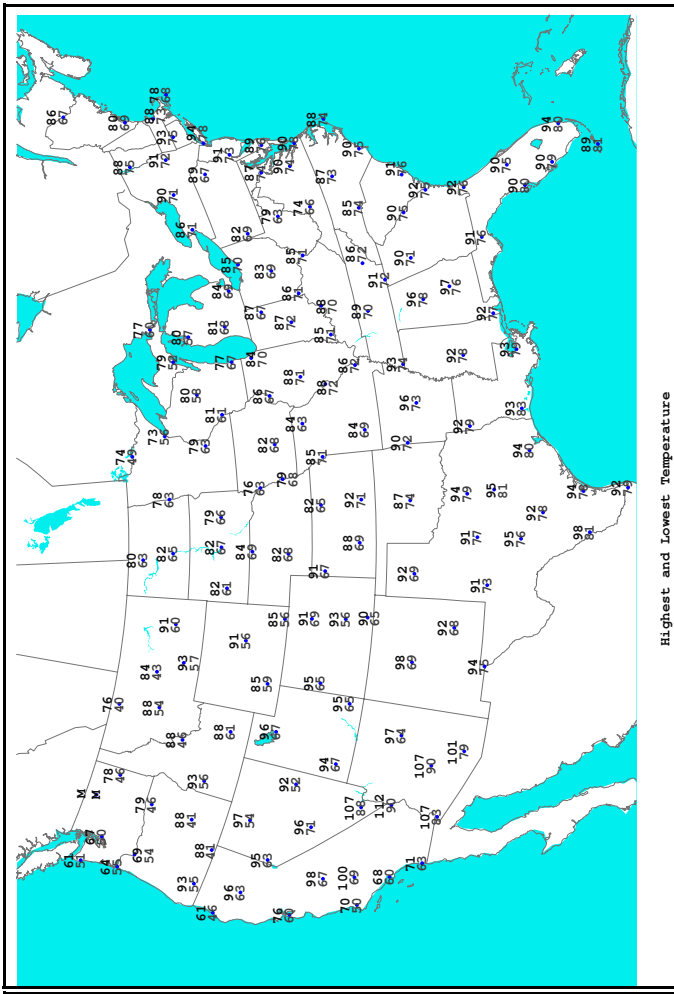
- Wind Direction:** Indicated by a long feather (10 knots) and a short feather (5 knots).
- Current Temperature (in °F):** Represented by the number 'dd'.
- Visibility (in miles):** Represented by the number 'V'.
- Present Weather Symbol:** Represented by the symbol 'PP'.
- Dew Point Temperature:** Represented by the number 'TT'.
- 3-Digit Surface Pressure (in tenths):** Represented by the number 'PPP'.
- 3 Hour Pressure Tendency (in tenths):** Represented by the number 'PP a'.
- 6 Hour Total Precipitation (in hundredths of an inch):** Represented by the number 'RR'.
- Sky Cover:** Represented by a circle with a horizontal line through it.

MONDAY, JULY 12, 2010

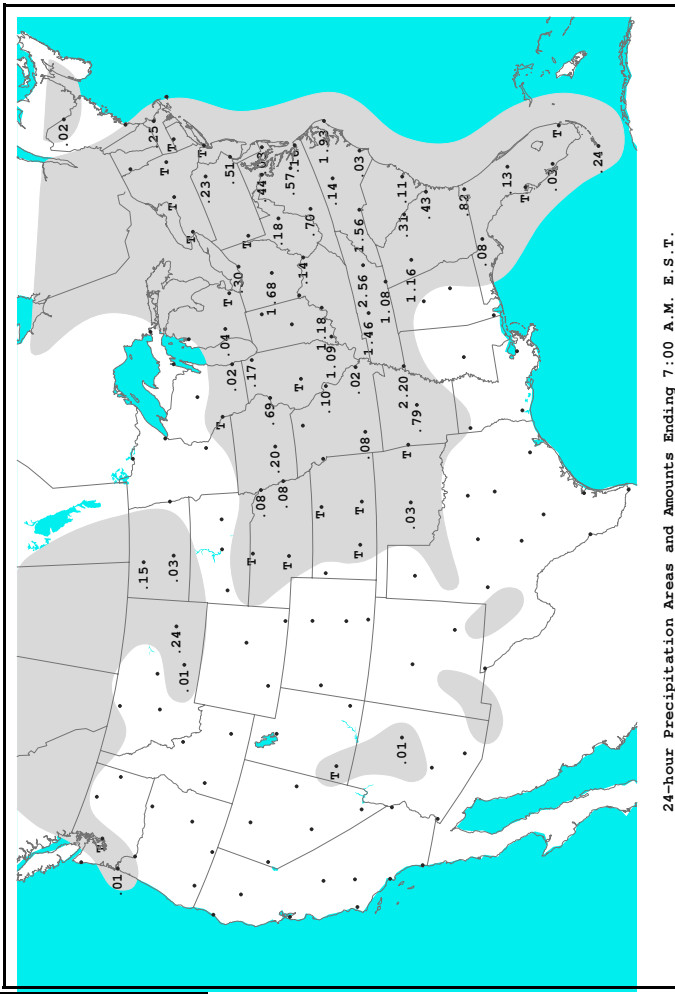




500-Millibar Height Contours at 7:00 A.M. E.S.T.



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

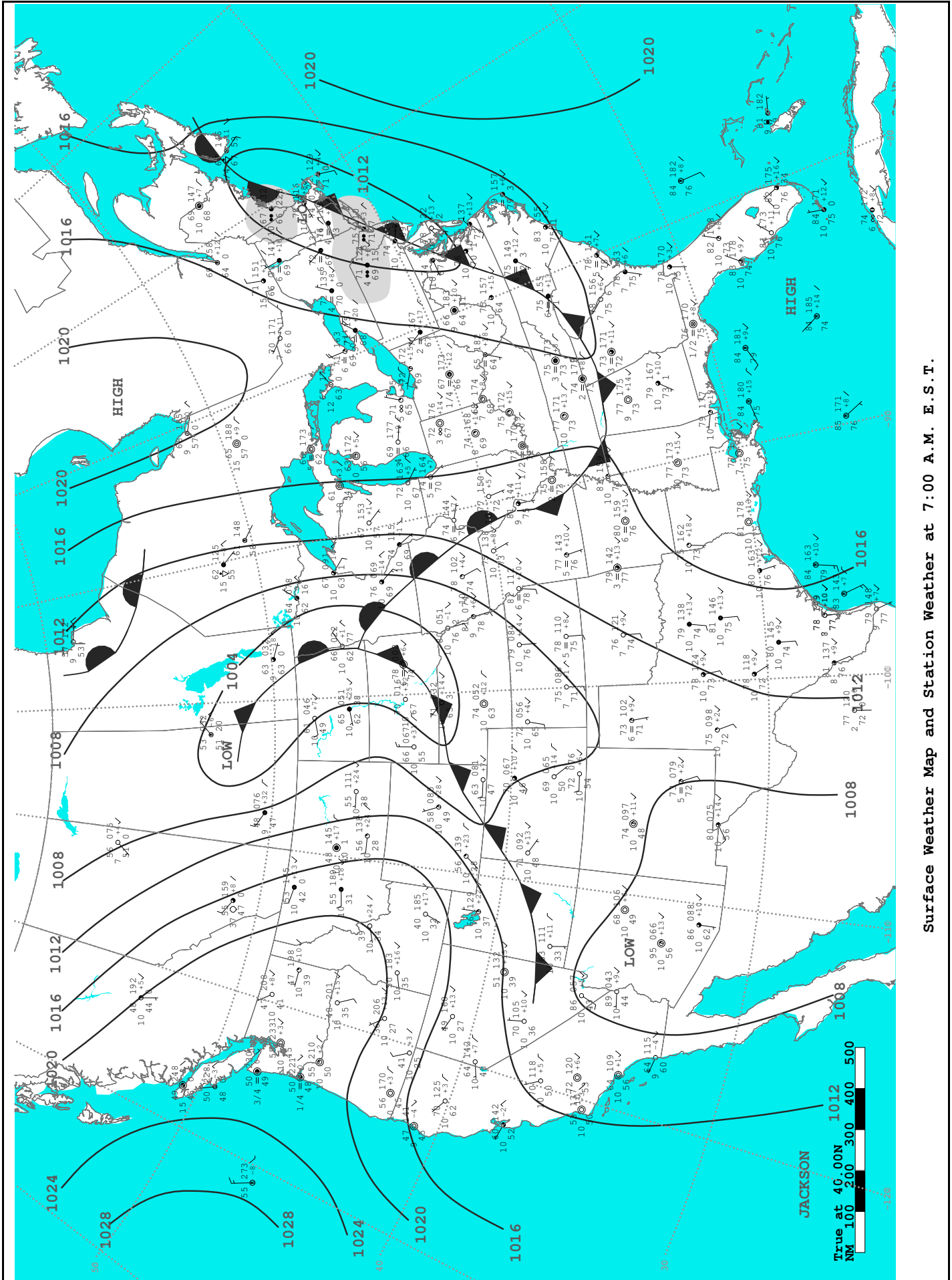
Current Temperature (in °F): Current Temperature (in °C):

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

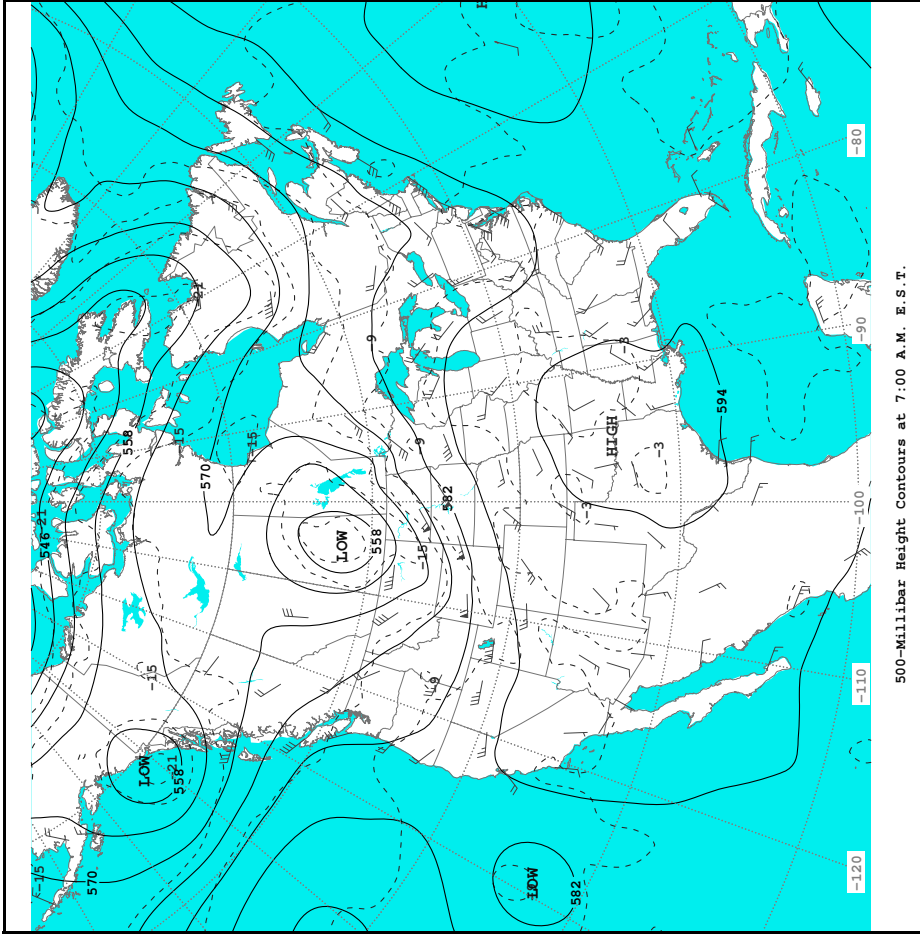
Present Weather Symbol: 3 Hour Pressure Tendency (in tenths): 6 Hour Total Precipitation (in hundredths of an inch):

Dew Point Temperature: Sky Cover:

TUESDAY, JULY 13, 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.

Station Model

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

Current Temperature (in °F) dd

Visibility (in miles) V

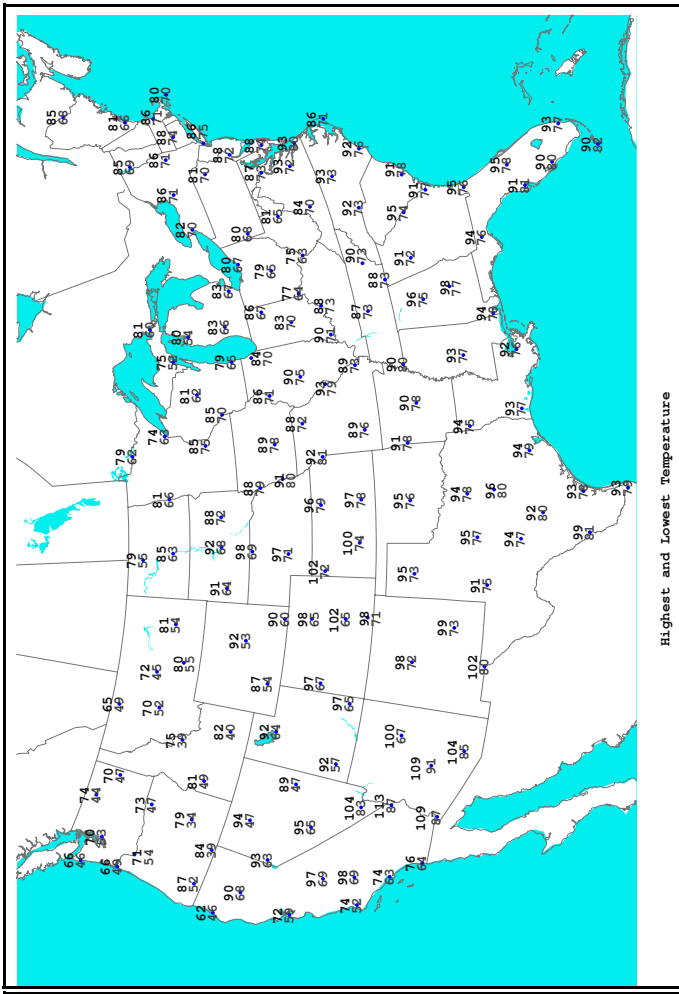
Present Weather Symbol

Dew Point Temperature Sky_Cover

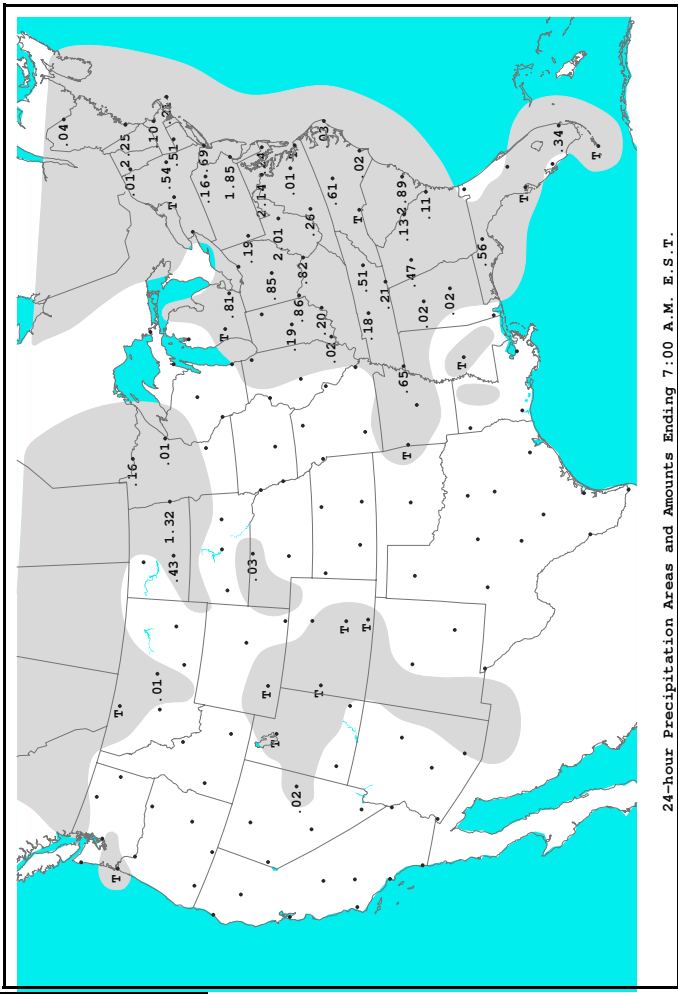
3-Digit Surface Pressure (in tenths), Ex: 989 = 998.9mb, 012 = 1001.2mb

3 Hour Pressure Tendency (in tenths) PP a

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

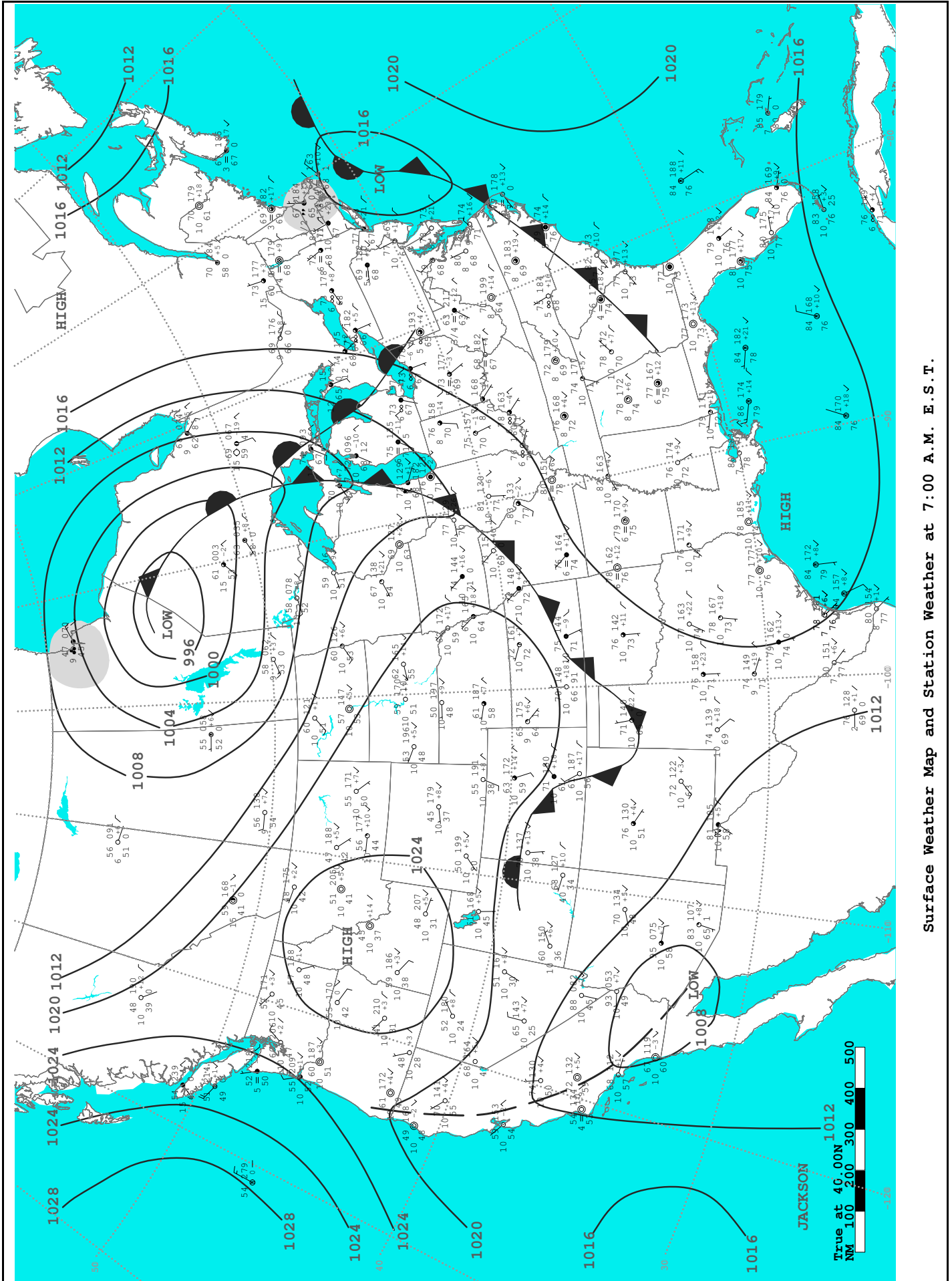


Highest and Lowest Temperature

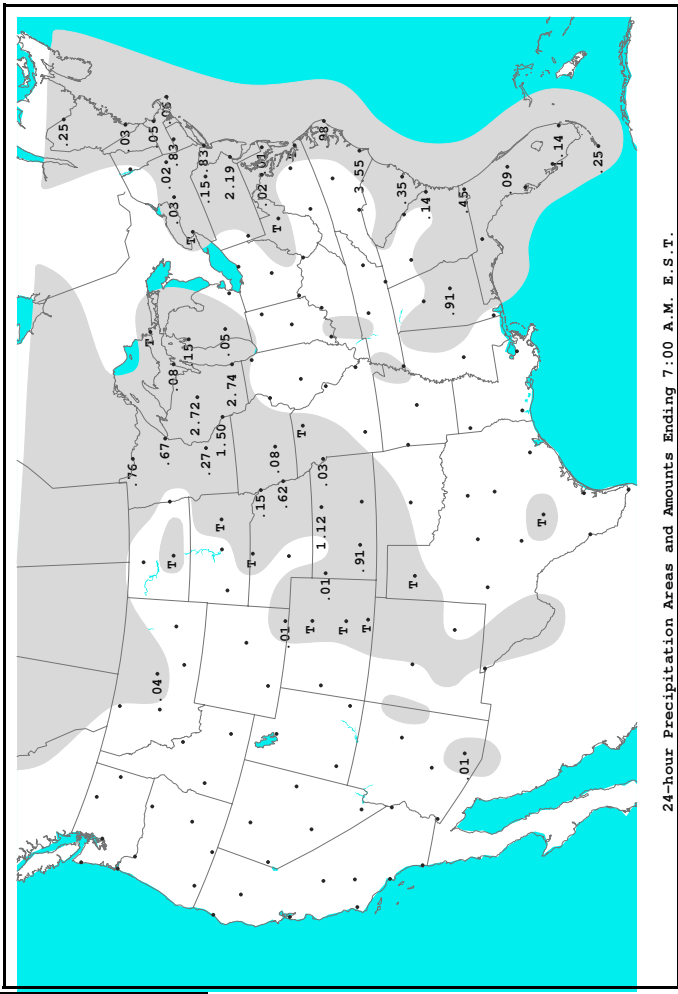
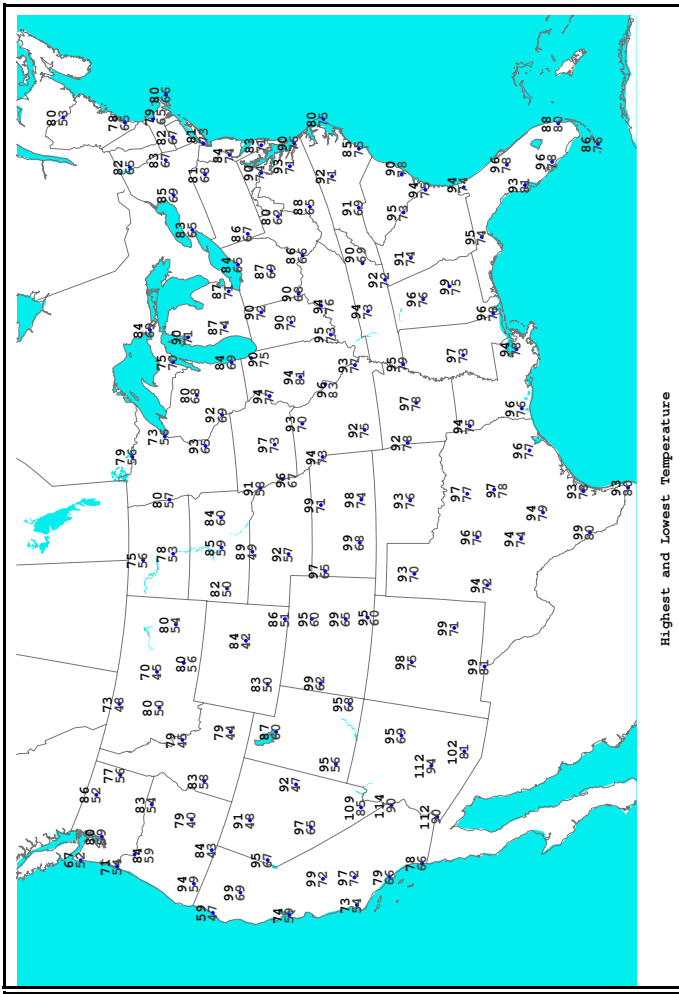
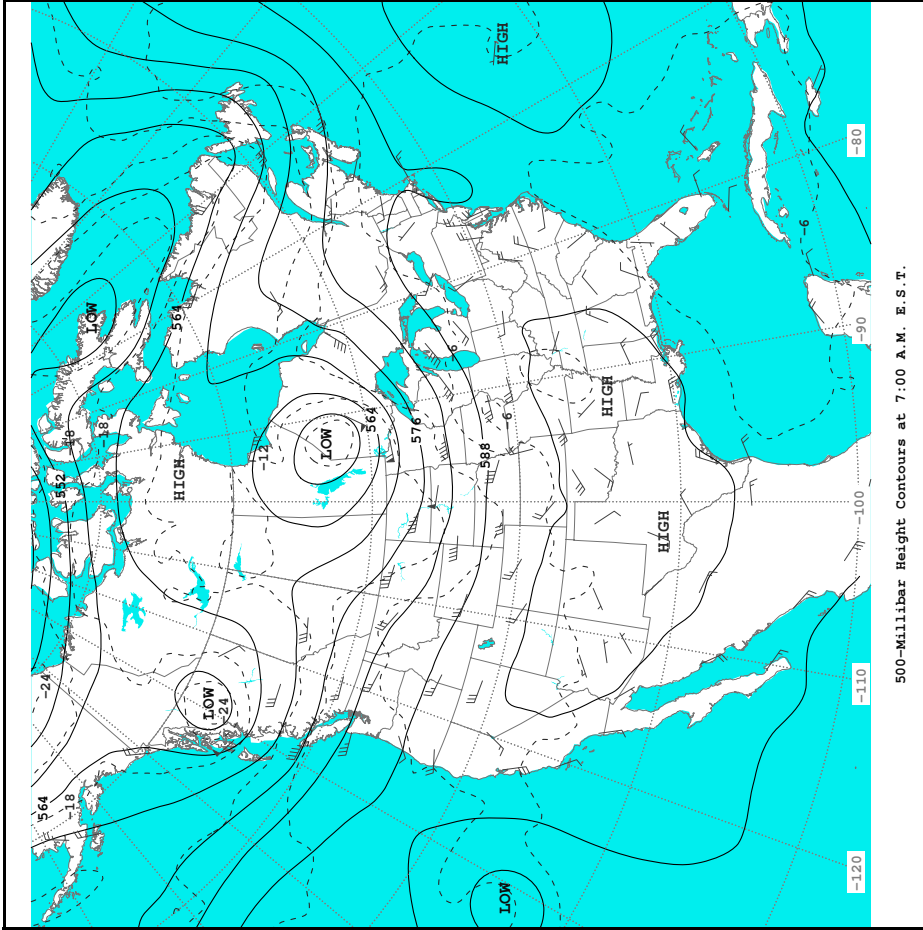


24-hour Precipitation Areas and Amounts Ending 7:00 A.M. E.S.T.

WEDNESDAY, JULY 14, 2010



Surface Weather Map and Station Weather at 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** **WW**

Present Weather Symbol: **PP** **PP a**

Dew Point Temperature: **TT** **RR**

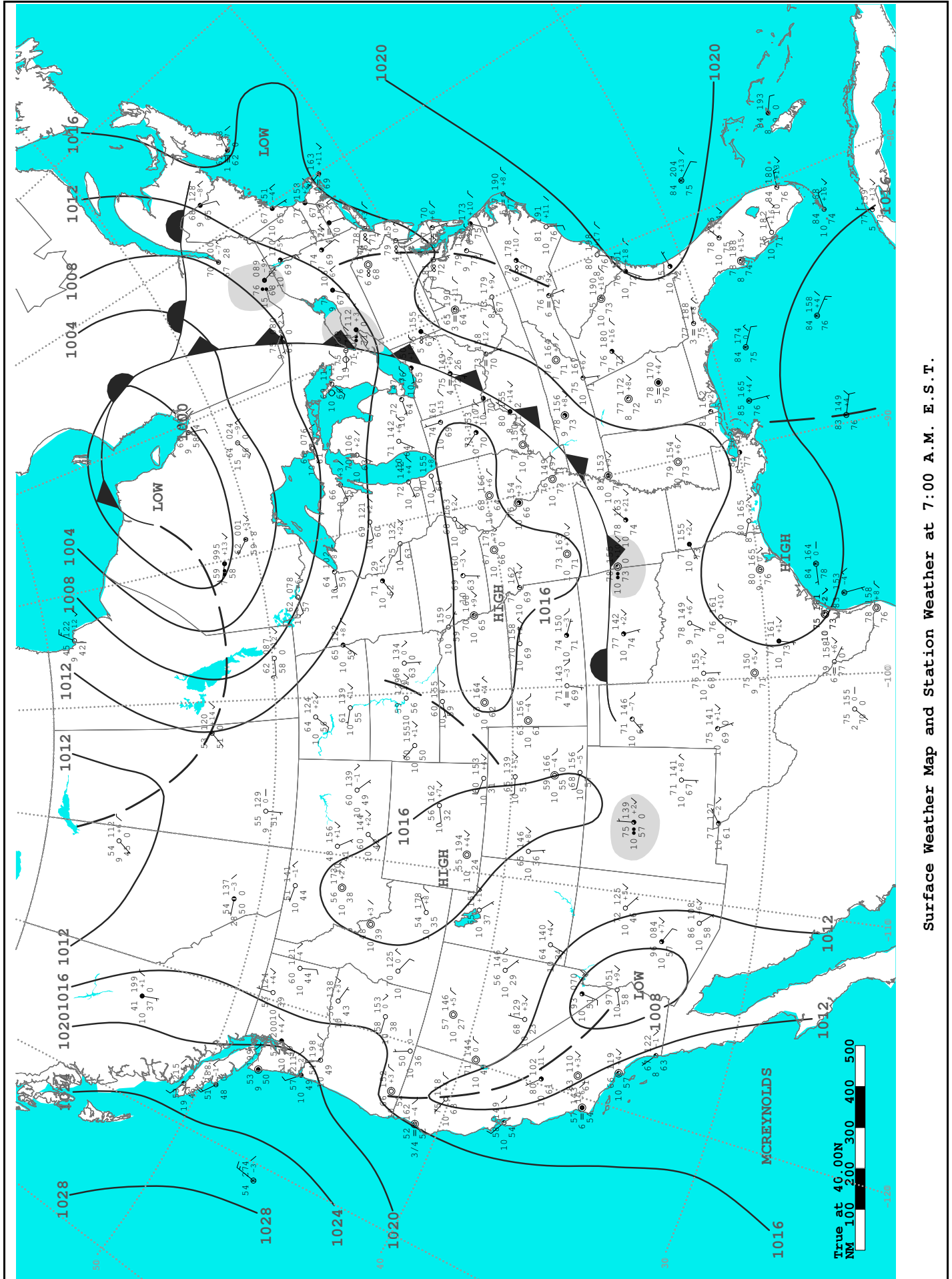
3-Digit Surface Pressure (in tenths): **PPP**

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

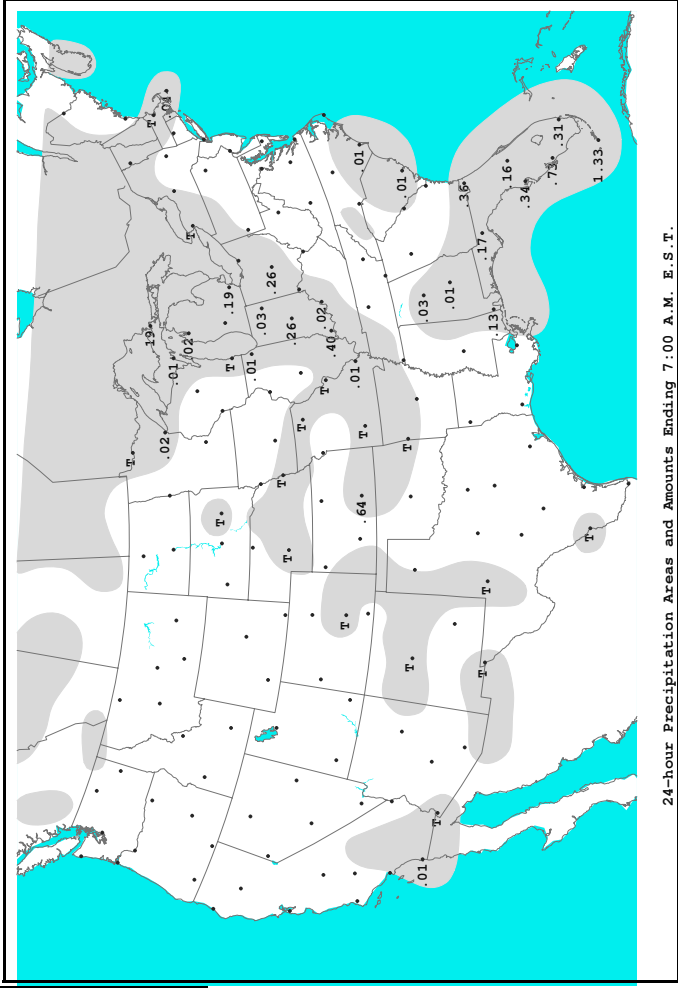
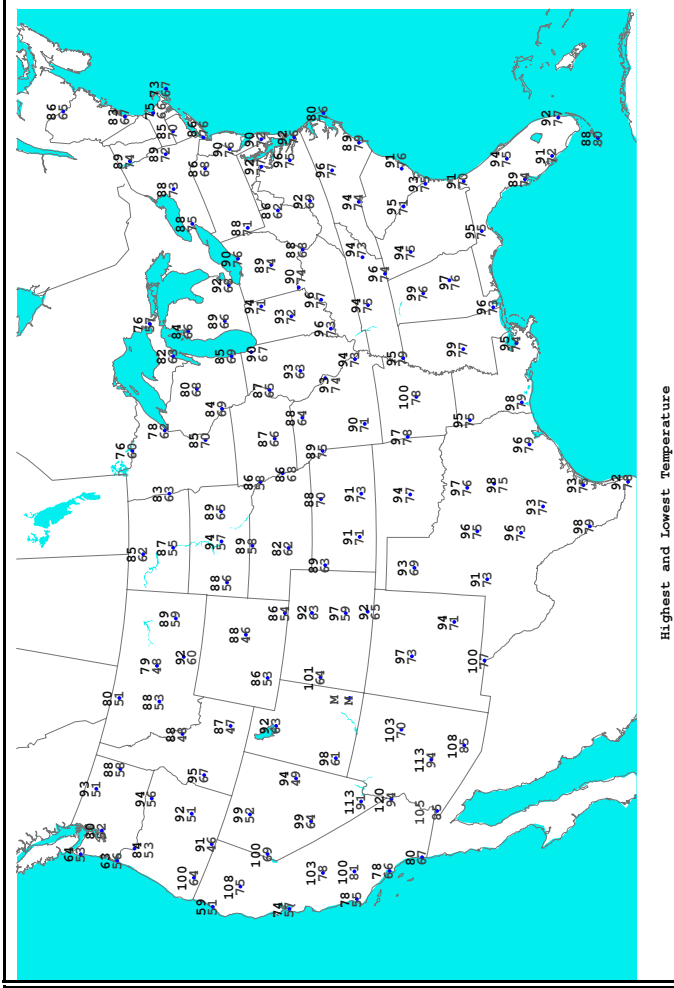
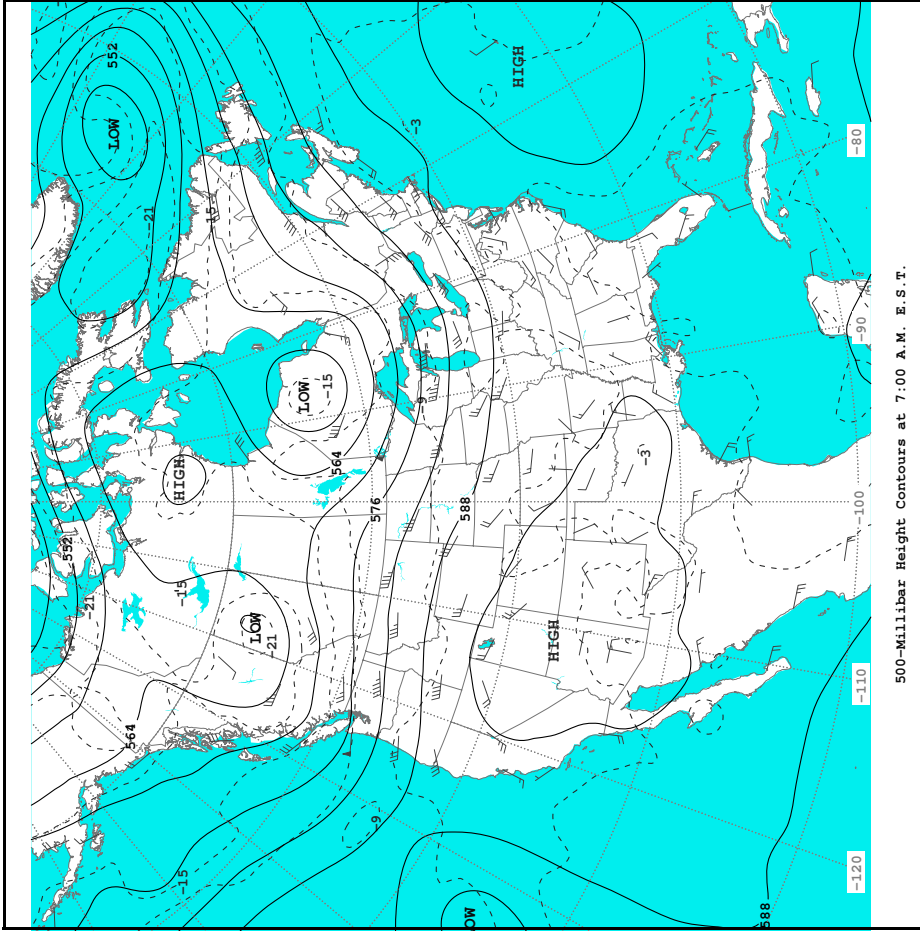
6 Hour Total Precipitation (in hundredths of an inch): **RR**

Sky Cover: **RR**

THURSDAY, JULY 15, 2010



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



Station Model

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

Current Temperature (in °F): **dd**

Wind Speed: **FF**

3-Digit Surface Pressure (in tenths): **PPP**

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

Present Weather Symbol: **●**

Dew Point Temperature: **TT**

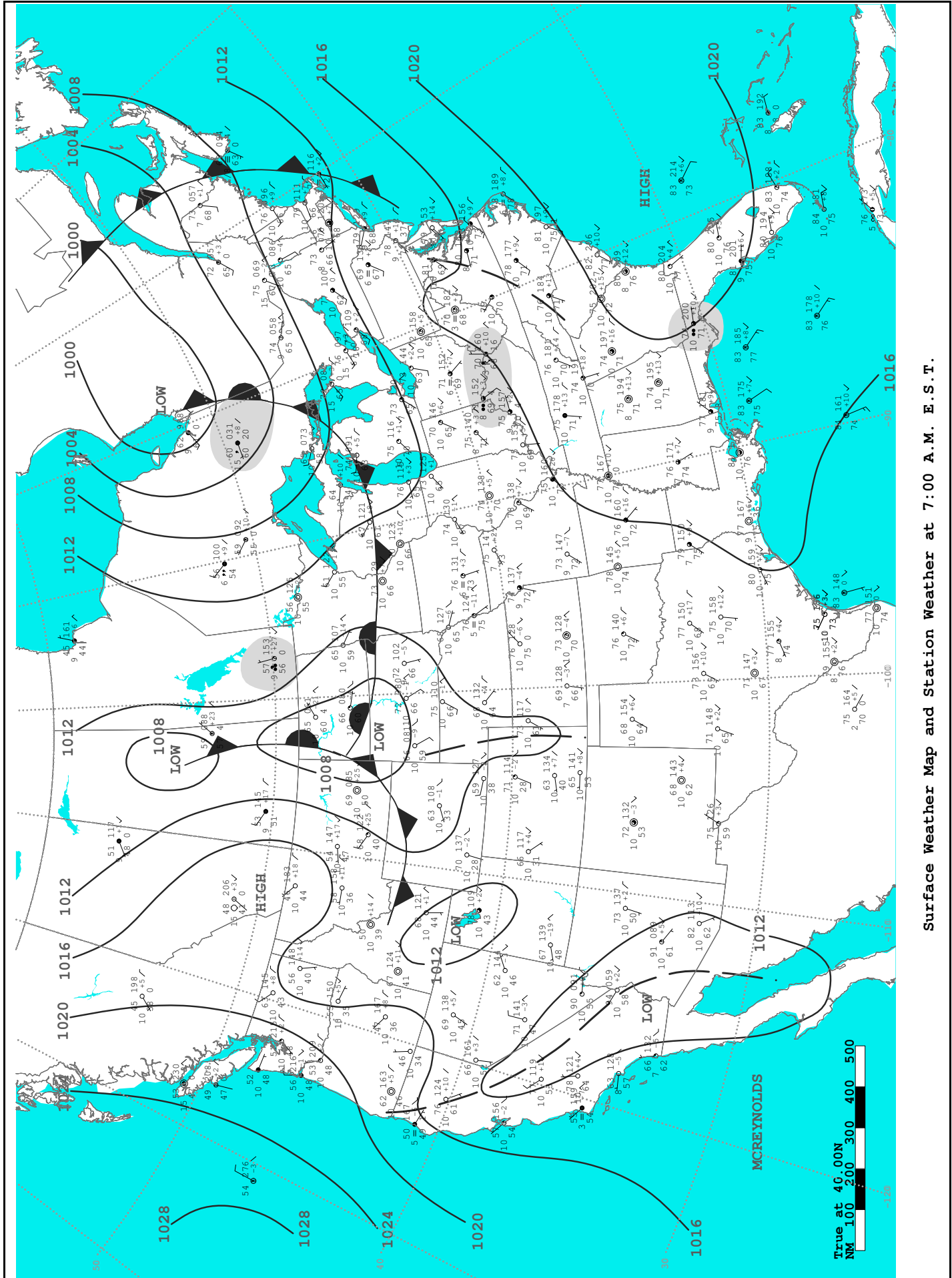
6 Hour Total Precipitation (in hundredths of an inch): **RR**

Visibility (in miles): **V**

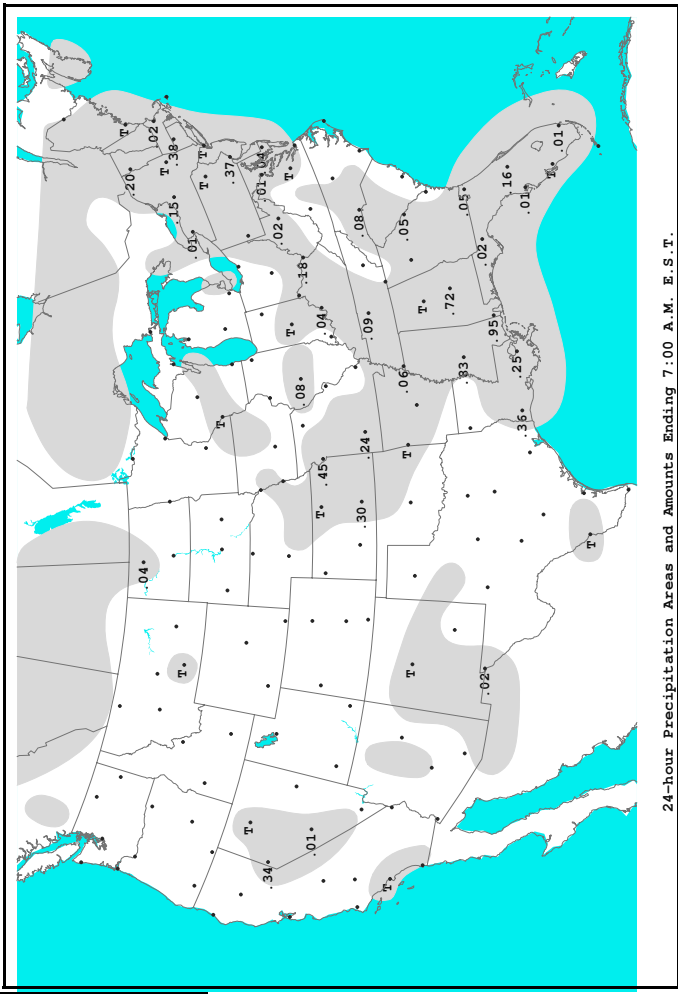
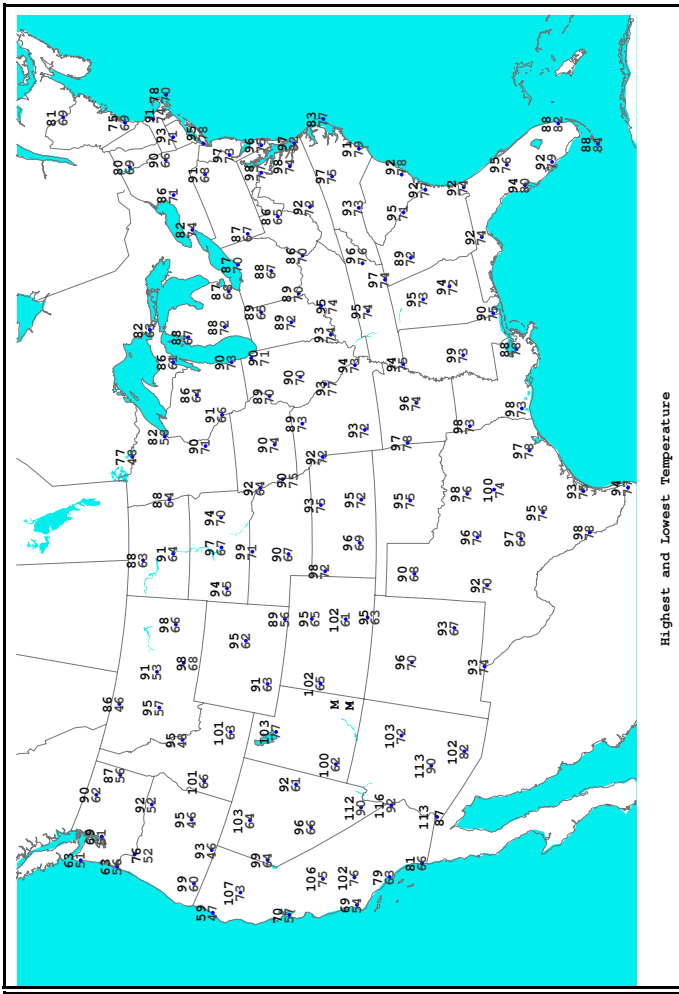
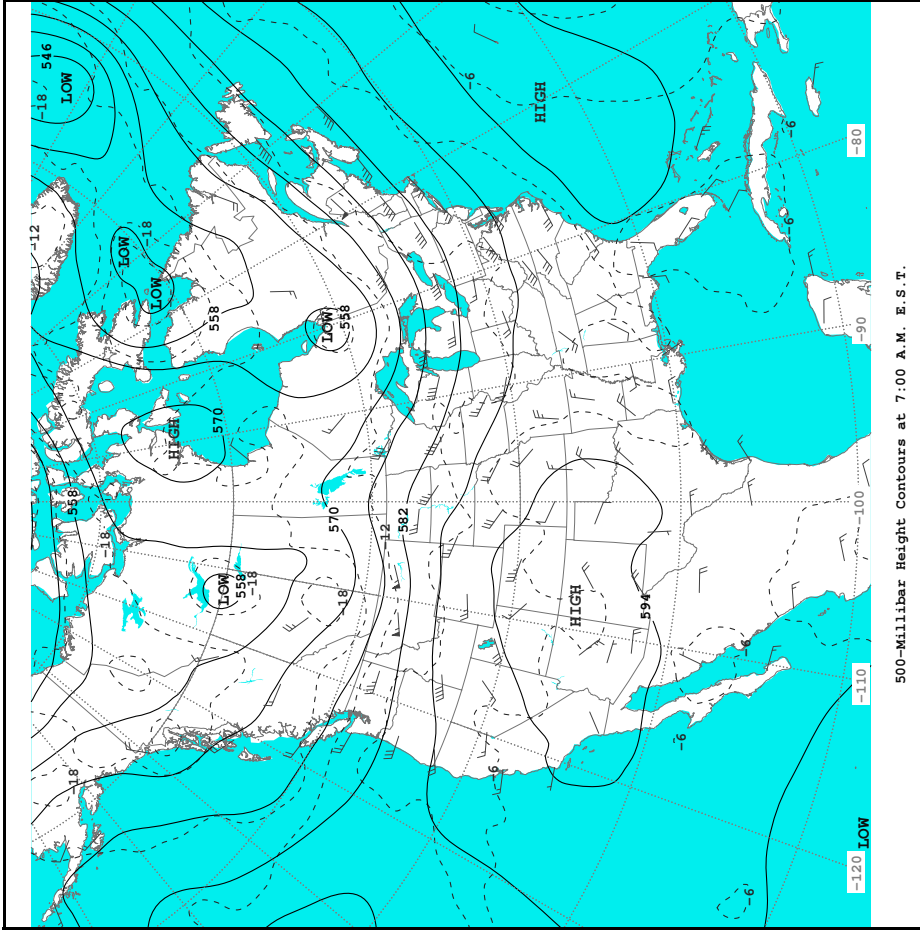
Sky Cover: **Sk**

Ex: 989 = 998.9mb, 012 = 1001.2mb

FRIDAY, JULY 16, 2010



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



Station Model

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

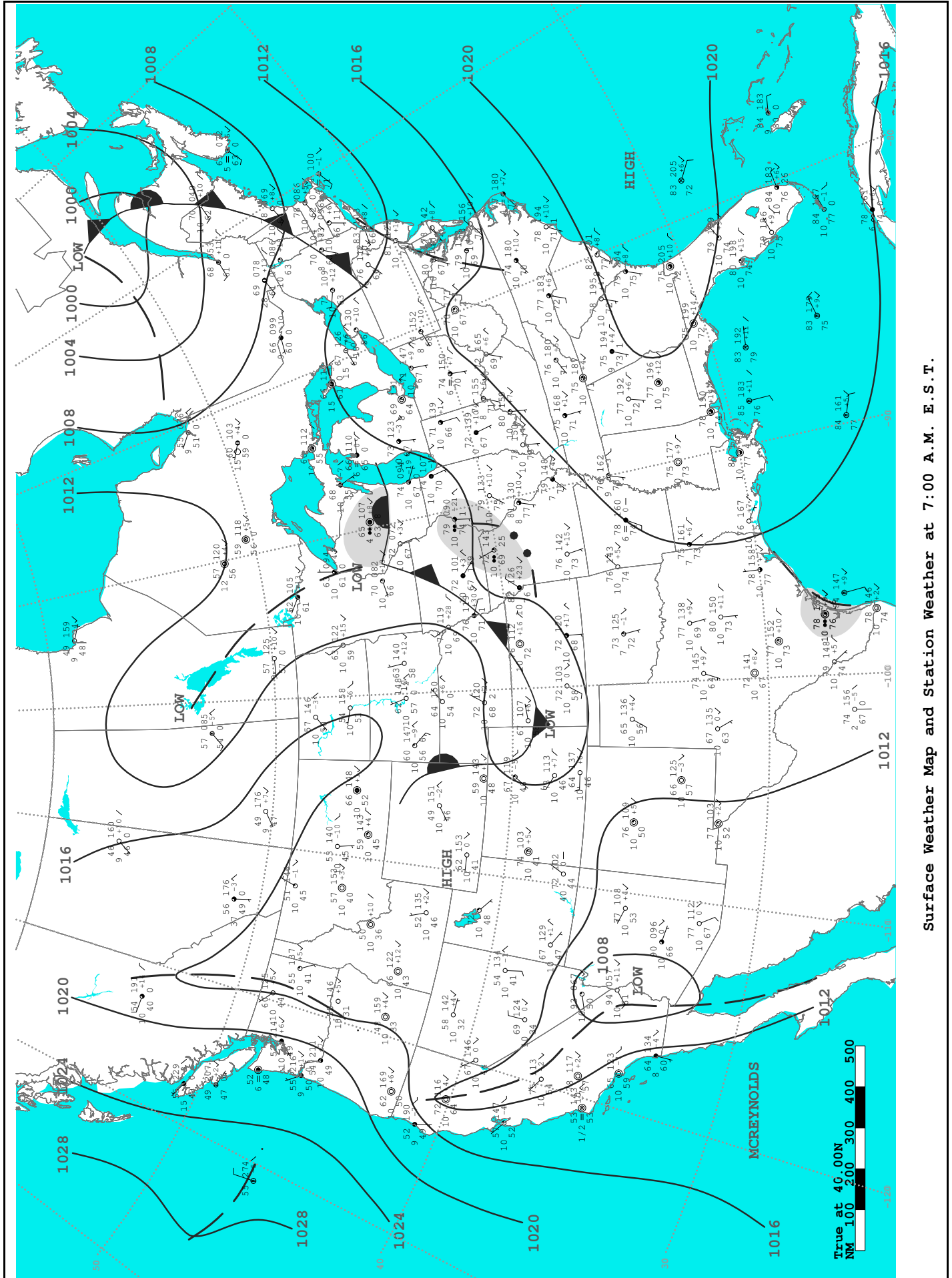
Current Temperature (in °F): **58** (Long Feather - 10 knots, Short Feather - 5 knots)

Visibility (in miles): **11** (3-Digit Surface Pressure, in tenths; Ex: 989 = 998.9mb, 012 = 1001.2mb)

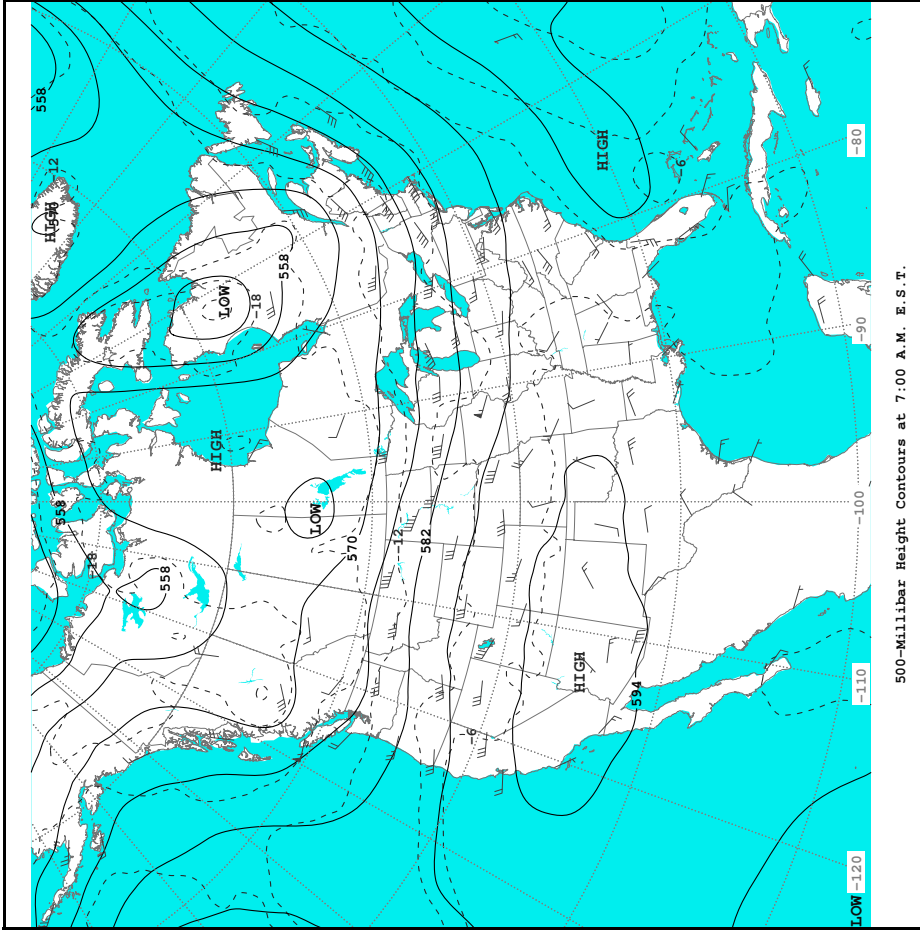
Present Weather Symbol: **●** (3 Hour Pressure Tendency, in tenths; 6 Hour Total Precipitation, in hundredths of an inch)

Dew Point Temperature: **58** (Sky Cover)

SATURDAY, JULY 17, 2010



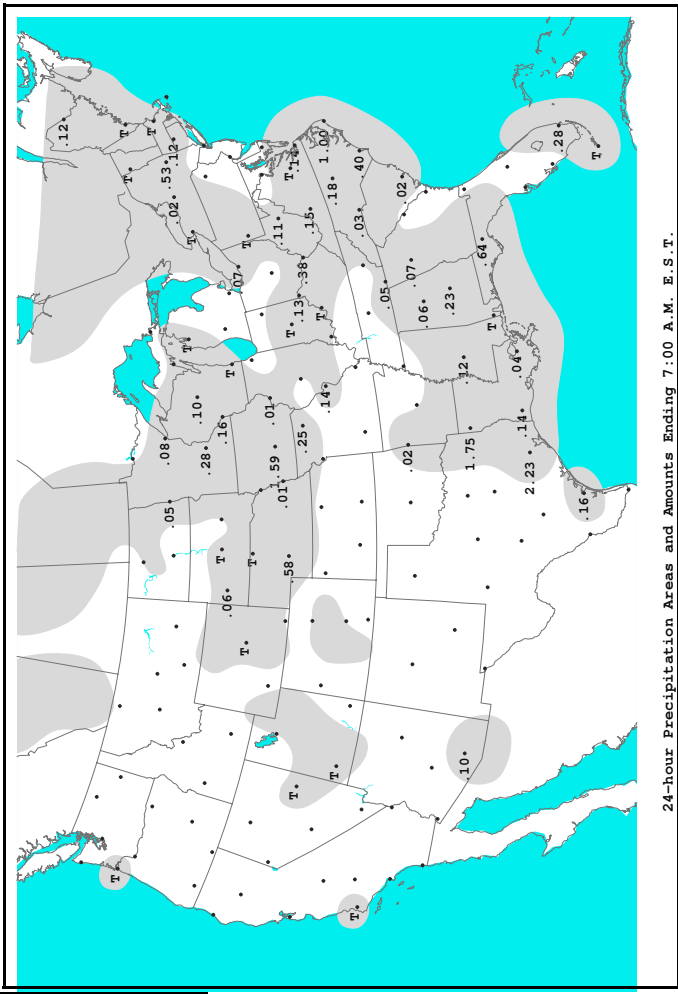
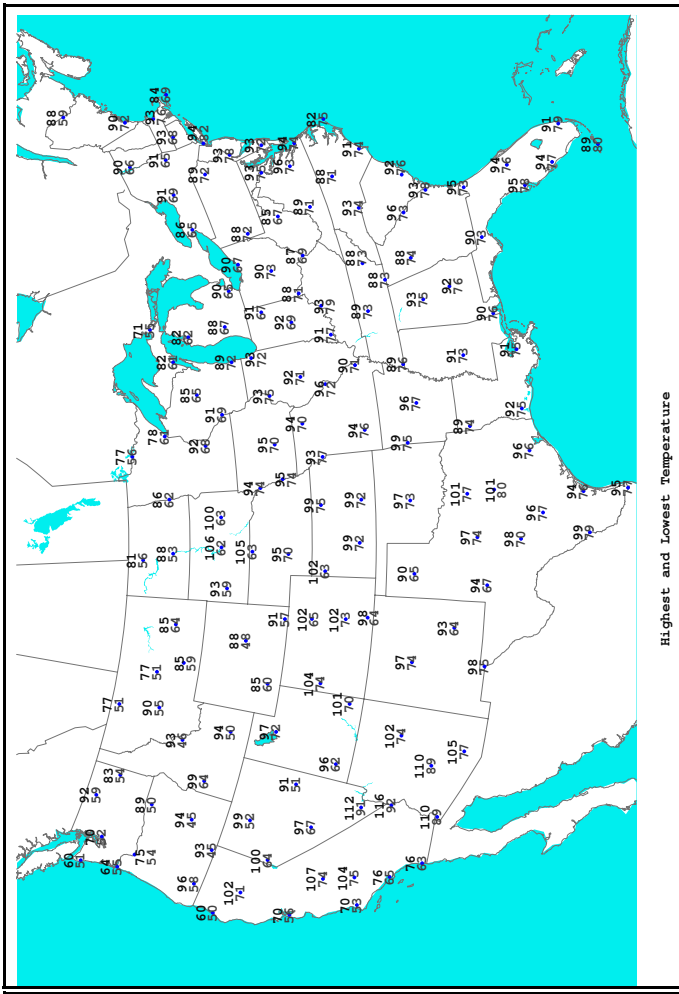
Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.



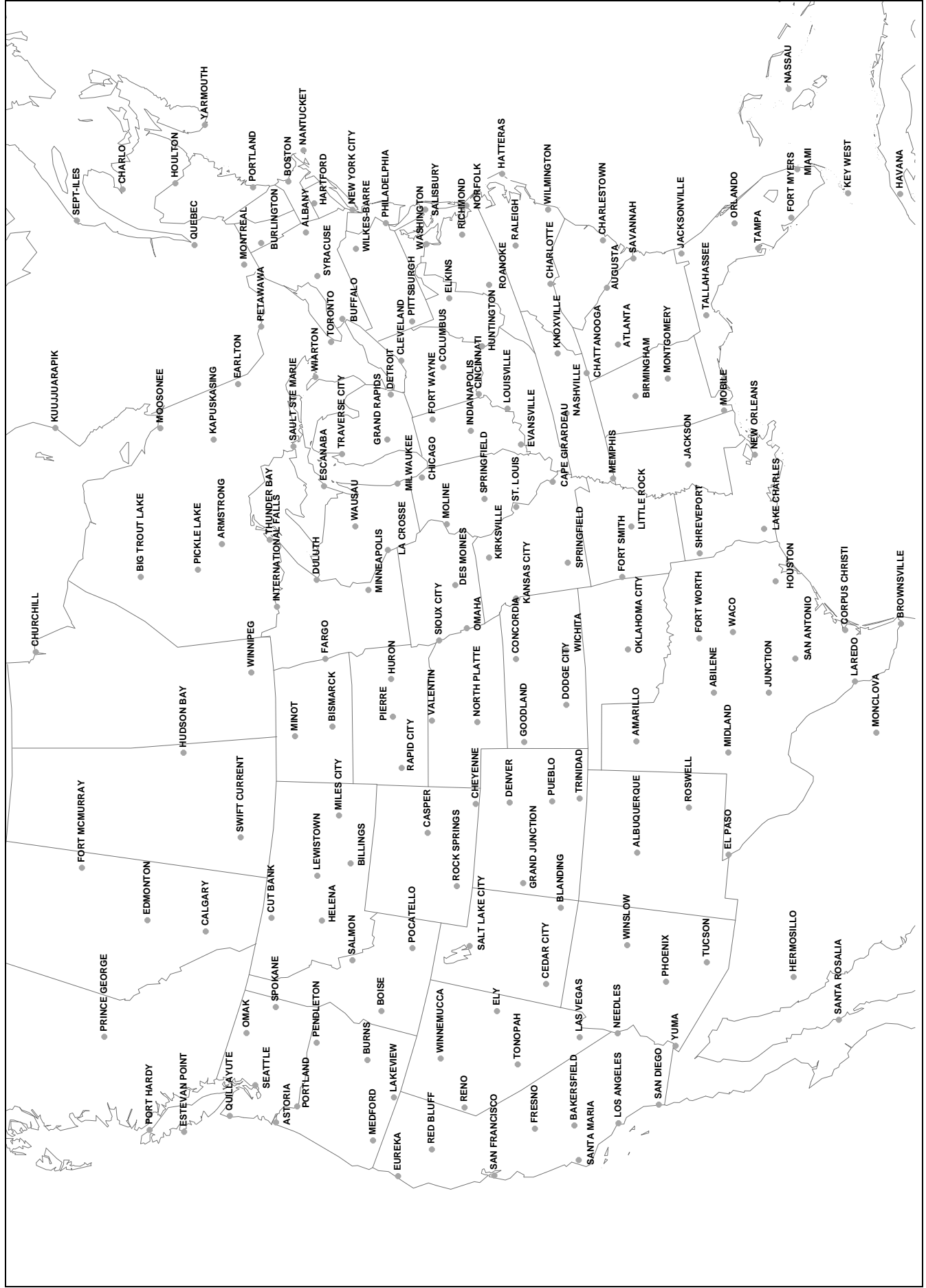
Station Model

The station model diagram includes the following components and their corresponding symbols:

- Wind Direction:** Indicated by a vertical line with a short feather.
- Wind Speed:** Indicated by the length of the feather (Long Feather = 10 knots, Short Feather = 5 knots).
- Current Temperature (in °F):** Represented by the number 'dd'.
- Visibility (in miles):** Represented by the number 'V'.
- Present Weather Symbol:** Represented by a circle with a vertical line through it (TT).
- Dew Point Temperature:** Represented by the number 'PP'.
- 3-Digit Surface Pressure (in tenths):** Represented by the number 'PPP'.
- 3 Hour Pressure Tendency (in tenths):** Represented by the number 'PP a'.
- 6 Hour Total Precipitation (in hundredths of an inch):** Represented by the number 'RR'.
- Sky Cover:** Represented by a circle with a horizontal line through it.



SUNDAY, JULY 18, 2010



Daily Weather Map Station Names and Locations