



# Daily Weather Maps

**MAY 7, 2007 - MAY 13, 2007**

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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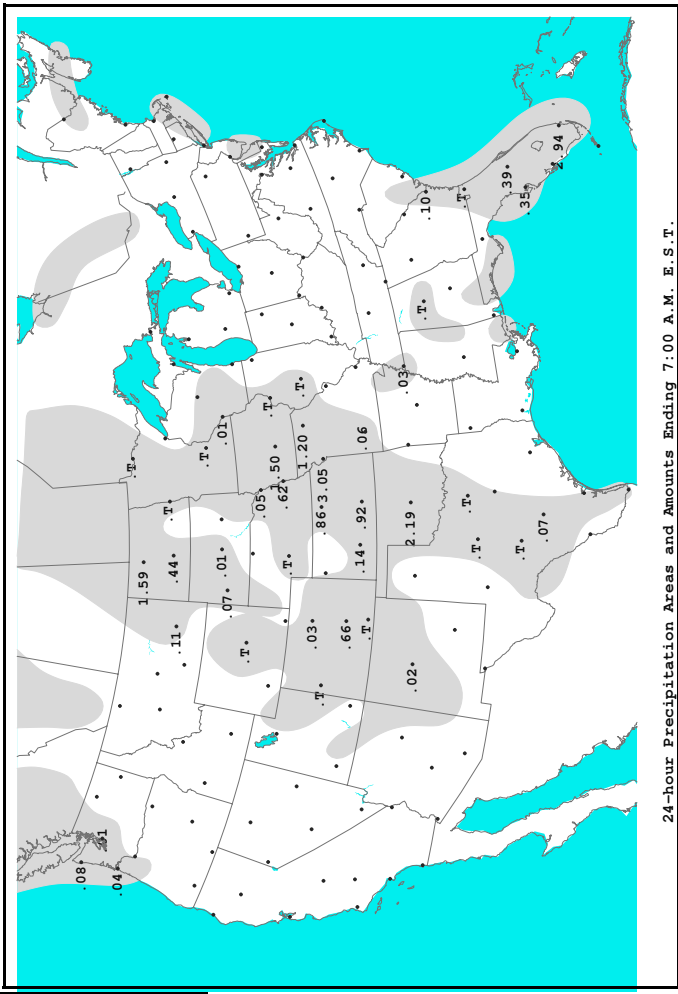
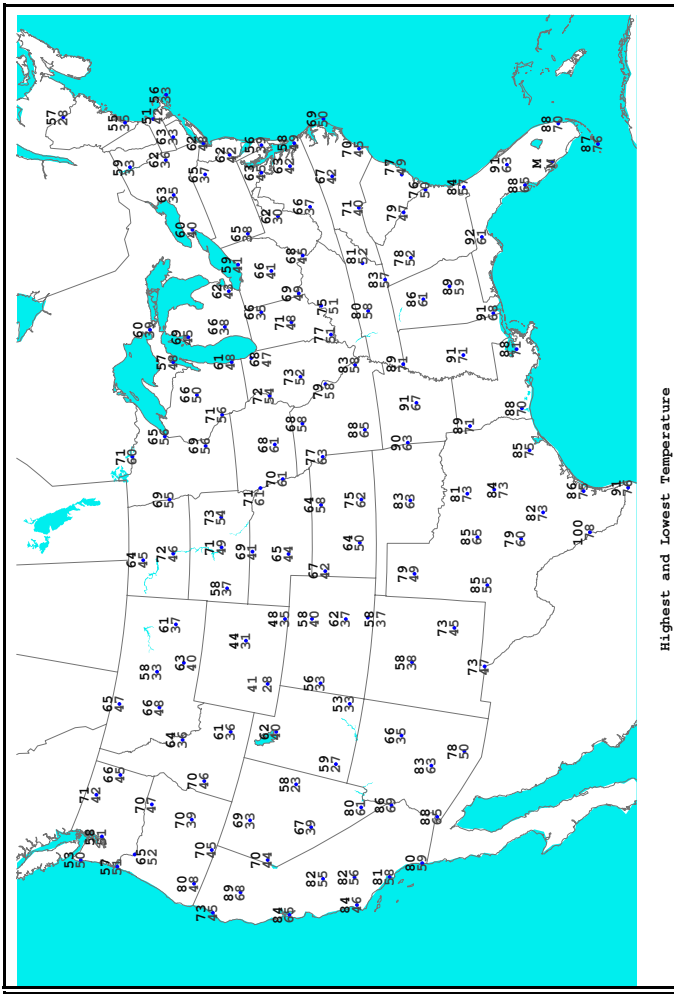
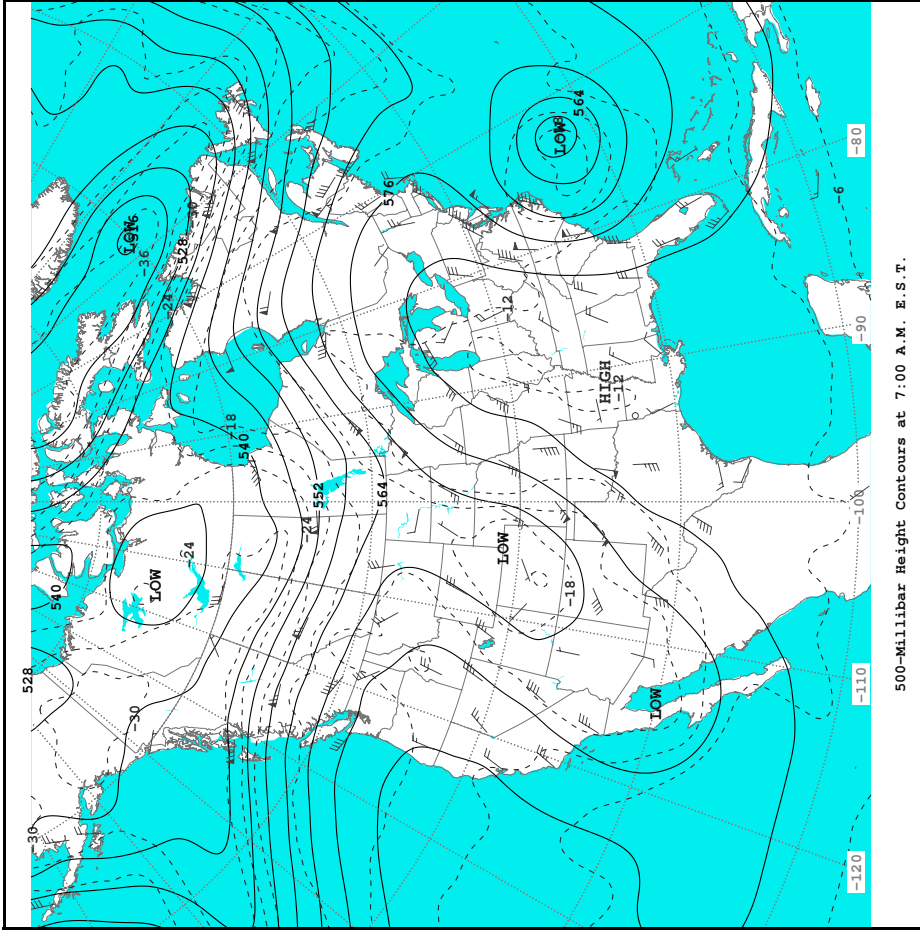
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**Station Model**

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

Current Temperature (in °F): ft

Visibility (in miles): V WW

Present Weather Symbol: PPP

Dew Point Temperature: TT

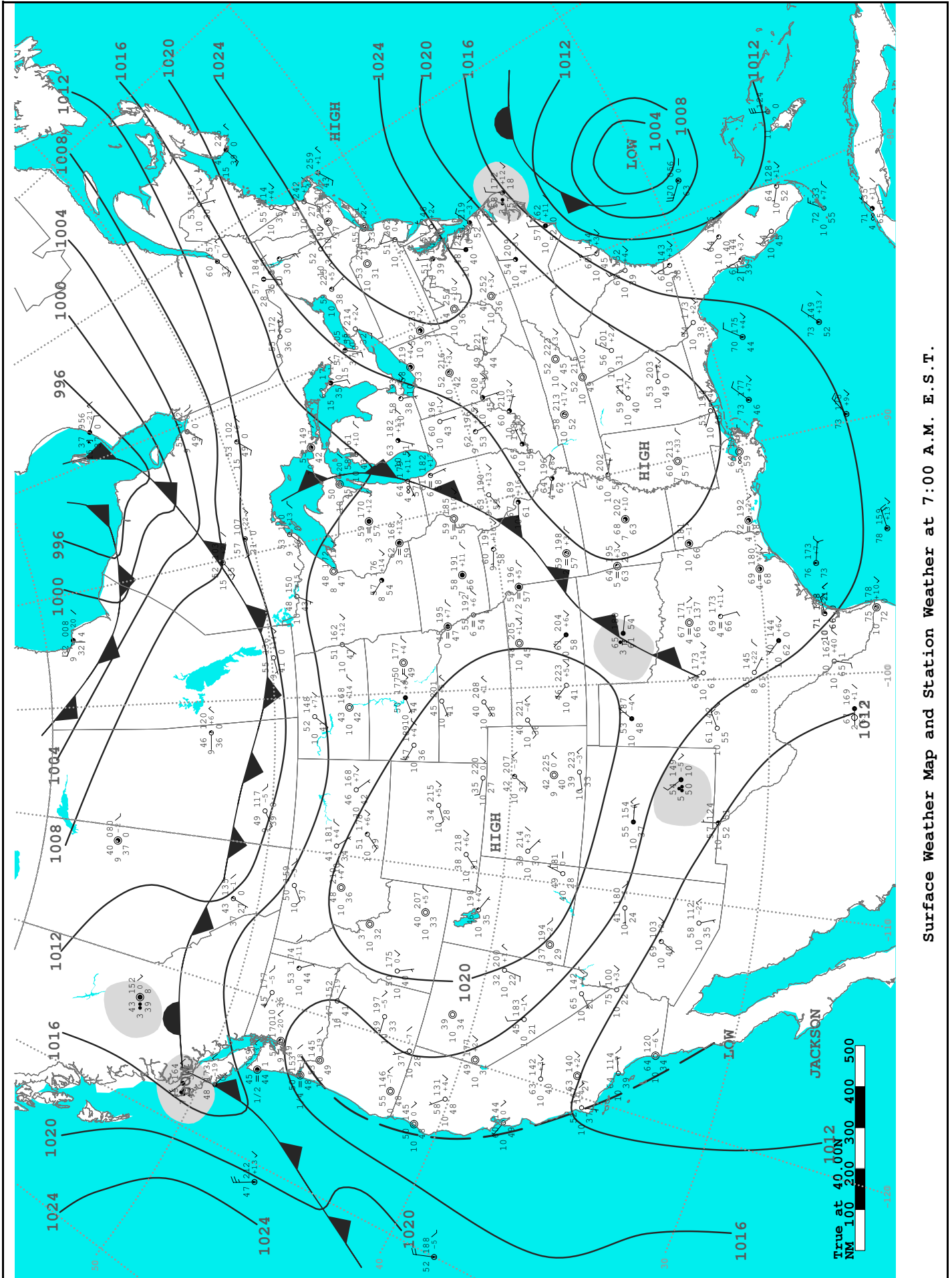
3-Digit Surface Pressure (in tenths): Ex: 999 = 998.9mb, 012 = 1001.2mb

3 Hour Pressure Tendency (in tenths): PP a

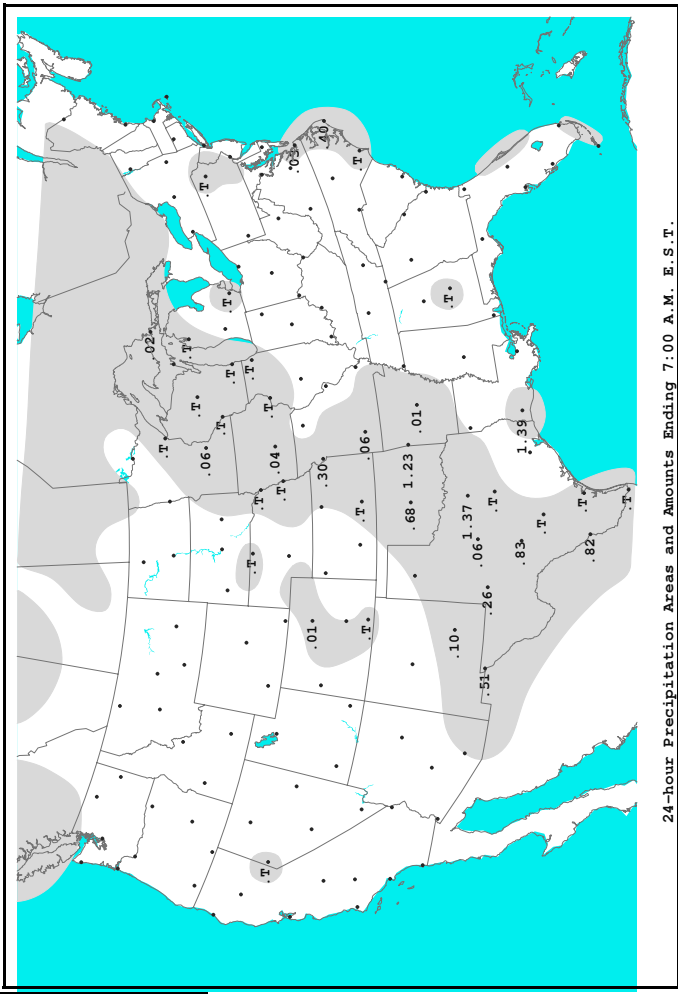
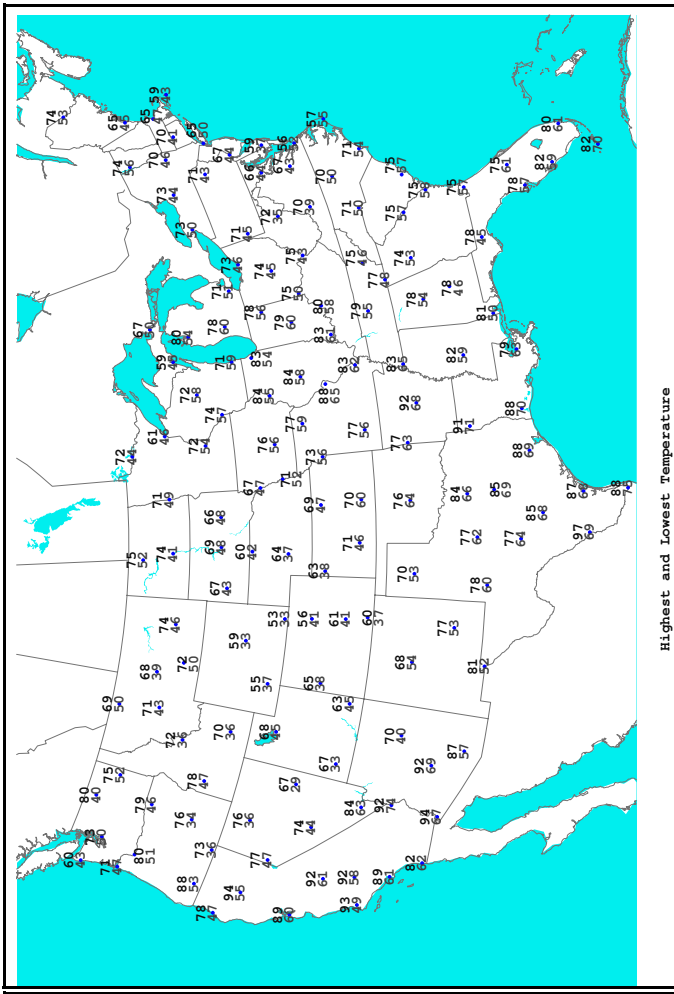
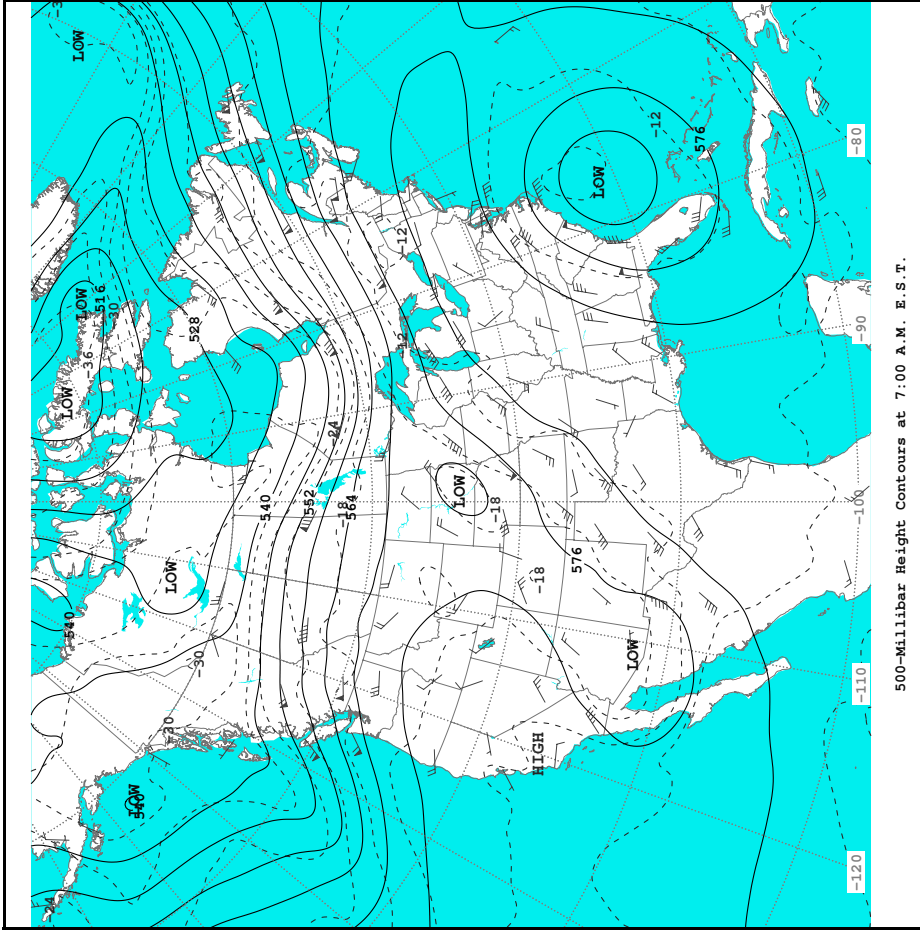
6 Hour Total Precipitation (in hundredths of an inch): RR

Sky Cover: Sky\_Cover

**MONDAY, MAY 7, 2007**



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

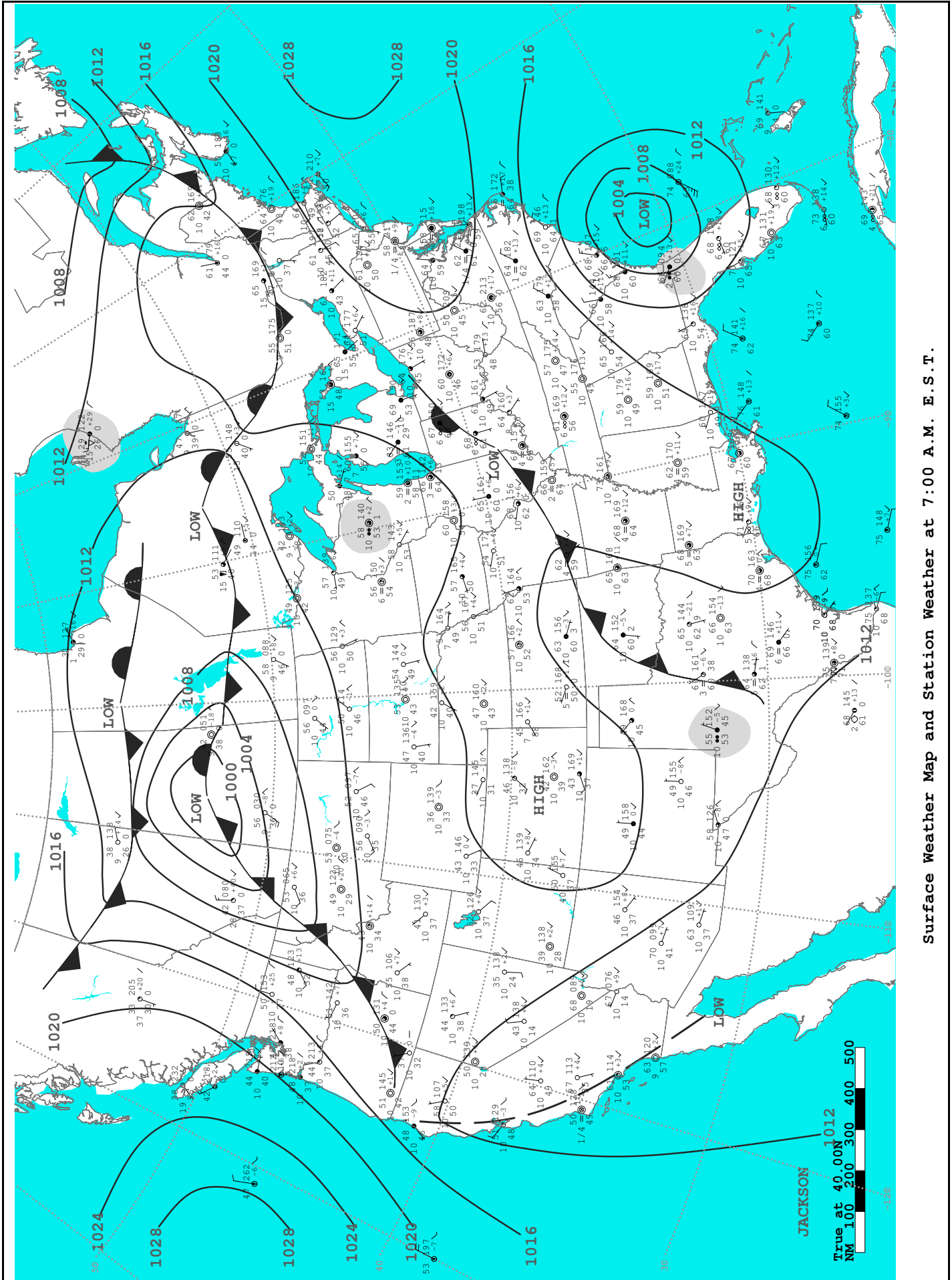
Current Temperature (in °F): ft

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

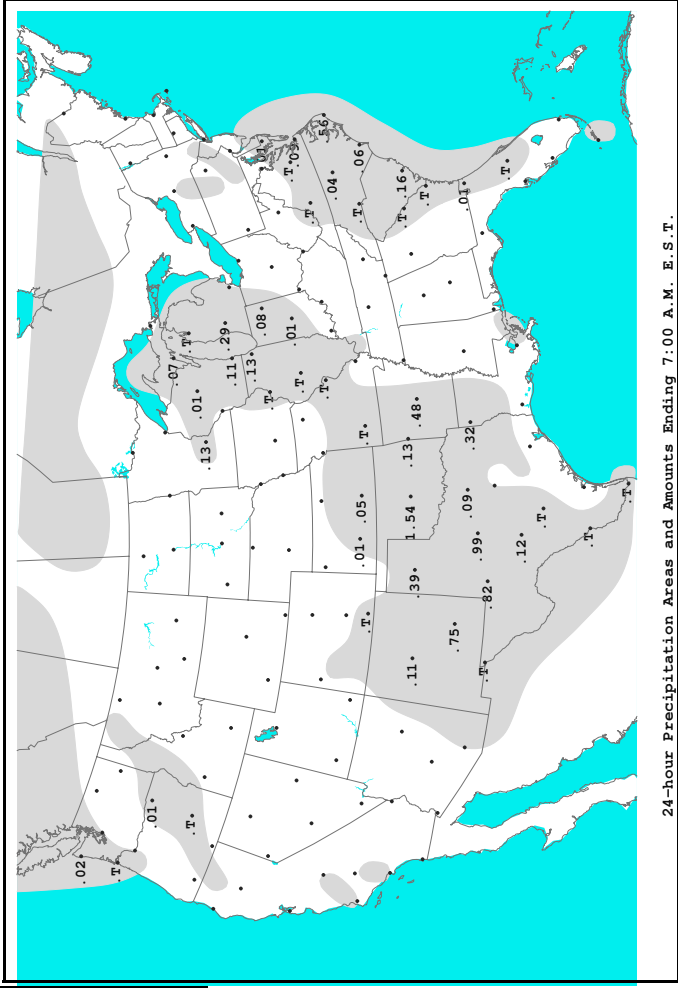
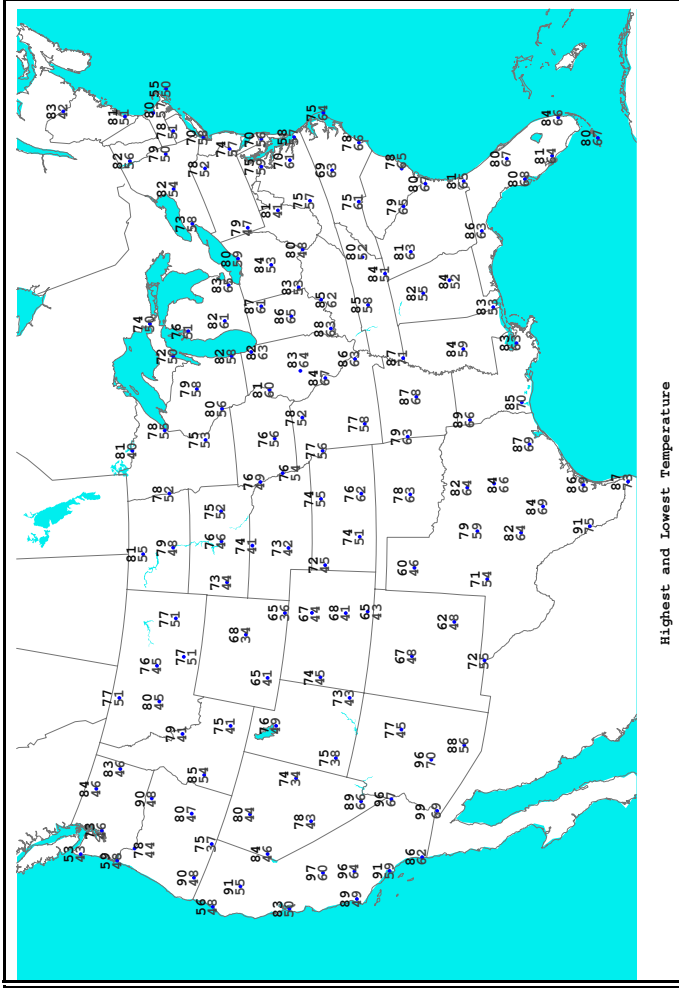
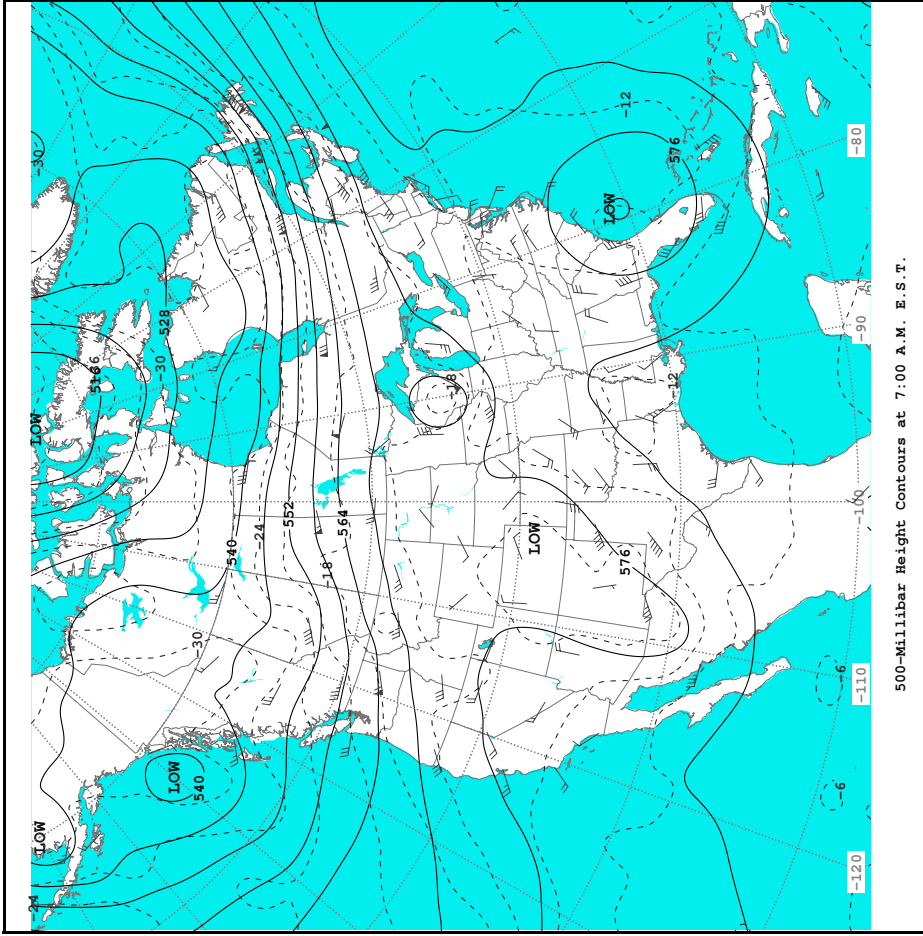
Present Weather Symbol: PP a

Dew Point Temperature: 3 Hour Pressure Tendency (in tenths): 6 Hour Total Precipitation (in hundredths of an inch): Sky\_Cover

**TUESDAY, MAY 8, 2007**



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



**Station Model**

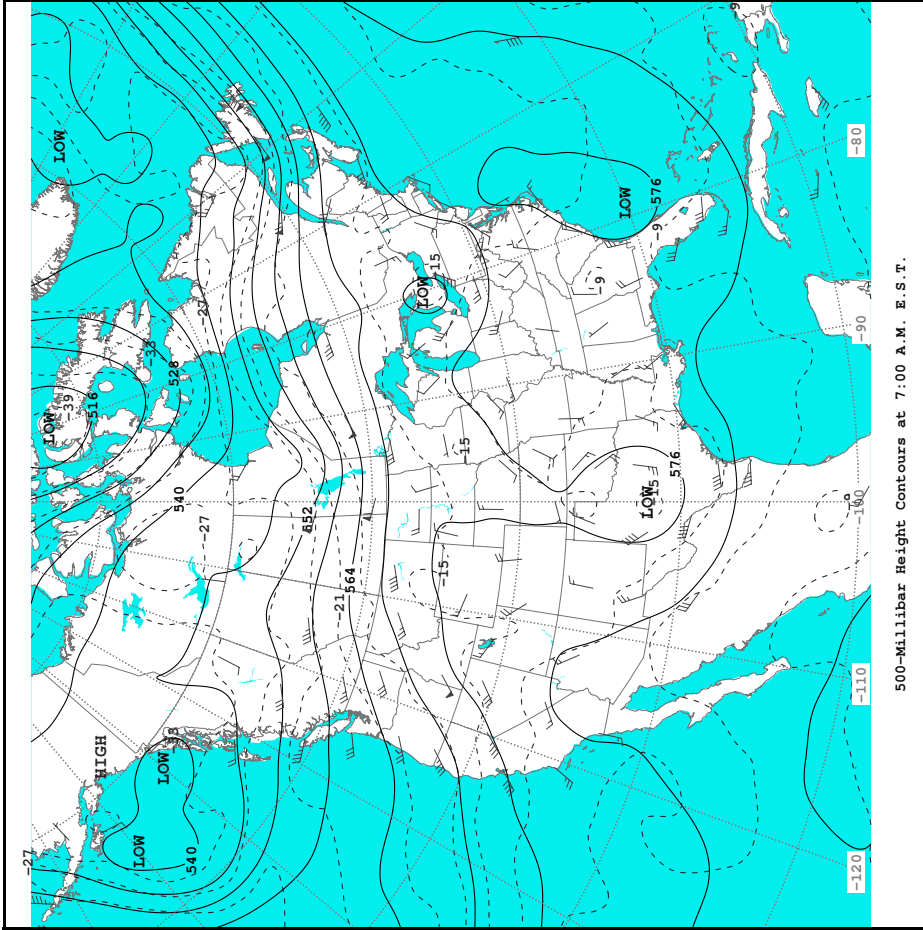
The diagram shows a station model with the following components and their corresponding data fields:

- Wind Direction:** Indicated by a long feather (10 knots) and a short feather (5 knots).
- Wind Speed:** Indicated by the length of the feathers.
- 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 ("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.

# WEDNESDAY, MAY 9, 2007



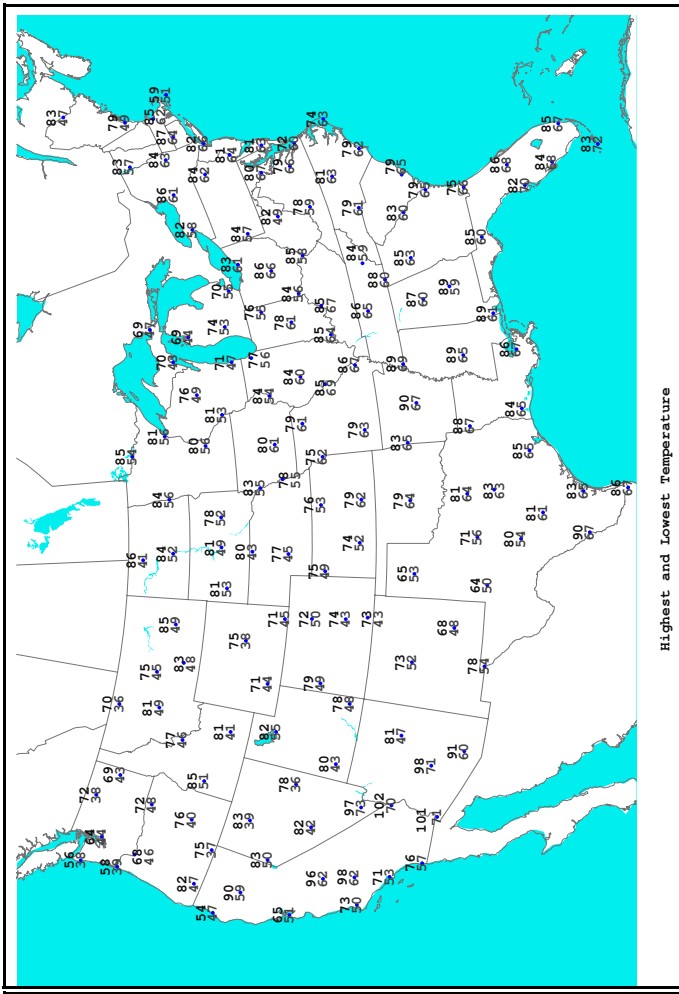




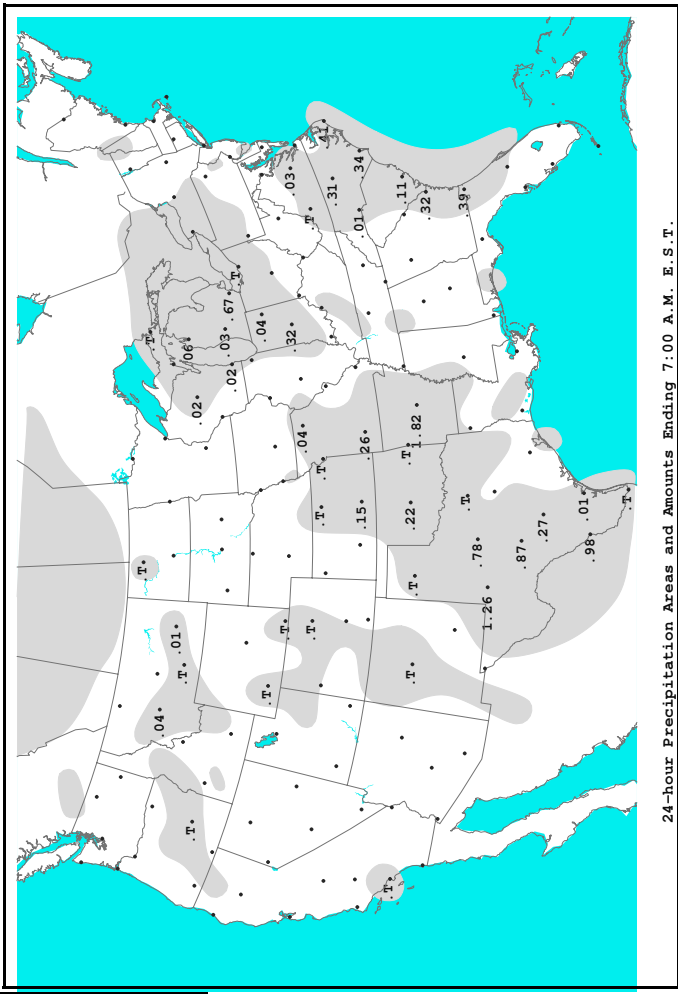
500-Millibar Height Contours at 7:00 A.M. E. S. T.

Wind Direction	Wind Speed
Current Temperature (in °F)	Long Feather - 10 knots
Visibility (in miles)	Short Feather - 5 knots
Present Weather Symbol	3-Digit Surface Pressure (in tenths). Ex: 999 = 998.9mb, 012 = 1001.2mb
Dew Point Temperature	3 Hour Pressure Tendency (in tenths)
Sky Cover	6 Hour Total Precipitation (in hundredths of an inch)

**Station Model**

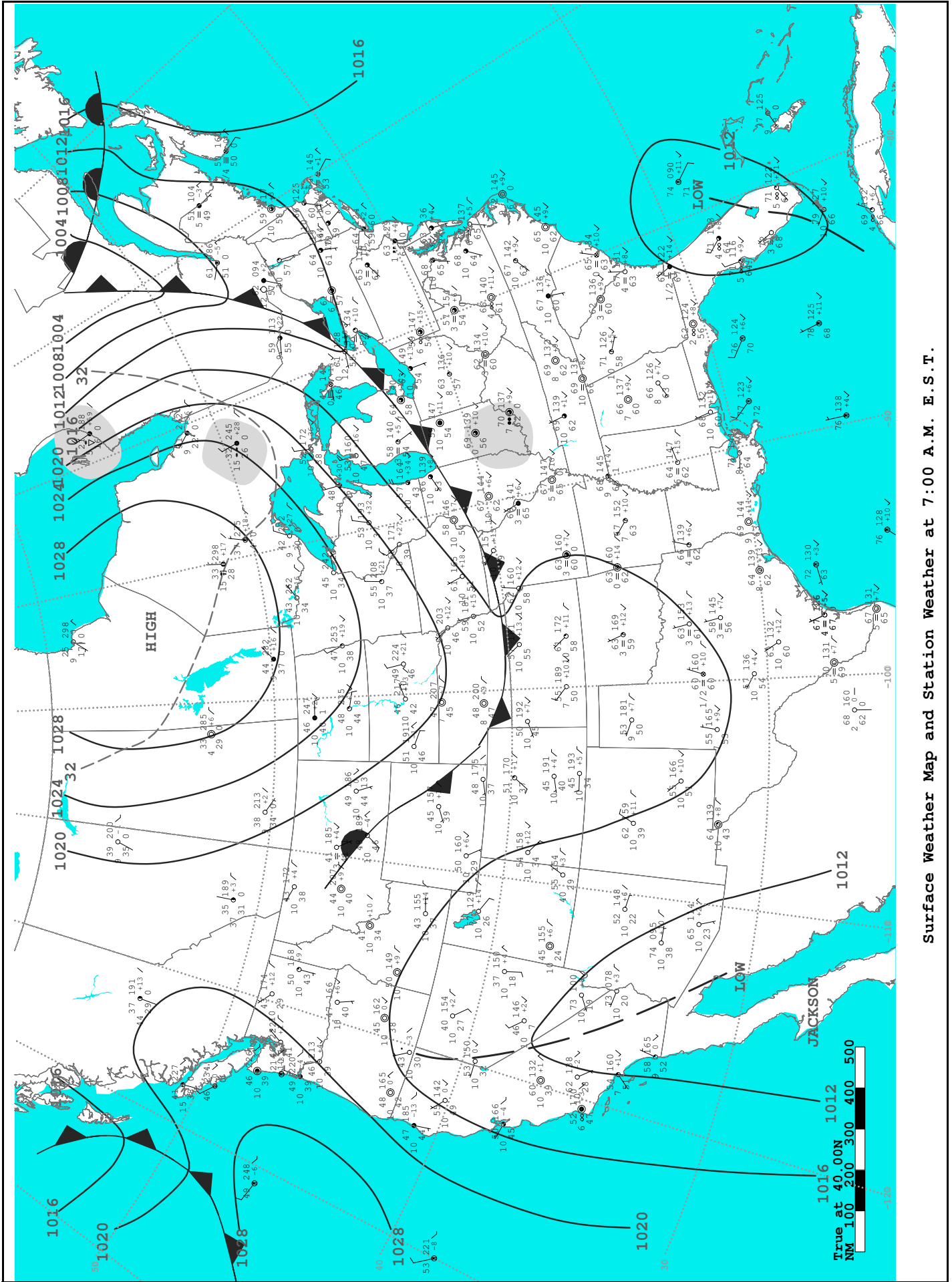


Highest and Lowest Temperature

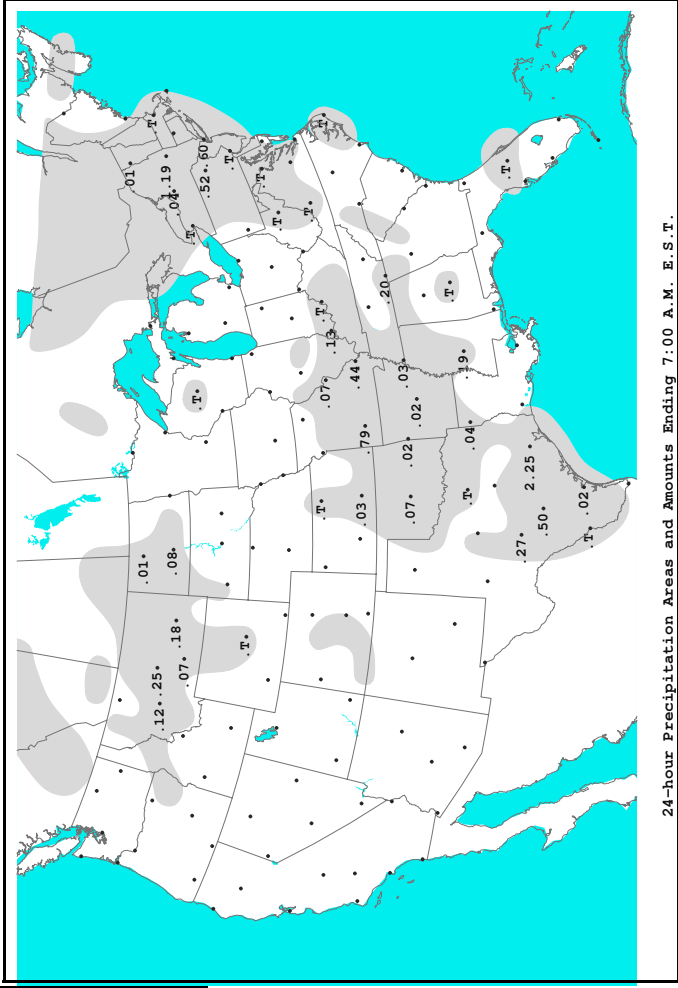
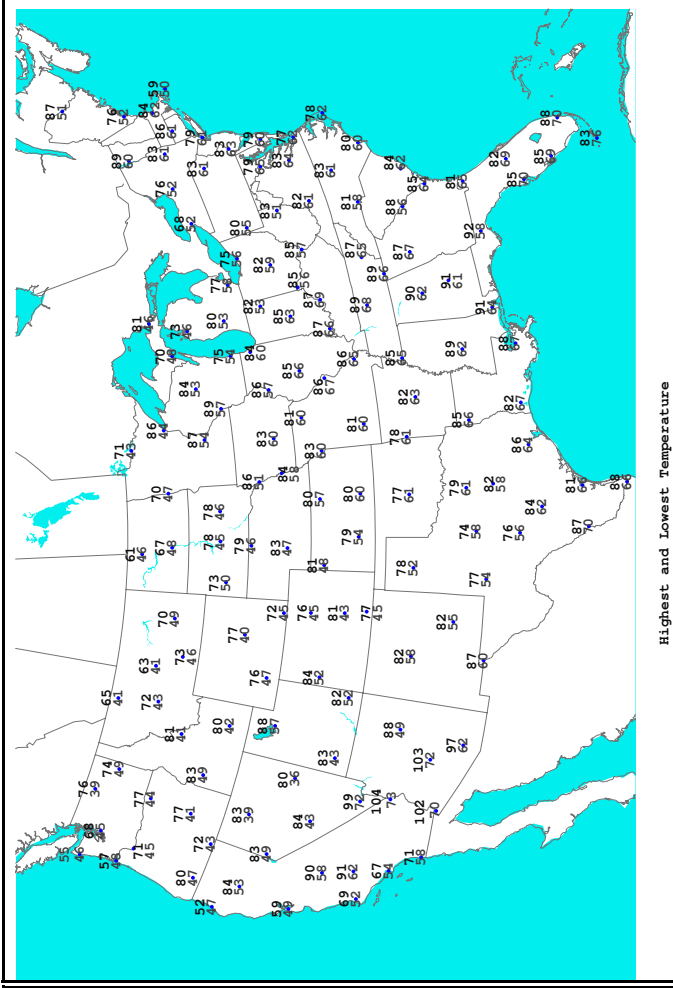
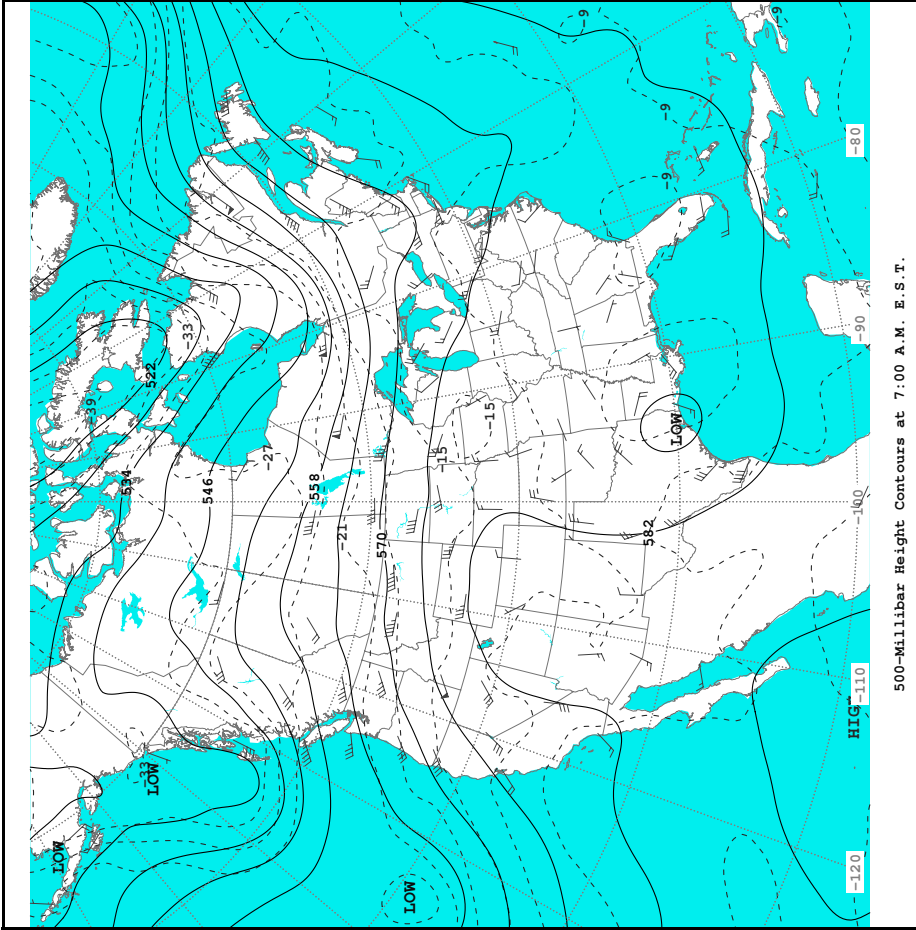


24-hour Precipitation Areas and Amounts Ending 7:00 A.M. E. S. T.

# THURSDAY, MAY 10, 2007



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

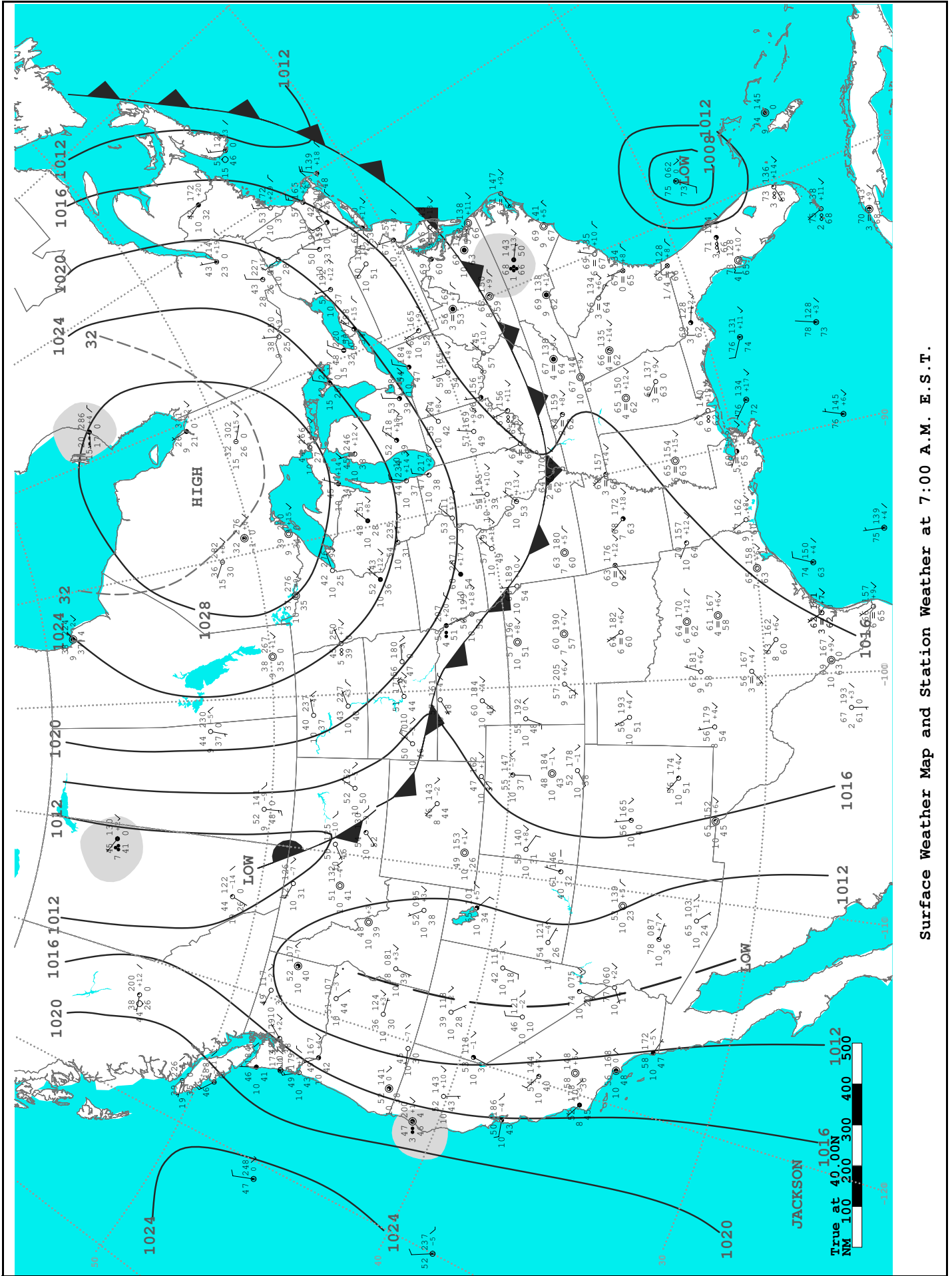


**Station Model**

Wind Direction — Wind Speed  
 Long Feather - 10 knots  
 Short Feather - 5 knots  
 Current Temperature (in °F) — dd — ft  
 Visibility (in miles) — V — PPP  
 Present Weather Symbol — TT — PP a  
 Dew Point Temperature — TD — RR — 3 Hour Pressure Tendency (in tenths)  
 Sky Cover — Sky Cover — 6 Hour Total Precipitation (in hundredths of an inch)

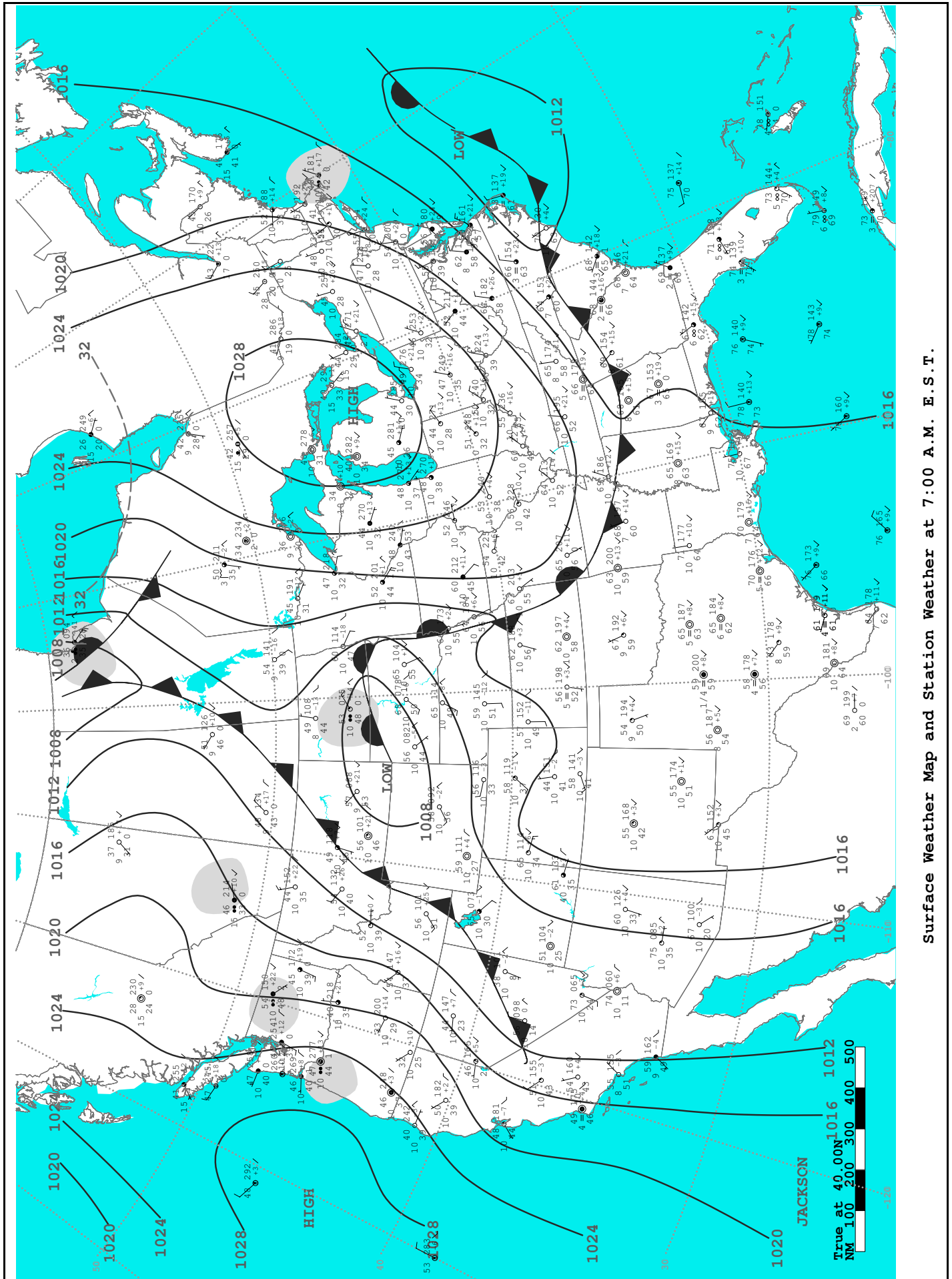
3-Digit Surface Pressure (in tenths). Ex:  
 989 = 998.9mb  
 012 = 1001.2mb

# FRIDAY, MAY 11, 2007

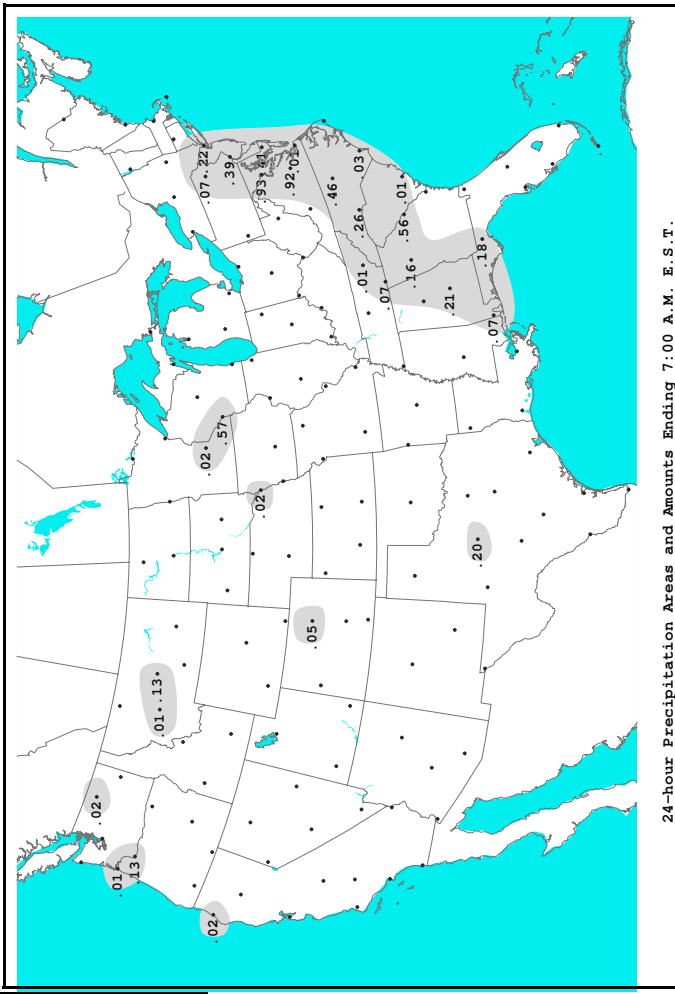
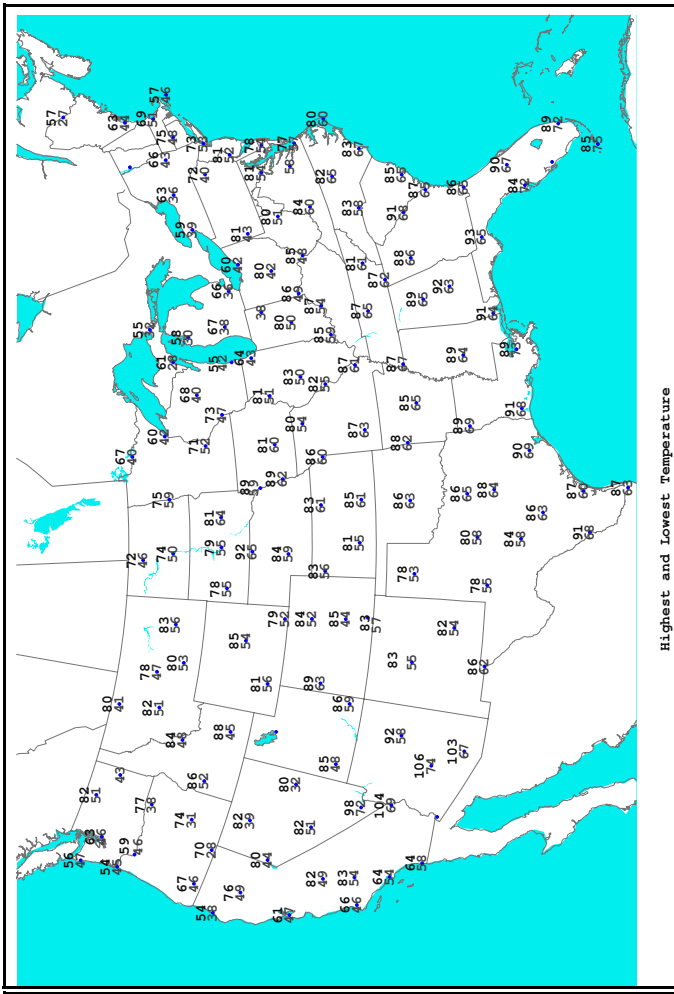
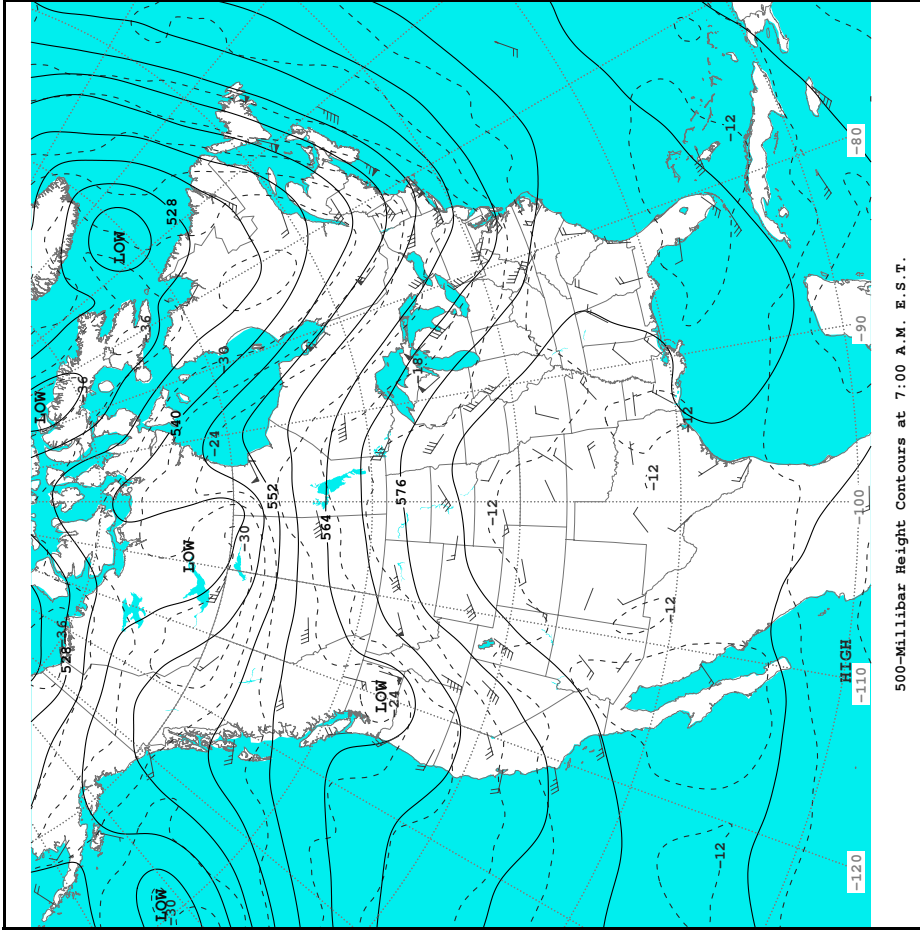


Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.





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



**Station Model**

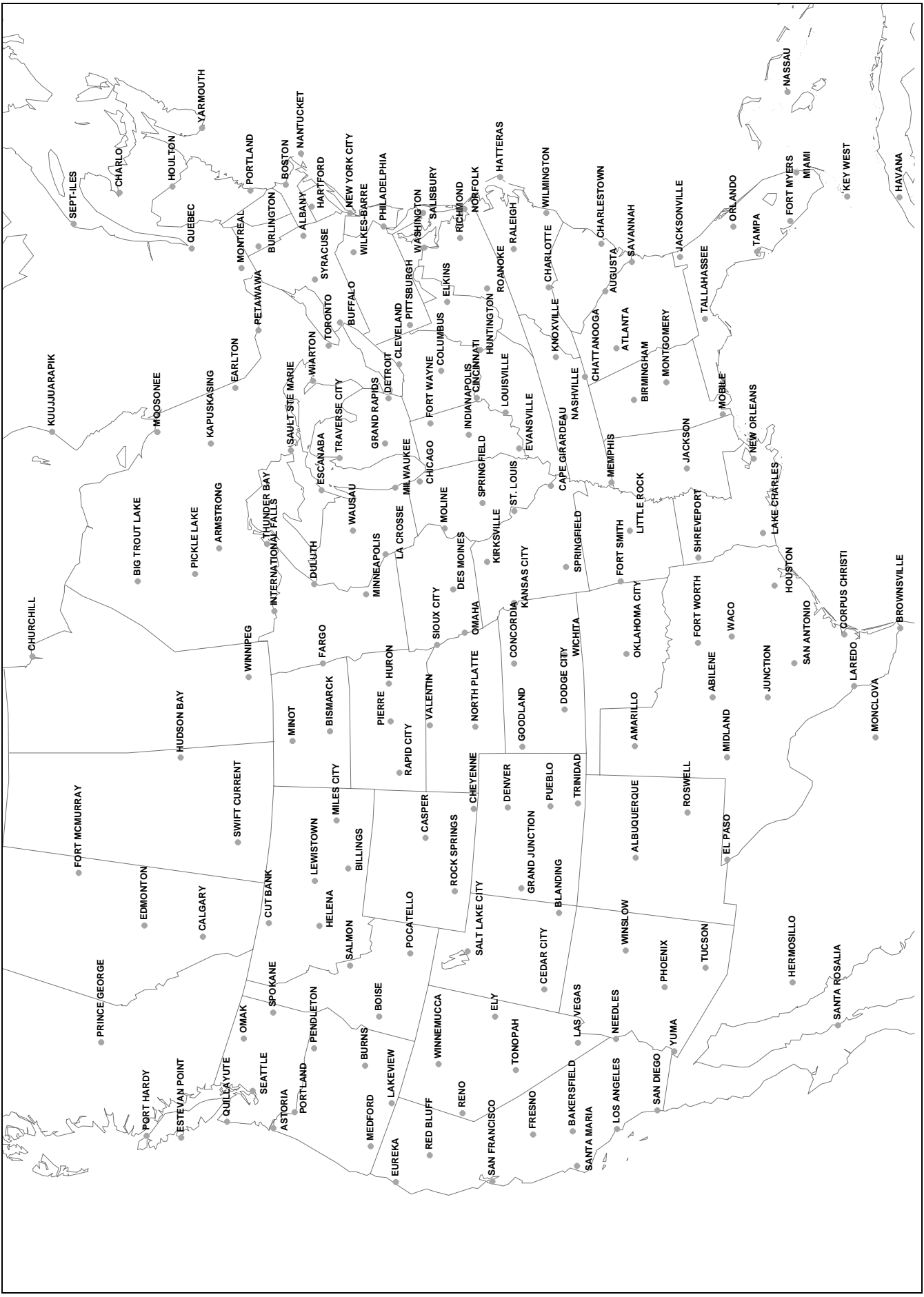
Wind Direction: Wind Speed: Long Feather - 10 knots, Short Feather - 5 knots

Current Temperature (in °F): Current Temperature (in °C): 3-Digit Surface Pressure (in tenths): Ex: 989 = 998.9mb, 012 = 1001.2mb

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

Dew Point Temperature: Sky Cover:

# SUNDAY, MAY 13, 2007



**Daily Weather Map Station Names and Locations**