



# Daily Weather Maps

APRIL 19, 2010 - APRIL 25, 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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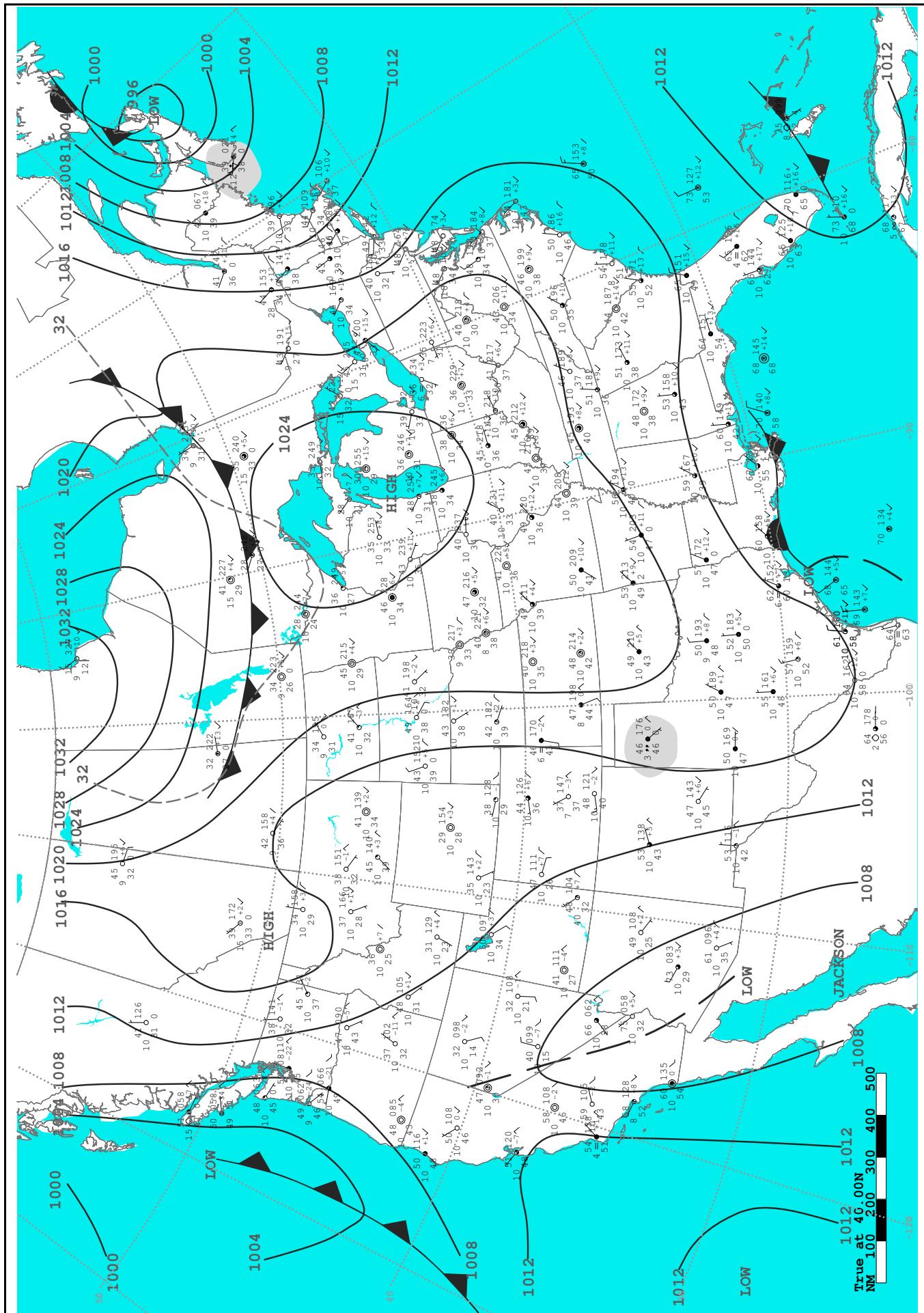
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Correspondence to the meteorologists should be directed to: *Daily Weather Map*, NOAA/National Weather Service, Room 410, 5200 Auth Rd, Camp Springs, MD 20746.

NOAA/NWS/NCEP/HPC  
Daily Weather Maps, W/NP3  
5200 Auth Road, Room 410  
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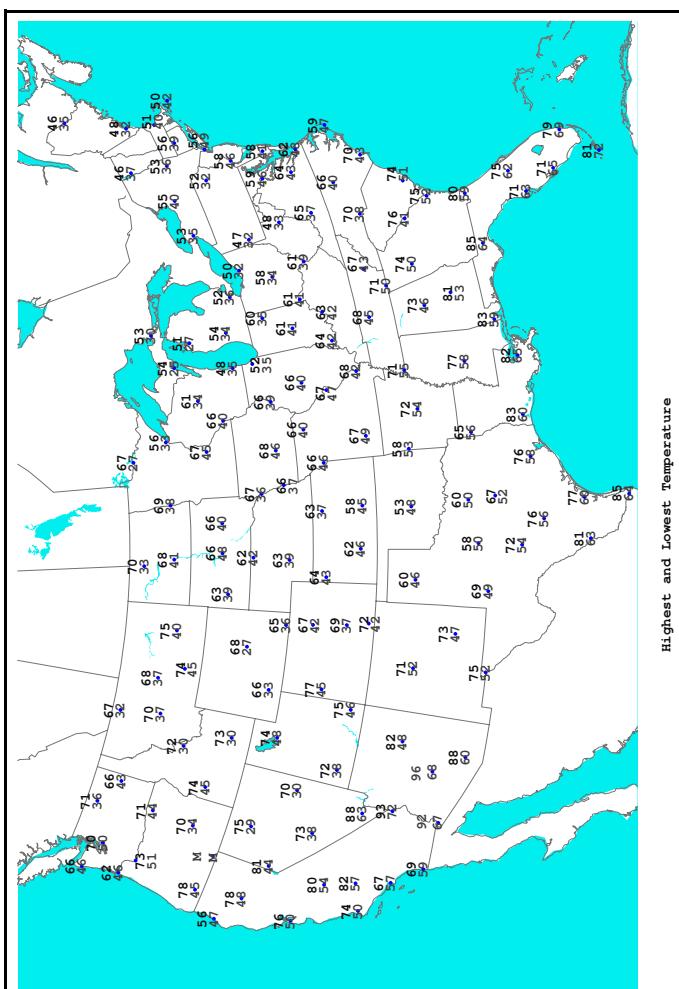
MONDAY, APRIL 19, 2010



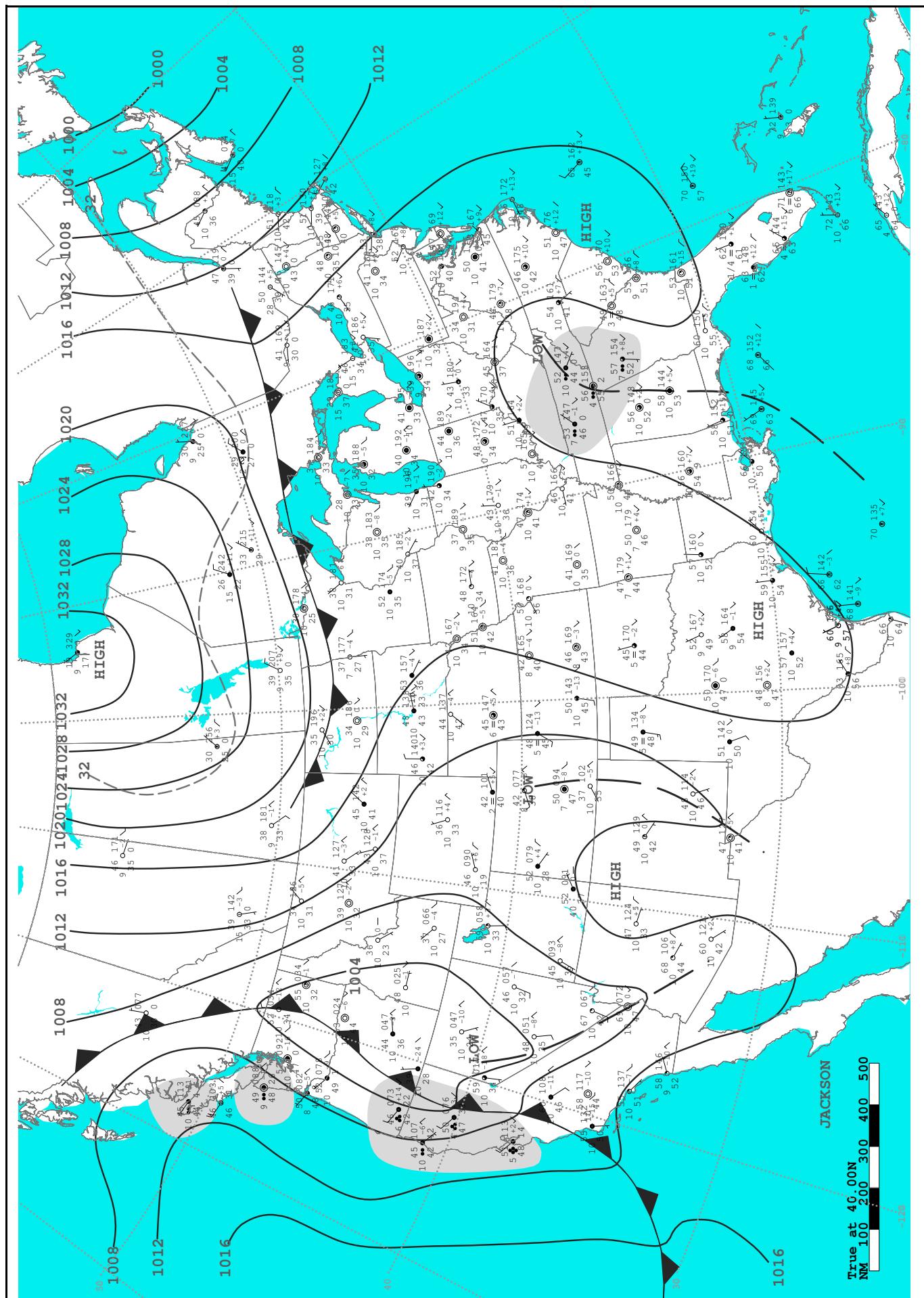
Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.

**MONDAY, APRIL 19, 2010**

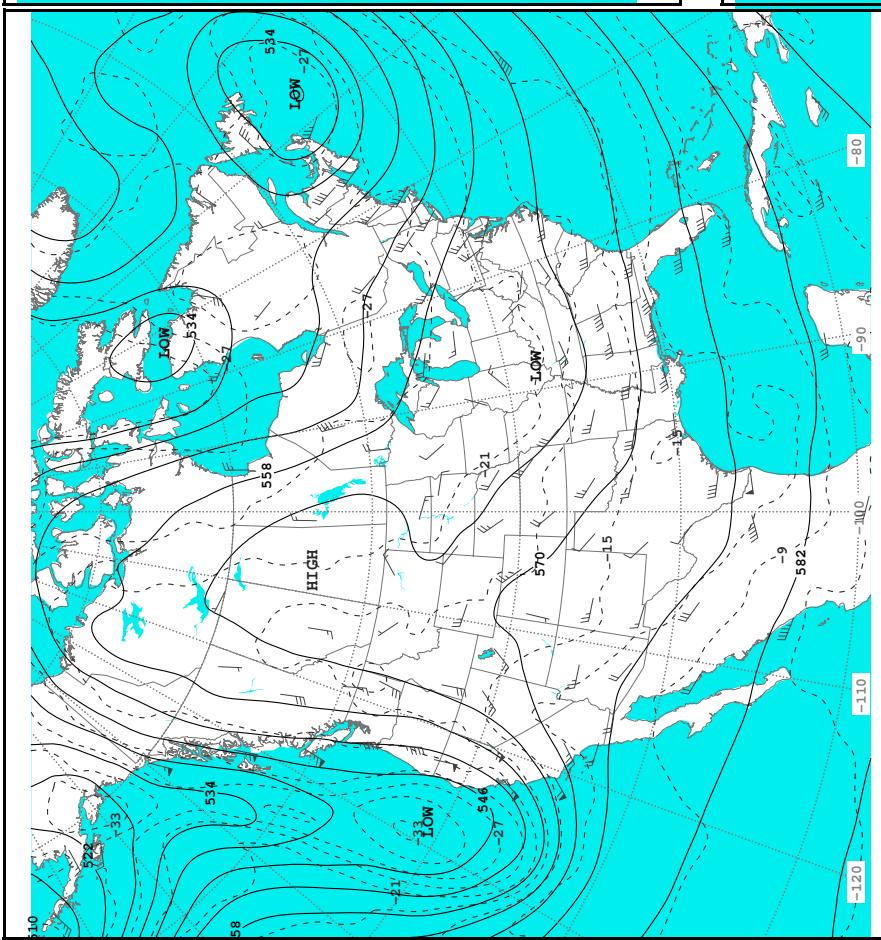
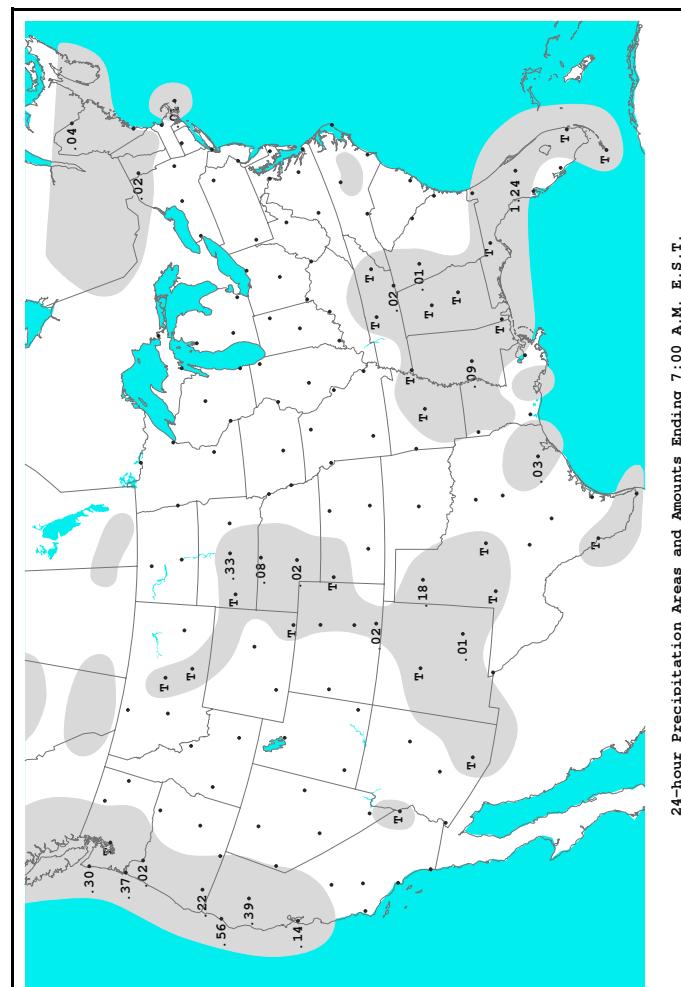
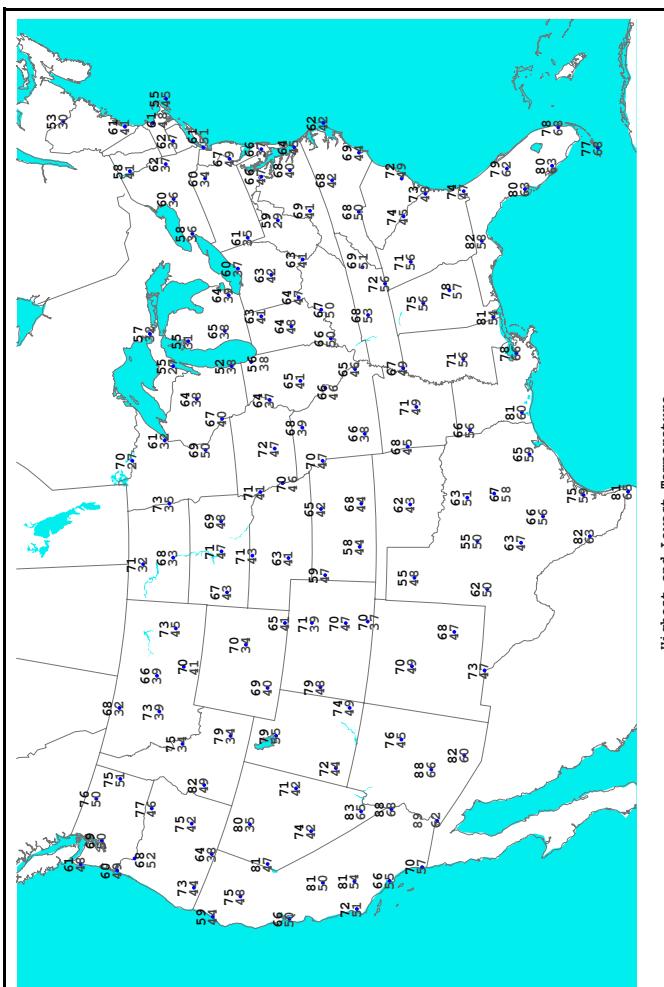
24-hour Precipitation Areas and Amounts Ending 7:00 A.M. E.S.T.



TUESDAY, APRIL 20, 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.

Wind Direction

Current Temperature (in °F)

Visibility (in miles)

Present Weather Symbol

Wind Speed

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)

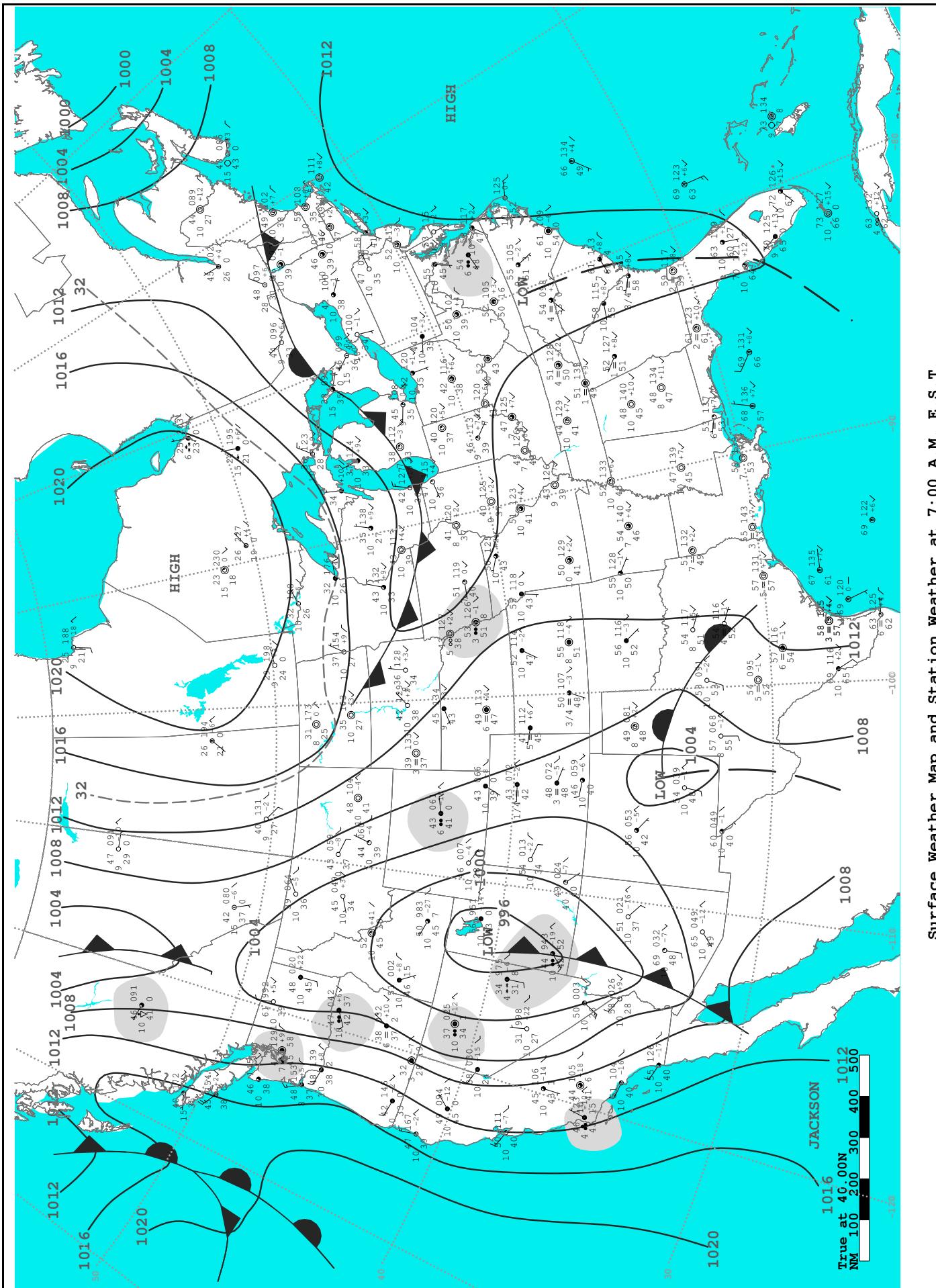
Sky Cover

Dew Point Temperature

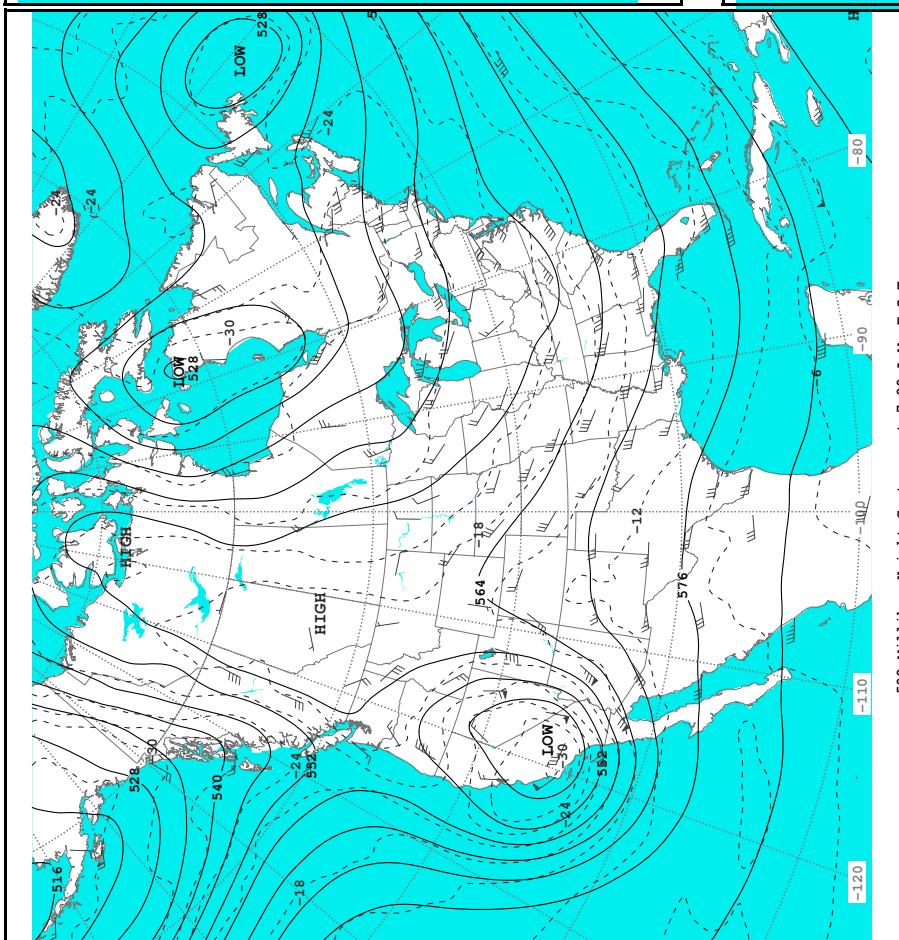
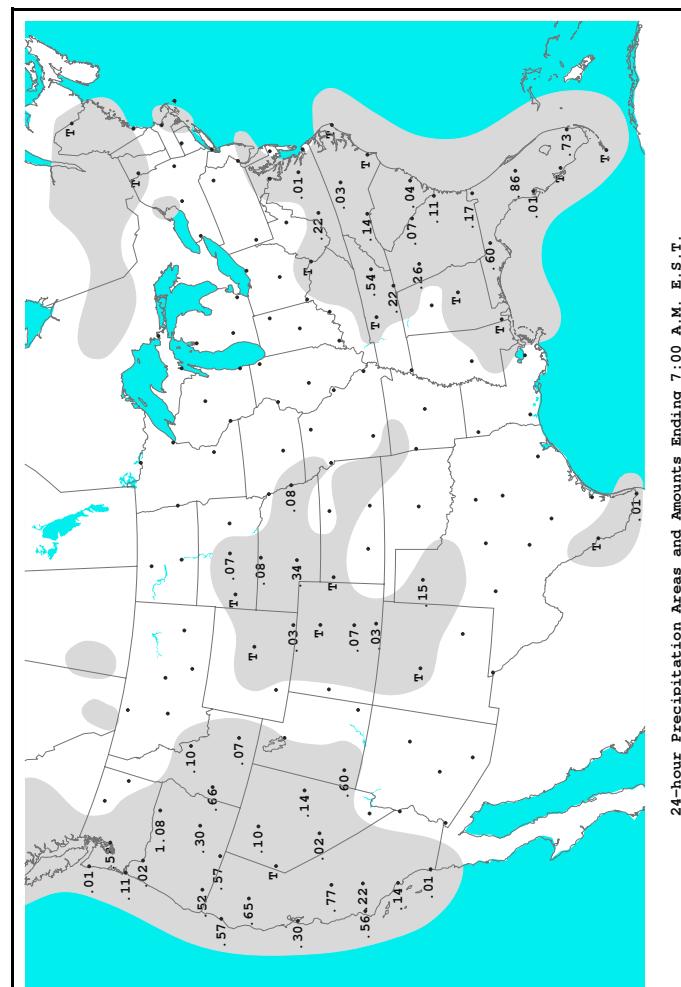
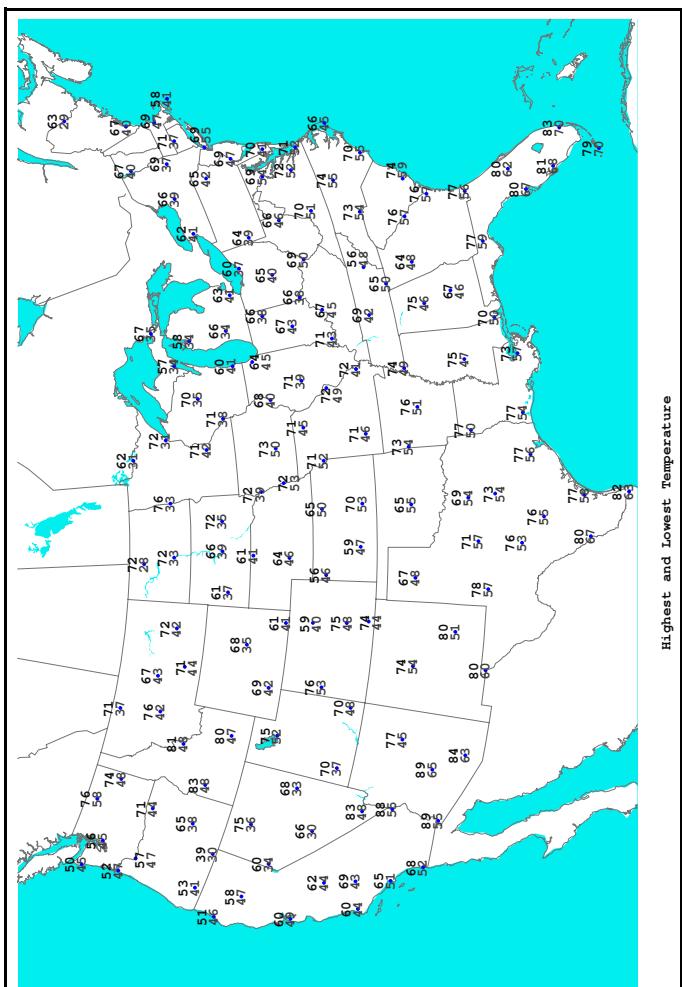
Station Model

TUESDAY, APRIL 20, 2010

**WEDNESDAY, APRIL 21, 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.

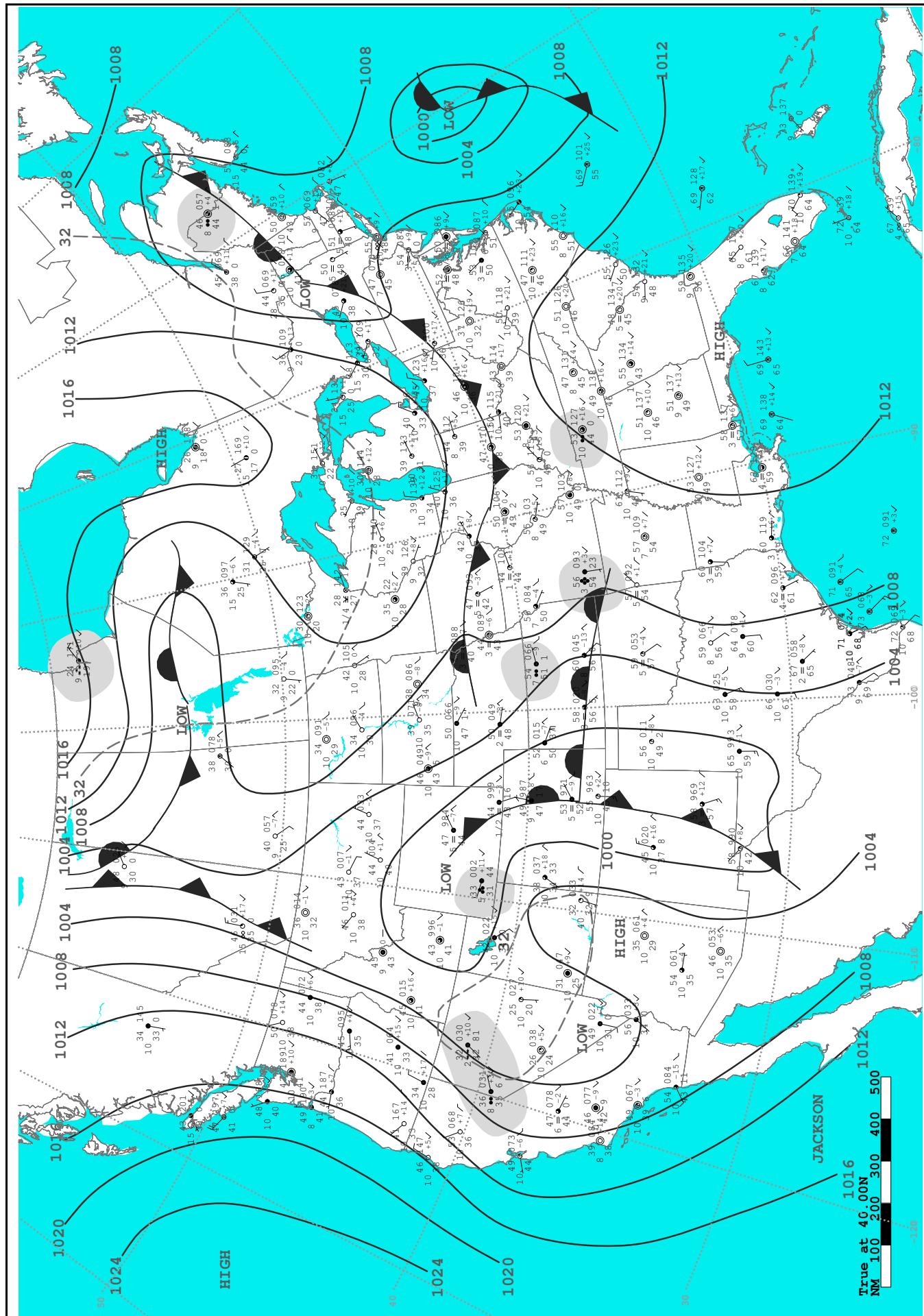
The diagram illustrates a weather map with various symbols:

- Wind Direction:** Indicated by a horizontal line with arrows pointing from left to right, labeled "Wind Direction".
- Current Temperature (in °F):** Indicated by a small circle with a vertical line through it, labeled "Current Temperature (in °F)".
- Visibility (in miles):** Indicated by a small circle with a diagonal line through it, labeled "Visibility (in miles)".
- Present Weather Symbol:** Indicated by a large black circle, labeled "Present Weather Symbol".
- Wind Speed:** Indicated by a symbol consisting of two vertical lines with a diagonal line between them, labeled "Wind Speed".
- Long Feather - 10 knots:** Indicated by a symbol with a long vertical line and a short diagonal line extending from its top, labeled "Long Feather - 10 knots".
- Short Feather - 5 knots:** Indicated by a symbol with a short vertical line and a short diagonal line extending from its top, labeled "Short Feather - 5 knots".
- 3-Digit Surface Pressure (in tenths):** Indicated by a symbol with three vertical lines, labeled "3-Digit Surface Pressure (in tenths)". Examples given are 989 = 998.9mb, 012 = 1001.2mb.
- 3-Hour Pressure Tendency (in tenths):** Indicated by a symbol with three vertical lines and a small circle at the bottom, labeled "3-Hour Pressure Tendency (in tenths)". Examples given are RR = 000, TD = 001, VV = 002.
- 6-Hour Total Precipitation (in hundredths of an inch):** Indicated by a symbol with three vertical lines and a small circle at the bottom, labeled "6-Hour Total Precipitation (in hundredths of an inch)". Examples given are RR = 000, TD = 001, VV = 002.

## Station Model

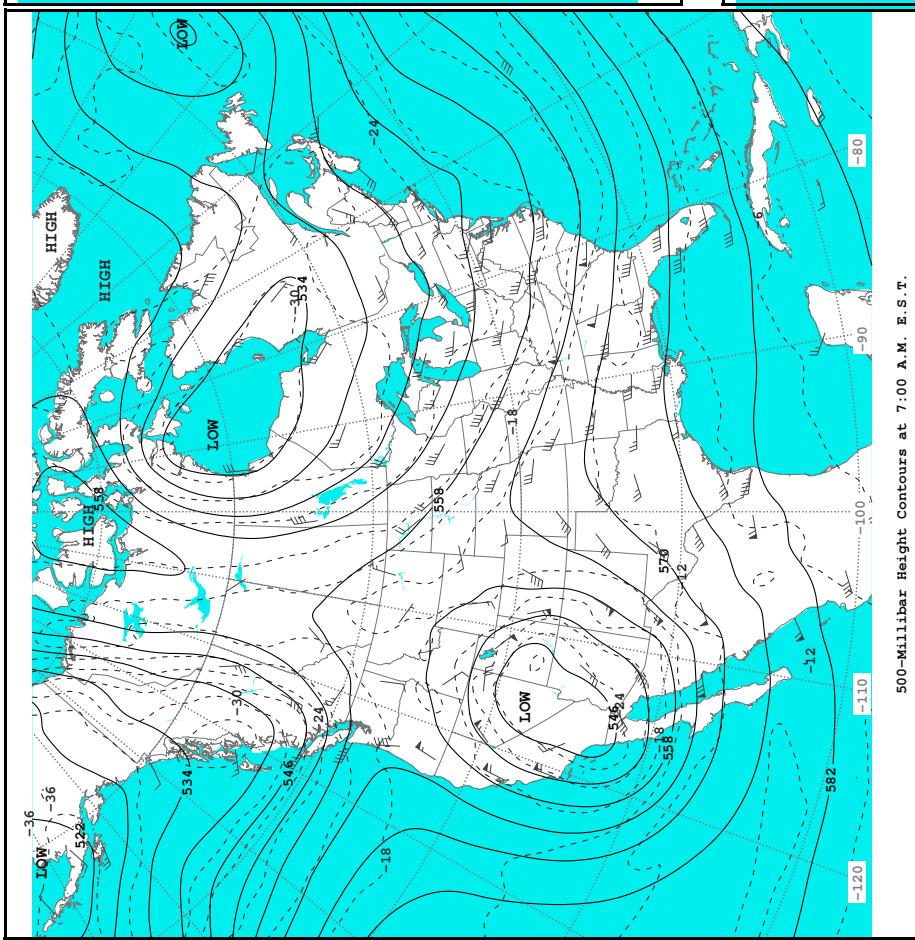
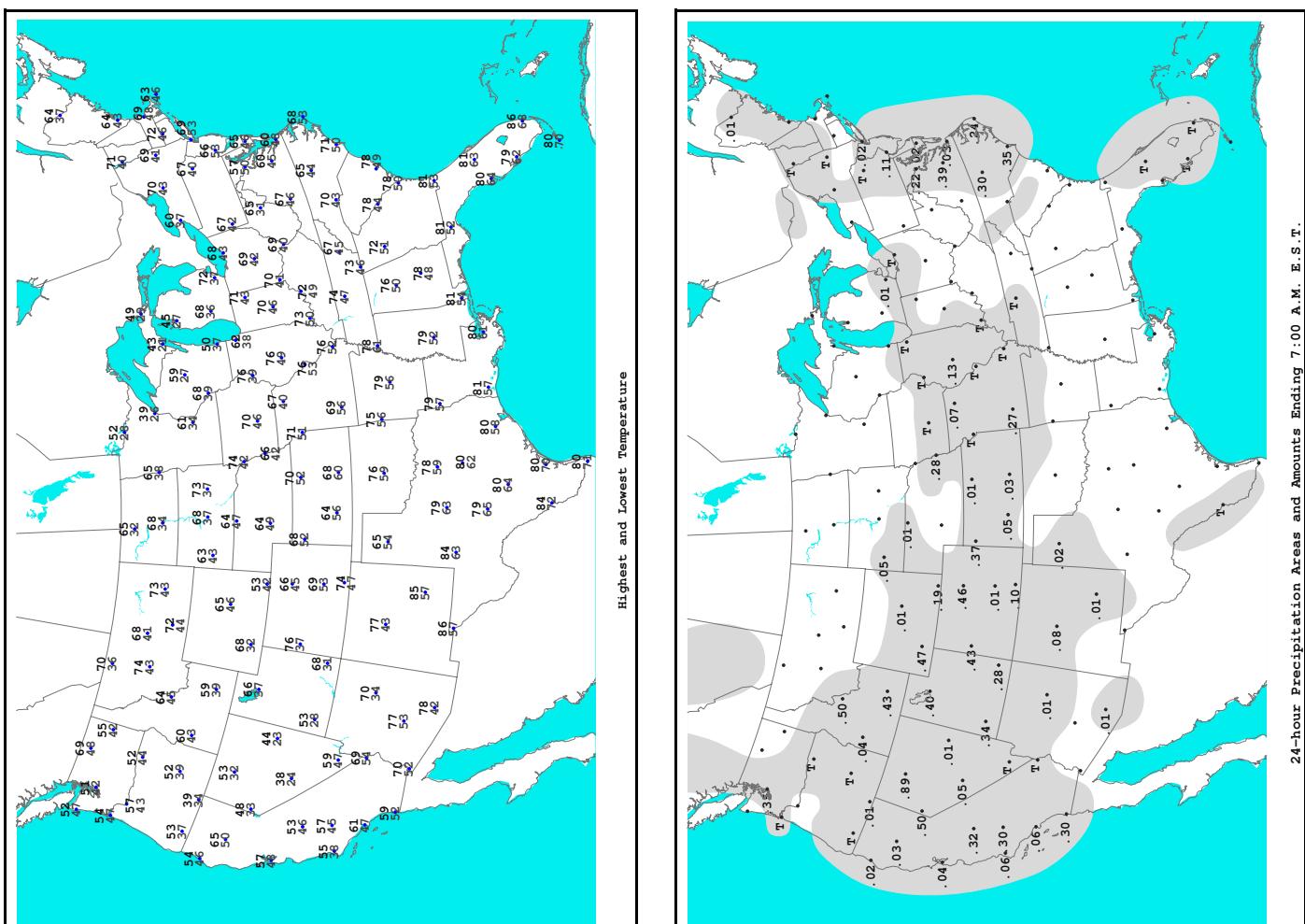
WEDNESDAY, APRIL 21, 2010

THURSDAY, APRIL 22, 2010



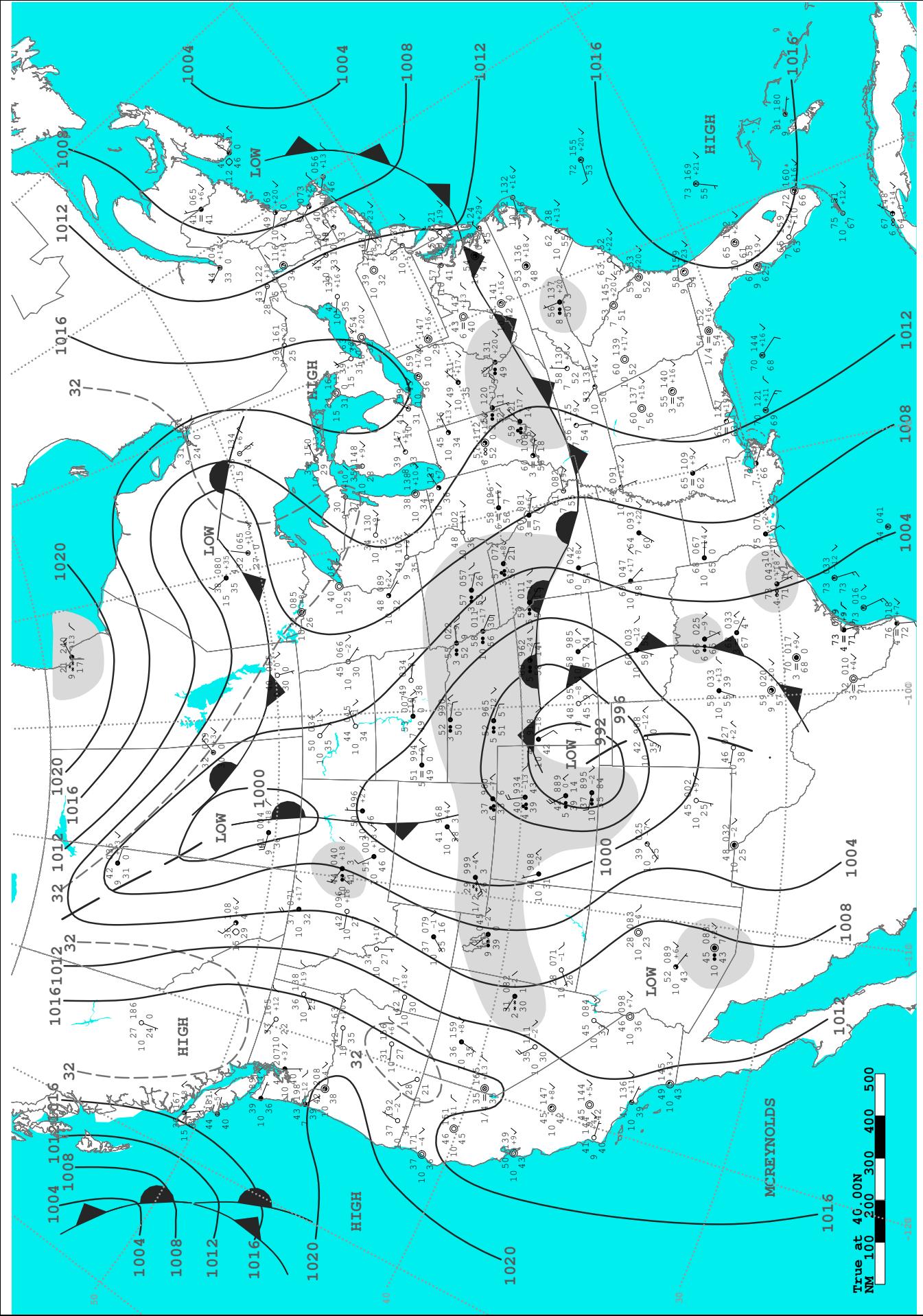
Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.

**THURSDAY, APRIL 22, 2010**

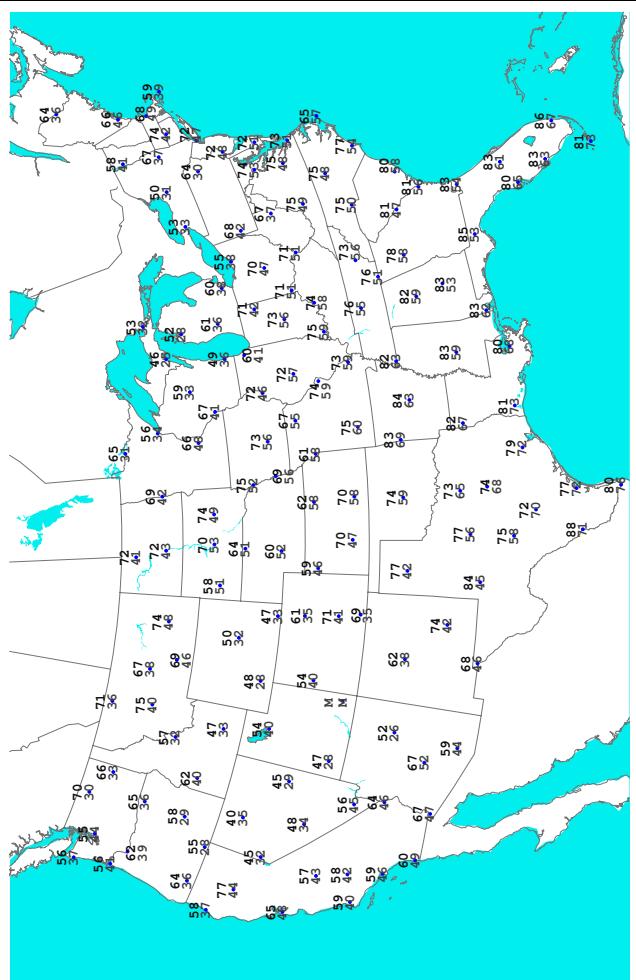


|                             |   |
|-----------------------------|---|
| Wind Direction              | Wind Speed  |
| Current Temperature (in °F) | Long Feather - 10 knots   |
| Visibility (in miles)       | Short Feather - 5 knots   |
| Present Weather Symbol      | 3-Digit Surface Pressure (in tenths), EX:<br>989 = 998.9mb,<br>012 = 1001.2mb |
| Dew Point Temperature       | 3-Hour Pressure Tendency (in tenths)  |
| RR                          | 6-Hour Total Precipitation (in hundredths of an inch)                         |
| TD                          | Sky Cover   |
| VWW                         | Station Model   |
| TT                          |   |
| PP                          |   |
| dd                          |   |
| ffff                        |   |
| PPP                         |   |
| PP a                        |   |

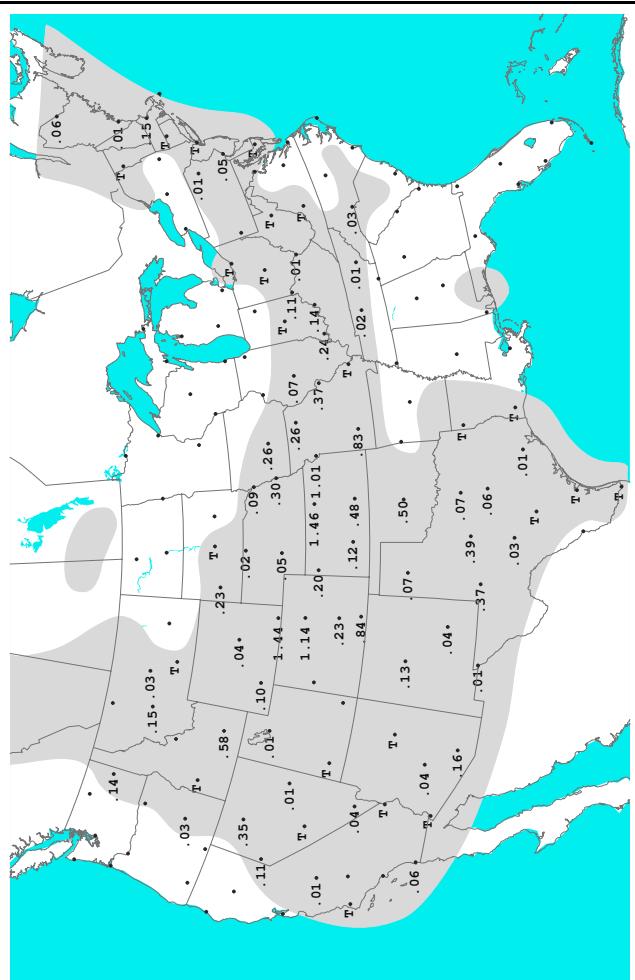
**FRIDAY, APRIL 23, 2010**



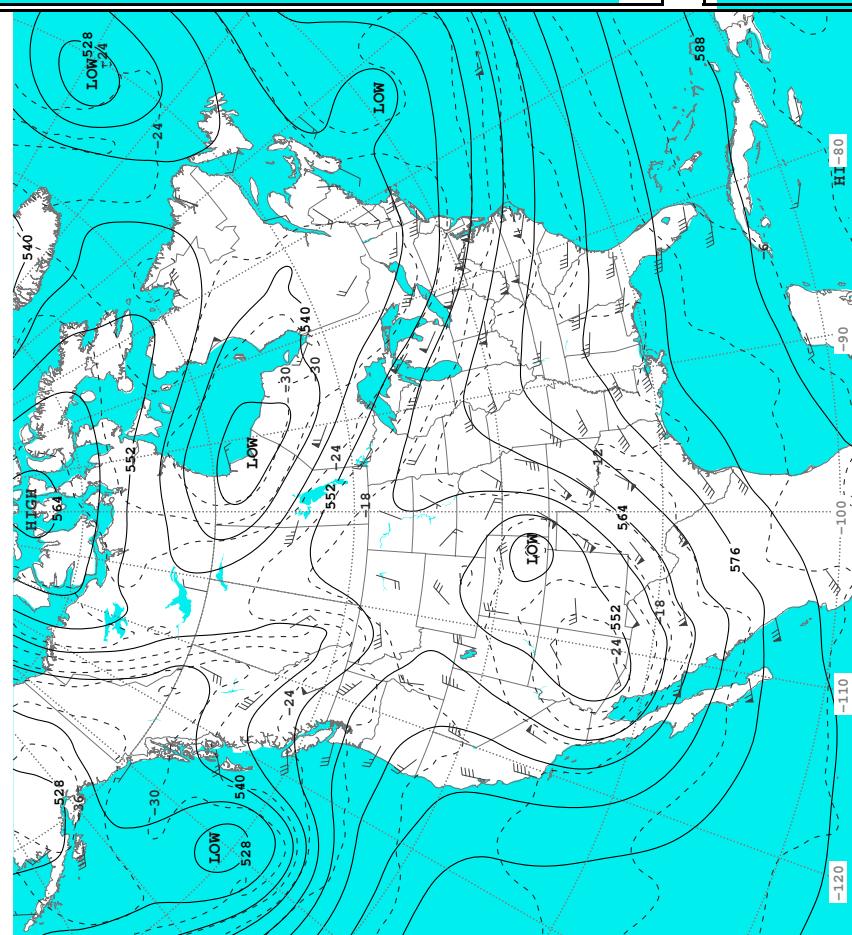
Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.



Highest and Lowest Temperature



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



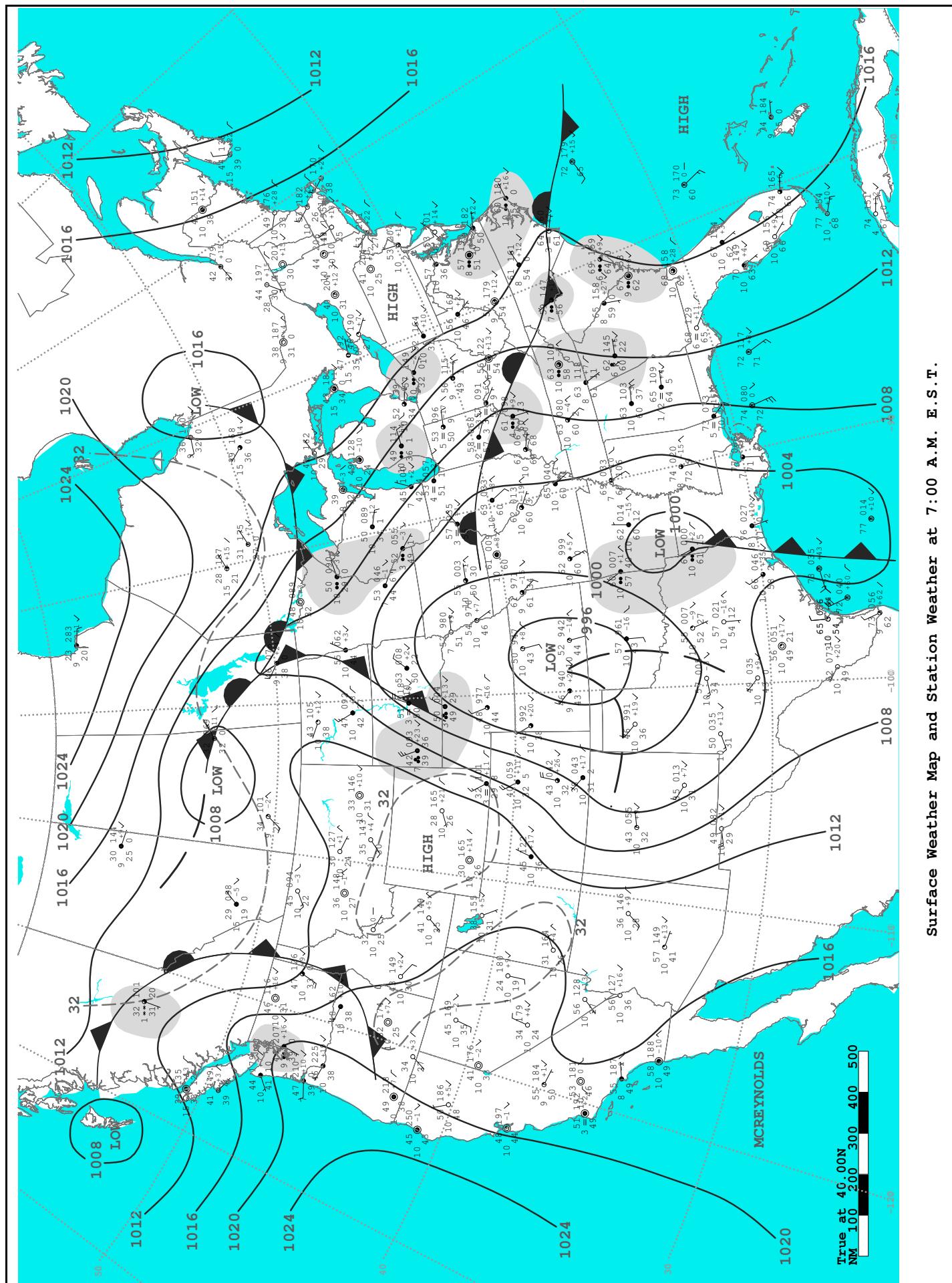
500-Millibar Height Contours at 7:00 A.M. E.S.T.

|                             |  |  |
|-----------------------------|--|--|
| Wind Direction              |  | Wind Speed<br>Long Feather - 10 knots<br>Short Feather - 5 knots |
| Current Temperature (in °F) |  | 3-Digit Surface Pressure (in tenths), EX:<br>989 = 998.9mb,      |
| Visibility (in miles)       |  | 012 = 1001.2mb   |
| Present Weather Symbol      |  | 3-Hour Pressure Tendency (in tenths)                             |
| Dew Point Temperature       |  | 6-Hour Total Precipitation (in hundredths of an inch)            |
| Sky Cover                   |  |  |

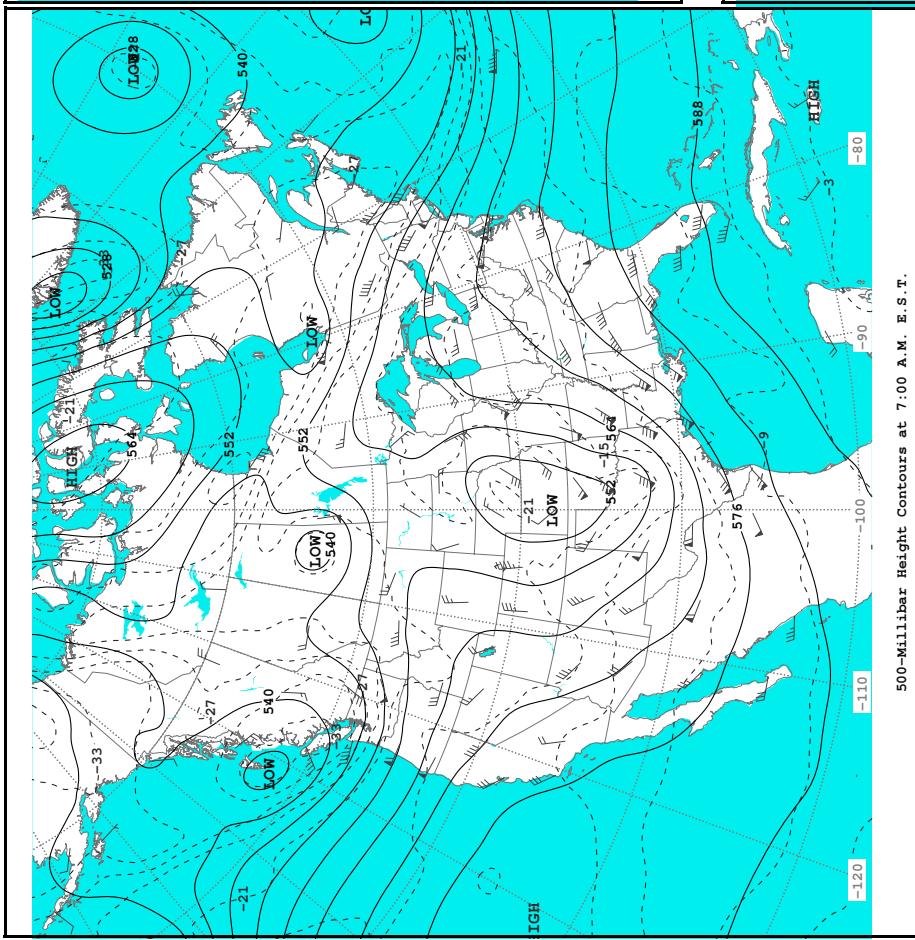
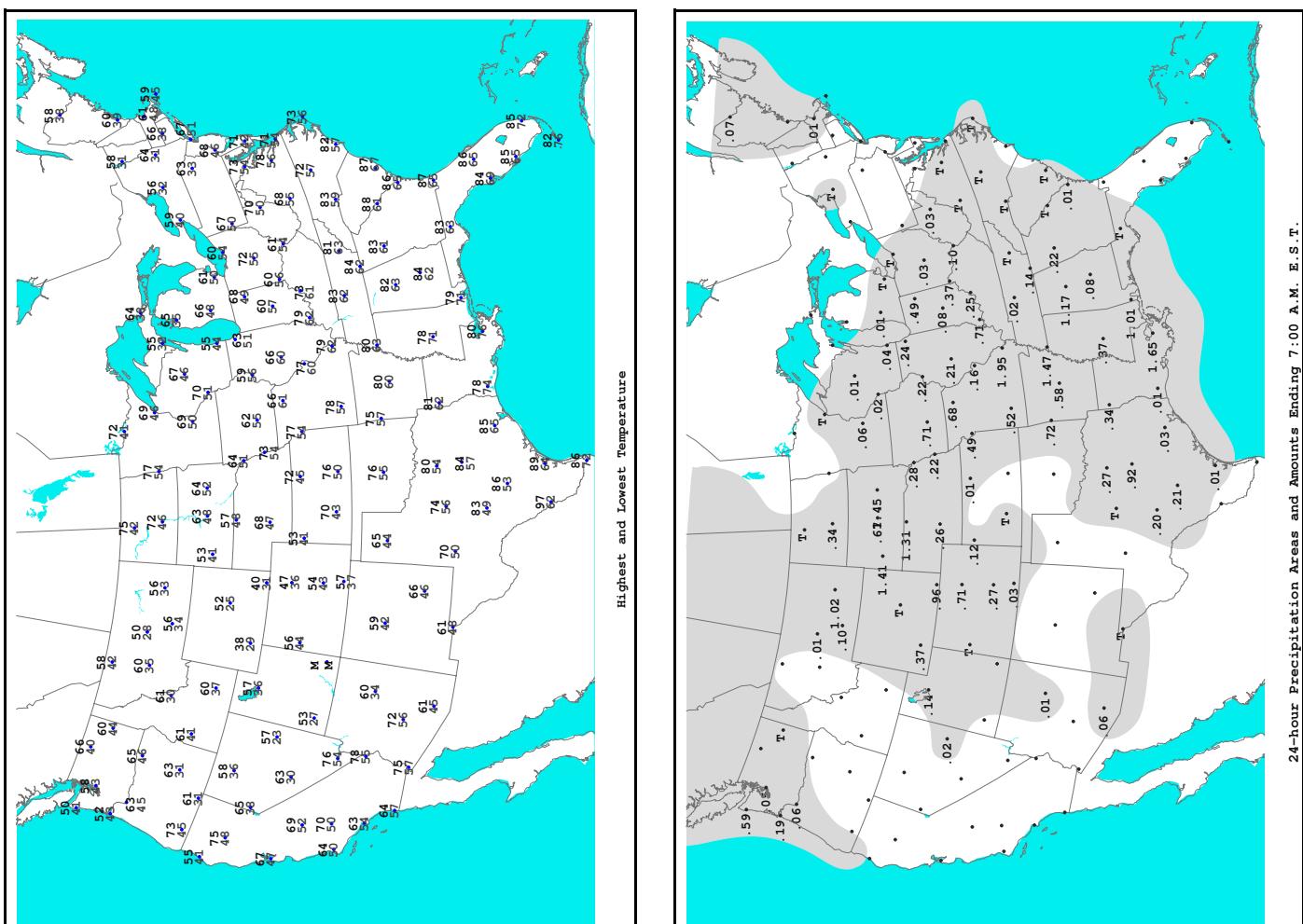
## Station Model

**FRIDAY, APRIL 23, 2010**

SATURDAY, APRIL 24, 2010



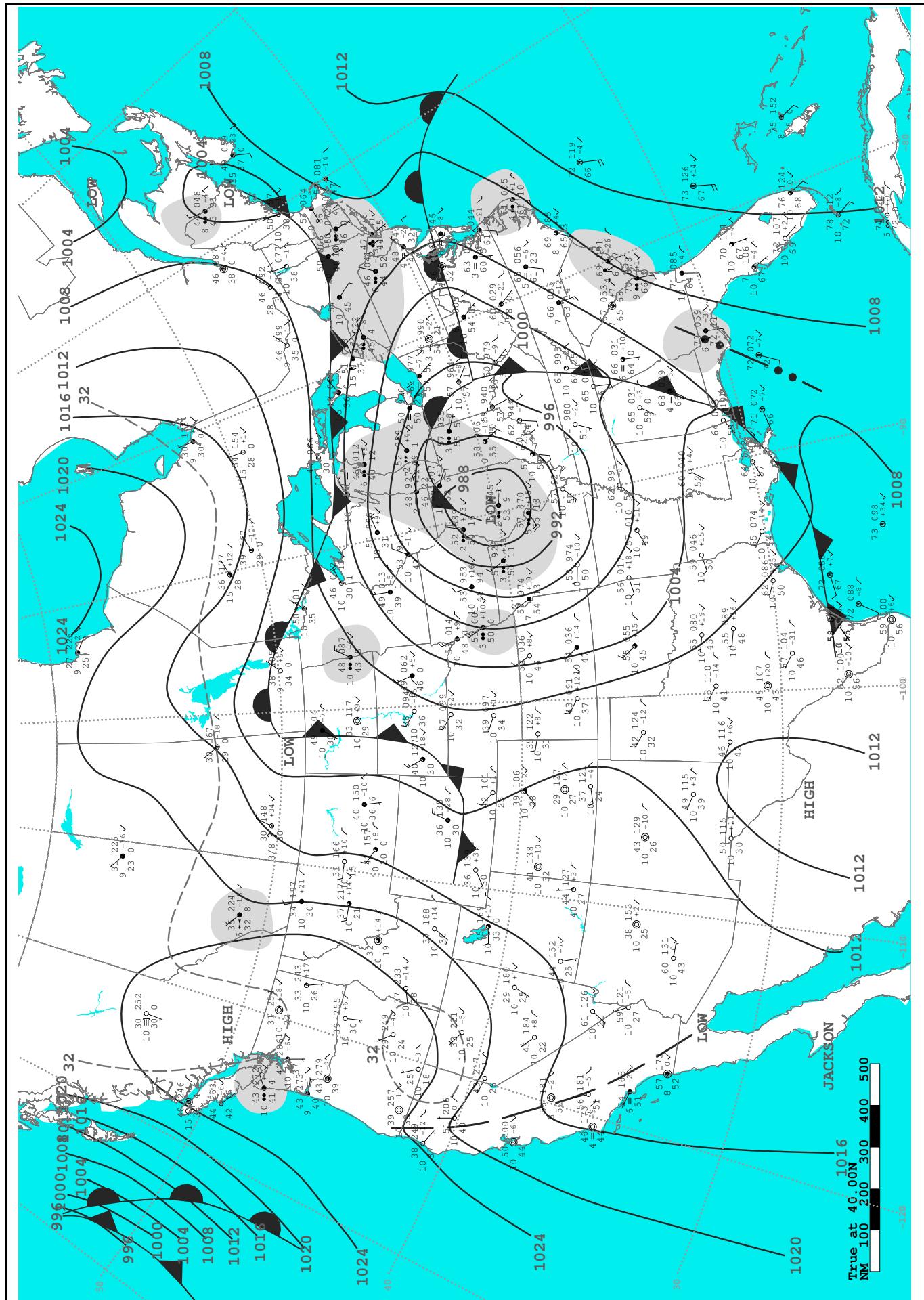
# SATURDAY, APRIL 24, 2010



|                             |  |
|-----------------------------|--|
| Wind Direction              | Wind Speed<br>Long Feather - 10 knots<br>Short Feather - 5 knots |
| Current Temperature (in °F) | 3-Digit Surface Pressure (in tenths), EX:<br>988 = 998.9mb,      |
| Visibility (in miles)       | 012 = 1001.2mb   |
| Present Weather Symbol      | 3-Hour Pressure Tendency (in tenths)                             |
| Dew Point Temperature       | 6-Hour Total Precipitation (in hundredths of an inch)            |
| Sky Cover                   |  |

## Station Model

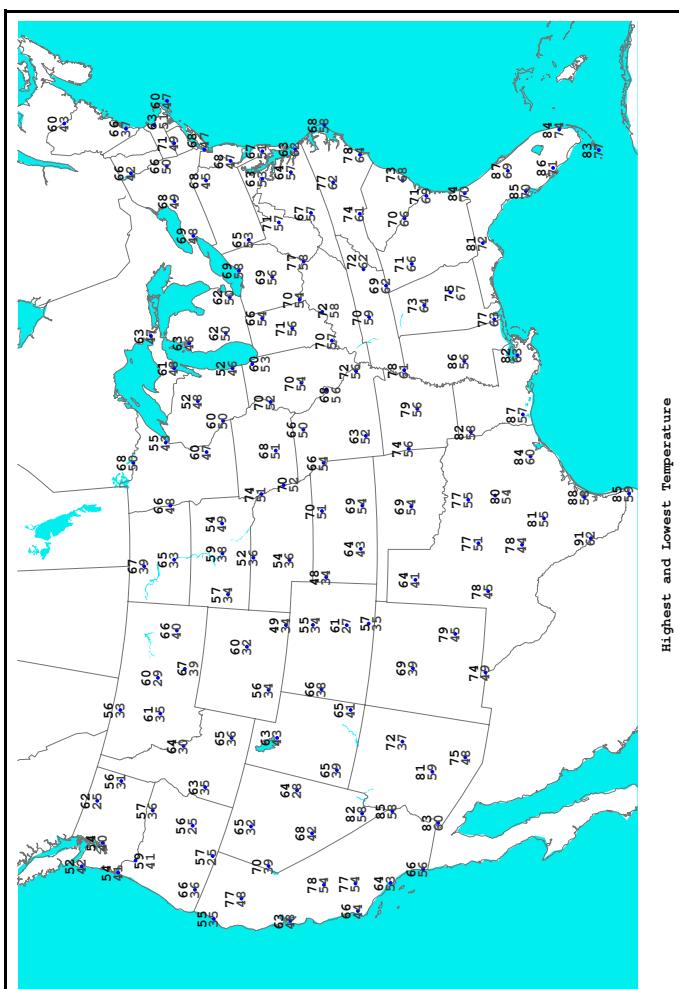
SUNDAY, APRIL 25, 2010



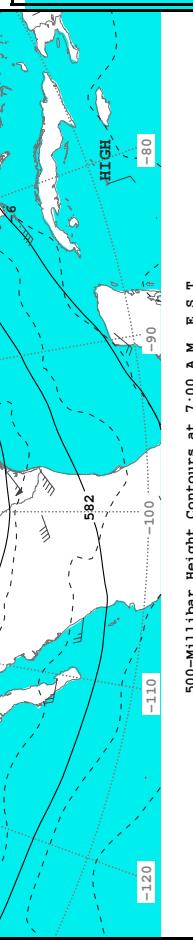
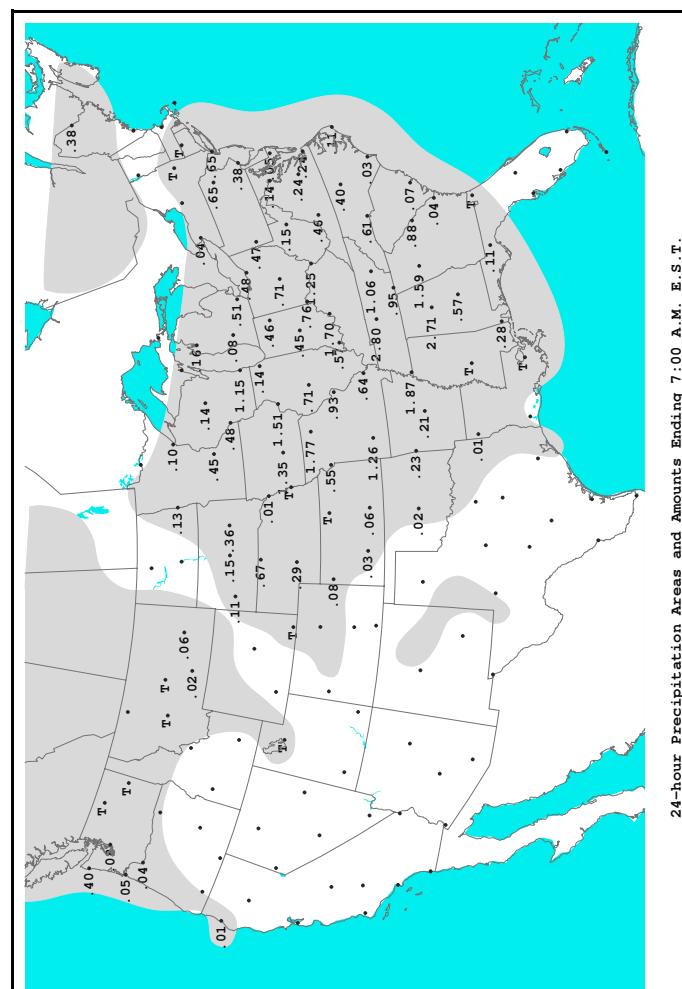
Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.

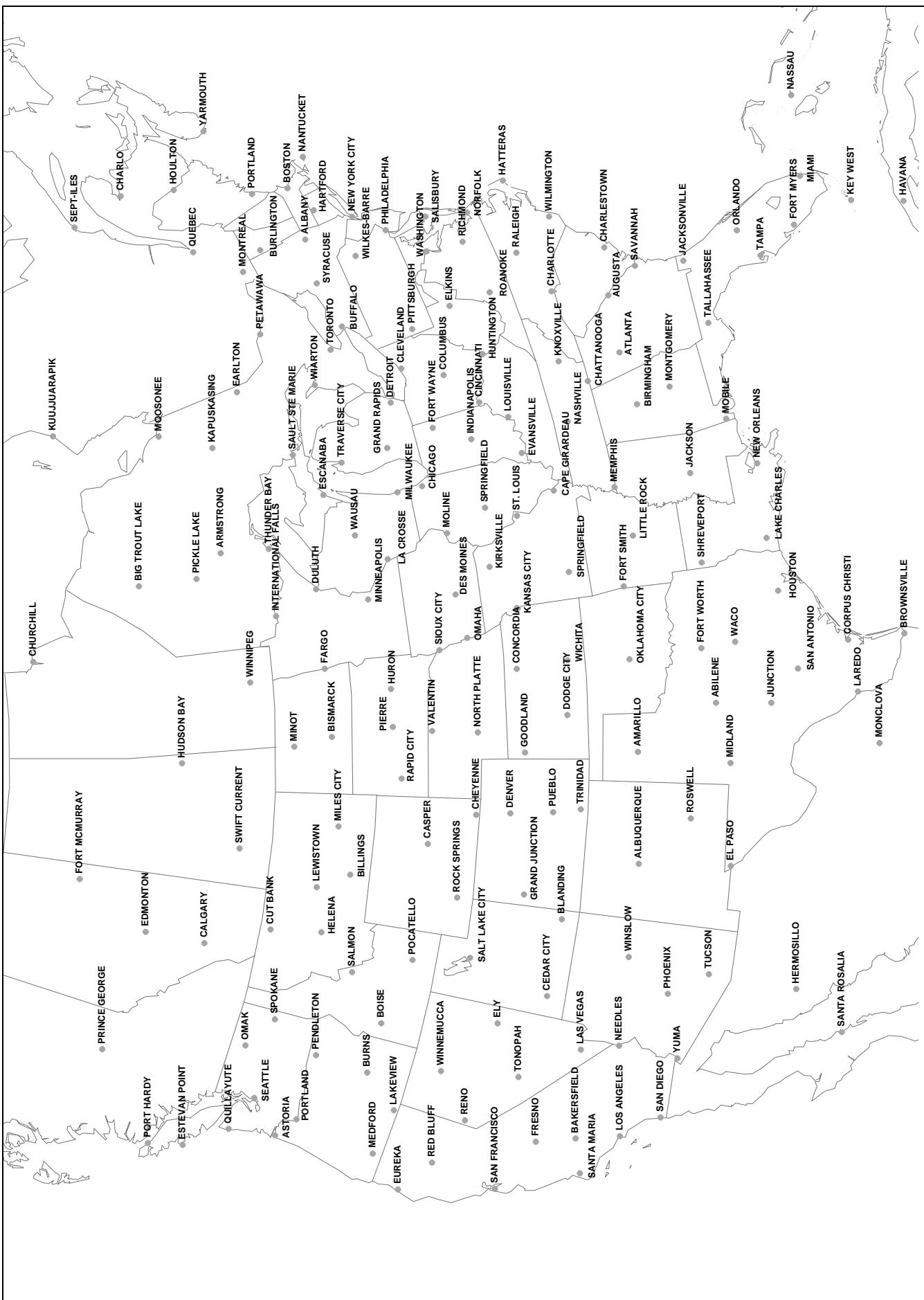
# SUNDAY, APRIL 25, 2010

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



Highest and Lowest Temperature





Daily Weather Map Station Names and Locations