



# Daily Weather Maps

MAY 26, 2008 - JUNE 1, 2008

Week 22

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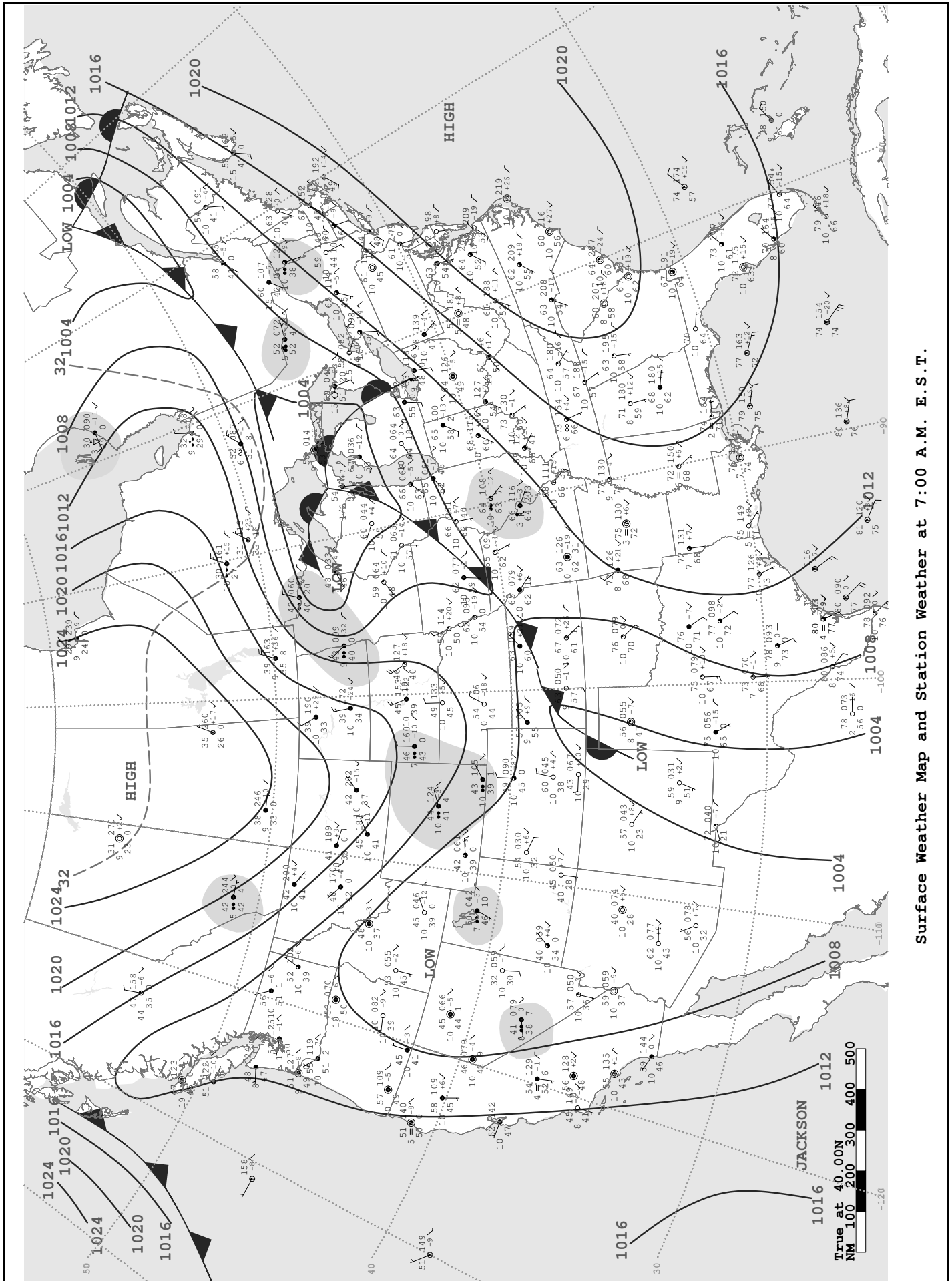
Correspondence to the meteorologists should be directed to: *Daily Weather Map*, NOAA/National Weather Service, Room 410, 5200 Auth Rd, Camp Springs, MD 20746.

The *Daily Weather Map* is available online at [www.hpc.ncep.noaa.gov/dwm/dwm.shtml](http://www.hpc.ncep.noaa.gov/dwm/dwm.shtml).

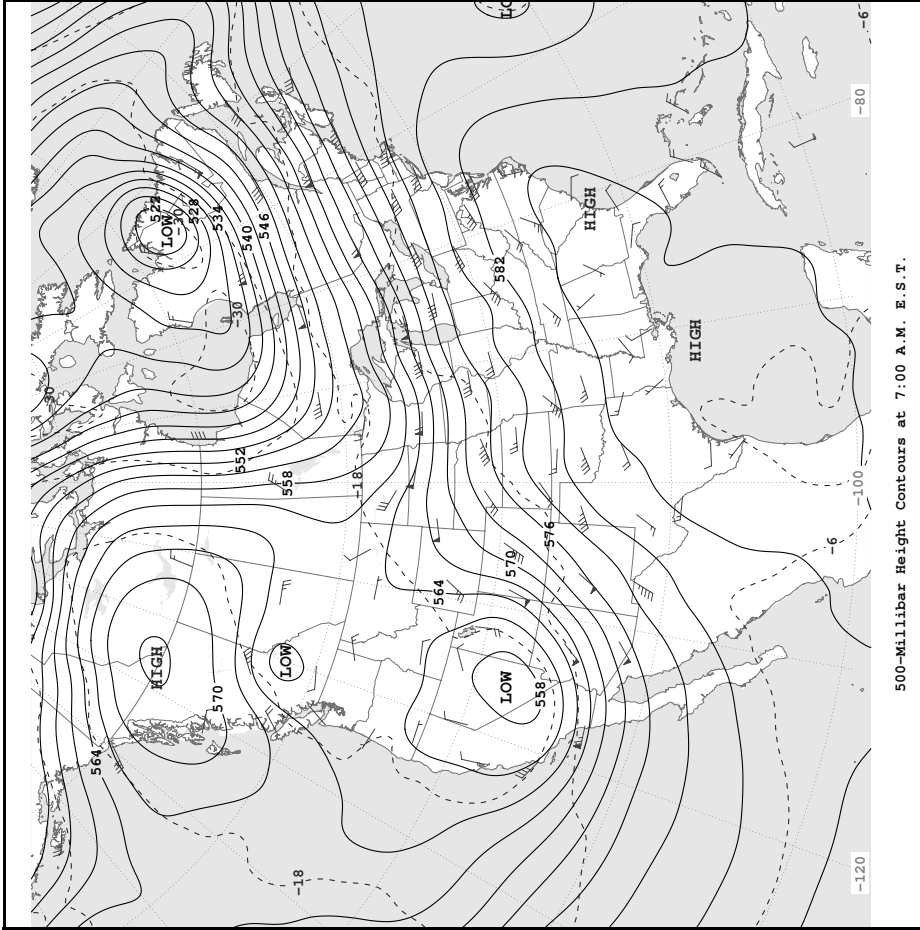
Current HPC products are available online at [www.hpc.ncep.noaa.gov](http://www.hpc.ncep.noaa.gov)

NOAA/NWS/NCEP/HPC  
Daily Weather Maps, W/NP3  
5200 Auth Road, Room 410  
Camp Springs, MD 20746-4304

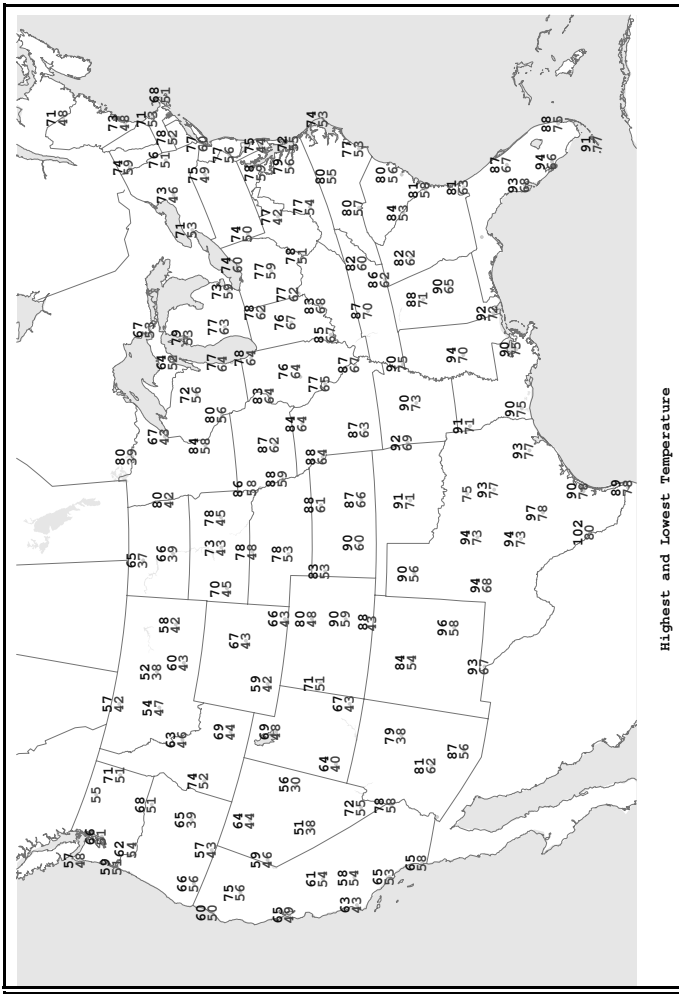
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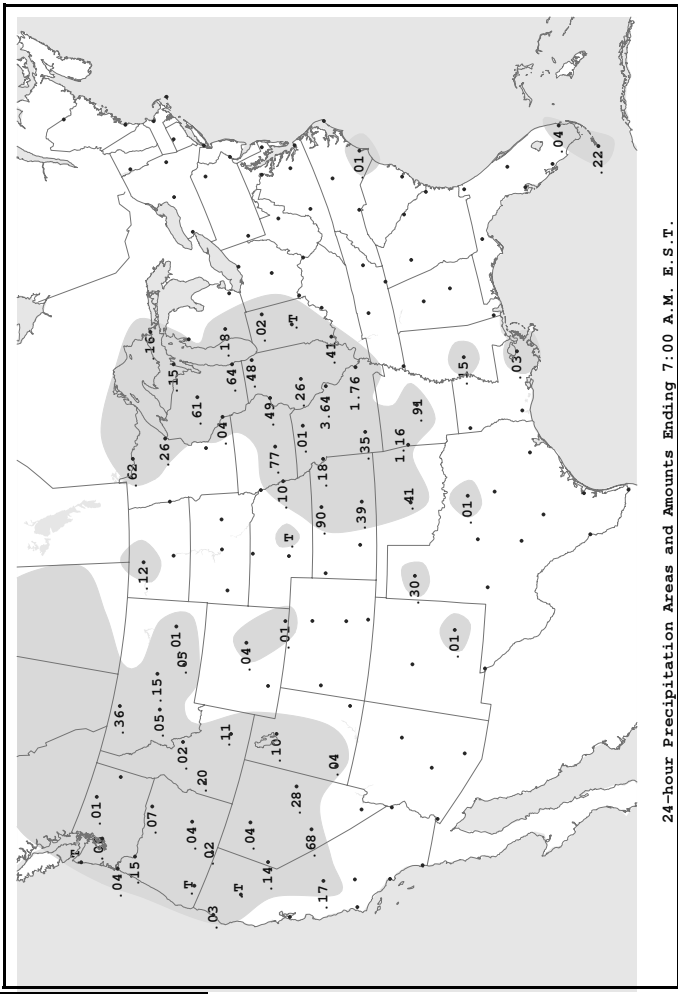
Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.



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.

**Station Model**

Wind Direction: **F** (feather) **ff** (feather) **ft** (feather)

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

Current Temperature (in °F): **dd**

Visibility (in miles): **V**

Present Weather Symbol: **TT**

Dew Point Temperature: **TT**

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

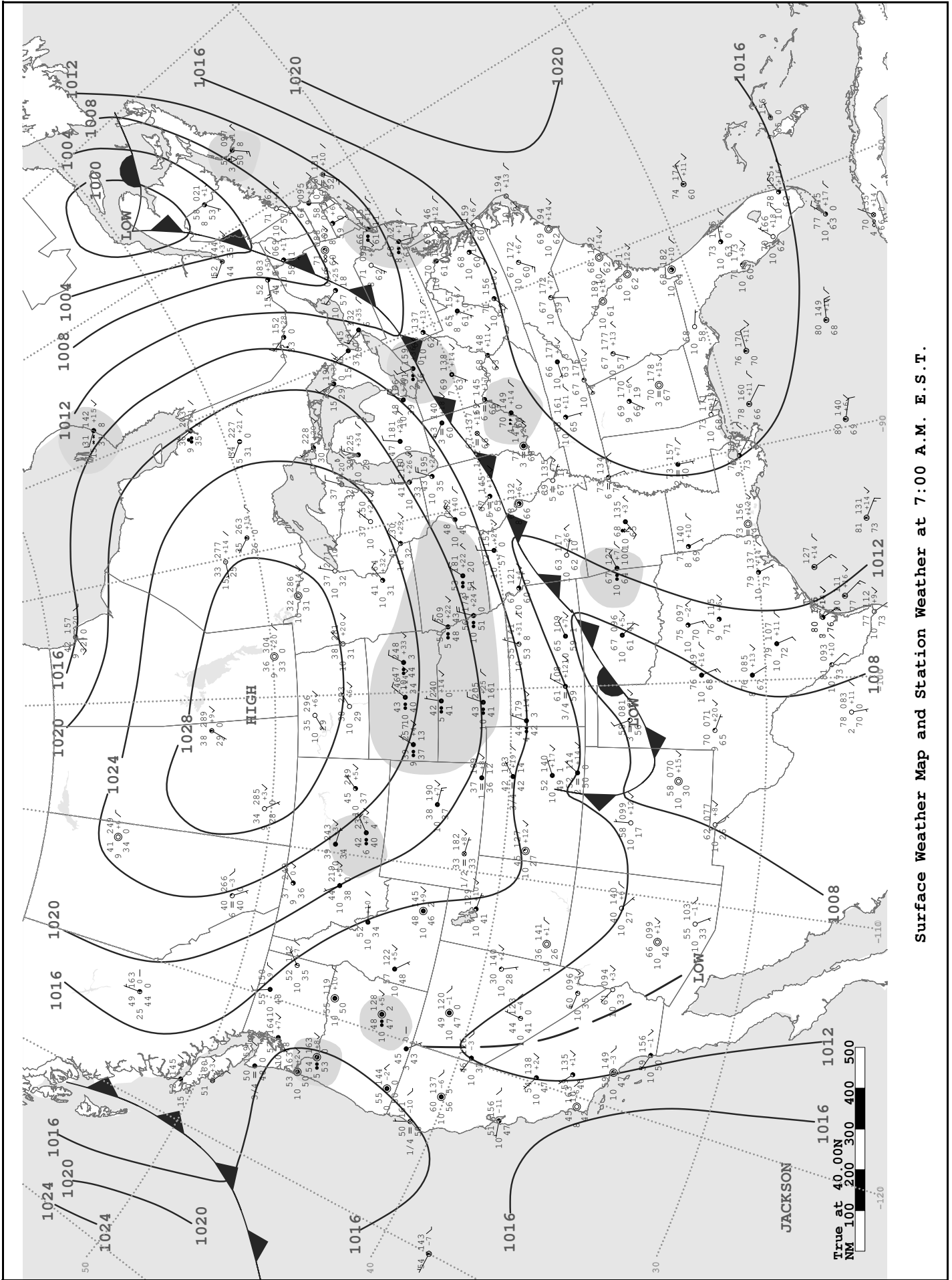
Ex: 989 = 998.9mb, 012 = 1001.2mb

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

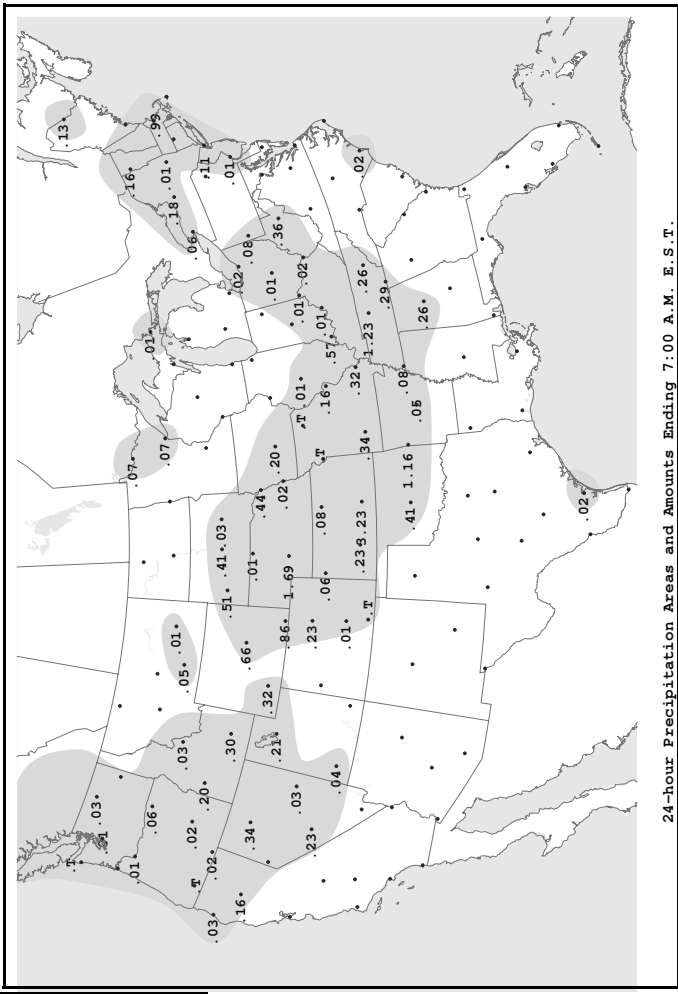
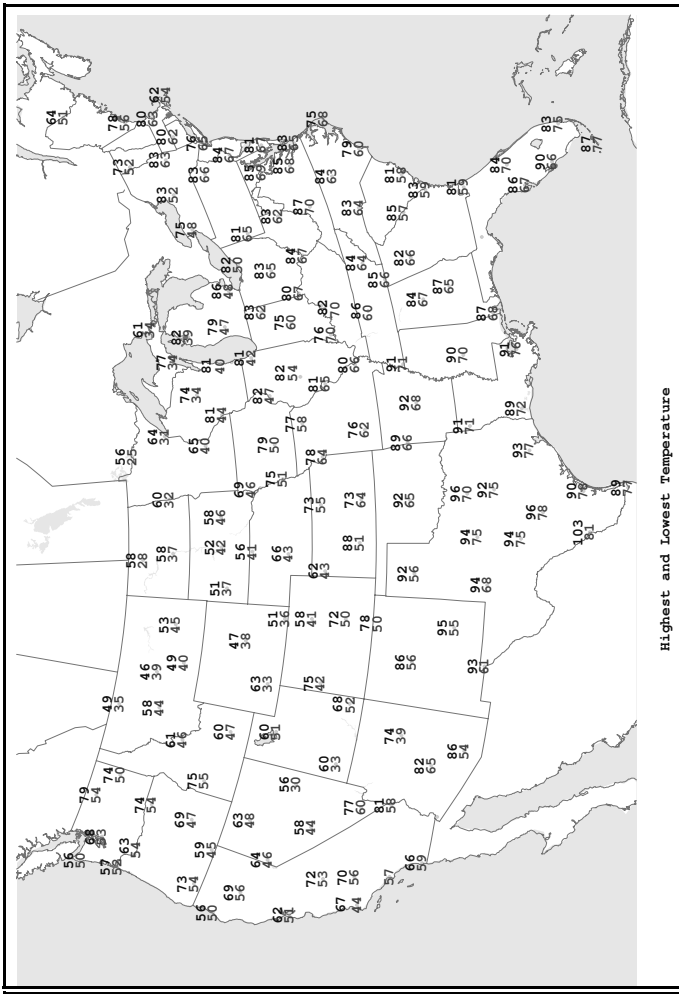
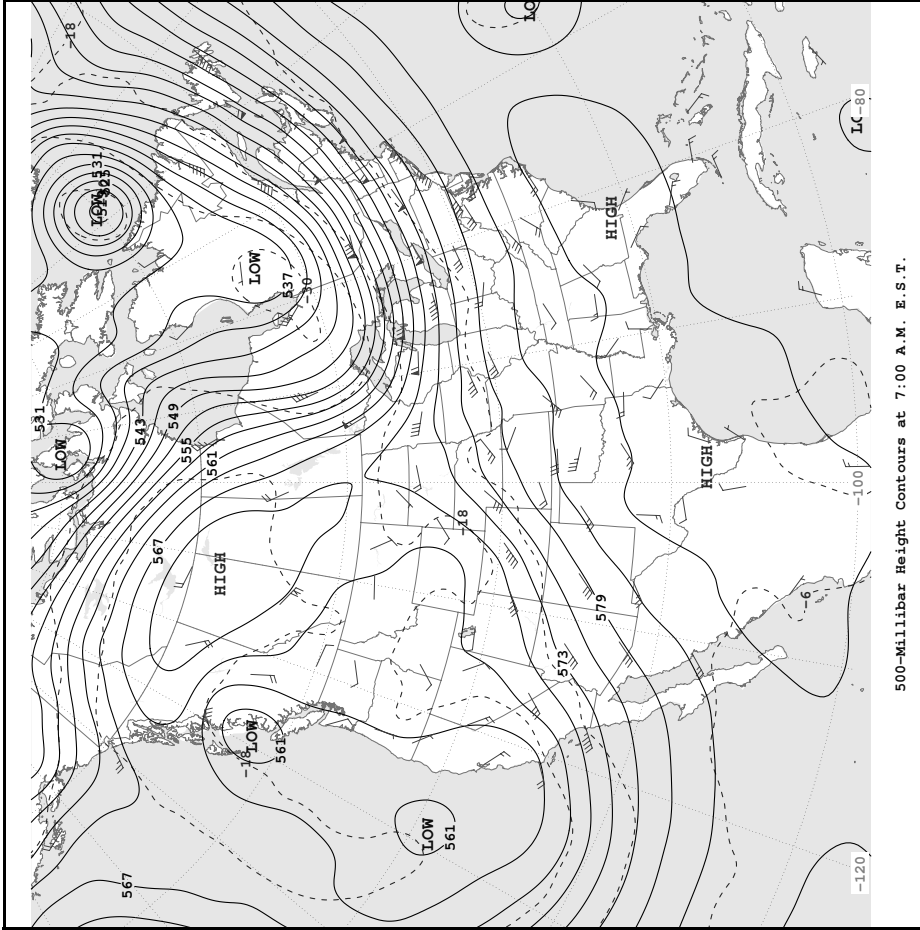
6 Hour Total Precipitation (in hundredths of an inch): **RR**

Sky Cover: **RR**

# MONDAY, MAY 26, 2008



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

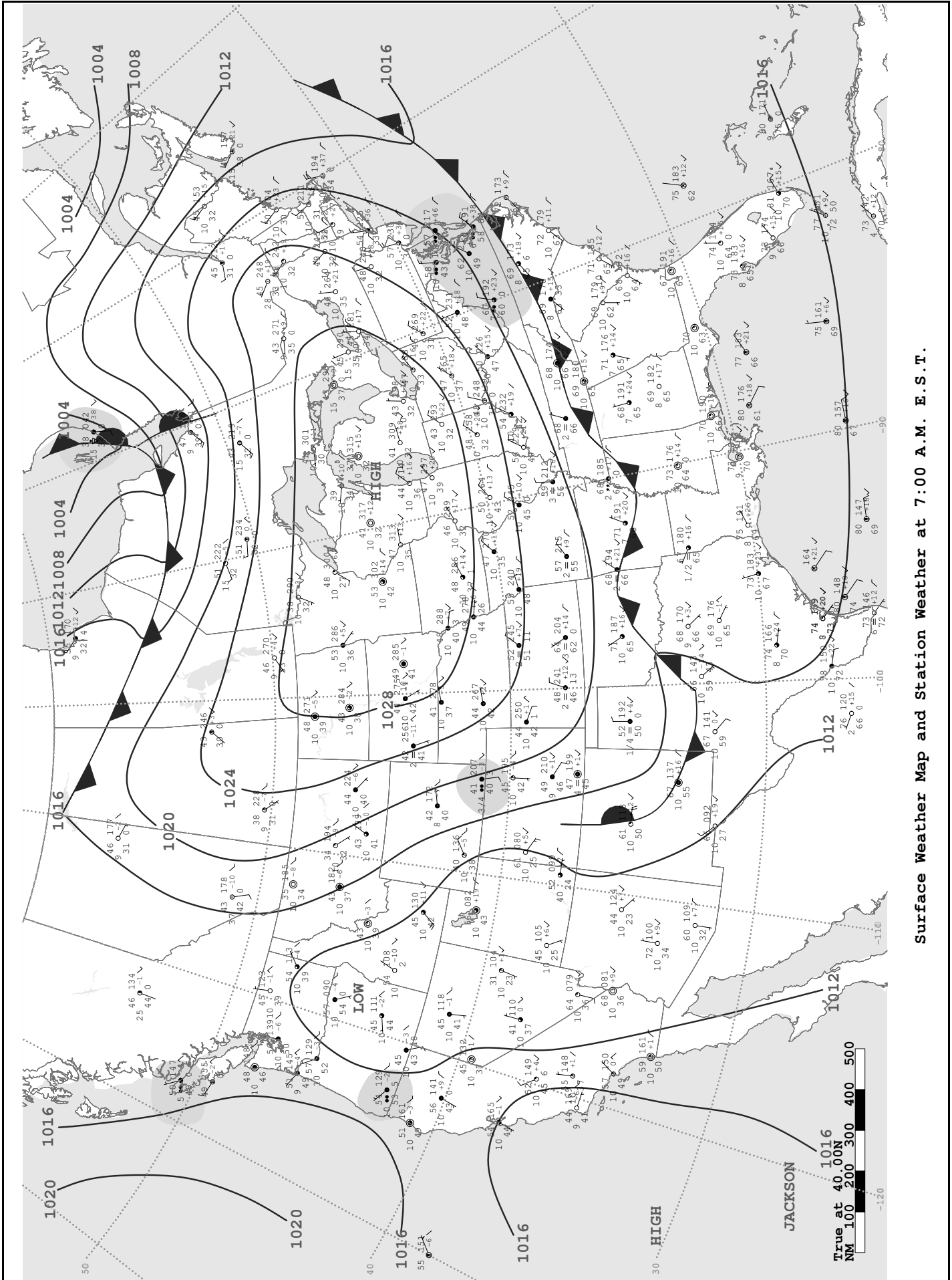


**Station Model**

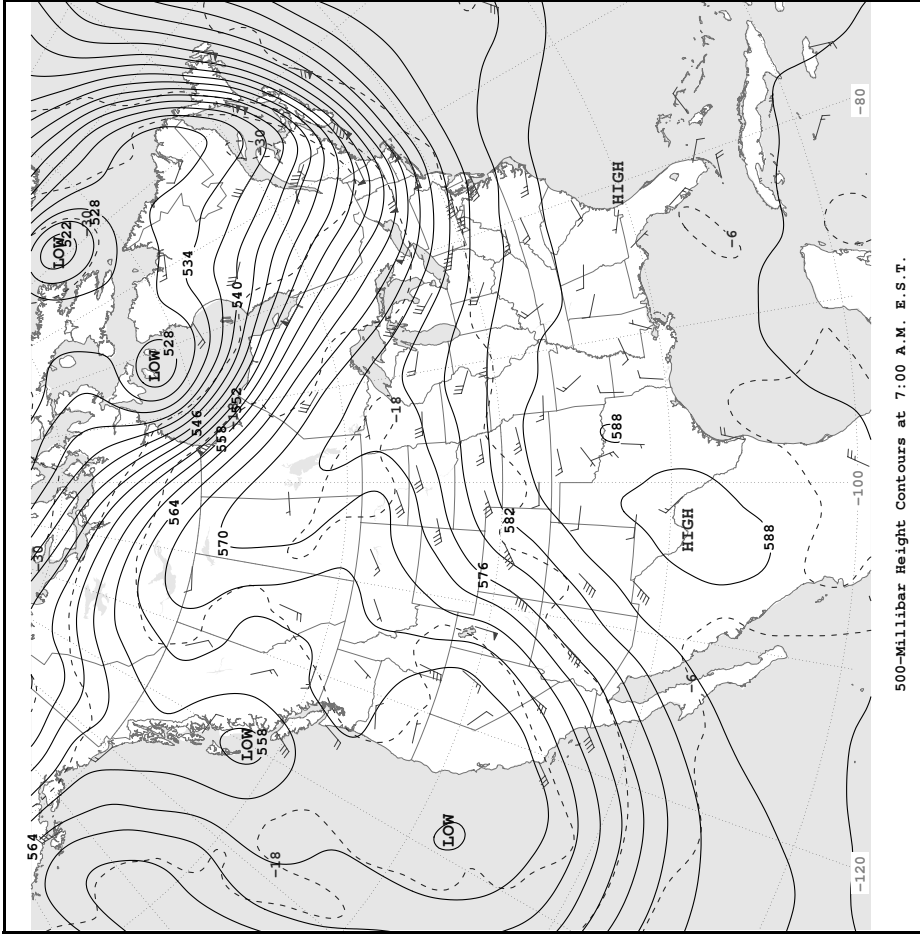
The diagram shows a station model with the following labels:

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

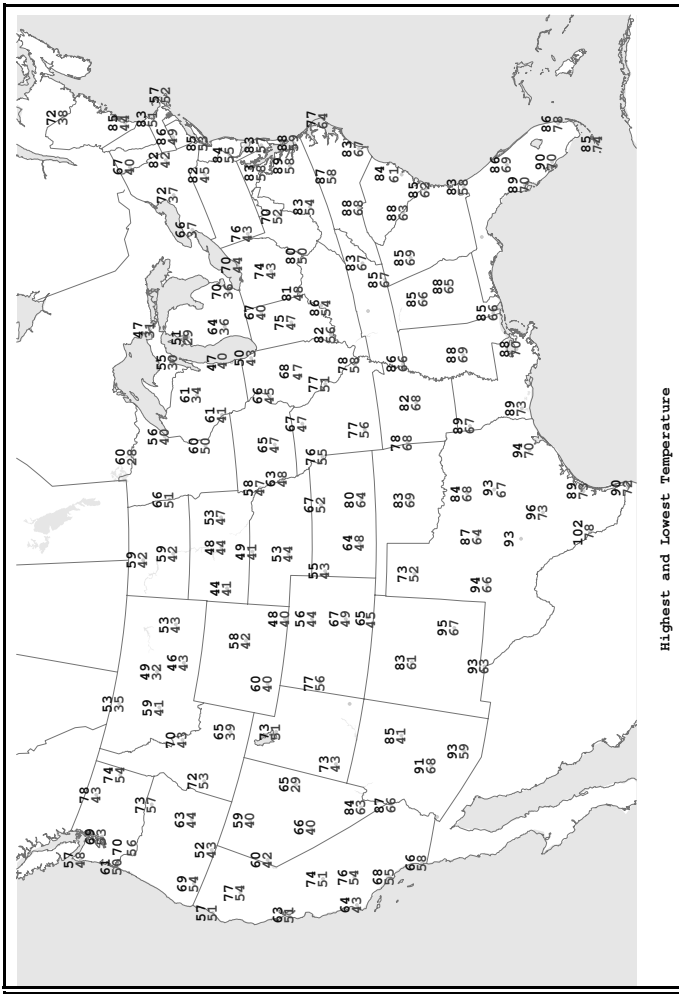
**TUESDAY, MAY 27, 2008**



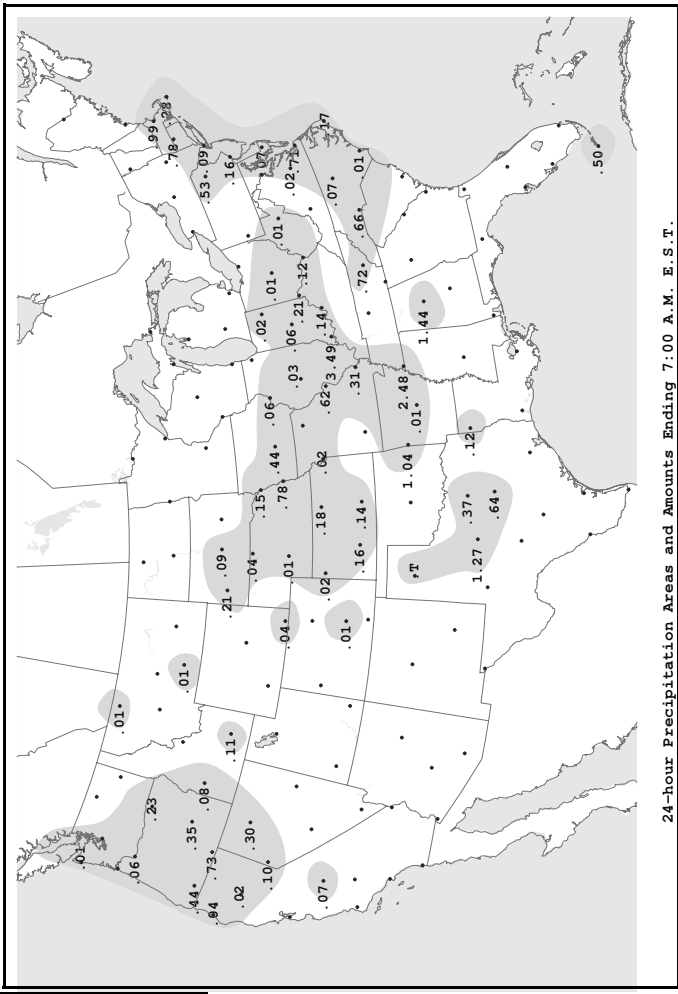
Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.



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



Highest and Lowest Temperature

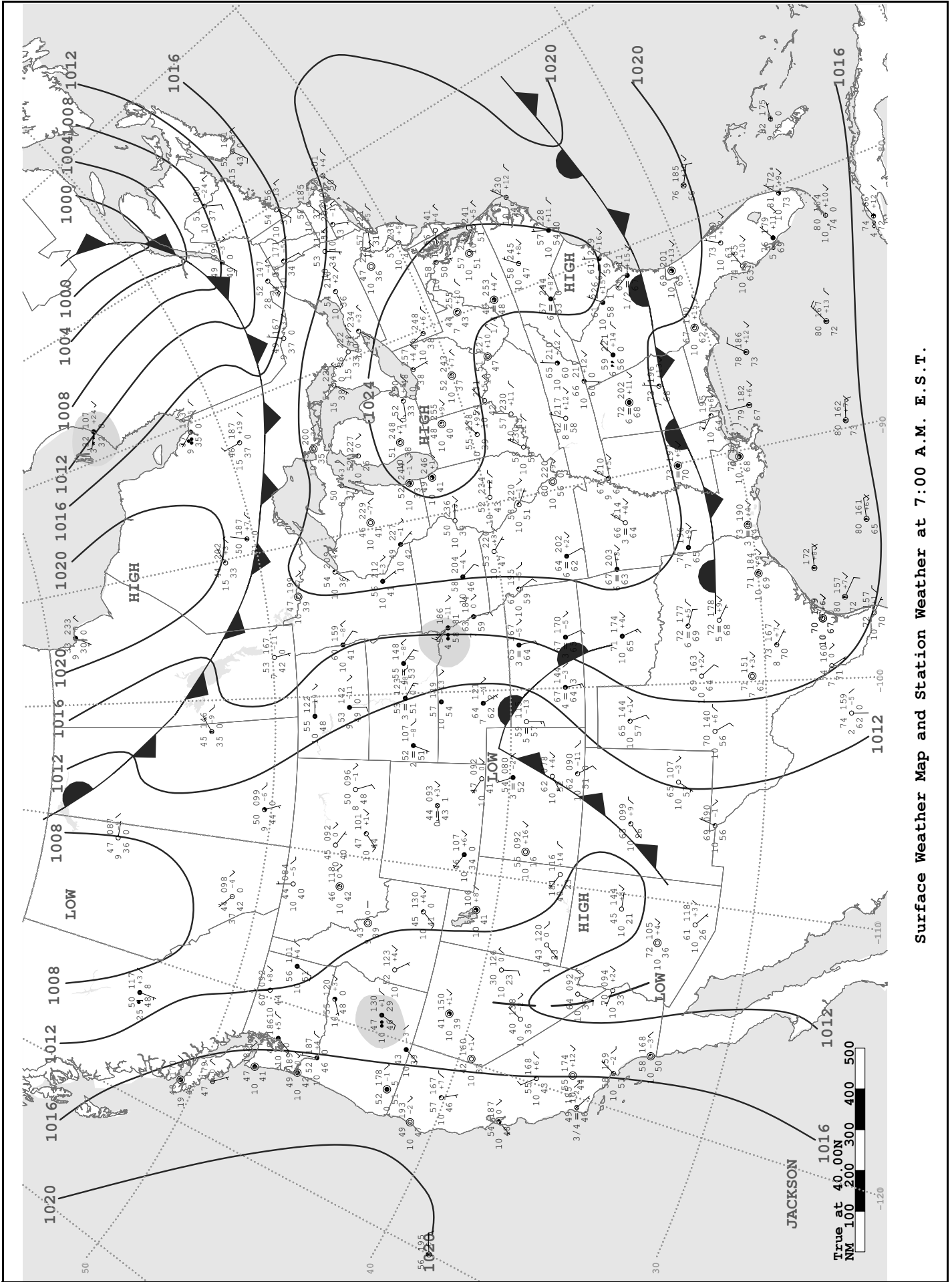


24-hour Precipitation Areas and Amounts Ending 7:00 A.M. E. S. T.

**Station Model**

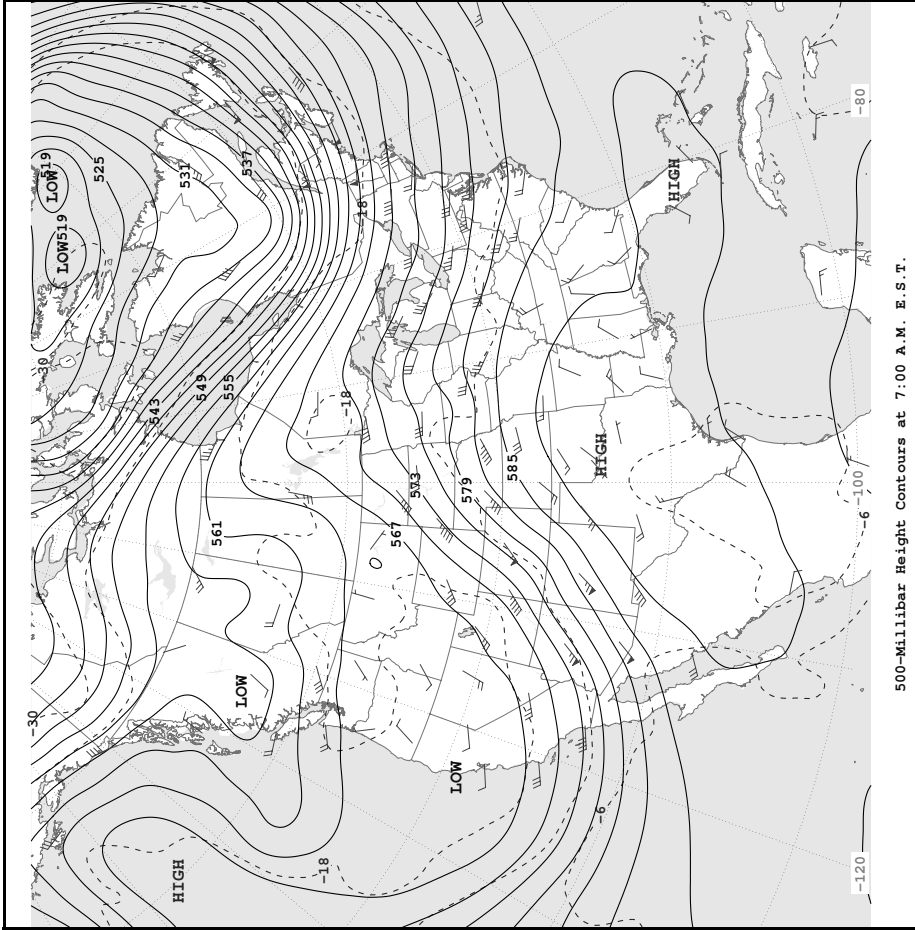
- Wind Direction
- Wind Speed
  - Long Feather - 10 knots
  - Short Feather - 5 knots
- Current Temperature (in °F)
- Visibility (in miles)
- Present Weather Symbol
- Dew Point Temperature
- 3-Digit Surface Pressure (in tenths). Ex: 989 = 998.9mb, 012 = 1001.2mb
- 3 Hour Pressure Tendency (in tenths)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

# WEDNESDAY, MAY 28, 2008

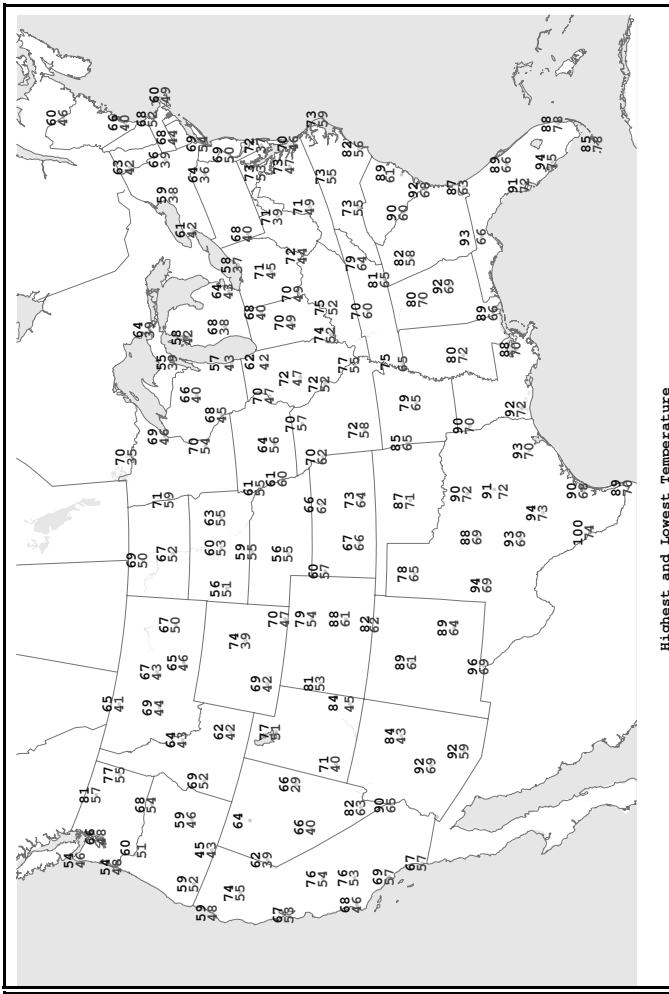


Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.

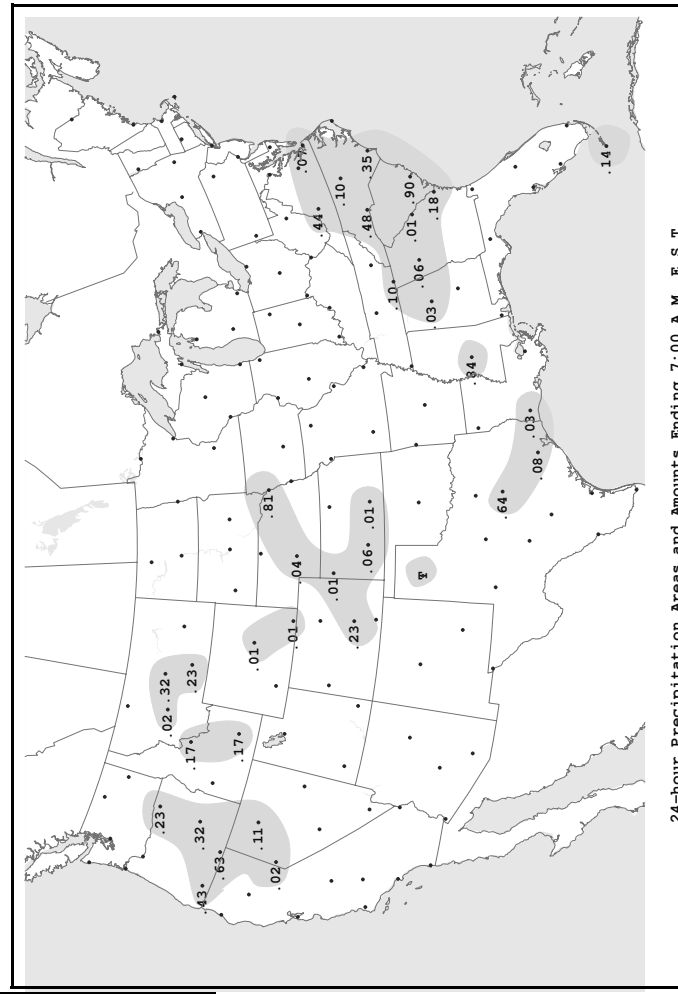




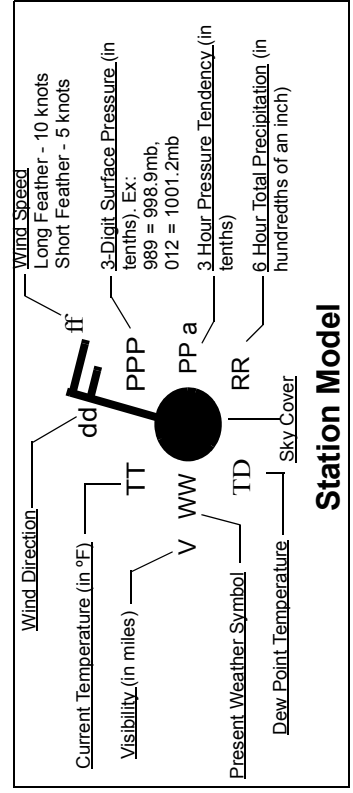
500-Millibar Height Contours at 7:00 A.M. E. S. T.



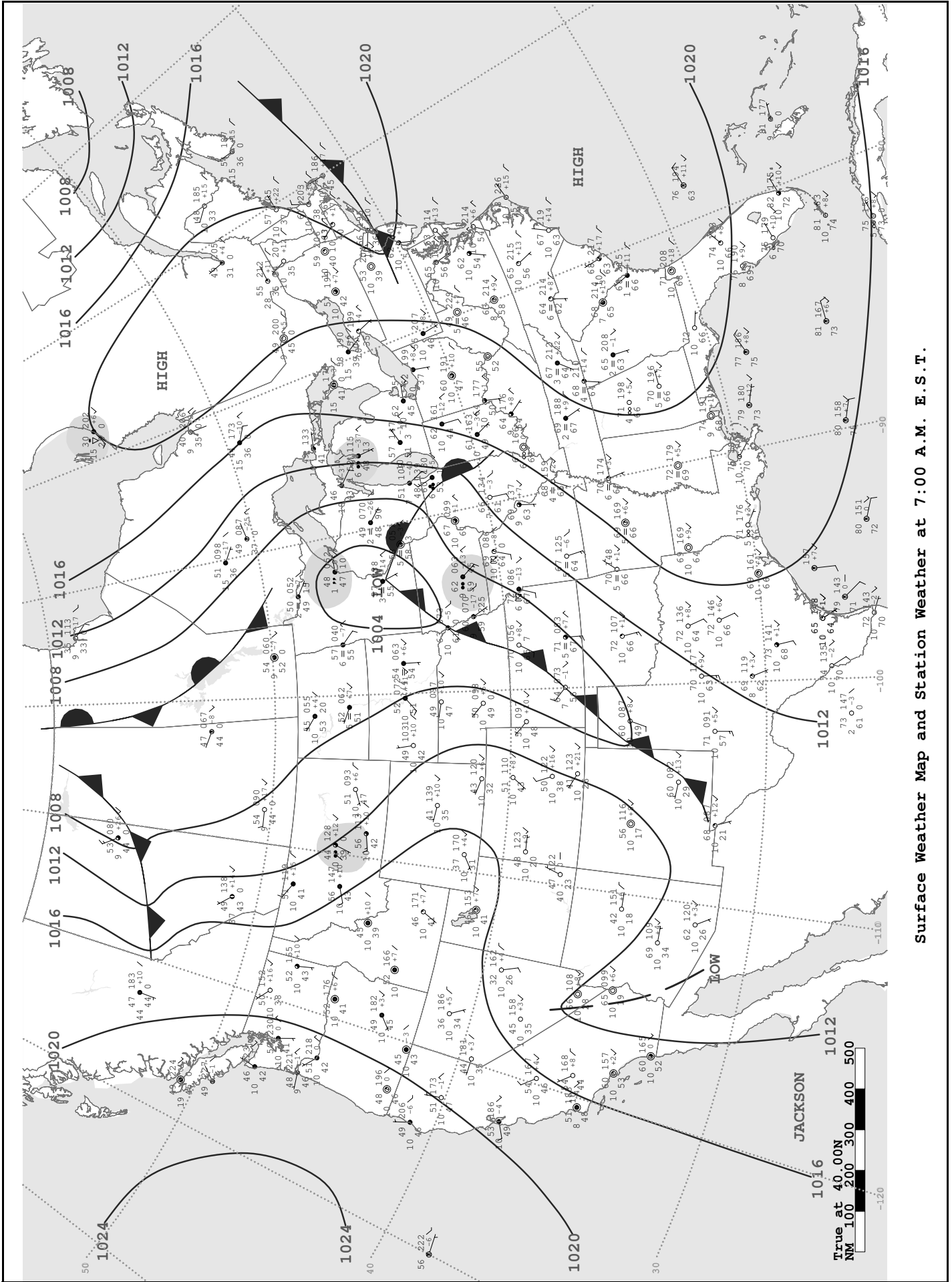
Highest and Lowest Temperature



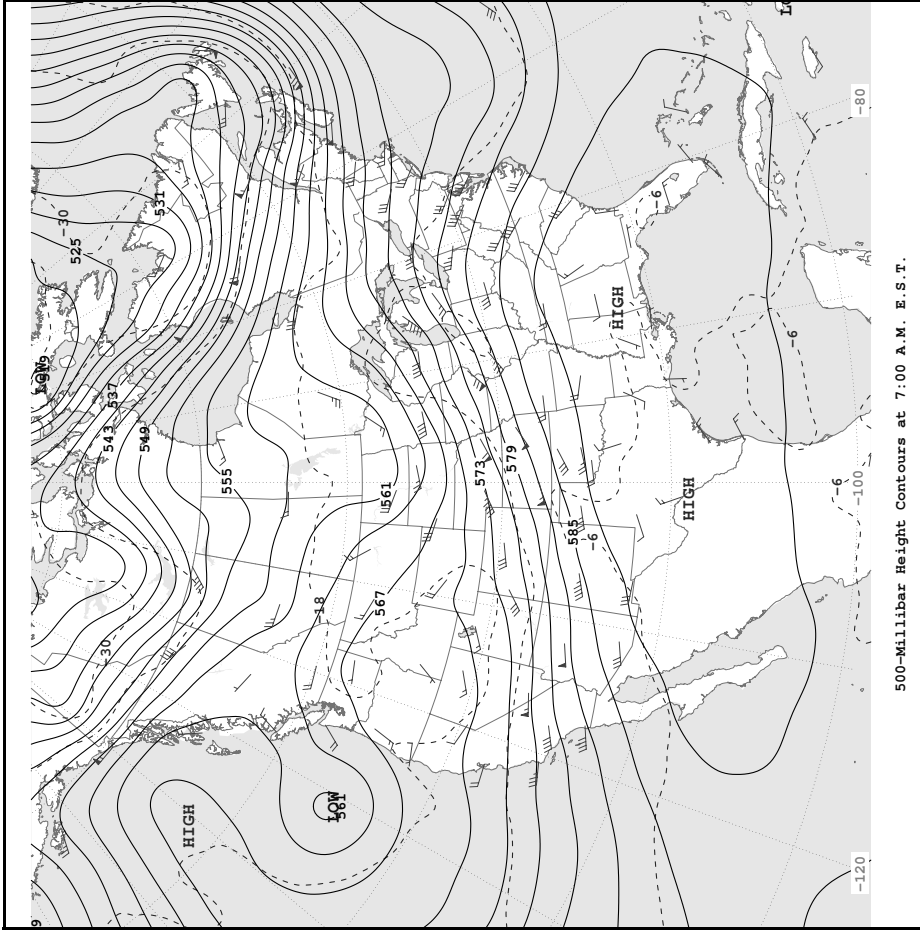
24-hour Precipitation Areas and Amounts Ending 7:00 A.M. E. S. T.



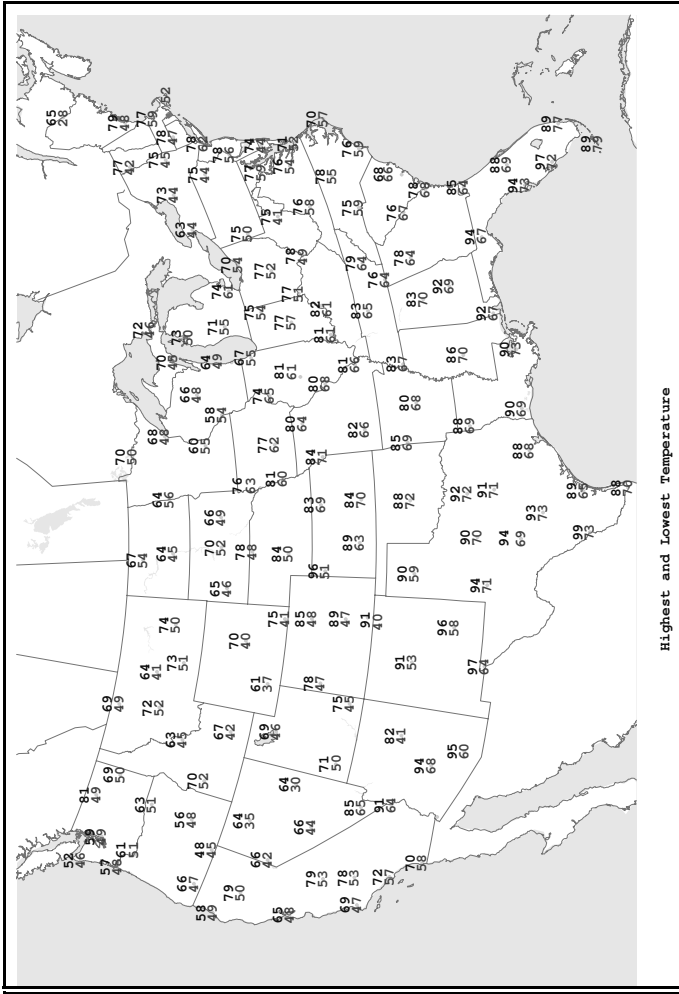
# THURSDAY, MAY 29, 2008



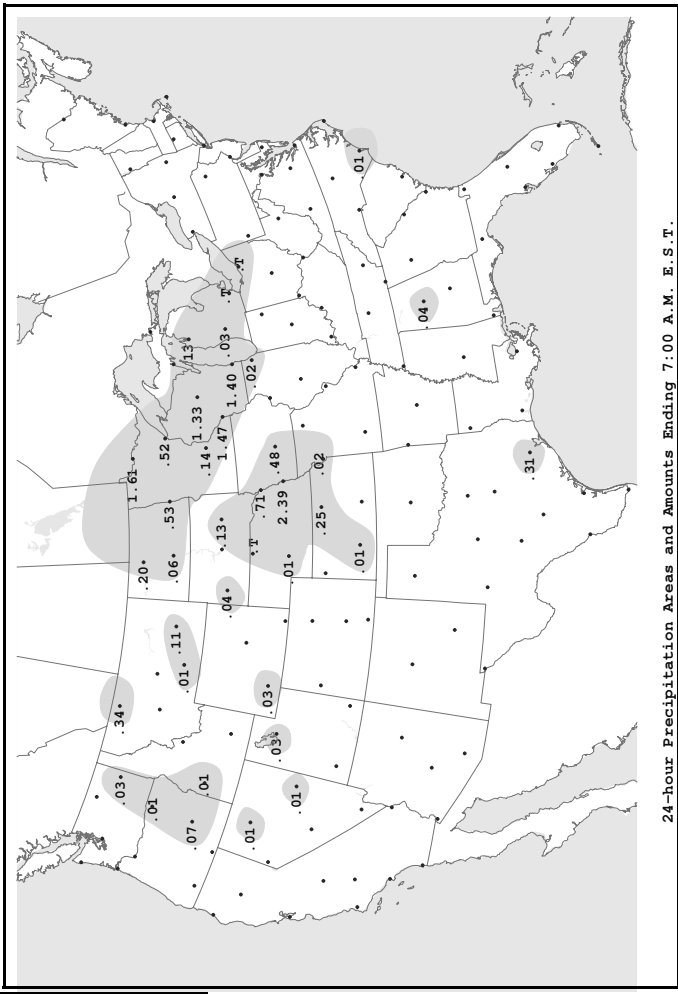
Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.



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.

**Station Model**

Wind Direction — Wind Speed  
 Long Feather - 10 knots  
 Short Feather - 5 knots

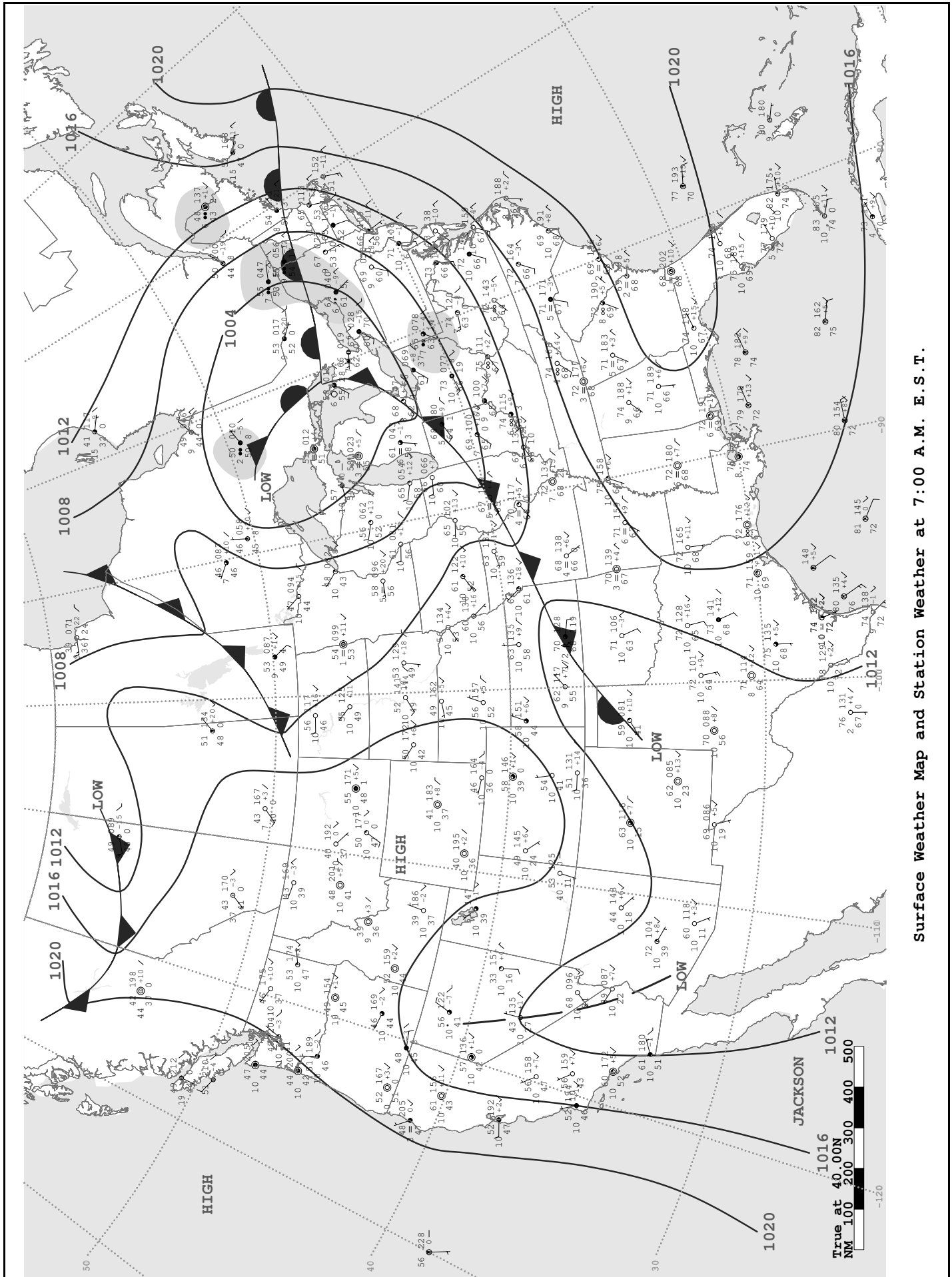
Current Temperature (in °F) — **F** — ft  
 3-Digit Surface Pressure (in tenths) Ex: 989 = 998.9mb, 012 = 1001.2mb

Visibility (in miles) — TT — PPP

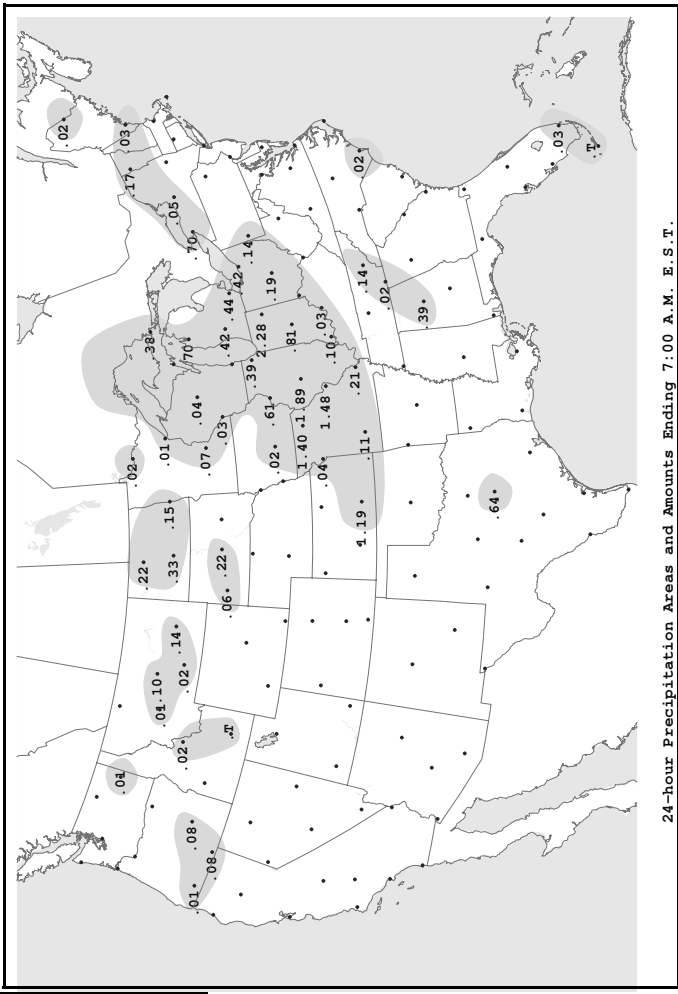
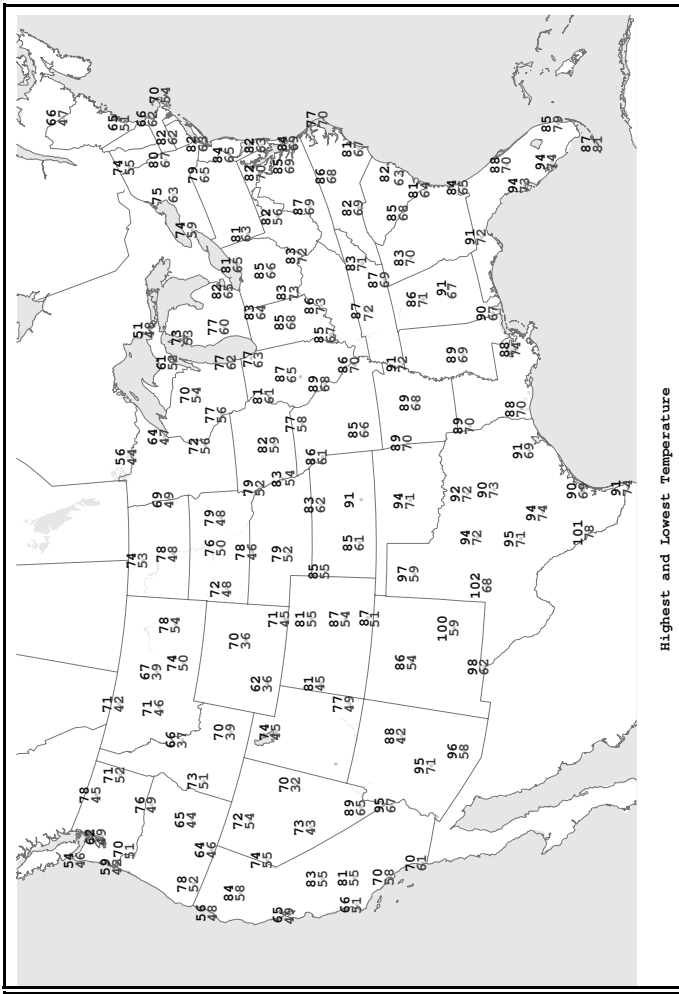
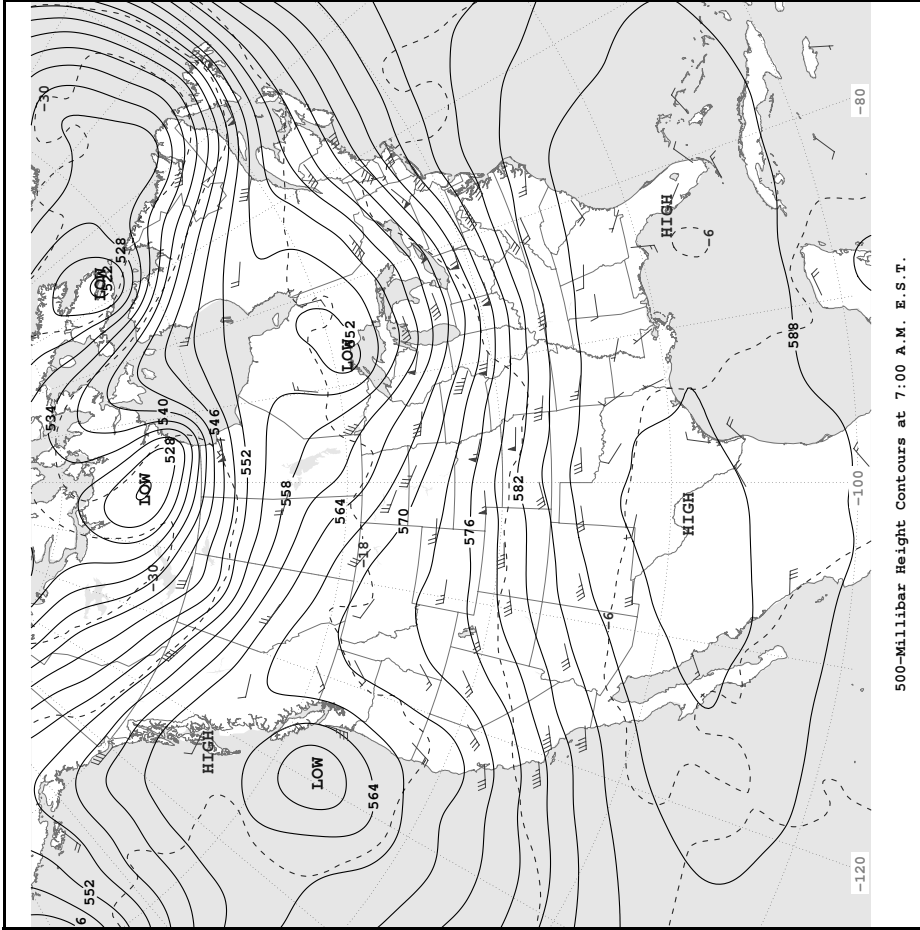
Present Weather Symbol — V — WW — PP a

Dew Point Temperature — TD — RR — 3 Hour Pressure Tendency (in tenths)  
 6 Hour Total Precipitation (in hundredths of an inch)  
 Sky Cover

# FRIDAY, MAY 30, 2008



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): V

Present Weather Symbol: PP a

Dew Point Temperature: TD

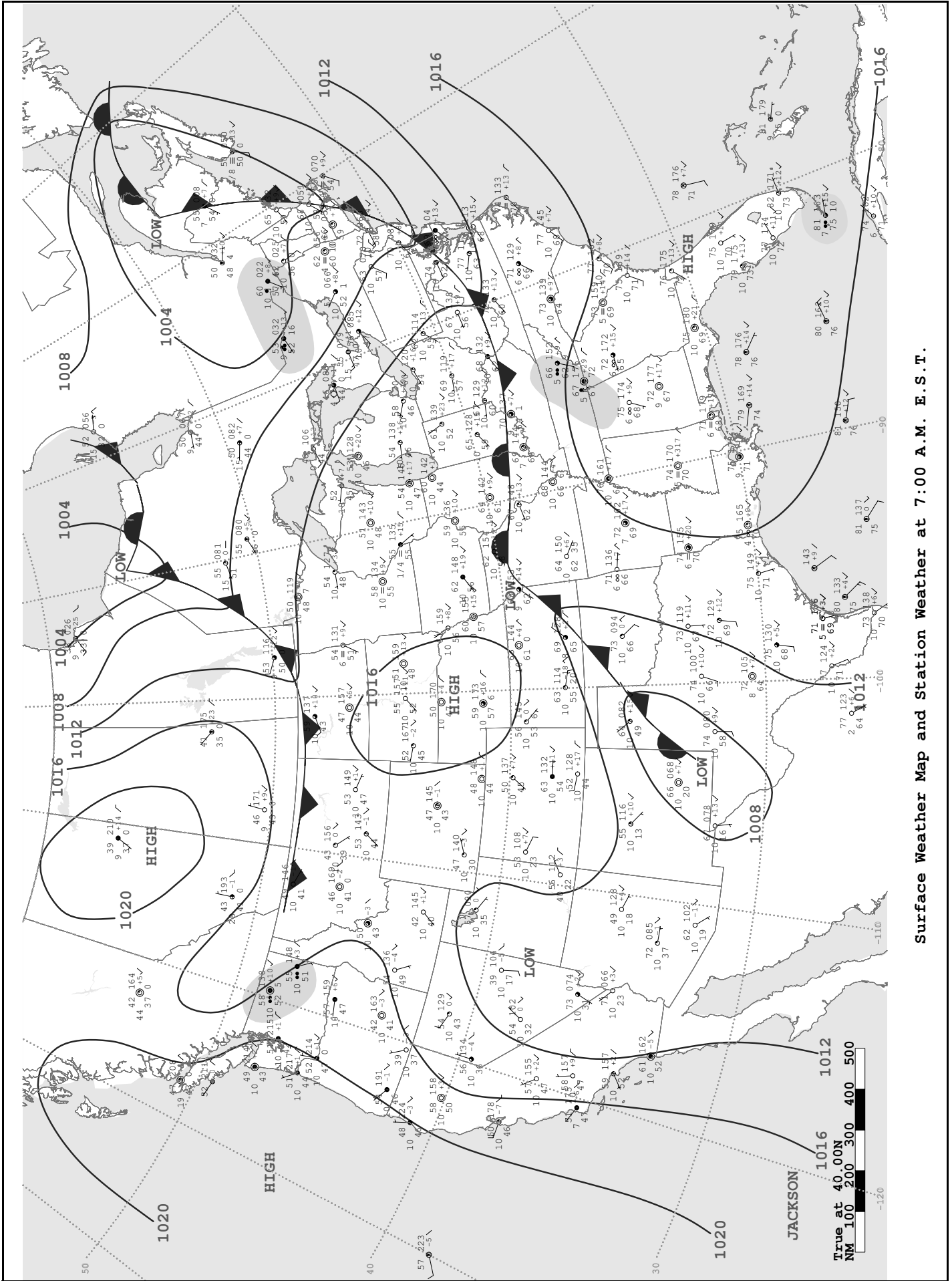
Sky Cover: Sky\_Cover

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

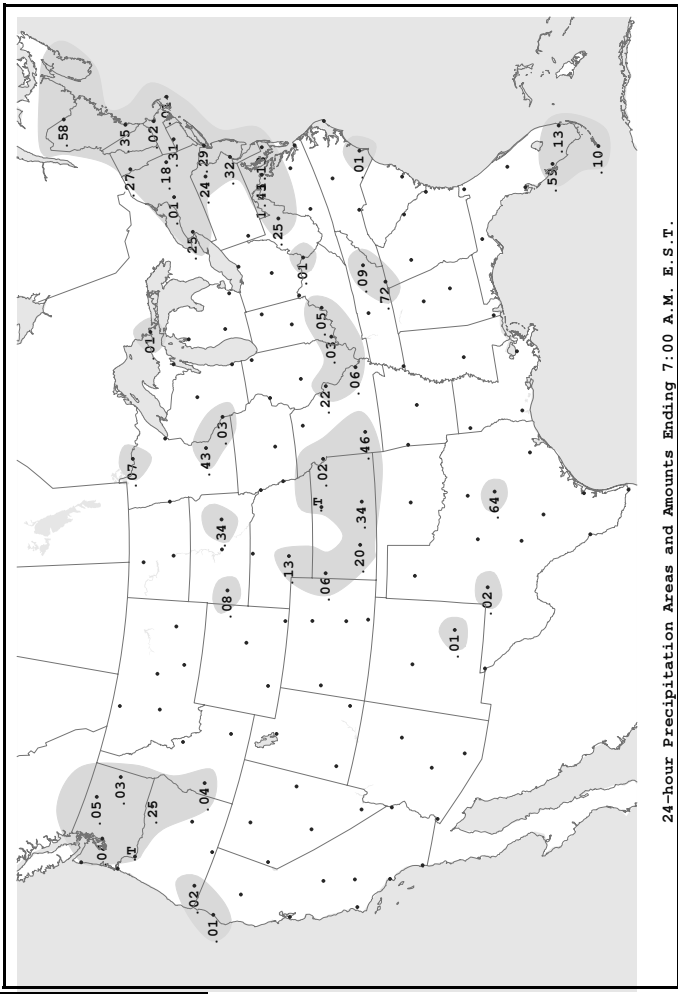
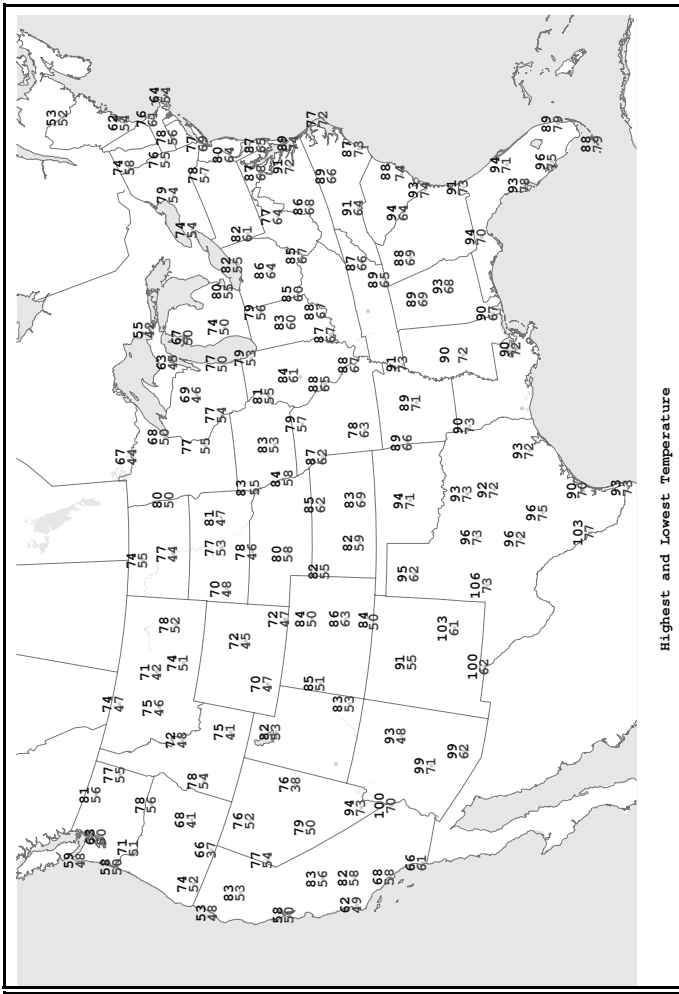
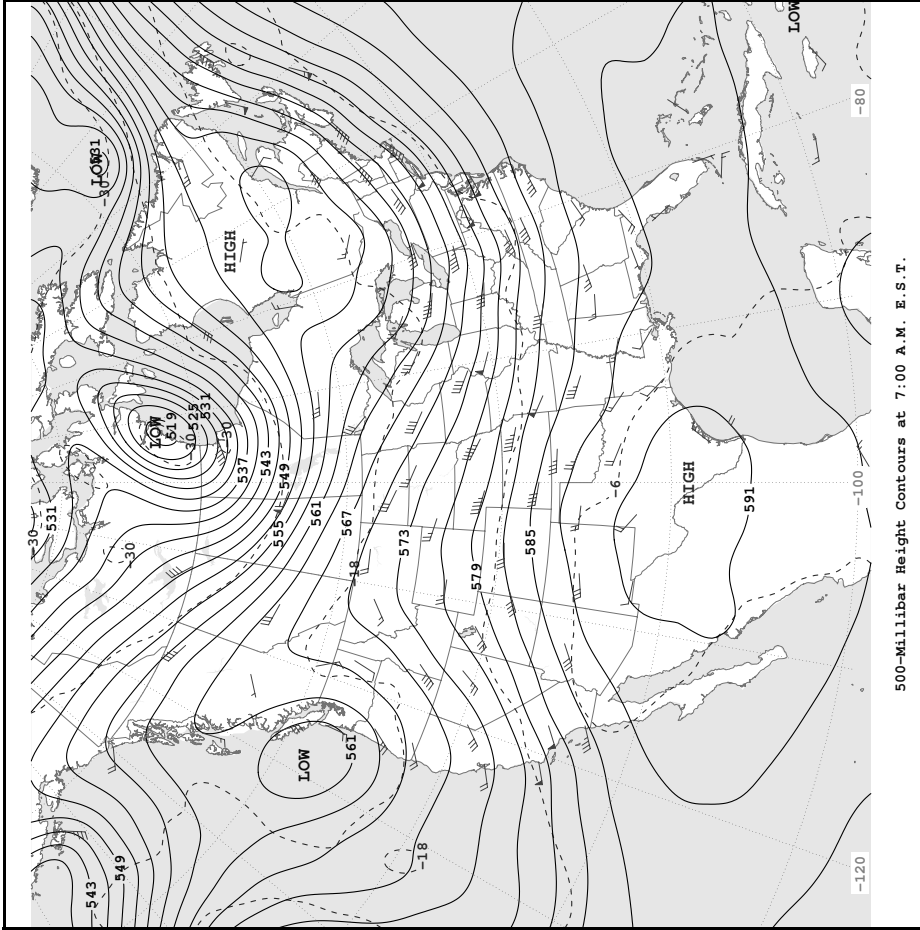
3 Hour Pressure Tendency (in tenths): PP a

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

# SATURDAY, MAY 31, 2008



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

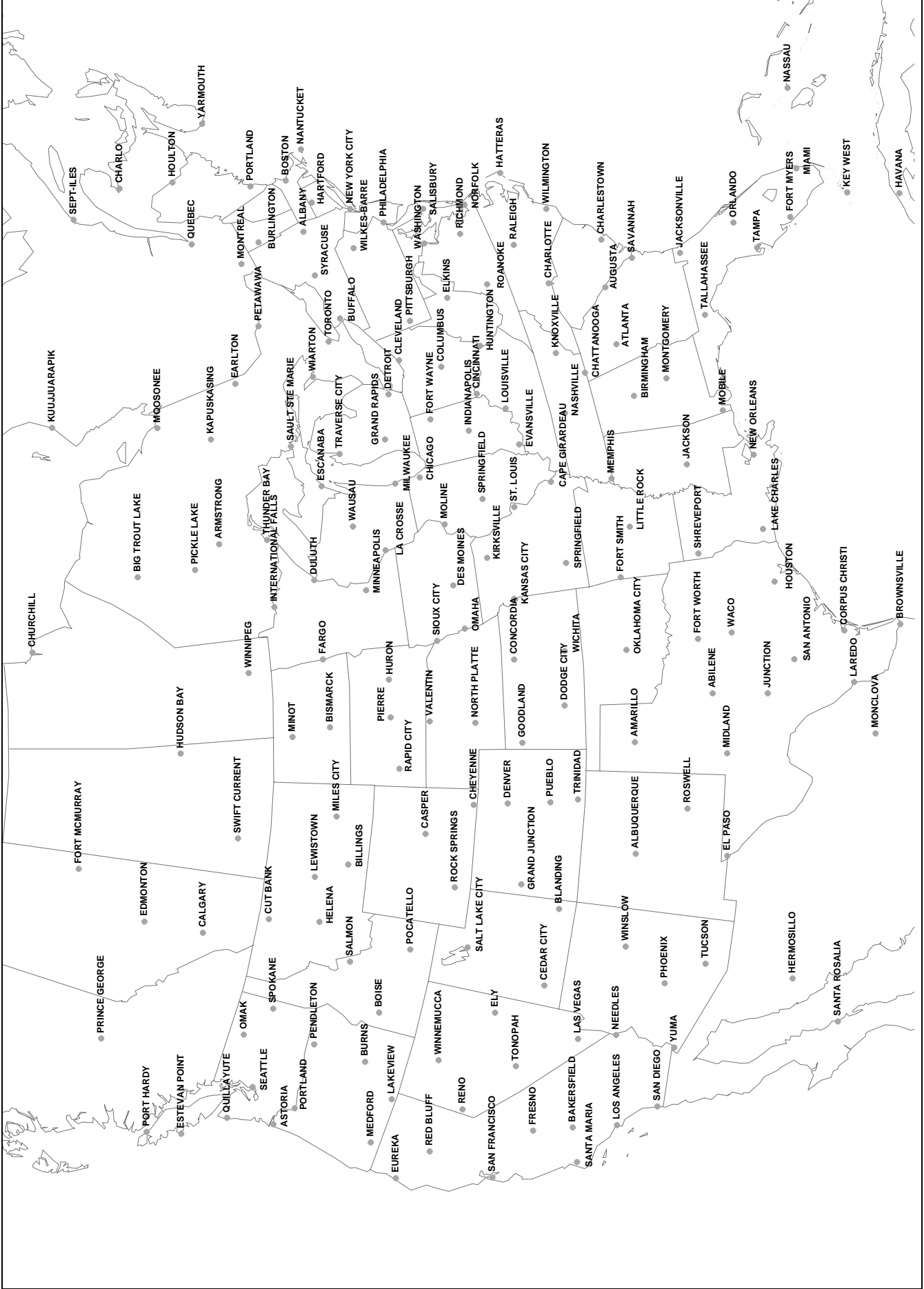


**Station Model**

The station model diagram consists of the following elements:

- Wind Direction:** Indicated by a vertical line with a short horizontal bar at the top.
- Current Temperature (in °F):** Represented by a large 'F'.
- Visibility (in miles):** Represented by 'V' followed by a number.
- Present Weather Symbol:** A circle containing a symbol representing the current weather condition.
- Dew Point Temperature:** Represented by 'DD'.
- Wind Speed:** Represented by a long feather (10 knots) and a short feather (5 knots).
- 3-Digit Surface Pressure:** Represented by 'PPP'.
- 3 Hour Pressure Tendency:** Represented by 'PP a'.
- 6 Hour Total Precipitation:** Represented by 'RR'.
- Sky Cover:** Represented by a horizontal line with a number indicating the percentage of sky cover.

# SUNDAY, JUNE 1, 2008



**Daily Weather Map Station Names and Locations**