



Daily Weather Maps

FEBRUARY 1, 2010 - FEBRUARY 7, 2010

Week 5

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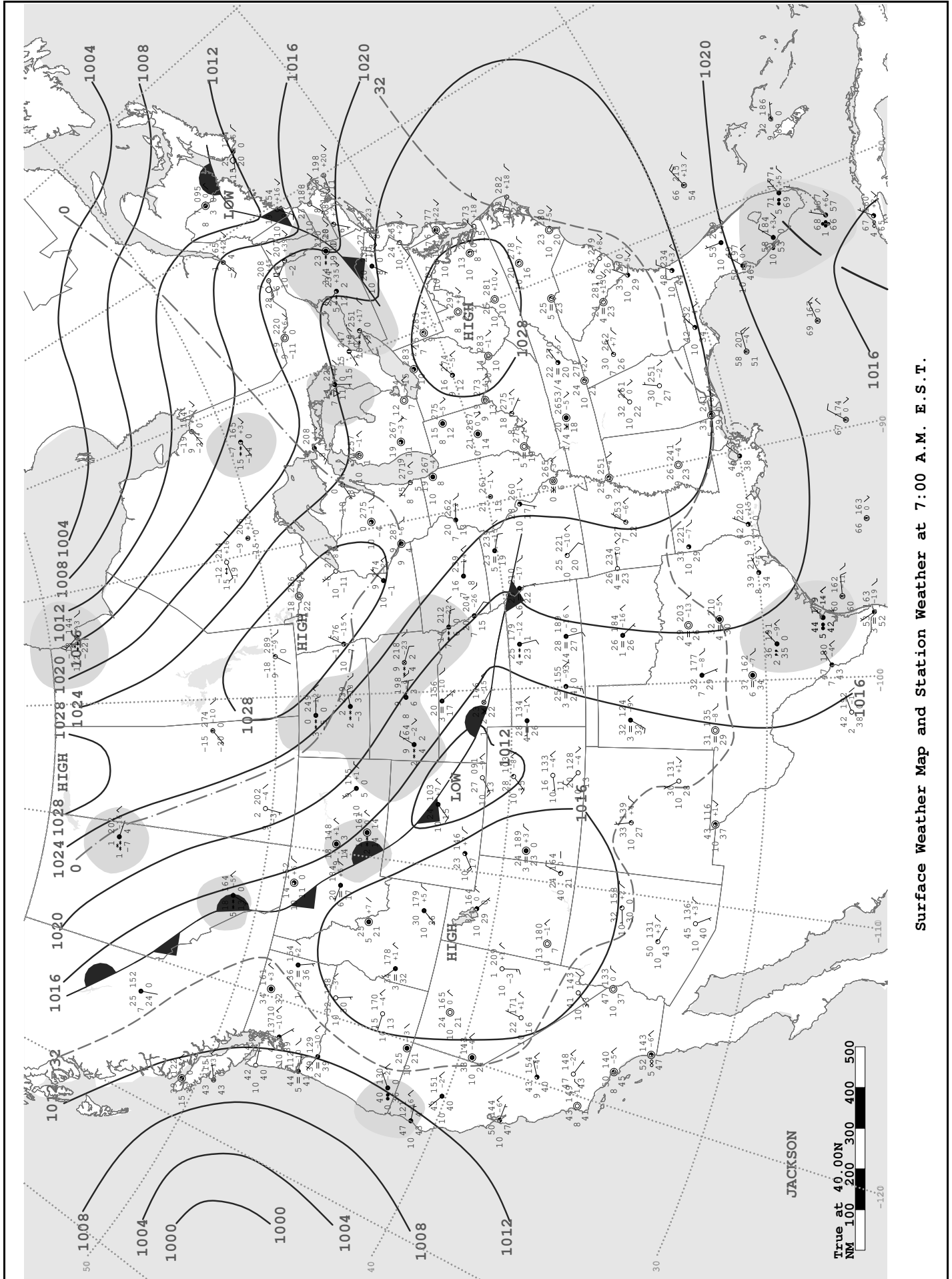
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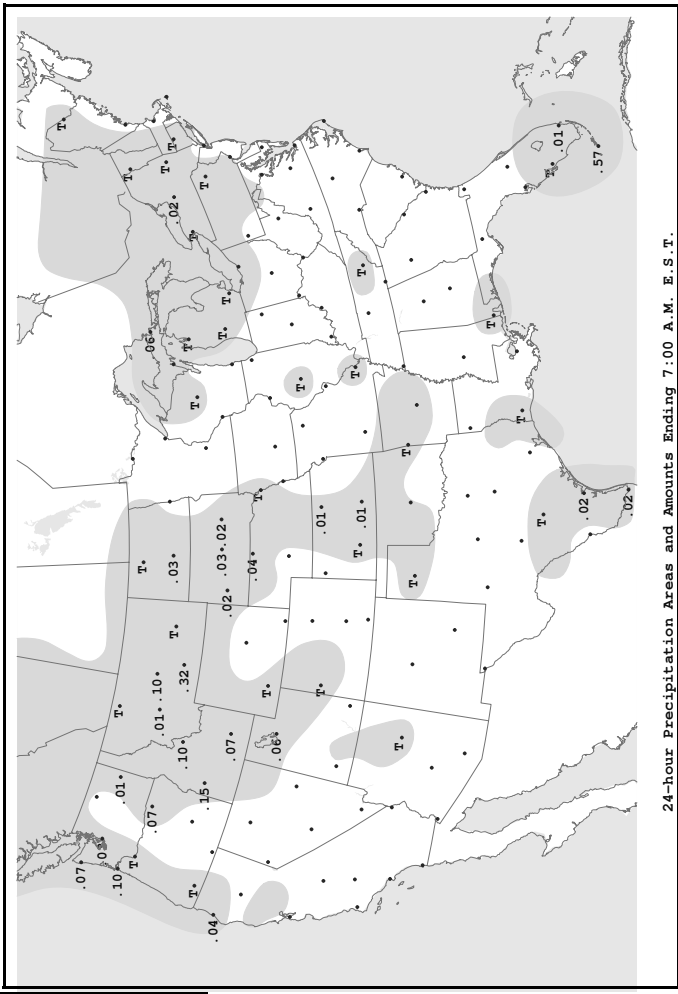
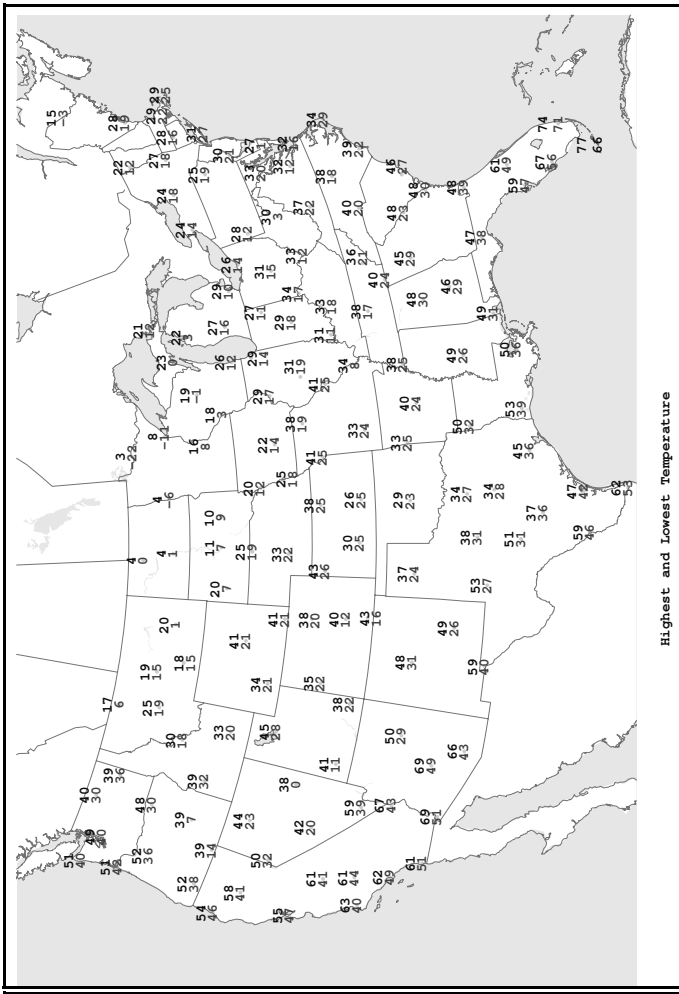
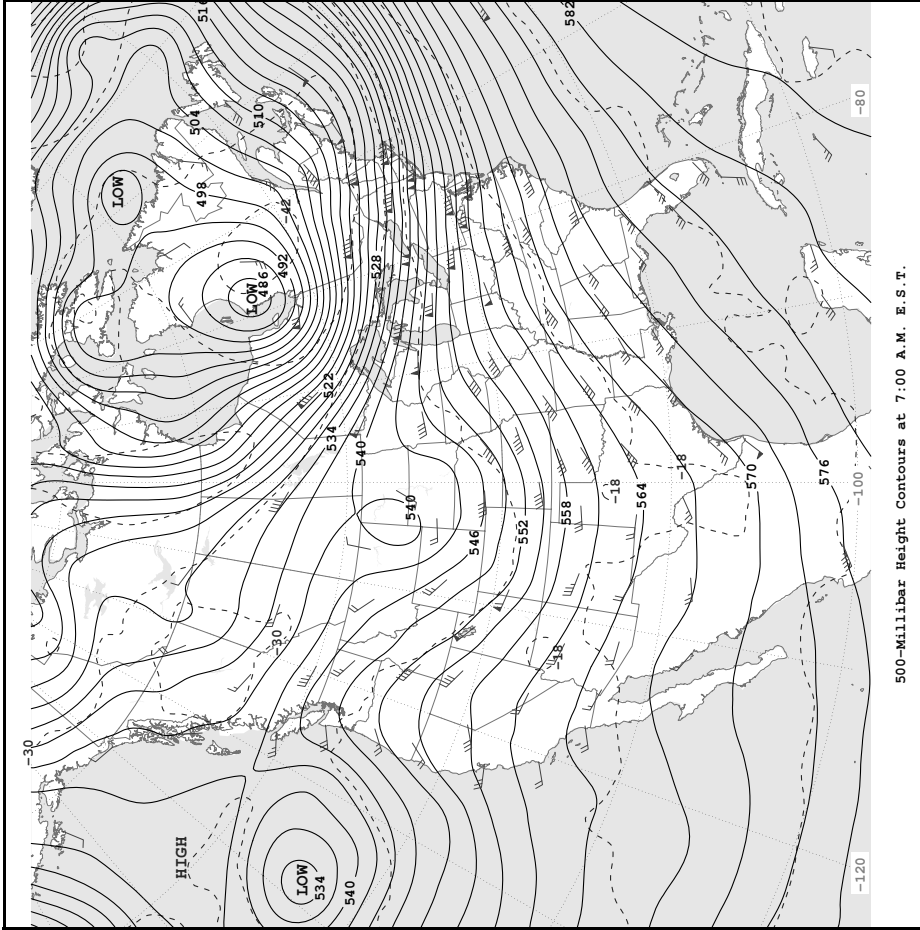
Correspondence to the meteorologists should be directed to: *Daily Weather Map*, NOAA/National Weather Service, Room 410, 5200 Auth Rd, Camp Springs, MD 20746.

The *Daily Weather Map* is available online at www.hpc.ncep.noaa.gov/dwm/dwm.shtml.

Current HPC products are available online at www.hpc.ncep.noaa.gov



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



Station Model

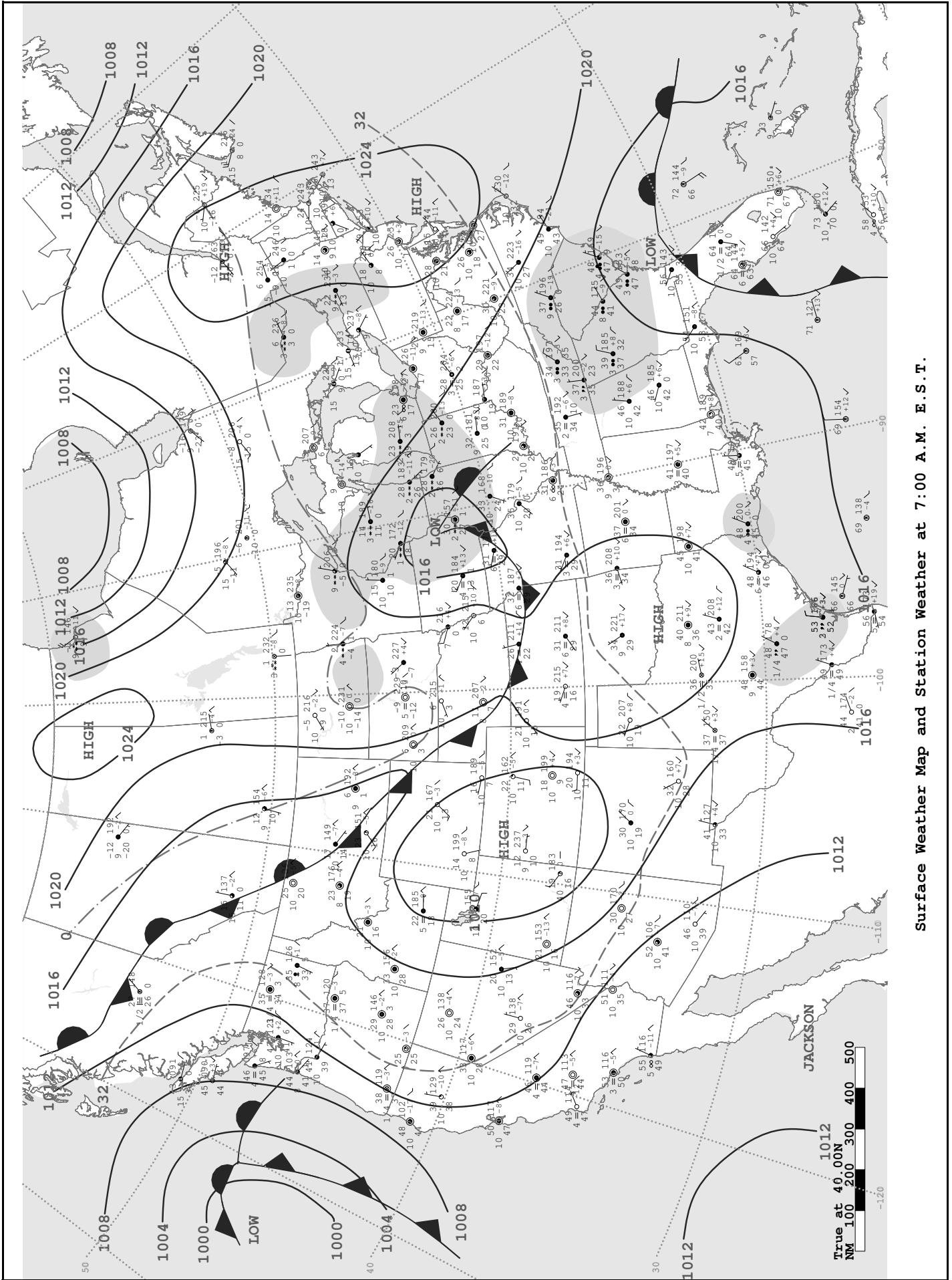
The station model diagram consists of several key elements:

- 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 letter 'V'.
- Present Weather Symbol:** Represented by a circle containing a symbol (e.g., 'F' for rain, 'P' for snow).
- 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'.
- 3 Hour Total Precipitation (in hundredths of an inch):** Represented by the number 'RR'.
- Sky Cover:** Represented by a horizontal line.

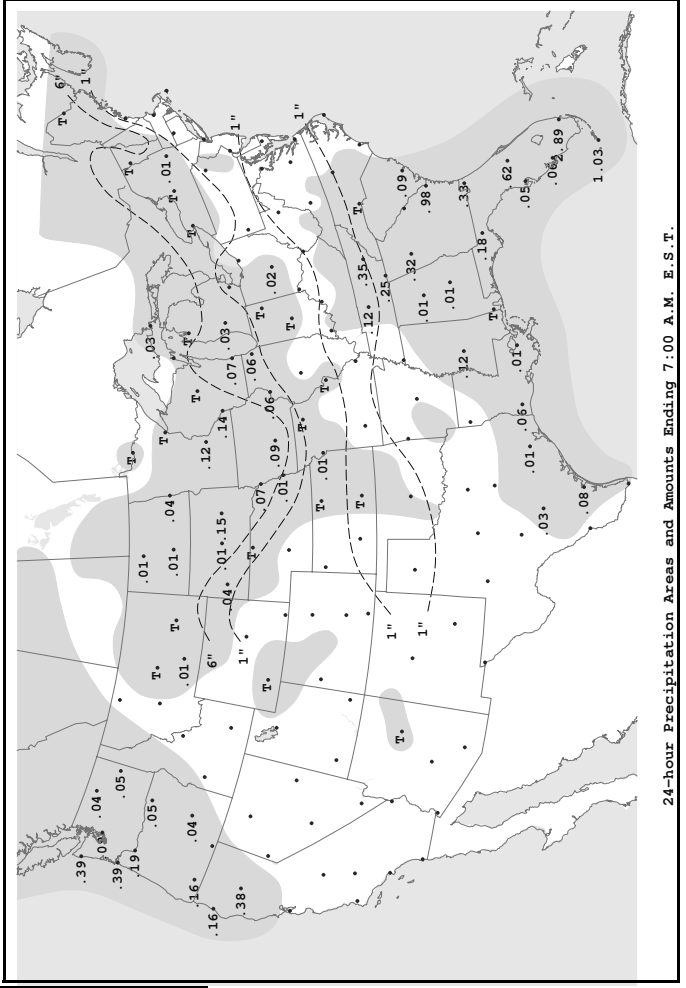
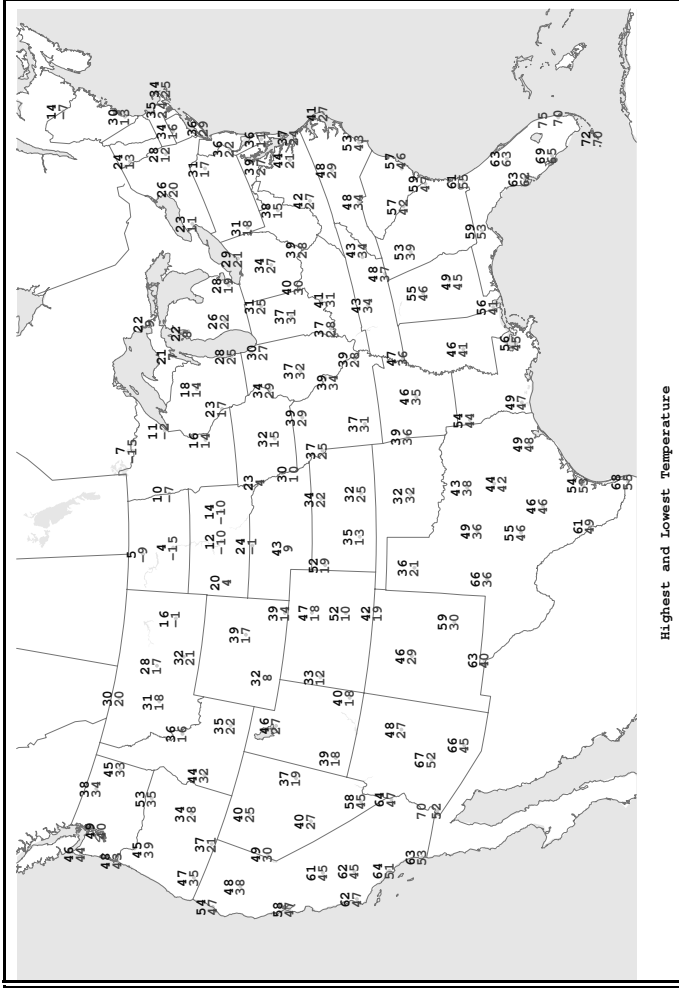
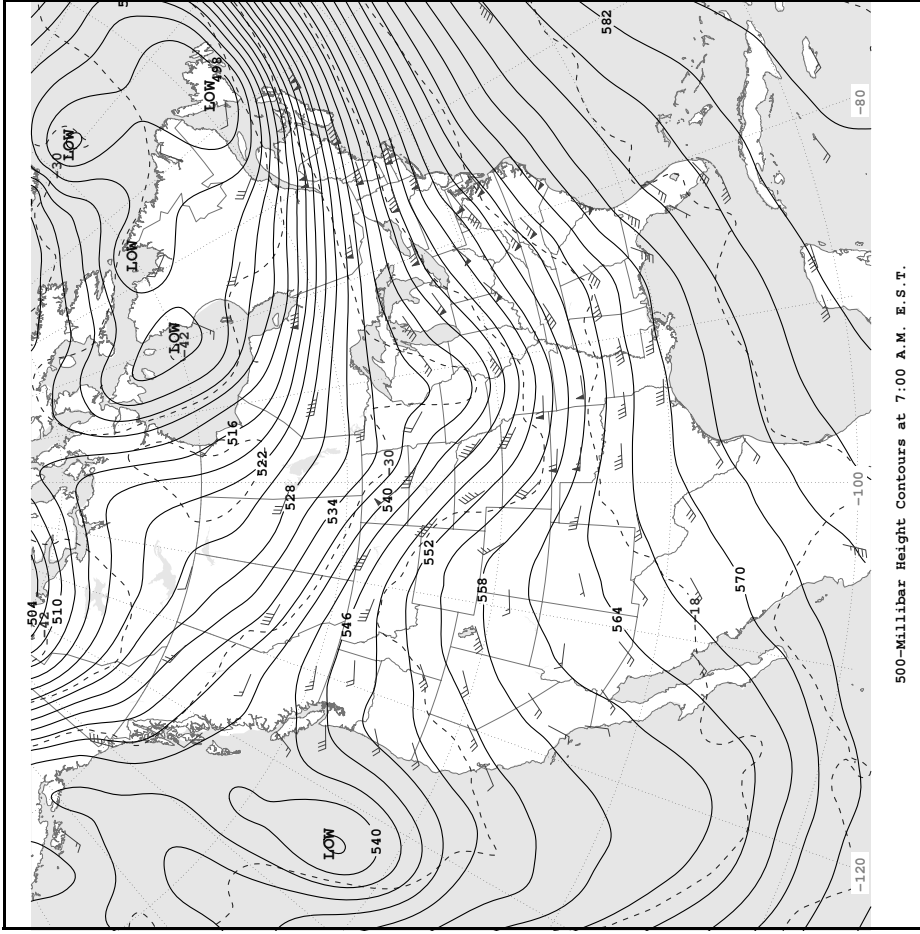
Additional information provided:

- Long Feather - 10 knots
- Short Feather - 5 knots
- 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)

MONDAY, FEBRUARY 1, 2010



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



Wind Direction

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 — PP

Station Model

Wind Feather — ff

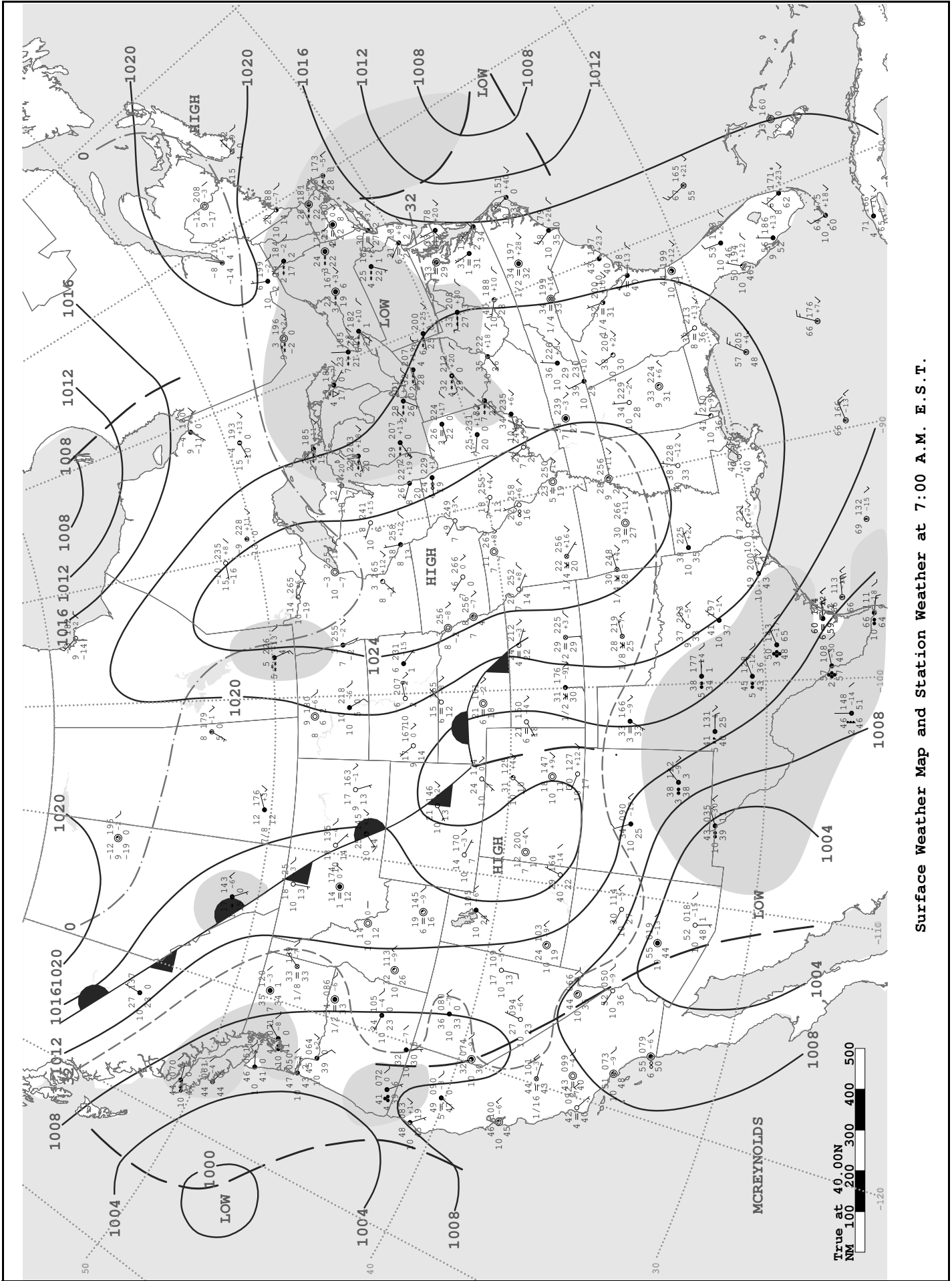
3-Digit Surface Pressure (in tenths) — PPP
 Ex: 989 = 998.9mb, 012 = 1001.2mb

3 Hour Pressure Tendency (in tenths) — PP a

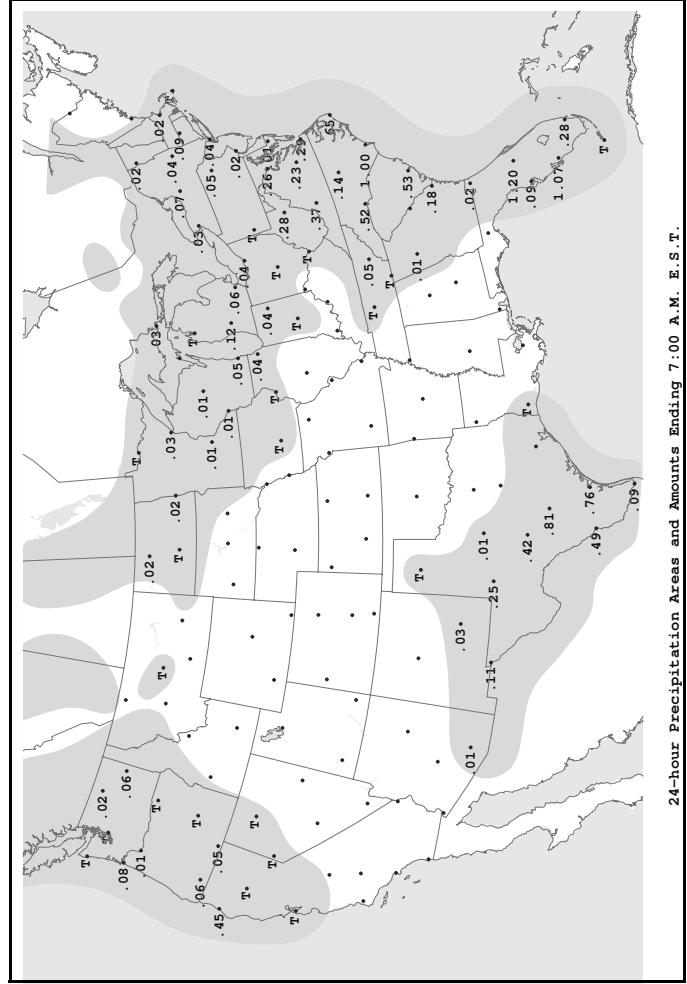
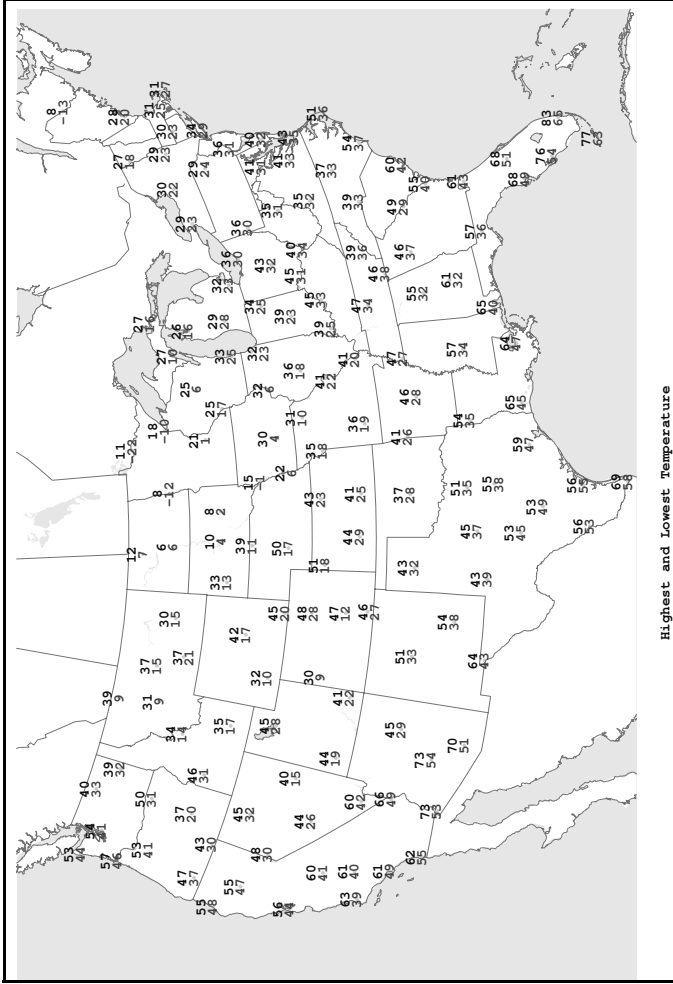
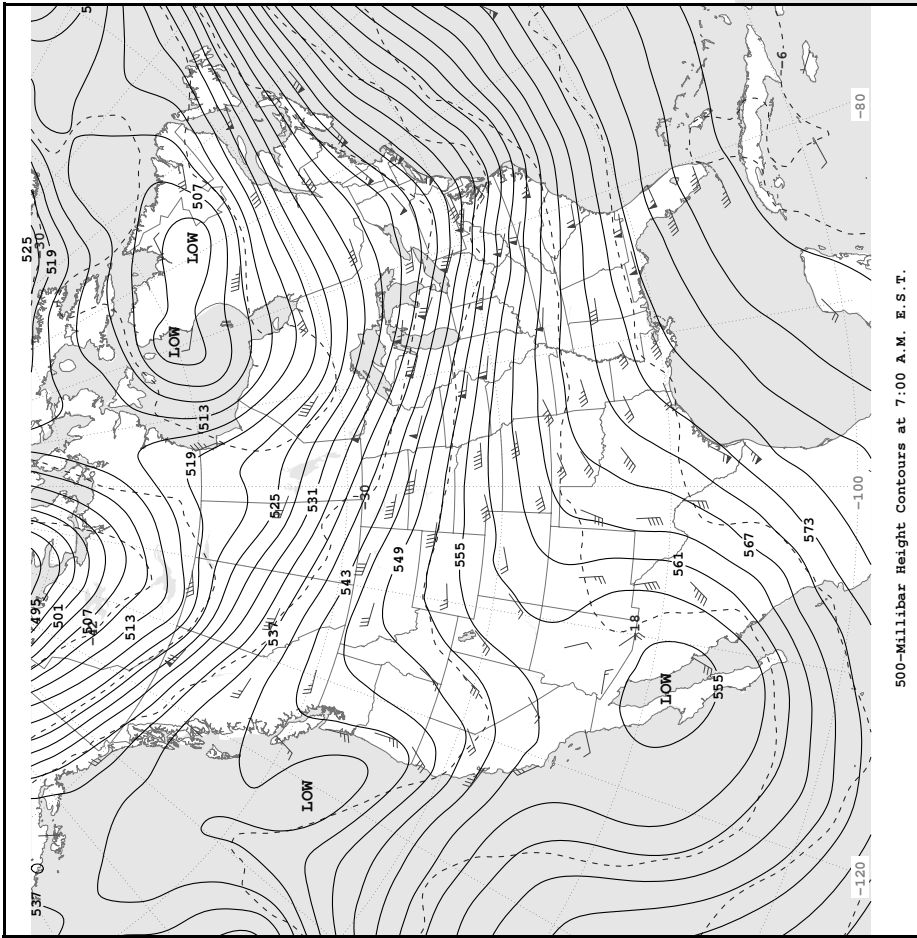
3 Hour Pressure Tendency (in hundredths of an inch) — RR

6 Hour Total Precipitation (in hundredths of an inch) — Sky_Cover

TUESDAY, FEBRUARY 2, 2010



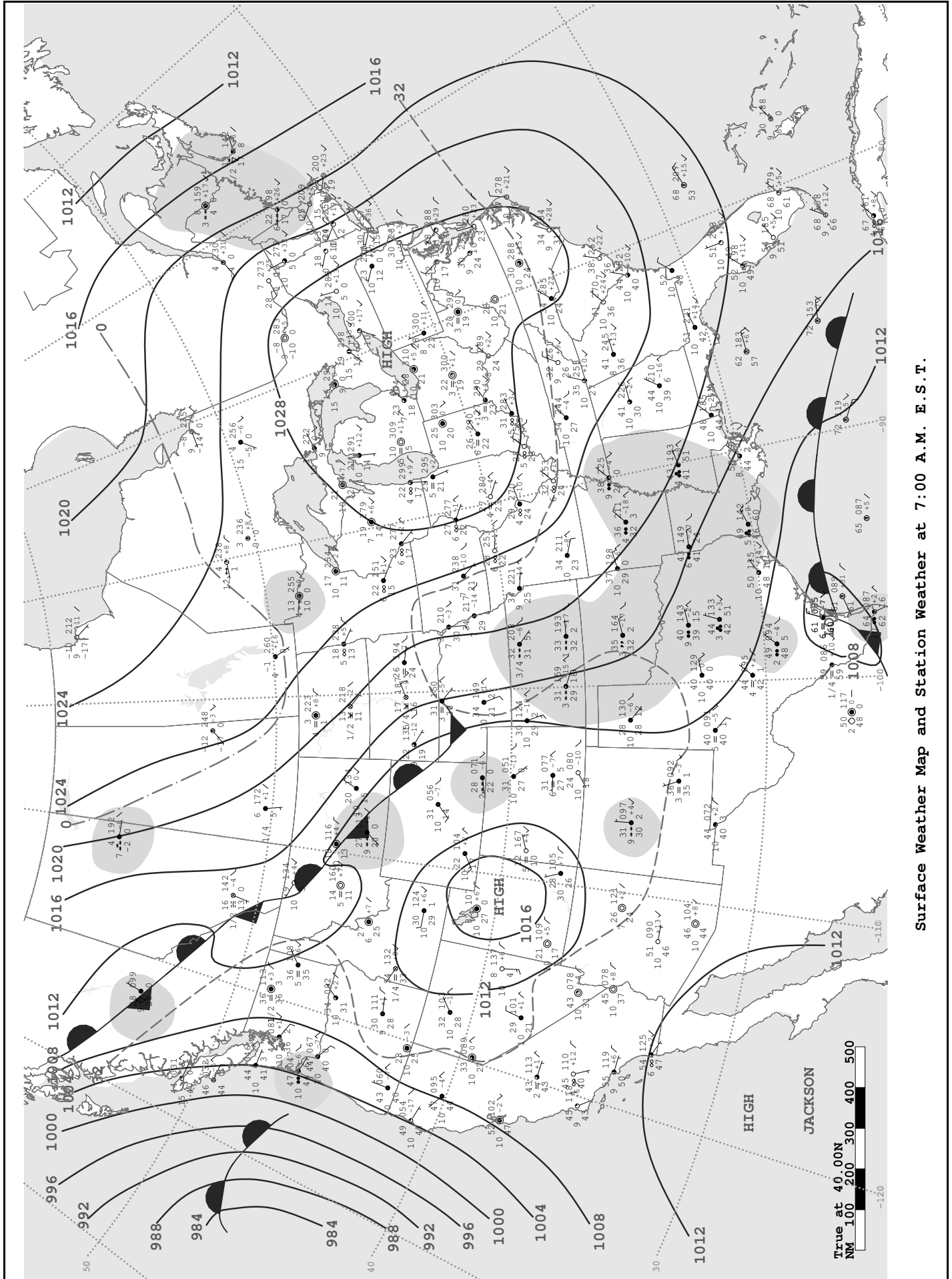
Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.



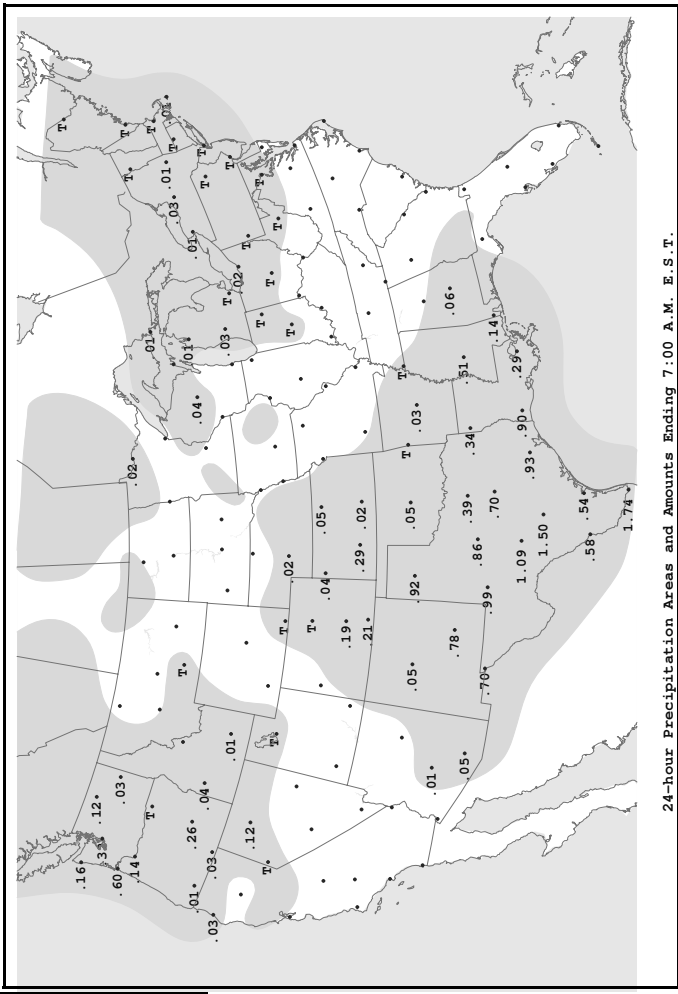
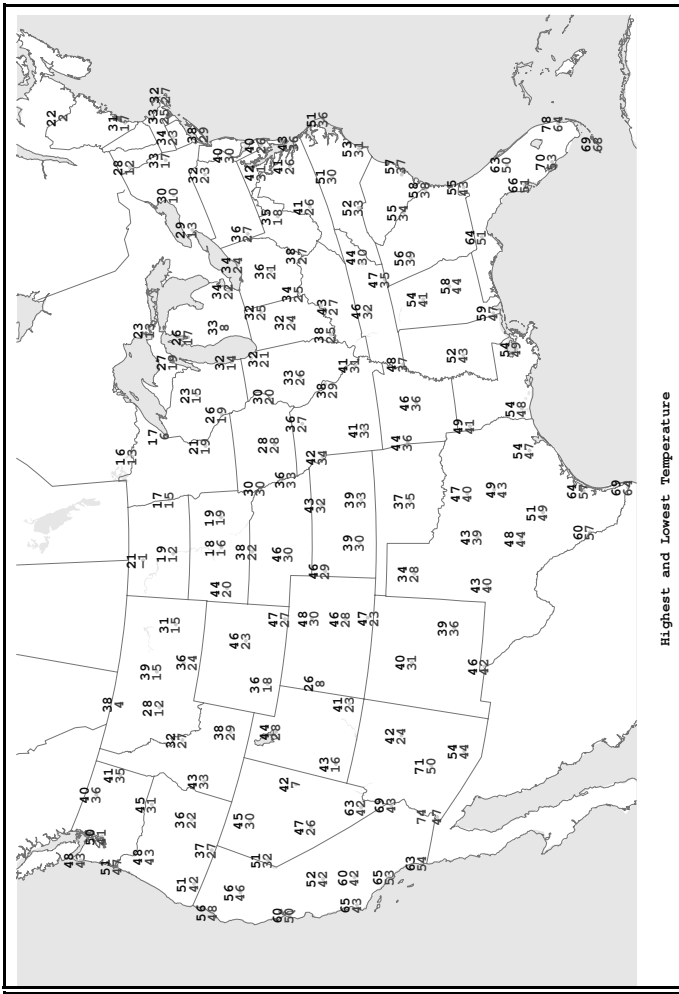
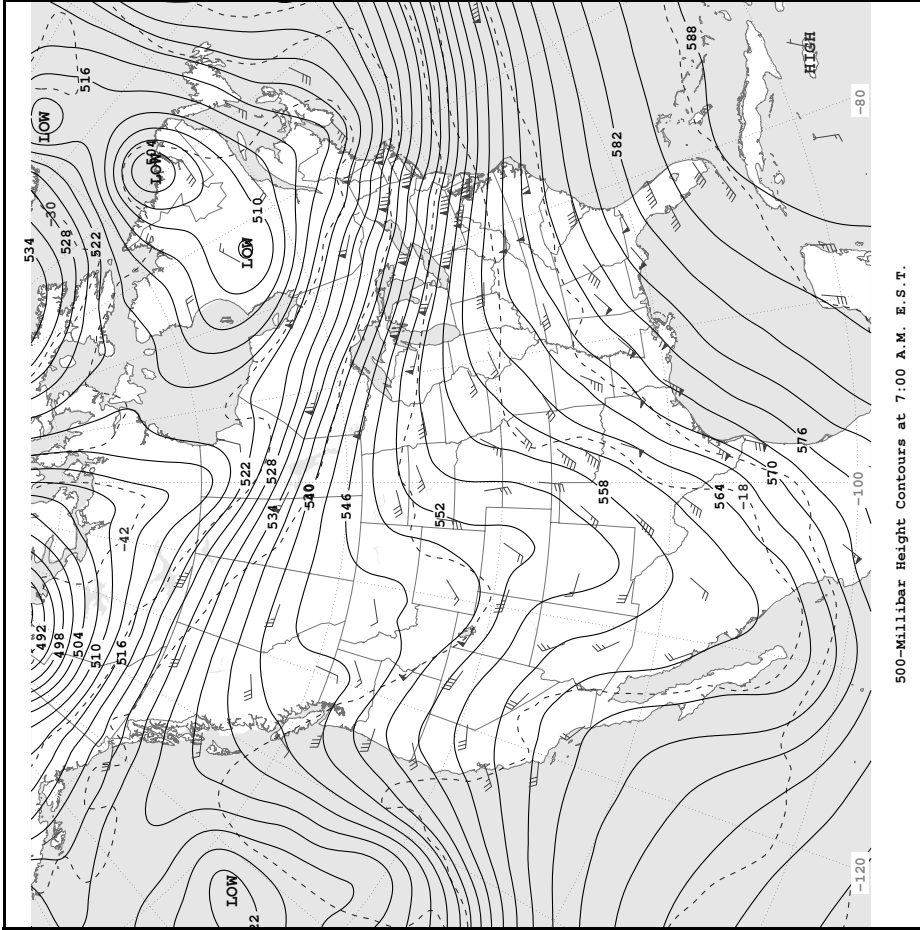
--->	Wind Direction	--->	Wind Speed
--->	Current Temperature (in °F)	--->	Long Feather - 10 knots
--->	Visibility (in miles)	--->	Short Feather - 5 knots
--->		--->	3-Digit Surface Pressure (in tenths). Ex: 989 = 998.9mb 012 = 1001.2mb
--->		--->	3 Hour Pressure Tendency (in tenths)
--->		--->	6 Hour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

Station Model

WEDNESDAY, FEBRUARY 3, 2010



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



Station Model

Wind Direction: **F** (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**

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

Visibility (in miles): **V**

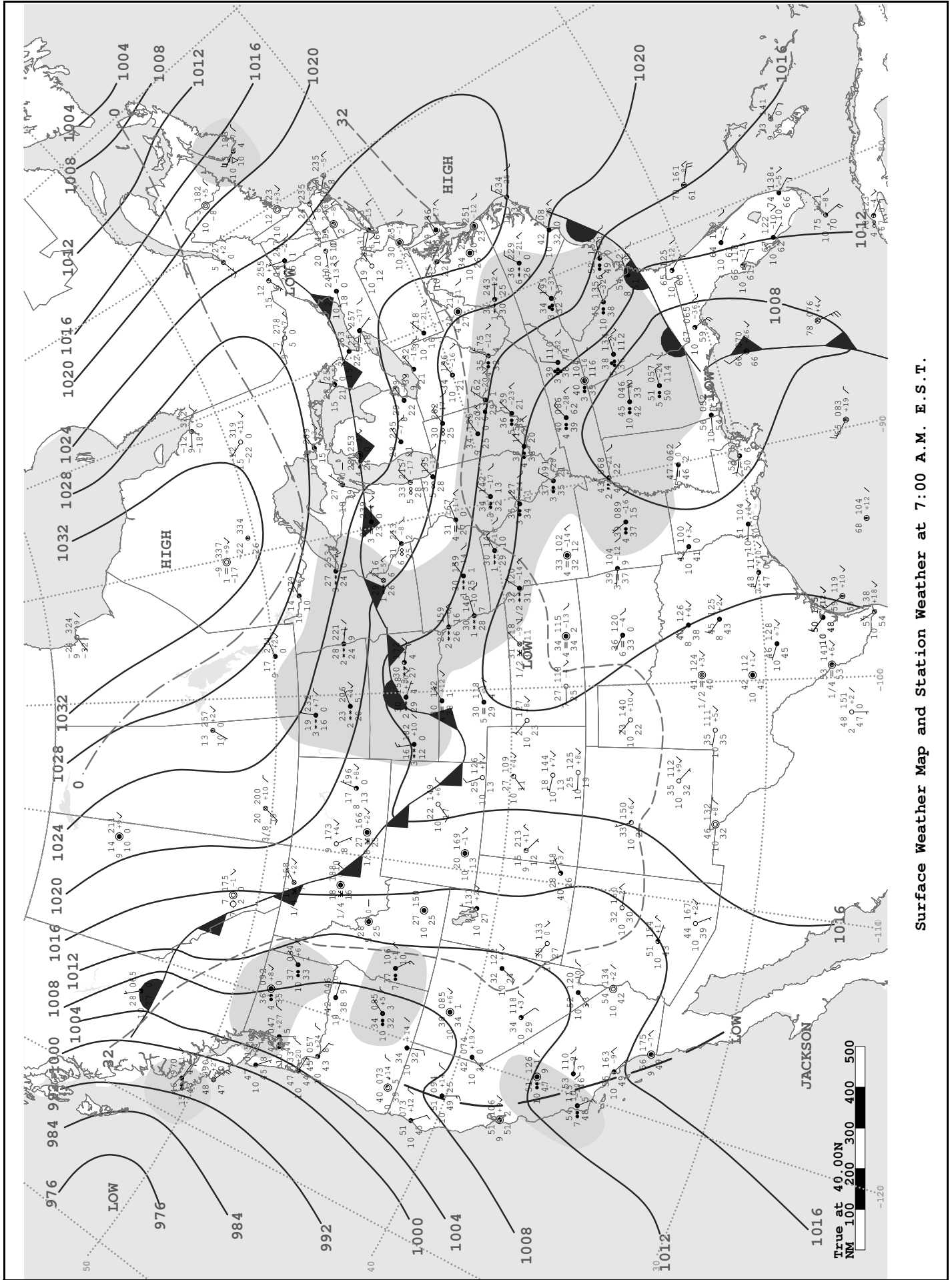
Present Weather Symbol: **TT**

Dew Point Temperature: **TT**

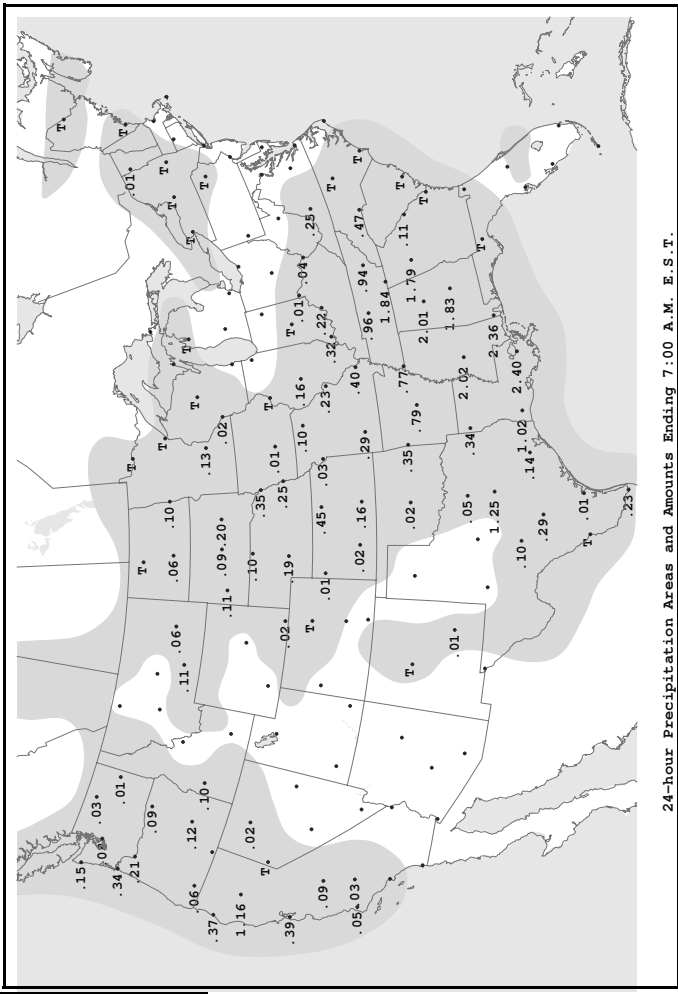
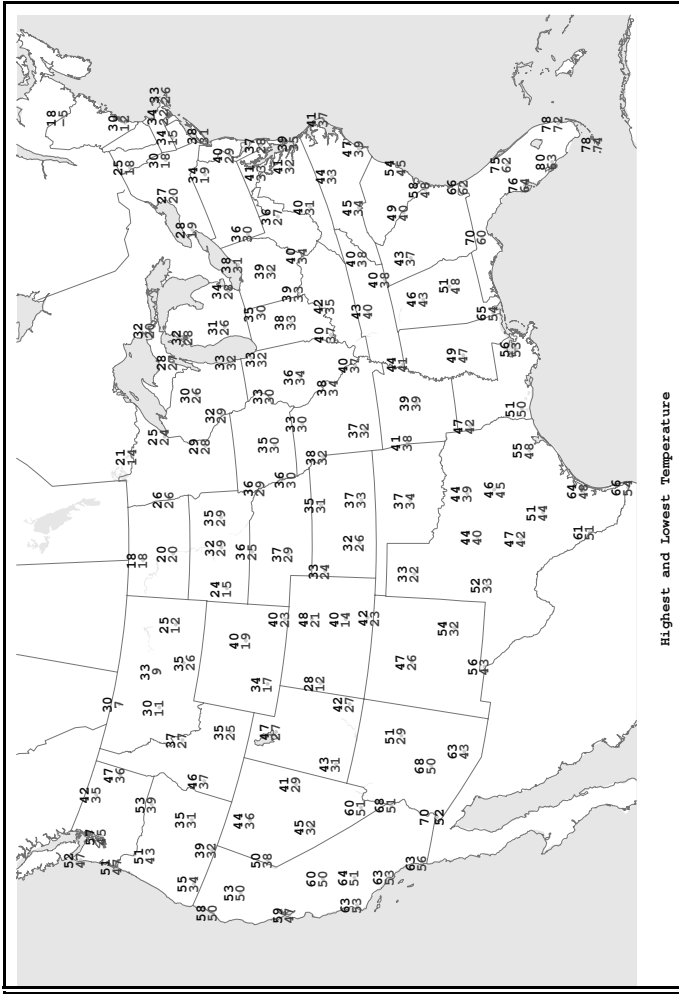
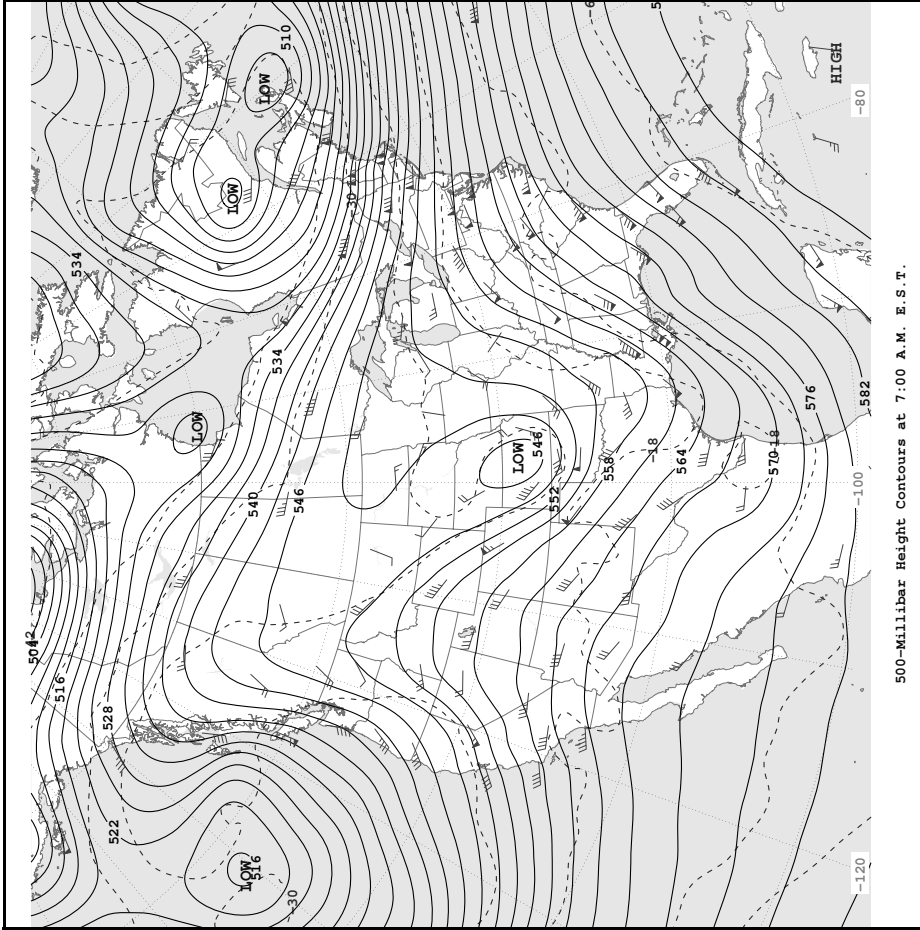
Sky Cover: **RR**

Ex: 989 = 998.9mb, 012 = 1001.2mb

THURSDAY, FEBRUARY 4, 2010



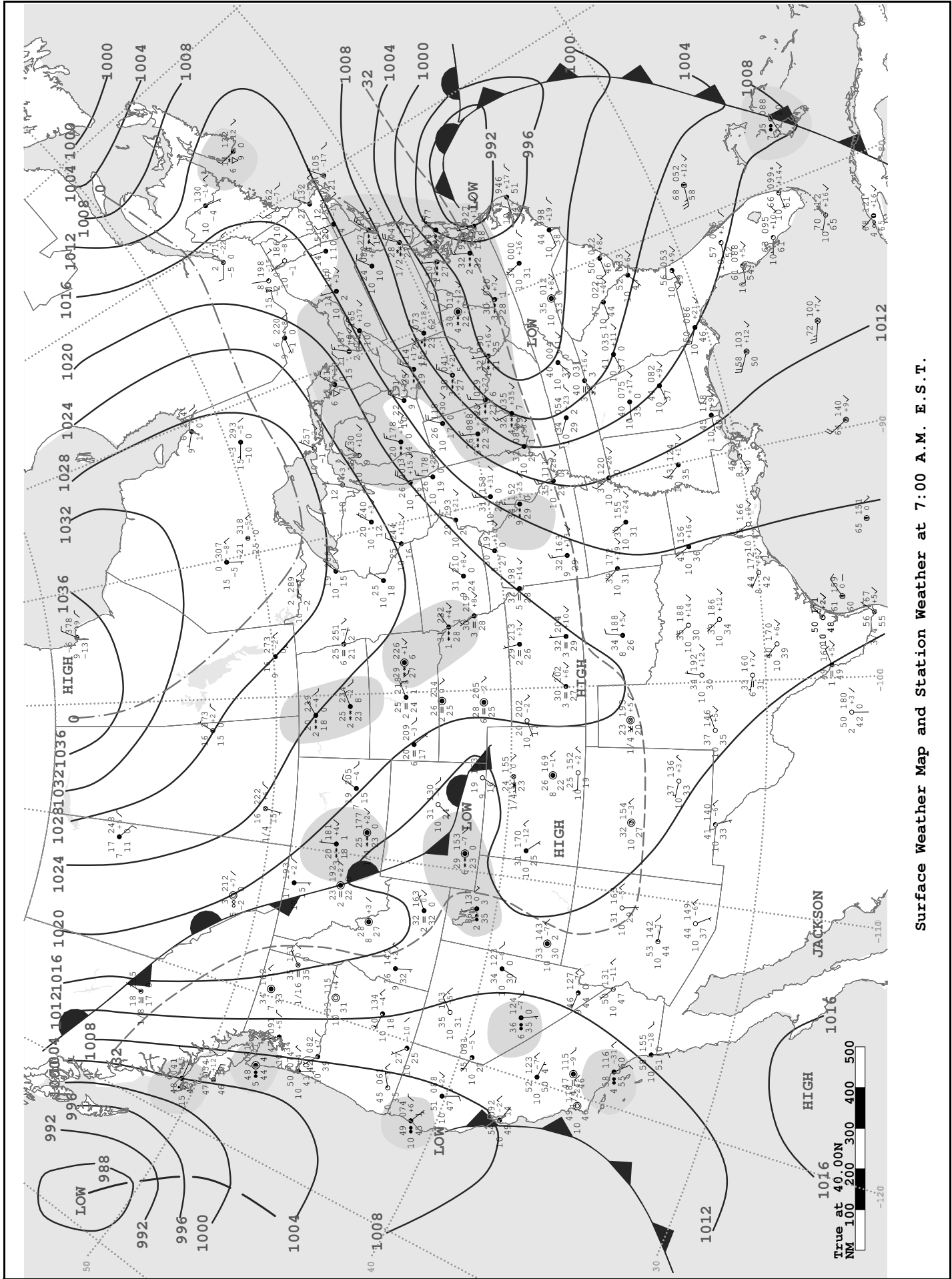
Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.



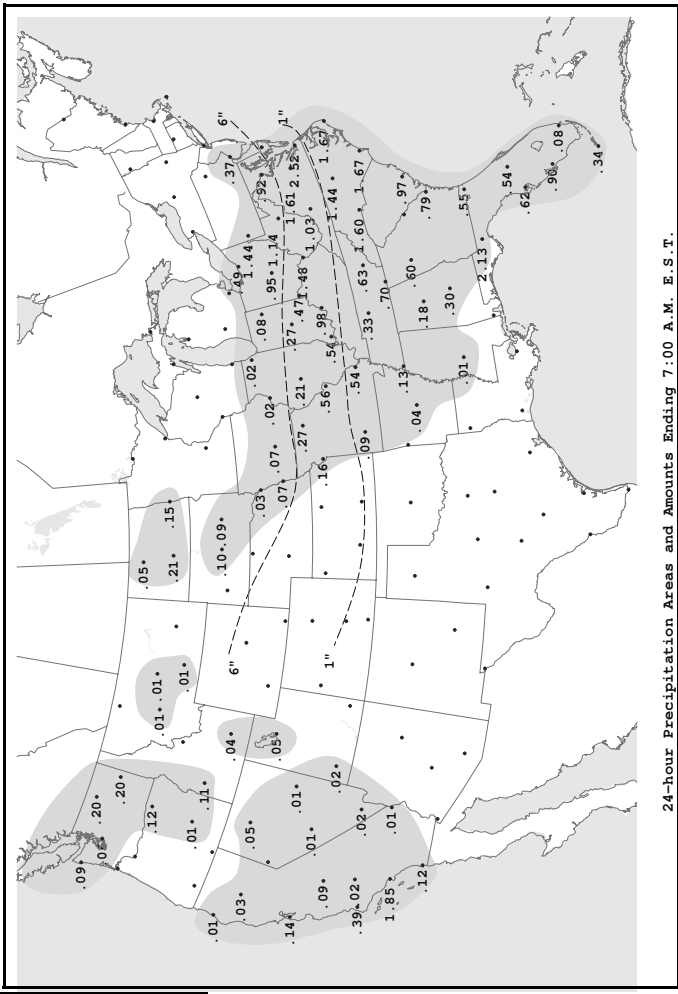
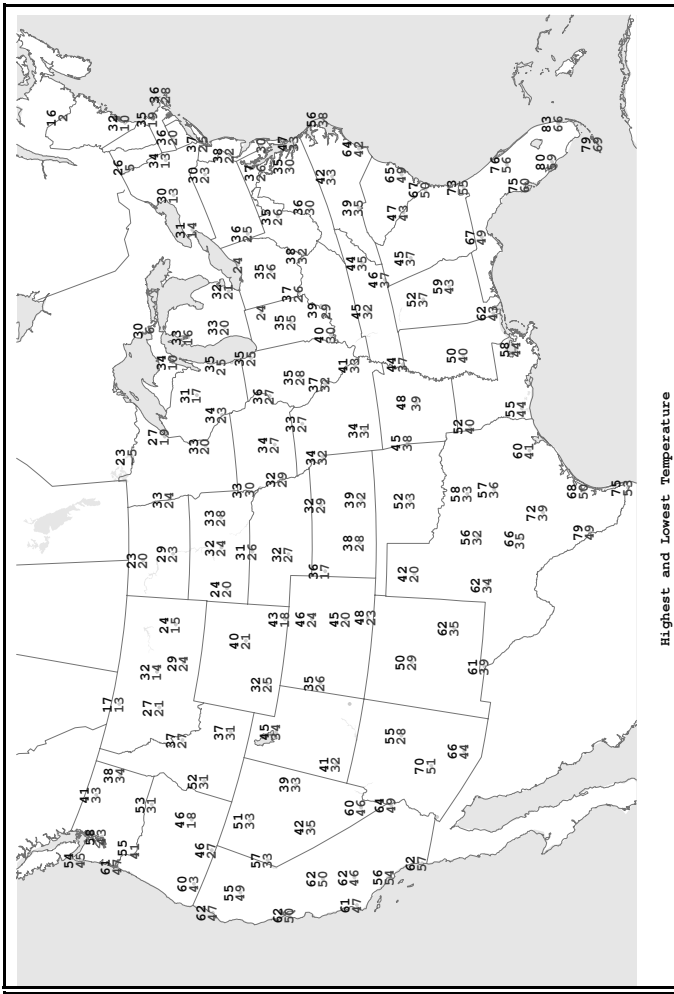
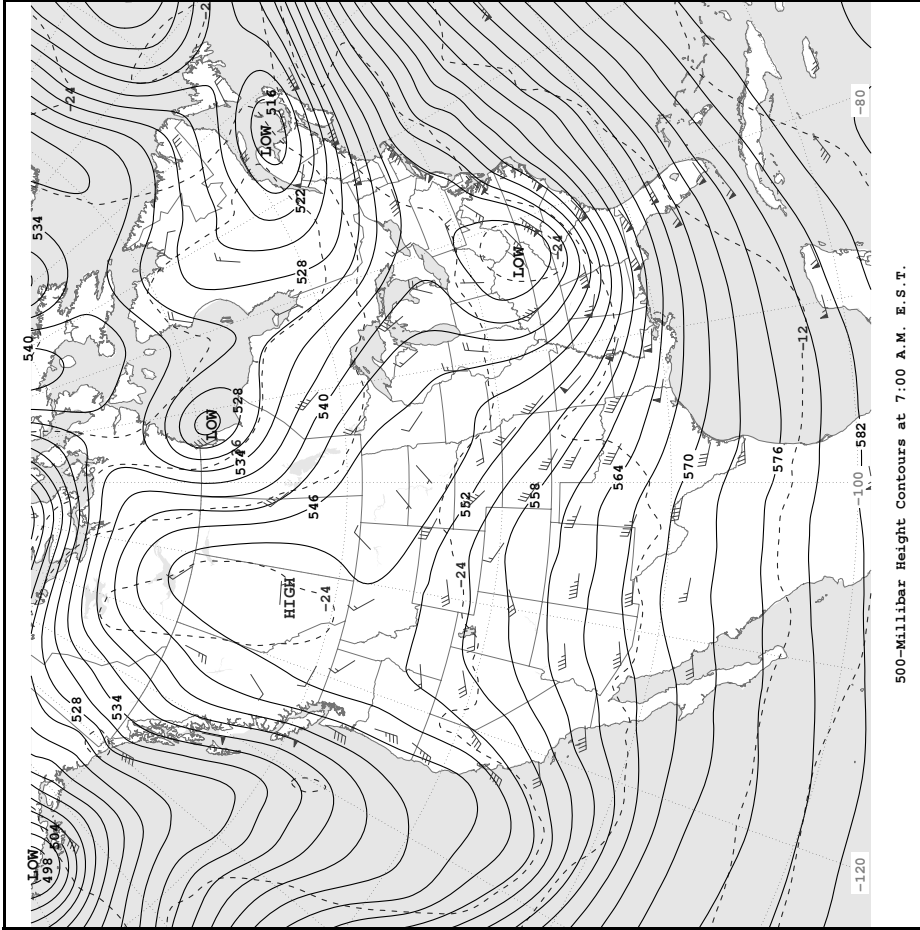
Wind Direction	Wind Speed	Long Feather - 10 knots	Short Feather - 5 knots
Current Temperature (in °F)	dd	3-Digit Surface Pressure (in tenths). Ex: 989 = 998.9mb, 012 = 1001.2mb	PPP
Visibility (in miles)	V	3 Hour Pressure Tendency (in tenths)	PP a
Present Weather Symbol	TT	6 Hour Total Precipitation (in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

Station Model

FRIDAY, FEBRUARY 5, 2010



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



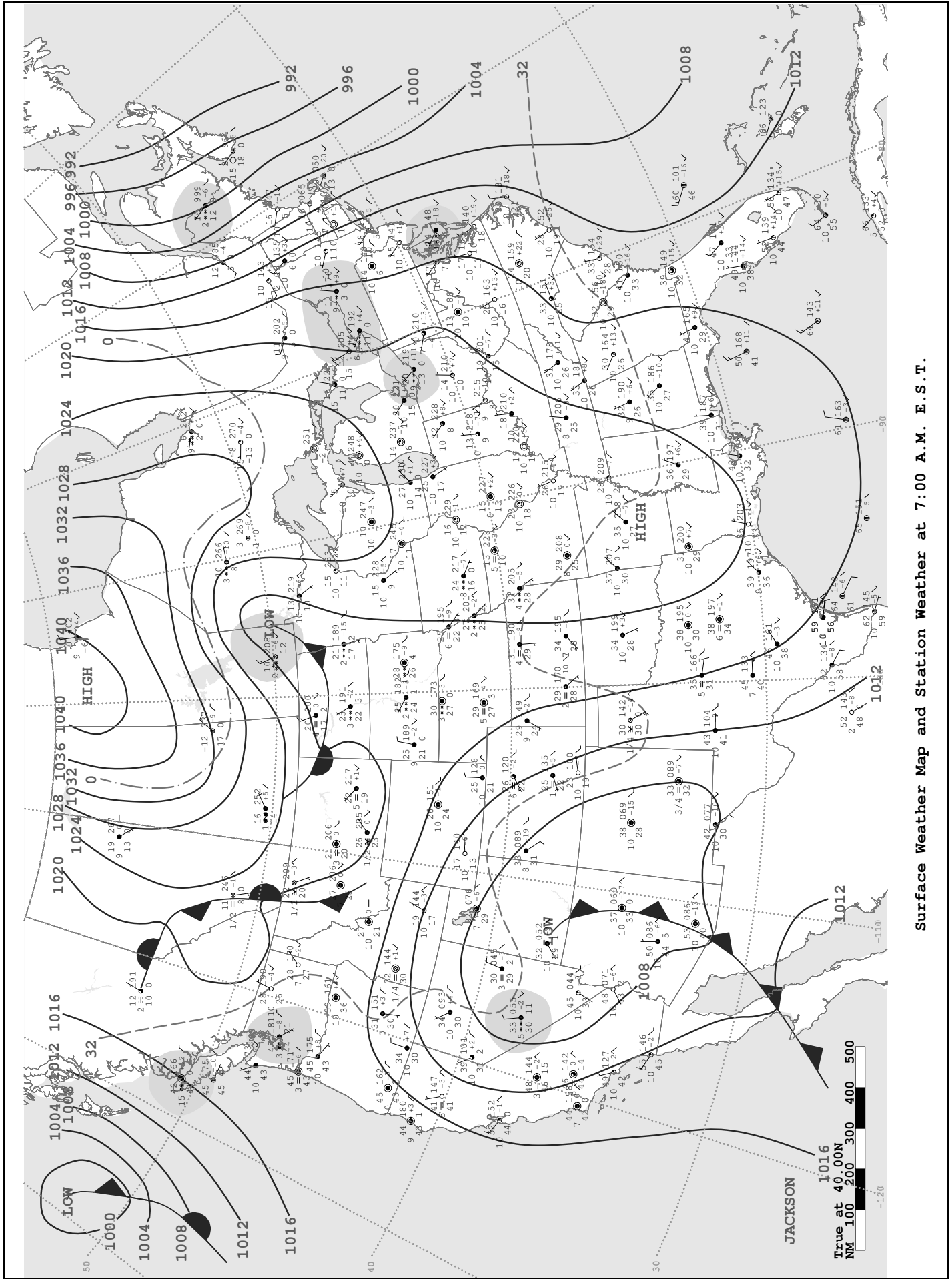
Station Model

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

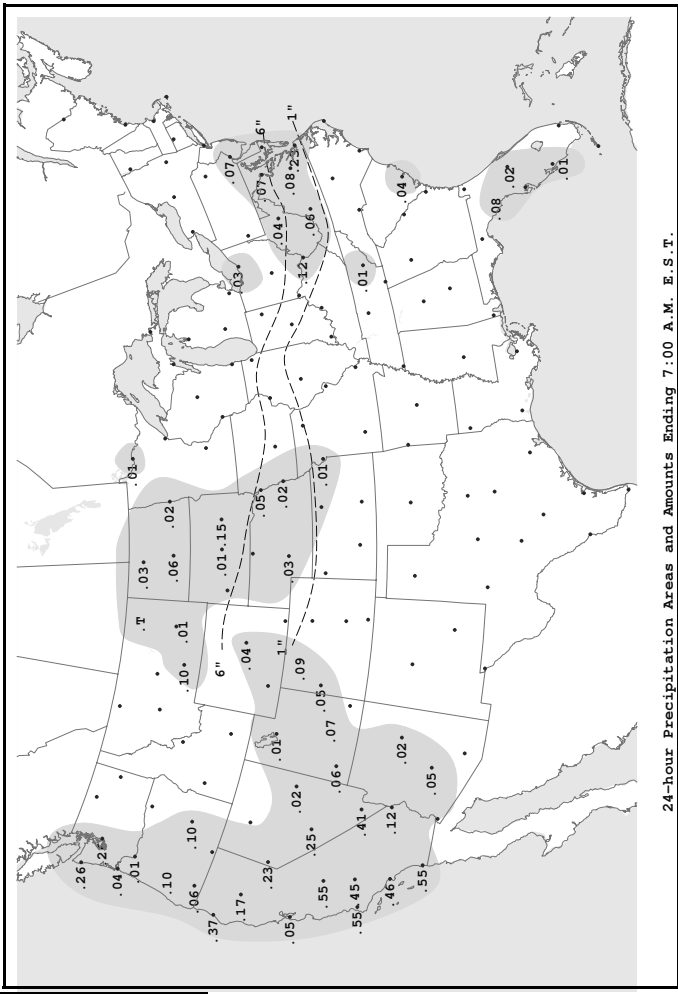
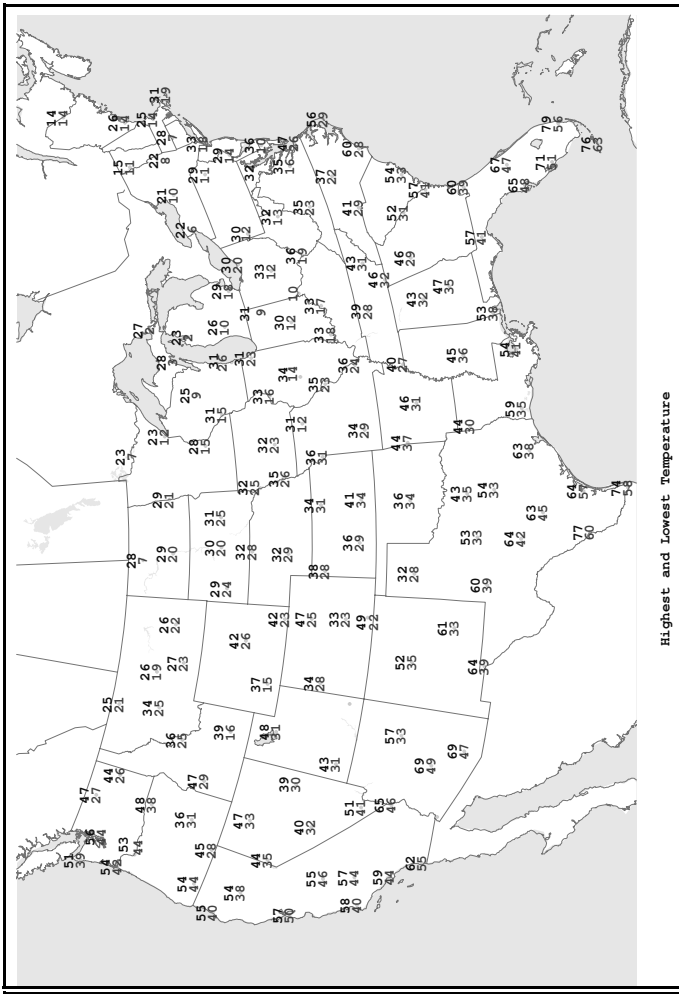
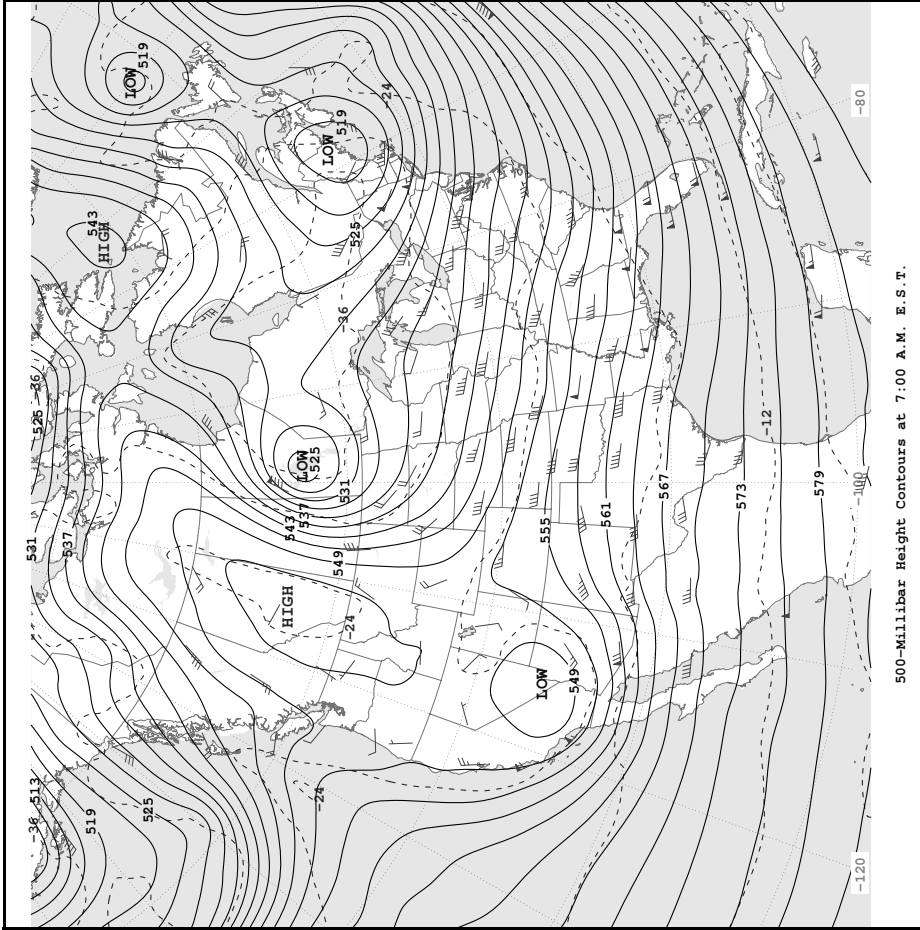
Current Temperature (in °F) — dd ——— ft
 3-Digit Surface Pressure (in tenths). Ex: 989 = 998.9mb, 012 = 1001.2mb

Visibility (in miles) ——— V ———
 Present Weather Symbol ——— TT ———
 Dew Point Temperature ——— TD ———
 3 Hour Pressure Tendency (in tenths) ——— PPp ———
 6 Hour Total Precipitation (in hundredths of an inch) ——— PP a ———
 Sky Cover ——— RR ———

SATURDAY, FEBRUARY 6, 2010



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



Station Model

Wind Direction: **ff** (feather) — Wind Speed: Long Feather - 10 knots, Short Feather - 5 knots

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

Visibility (in miles): **TT** — Present Weather Symbol: **PP** — 3 Hour Pressure Tendency (in tenths): **PP a** — 6 Hour Total Precipitation (in hundredths of an inch): **RR** — Sky Cover: **Sk**

SUNDAY, FEBRUARY 7, 2010

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