



Daily Weather Maps

DECEMBER 29, 2008 - JANUARY 4, 2009

Week 1

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.

The *Daily Weather Map* is published weekly by the U.S. Department of Commerce, National Oceanic and Atmospheric Administration (NOAA). NOAA and IMC are responsible for managing, printing, and distributing the bulletin. The contents may be reprinted freely, with proper credit.

Annual subscriptions: Domestic and International subscriptions are \$75. Check and credit card (Visa, MasterCard, Discover, and American

Express) payments are accepted. Payments (invoices) should be mailed to: NOAA/NCDC, P.O. Box 979023, St. Louis, MO 63197-9000; or invoices faxed to: (304) 726-4409.

Send address changes to: NCDC Subscription Services Center, 310 State Route 956, Building 300, Rocket Center, WV 26726; call toll free: (866) 742-3322; TDD: (828) 271-4010; fax: (304) 726-4409; or E-mail: noaasubsvcs@imcwg.com

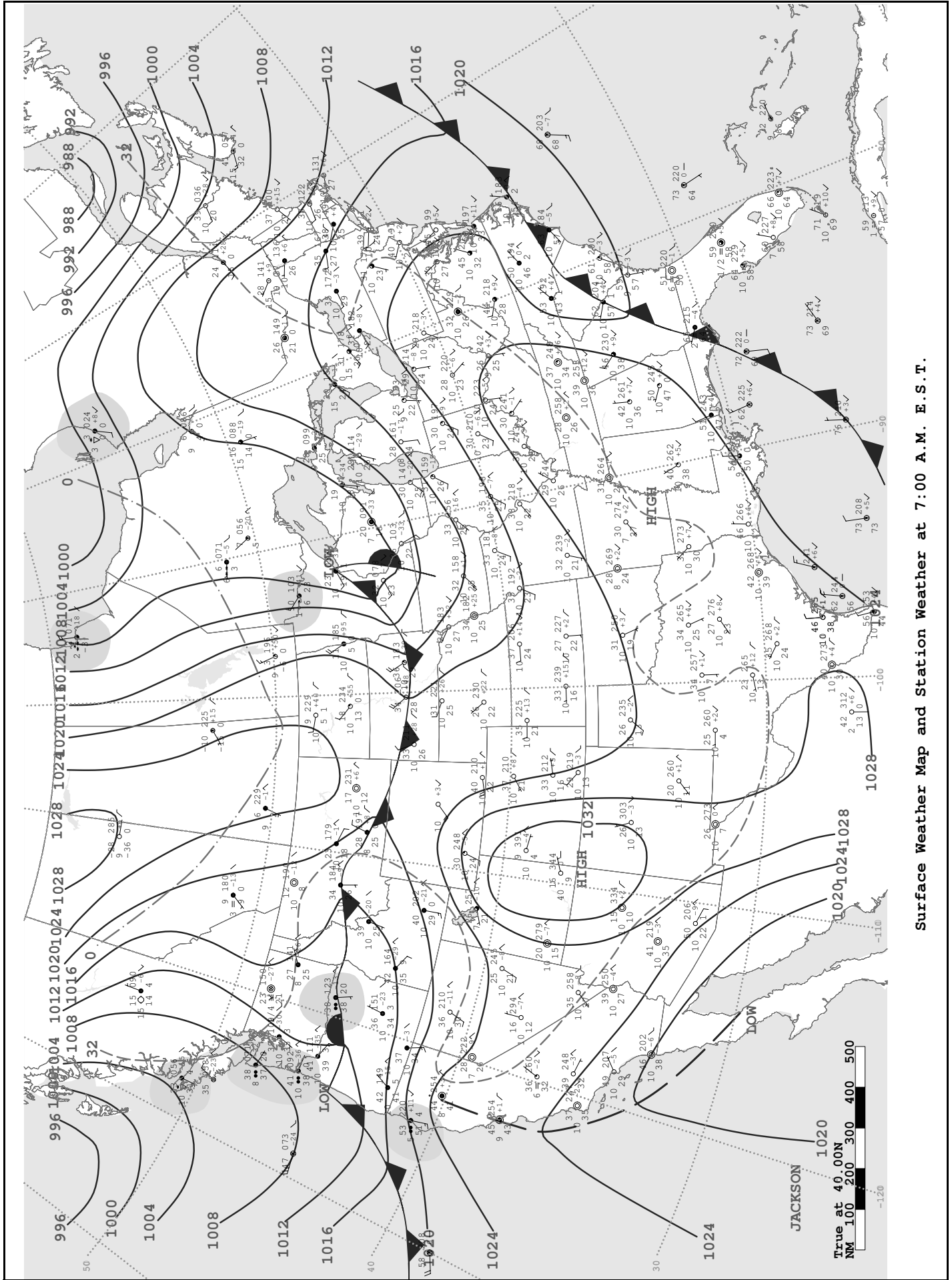
Correspondence to the meteorologists should be directed to: *Daily Weather Map*, NOAA/National Weather Service, Room 410, 5200 Auth Rd, Camp Springs, MD 20746.

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

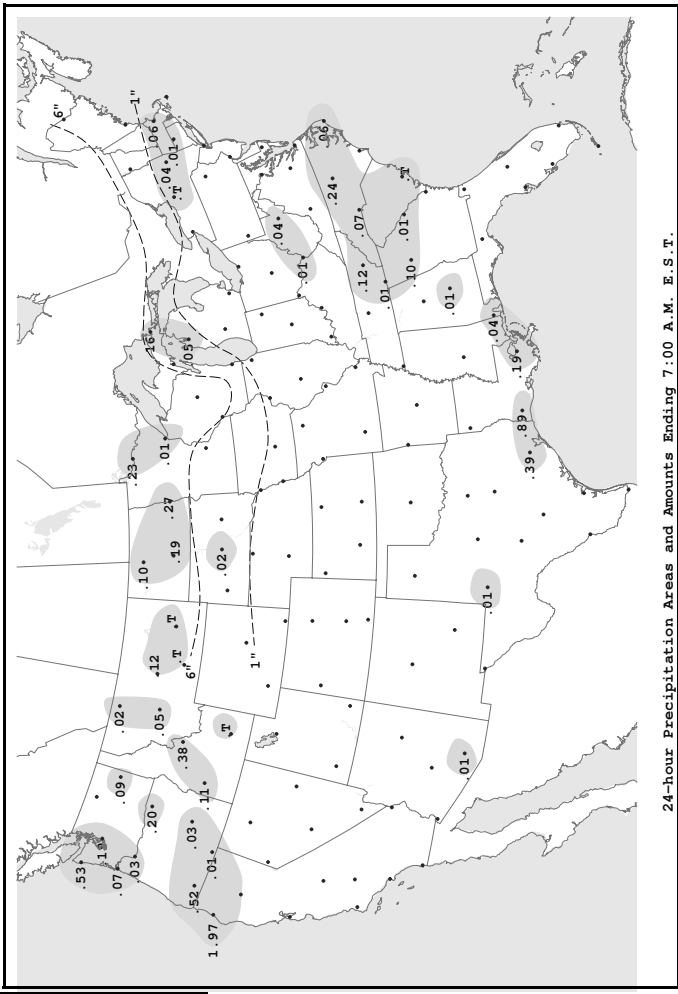
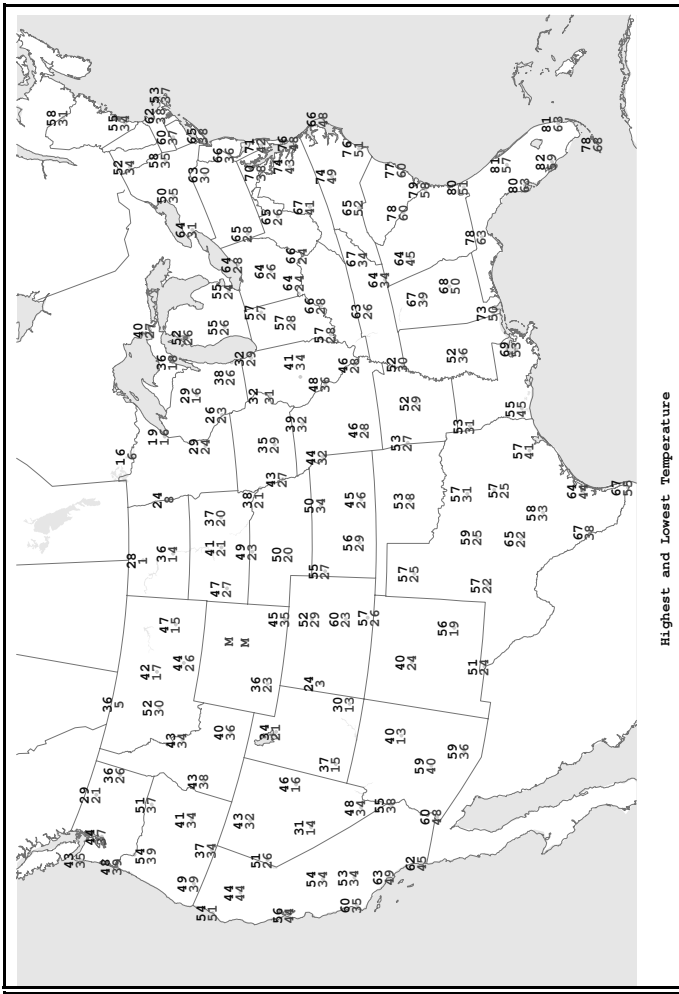
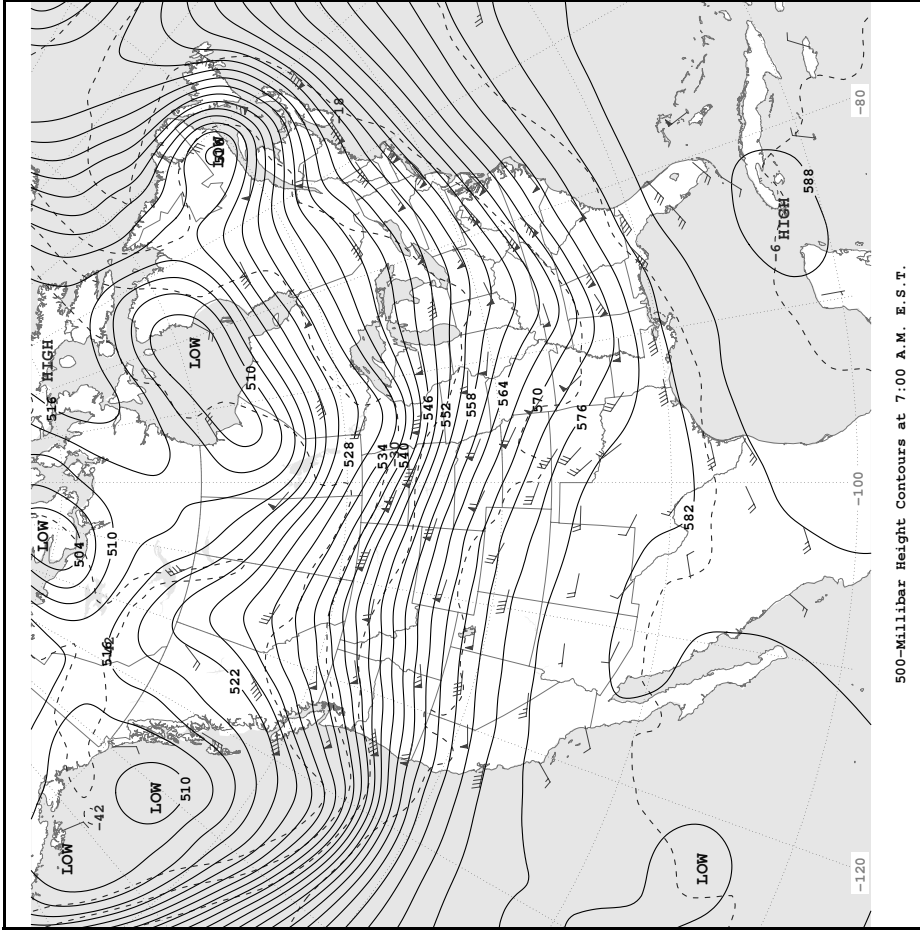
Current HPC products are available online at www.hpc.ncep.noaa.gov

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

FIRST CLASS MAIL
POSTAGE & FEES PAID
NOAA
PERMIT NO. G-19



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: **F**

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

Visibility (in miles): **V**

Present Weather Symbol: **●**

Dew Point Temperature: **TT**

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

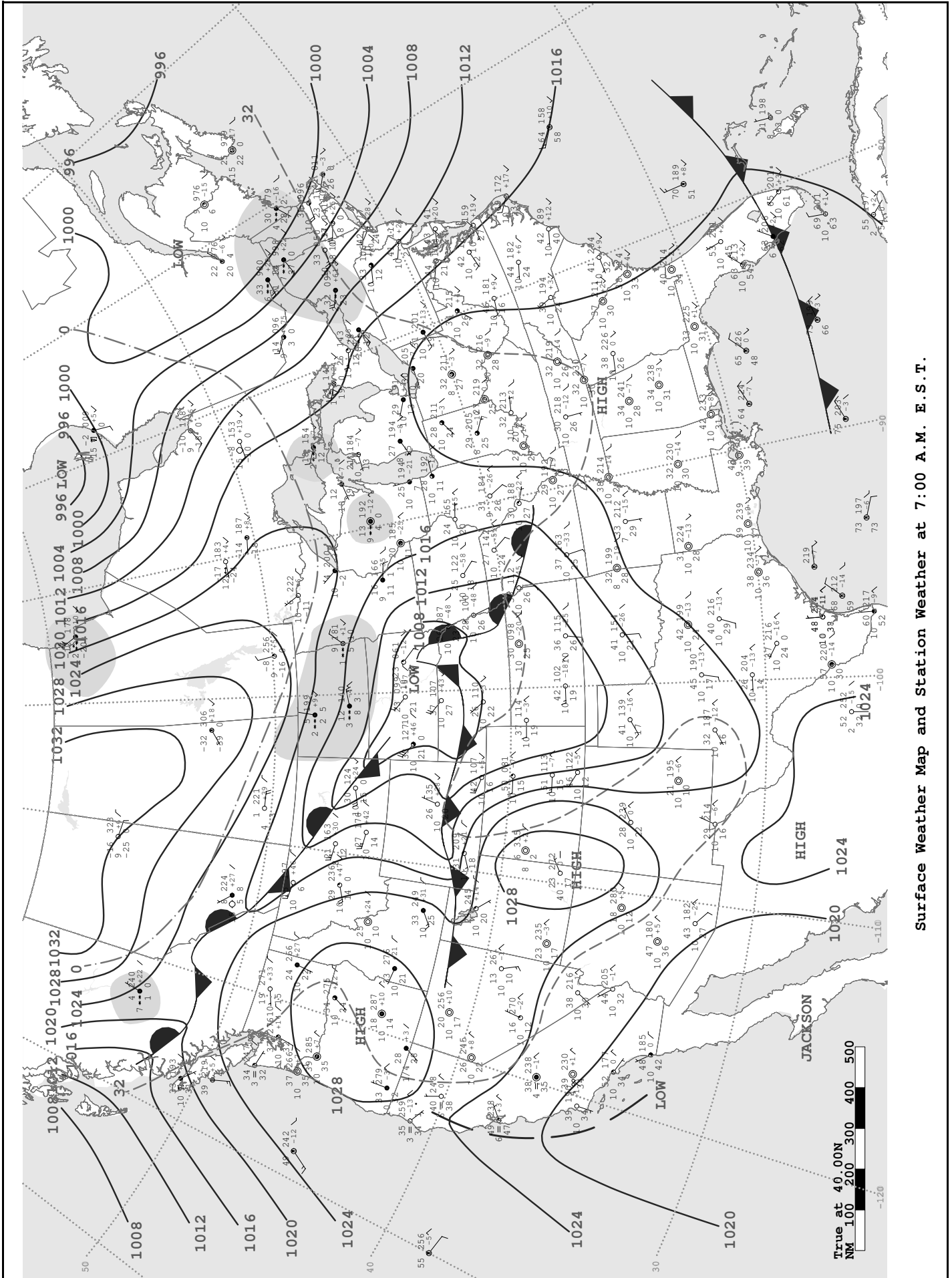
6 Hour Total Precipitation (in hundredths of an inch): **RR**

Sky Cover: **—**

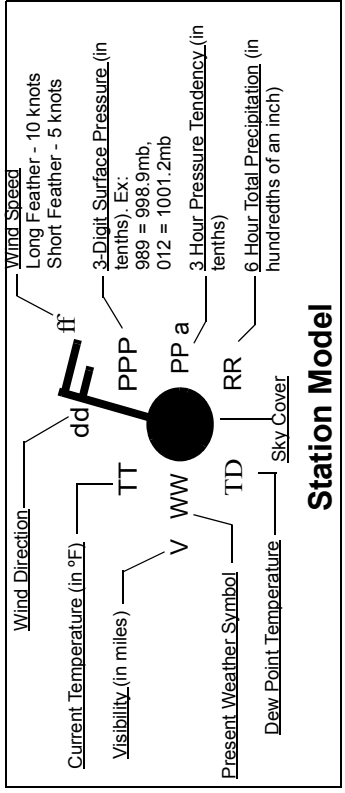
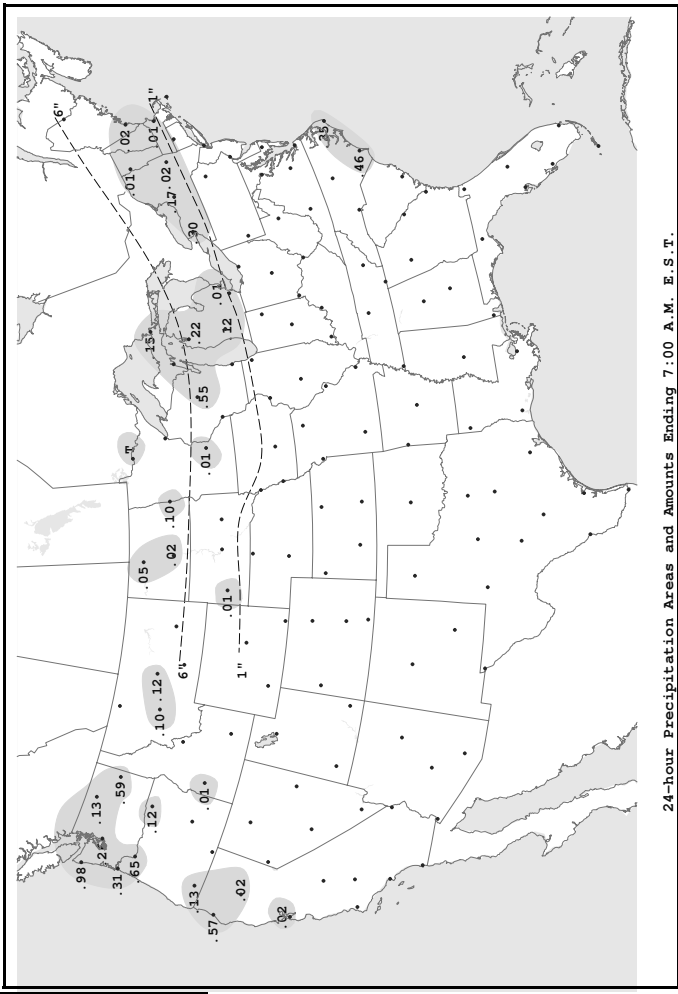
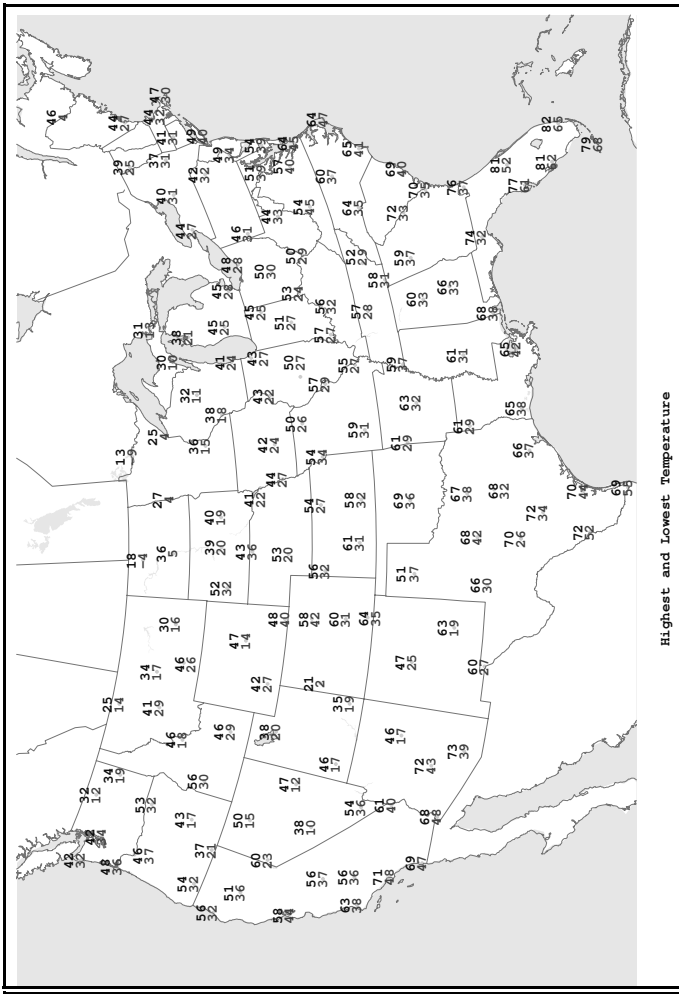
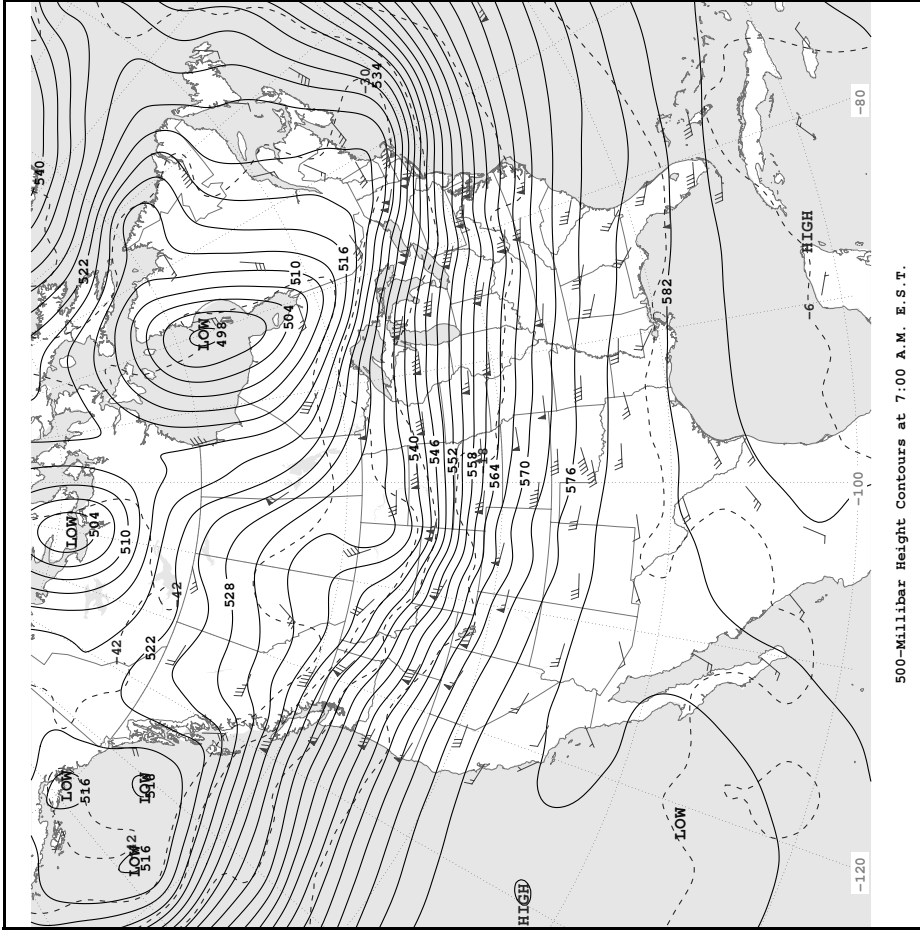
ft

tenths) Ex: 989 = 998.9mb, 012 = 1001.2mb

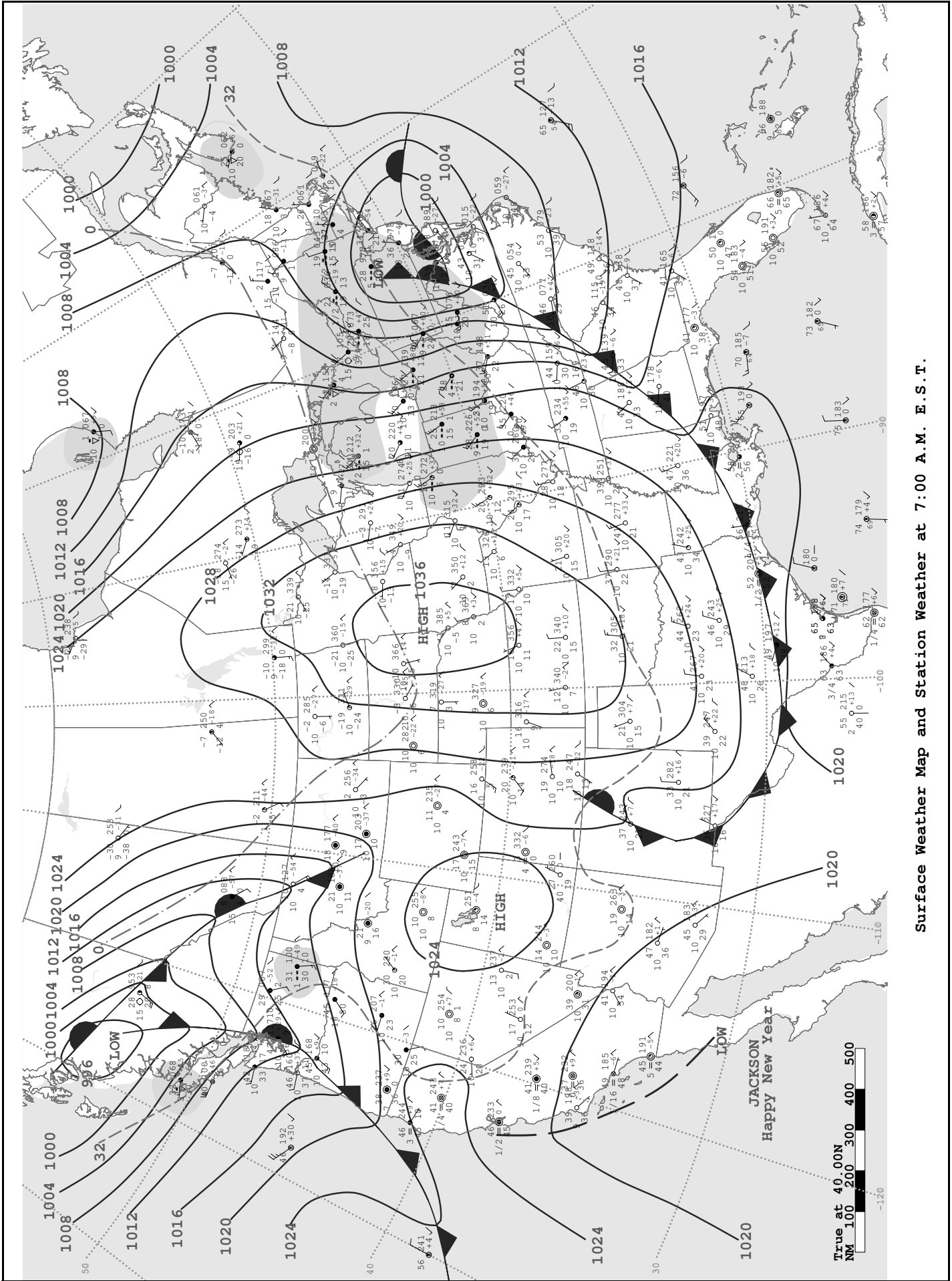
MONDAY, DECEMBER 29, 2008



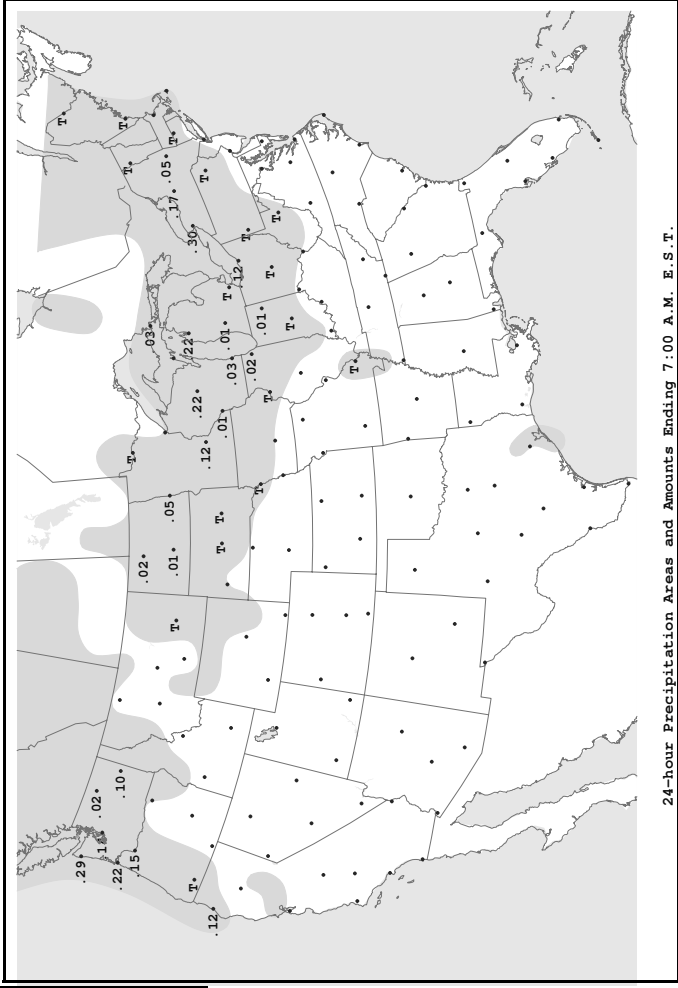
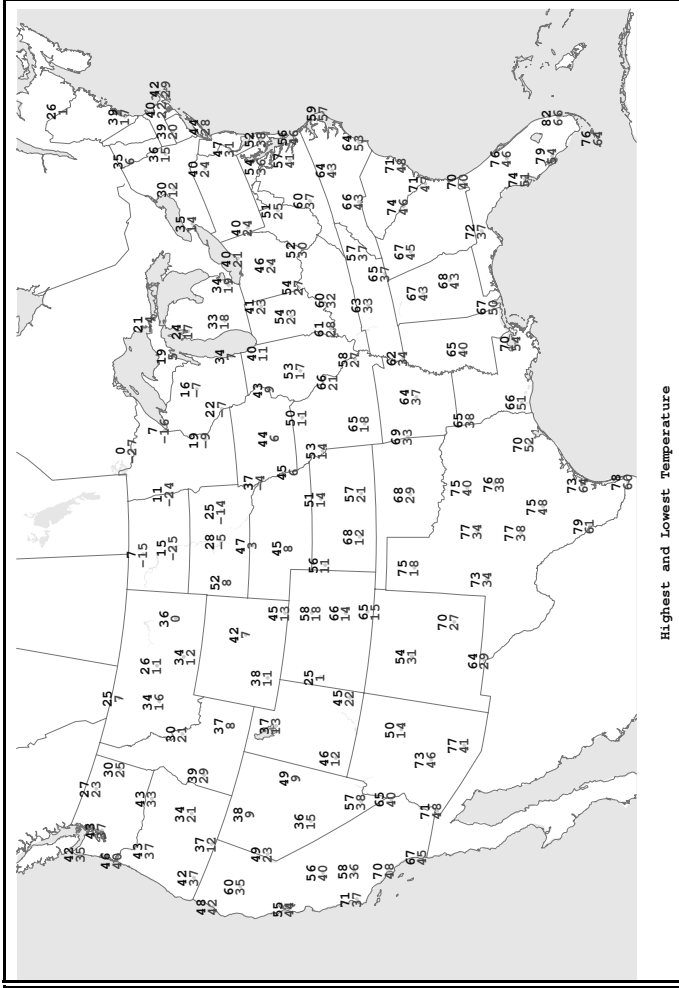
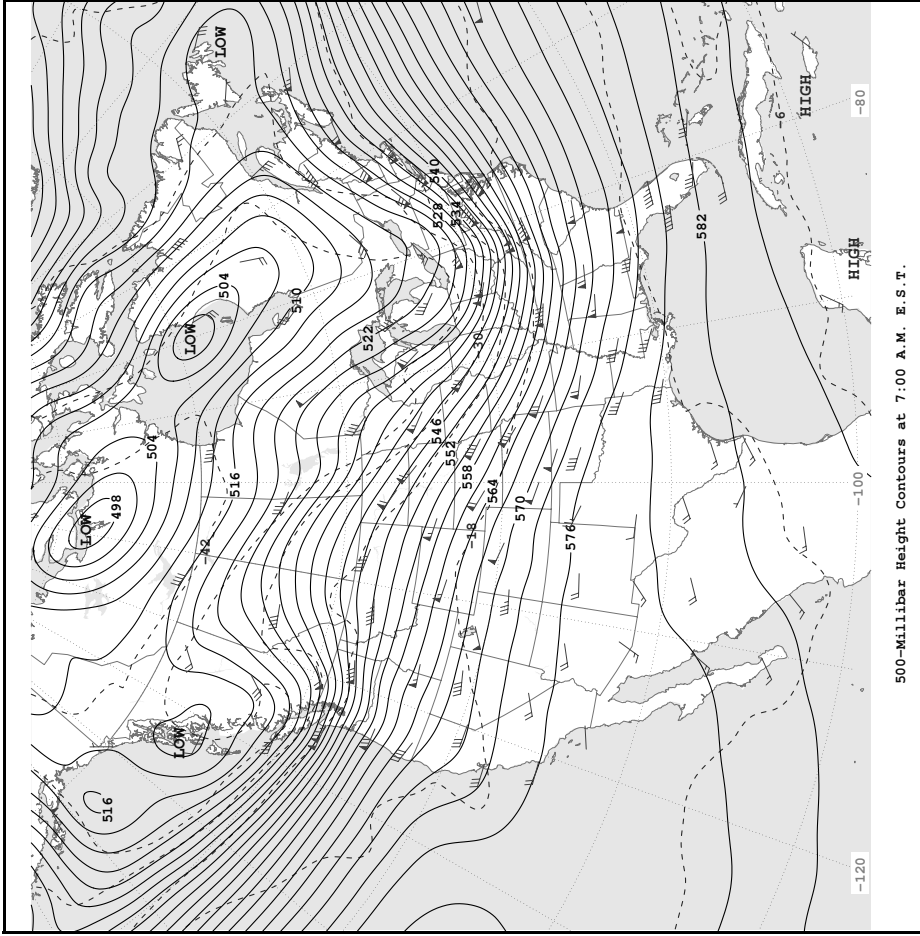
Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.



TUESDAY, DECEMBER 30, 2008



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

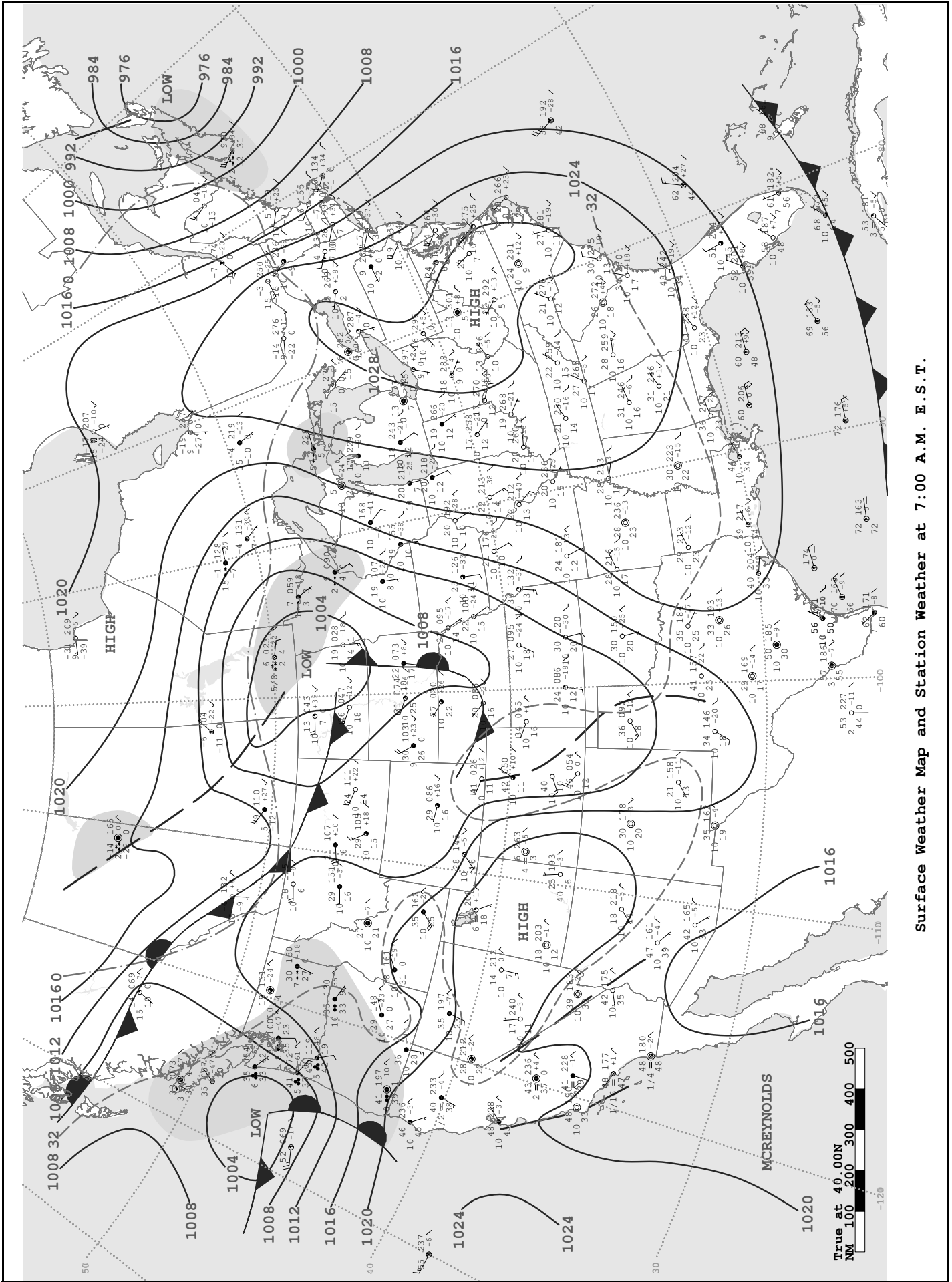


Station Model

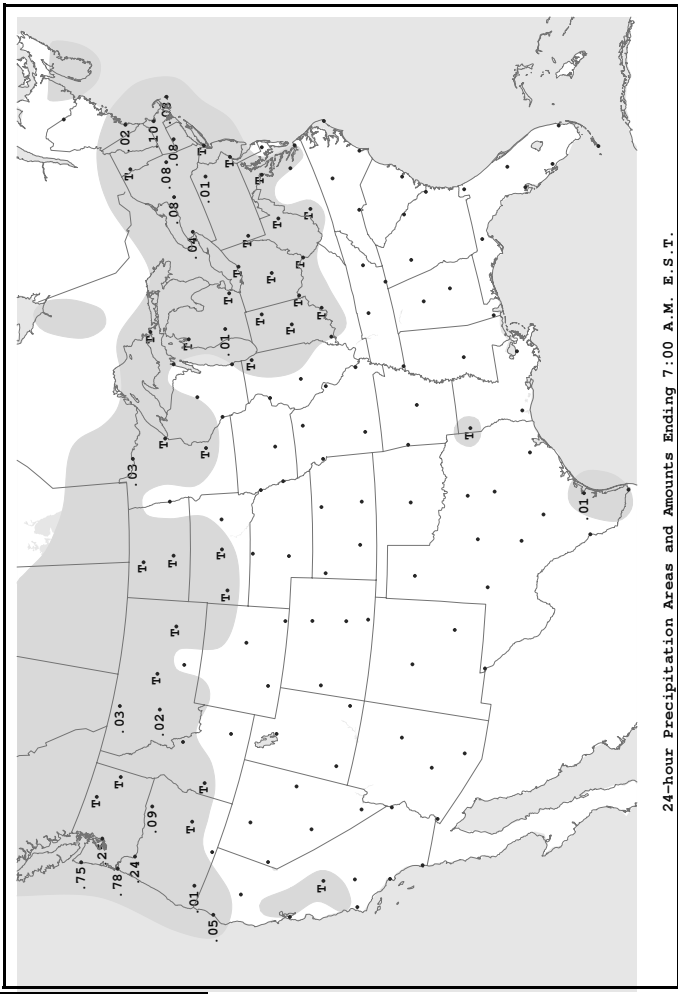
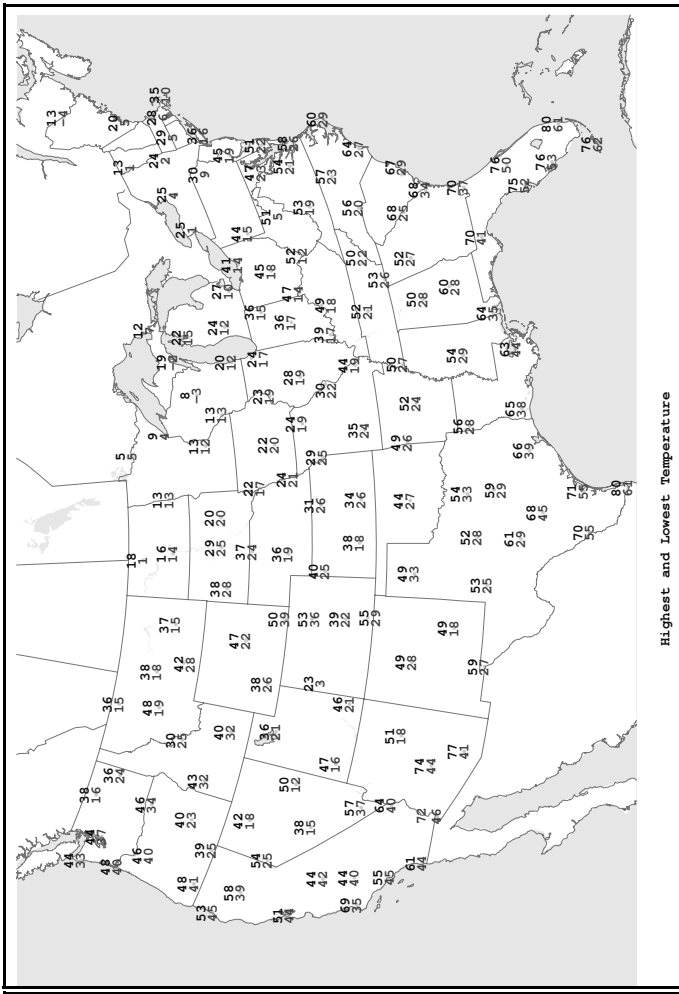
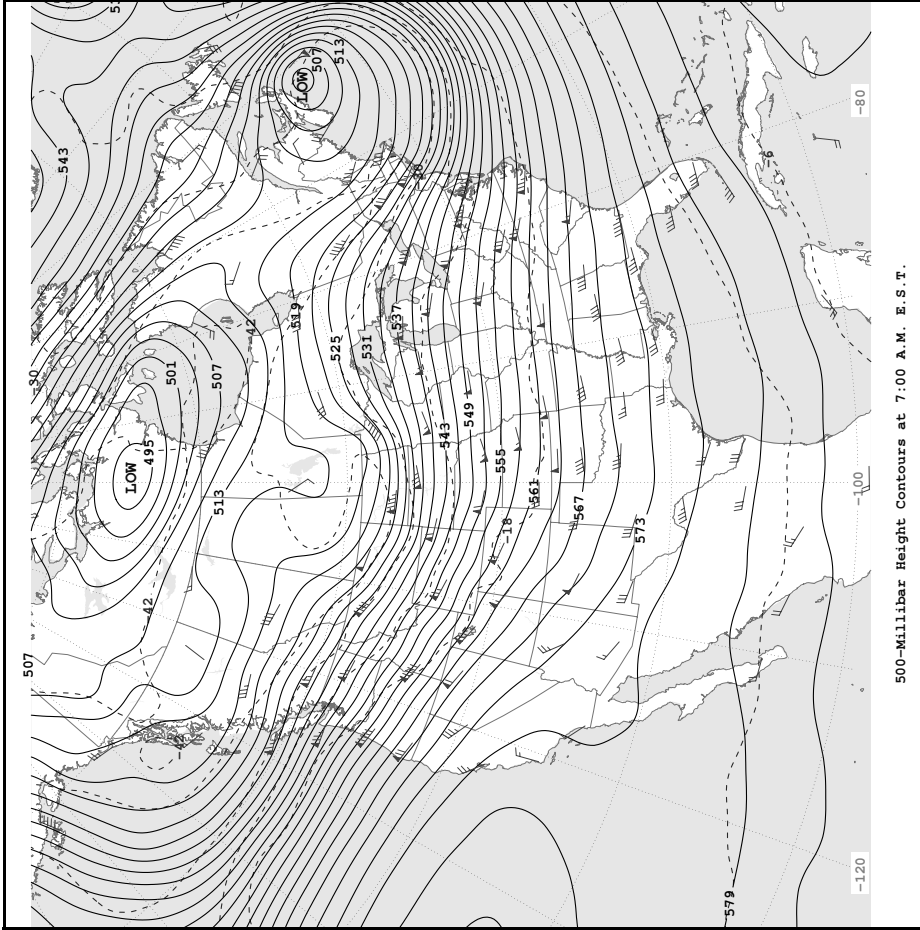
The station model diagram consists of the following elements:

- Wind Direction:** Indicated by a 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:** Represented by the number 'PPP'.
- 3 Hour Pressure Tendency:** Represented by the number 'PPa'.
- 6 Hour Total Precipitation (in hundredths of an inch):** Represented by the number 'RR'.
- Sky Cover:** Represented by a horizontal line.

WEDNESDAY, DECEMBER 31, 2008



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



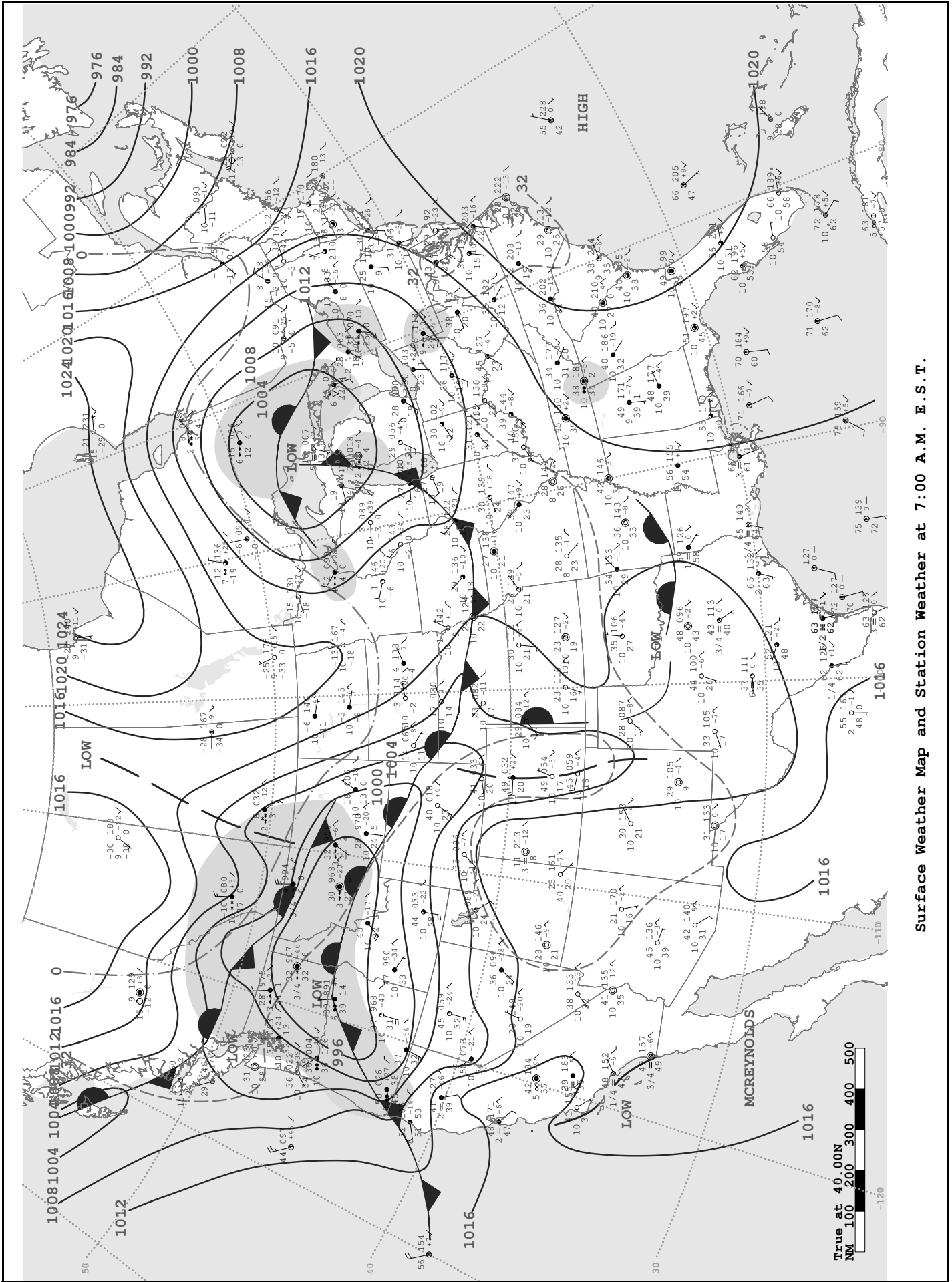
Station Model

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

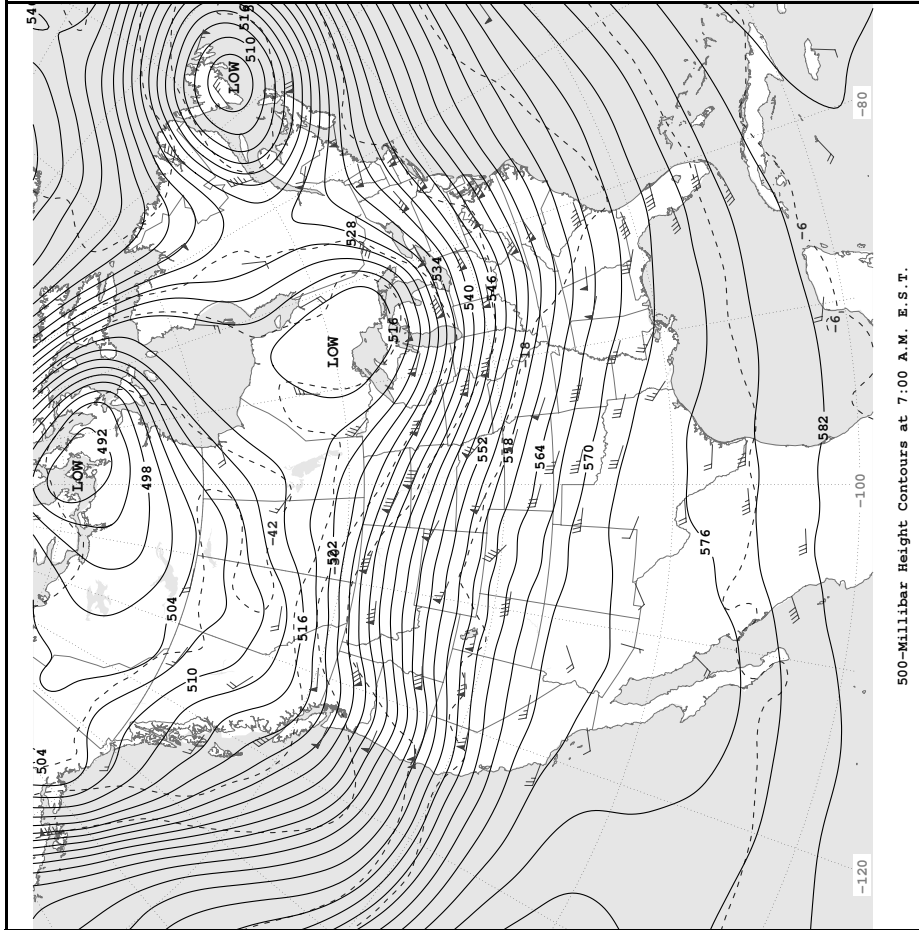
Current Temperature (in °F): **dd** — 3-Digit Surface Pressure (in tenths): Ex: 989 = 998.9mb, 012 = 1001.2mb

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

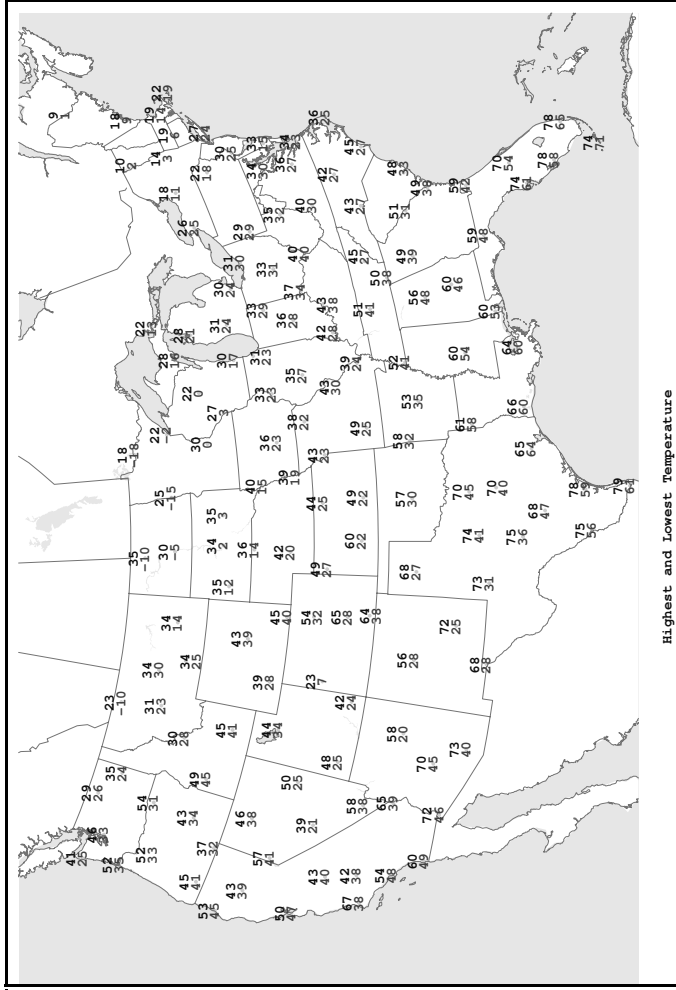
THURSDAY, JANUARY 1, 2009



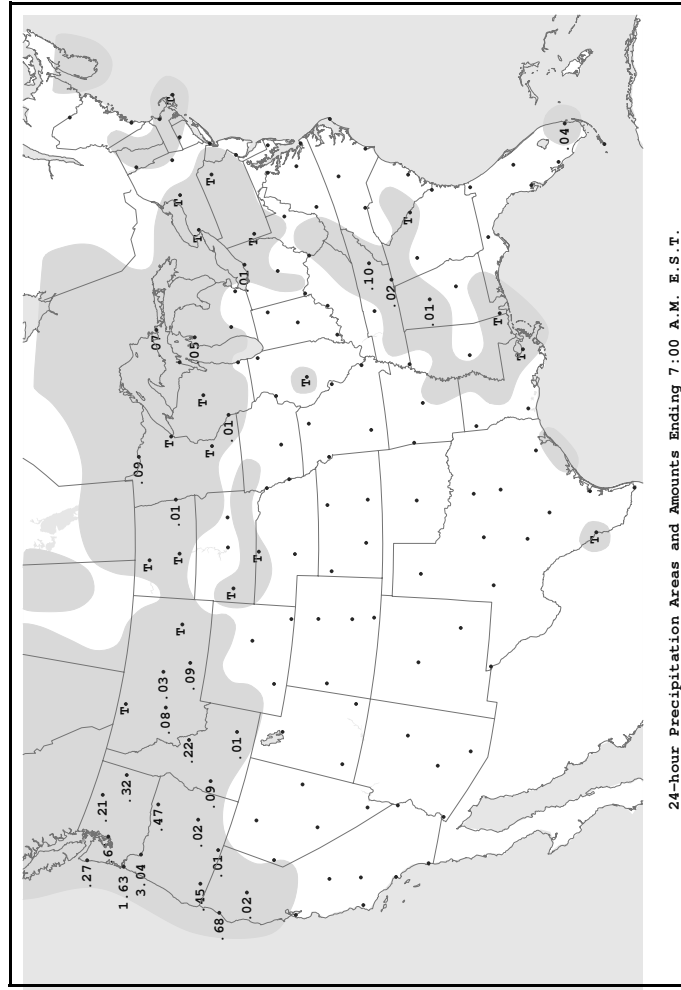
Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.



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.

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

Current Temperature (in °F) — **dd** — ft

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

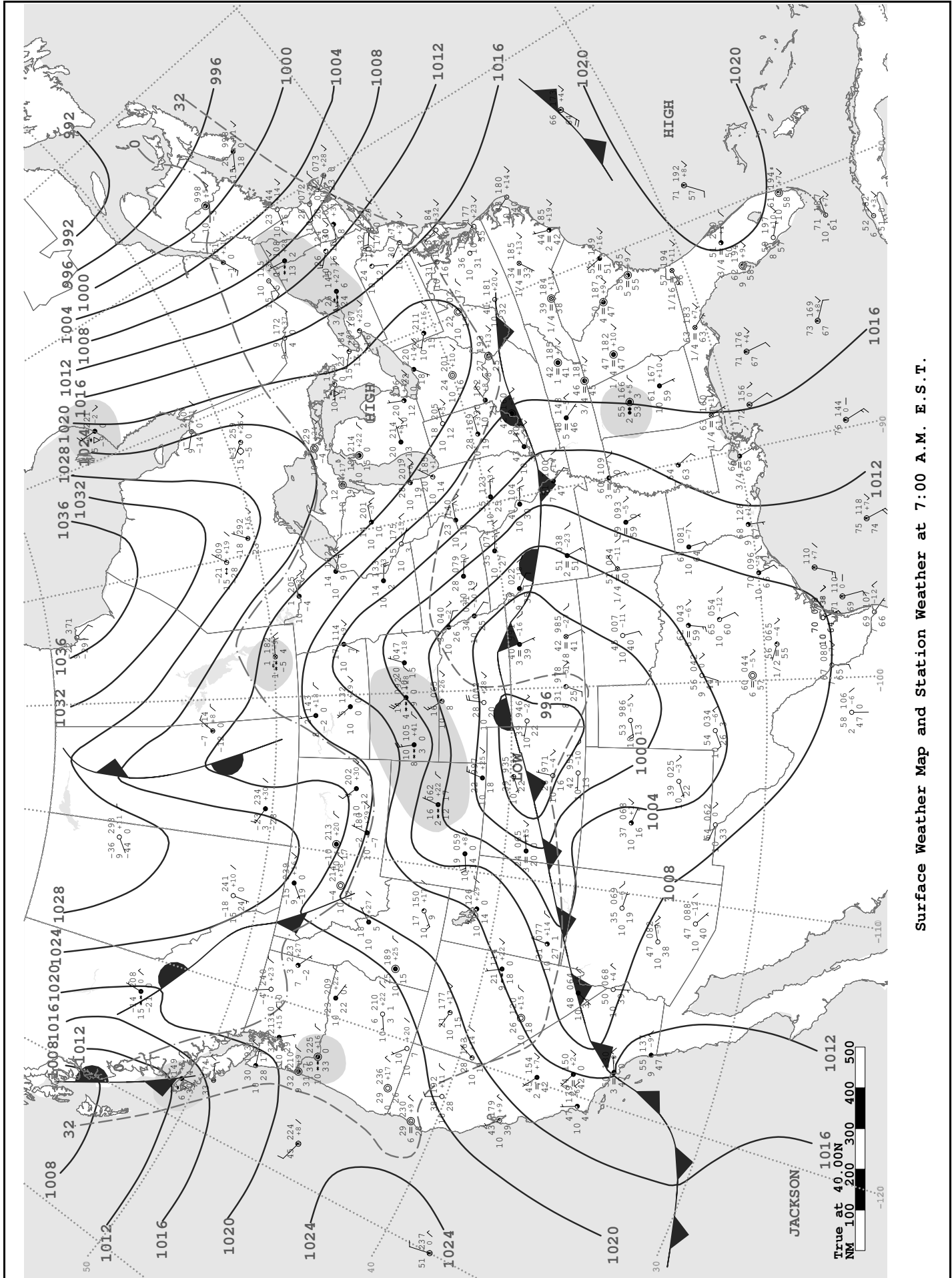
Present Weather Symbol — **●** — **PP a** — 3 Hour Pressure Tendency (in tenths)

Dew Point Temperature — **TT** — **RR** — 6 Hour Total Precipitation (in hundredths of an inch)

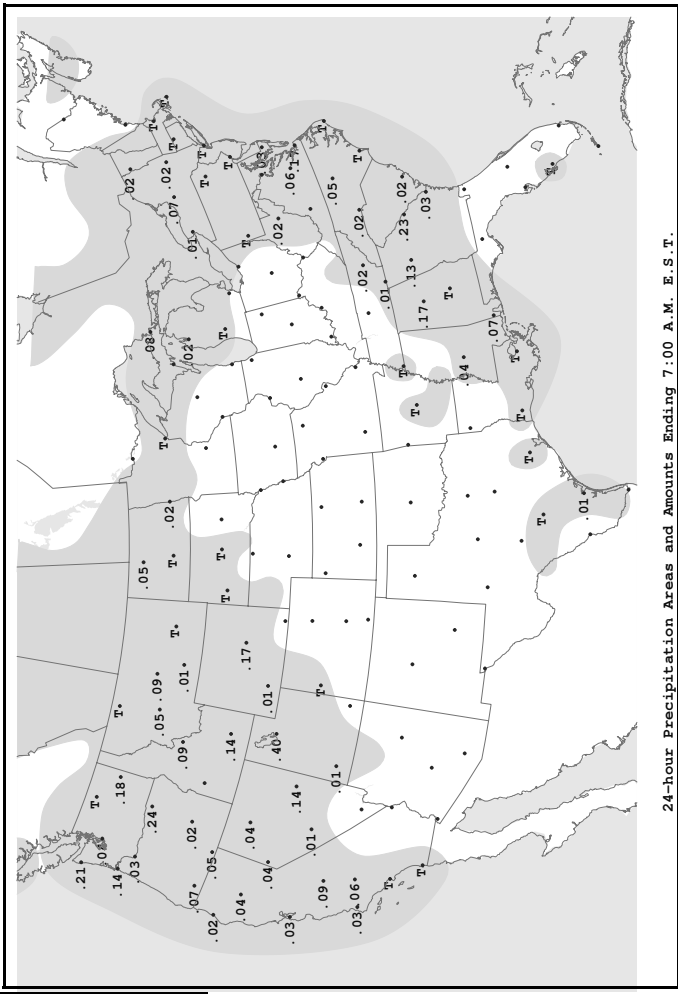
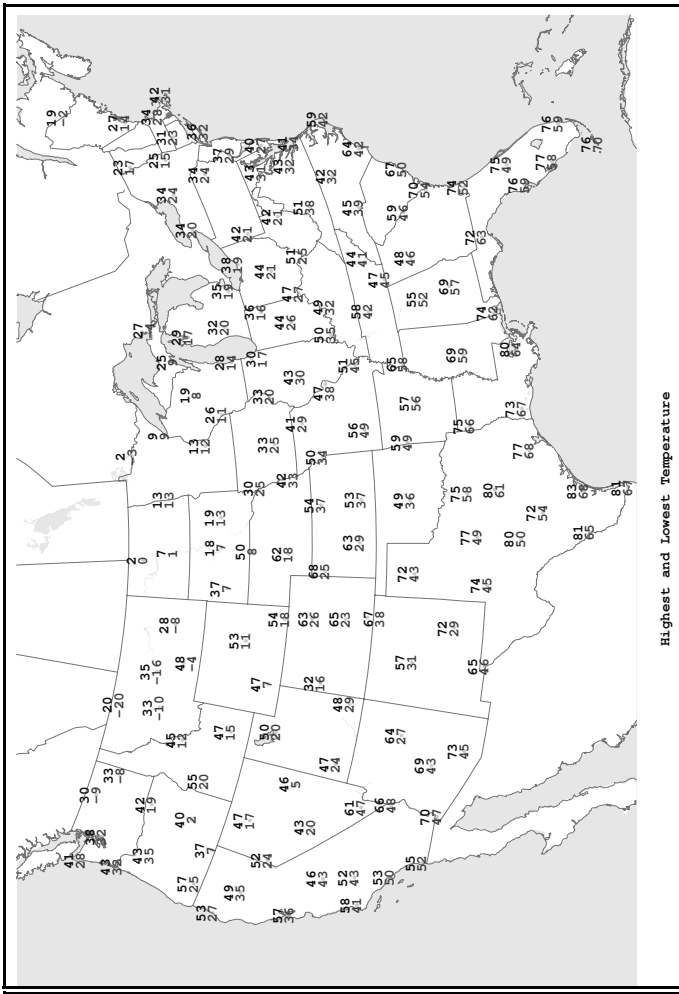
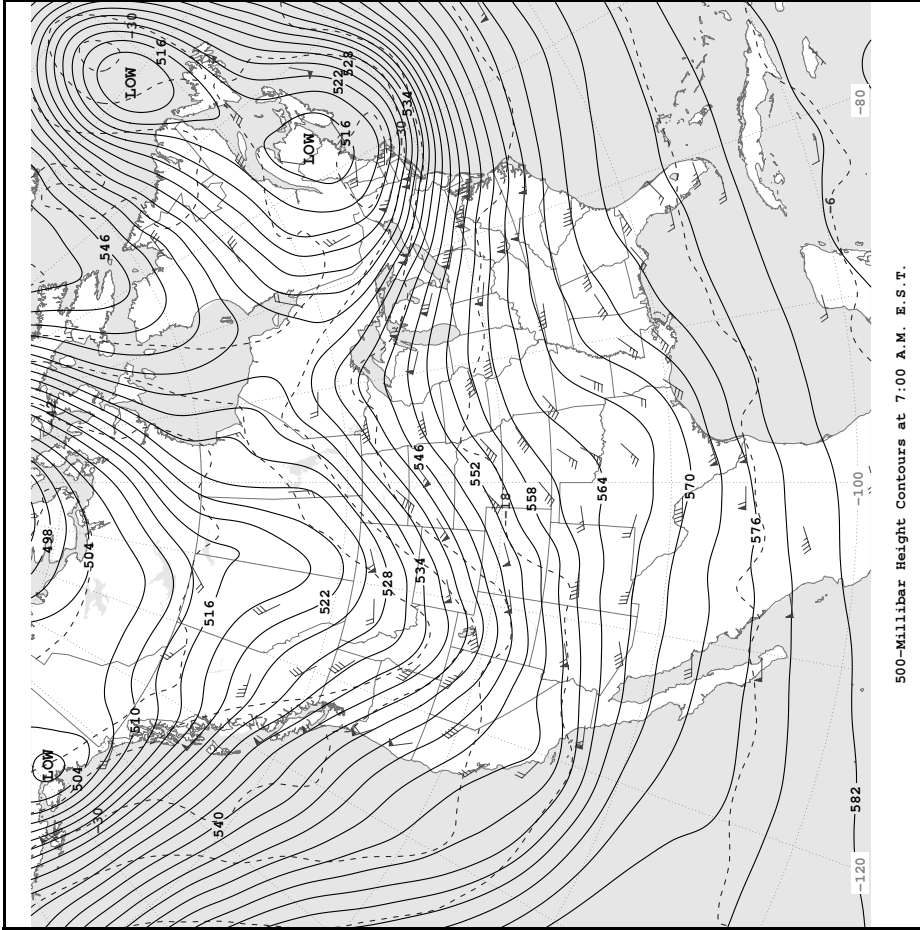
— Sky Cover

Station Model

FRIDAY, JANUARY 2, 2009



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**

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

Present Weather Symbol: **●**

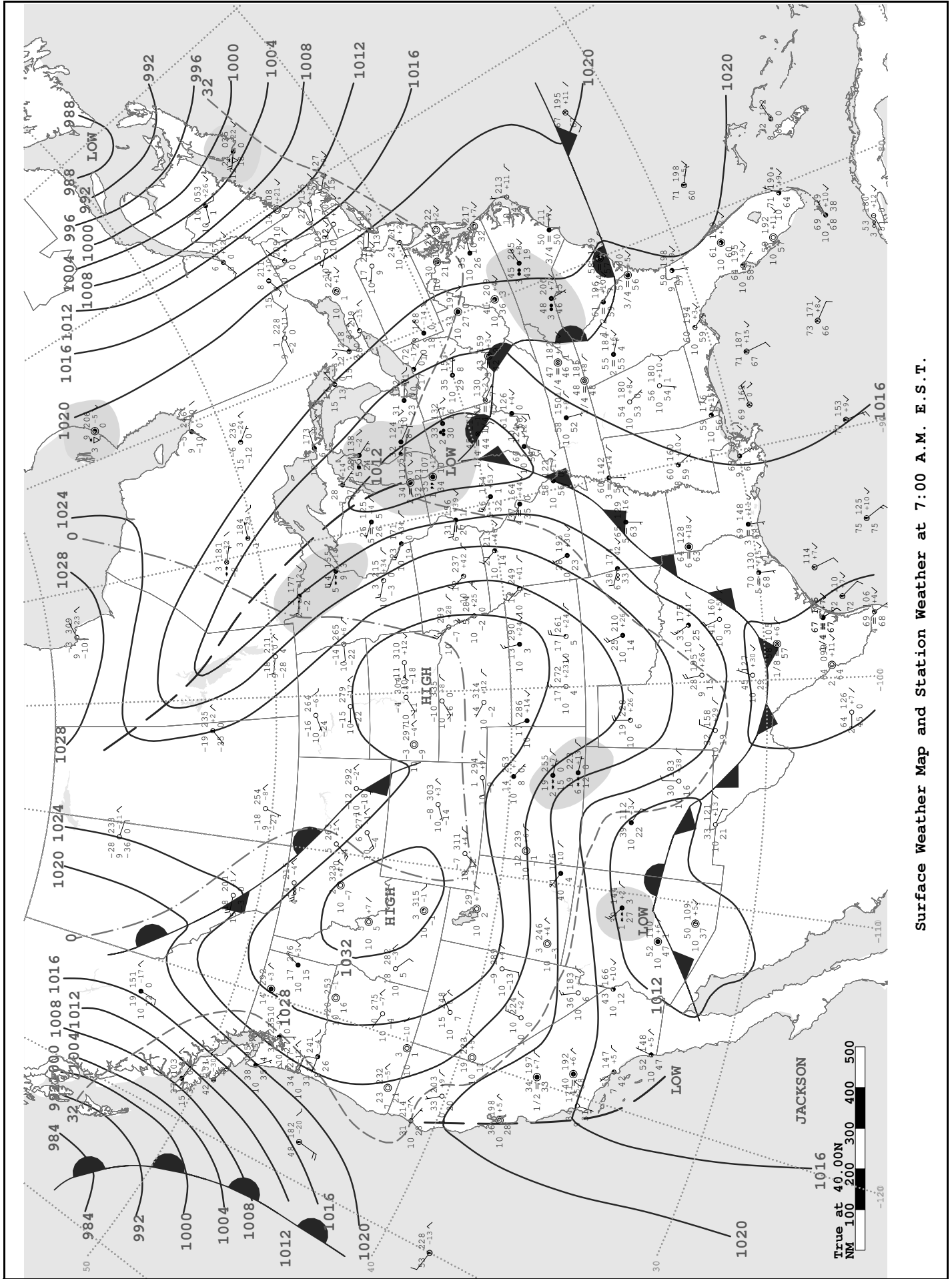
Dew Point Temperature: **TT**

Visibility (in miles): **V**

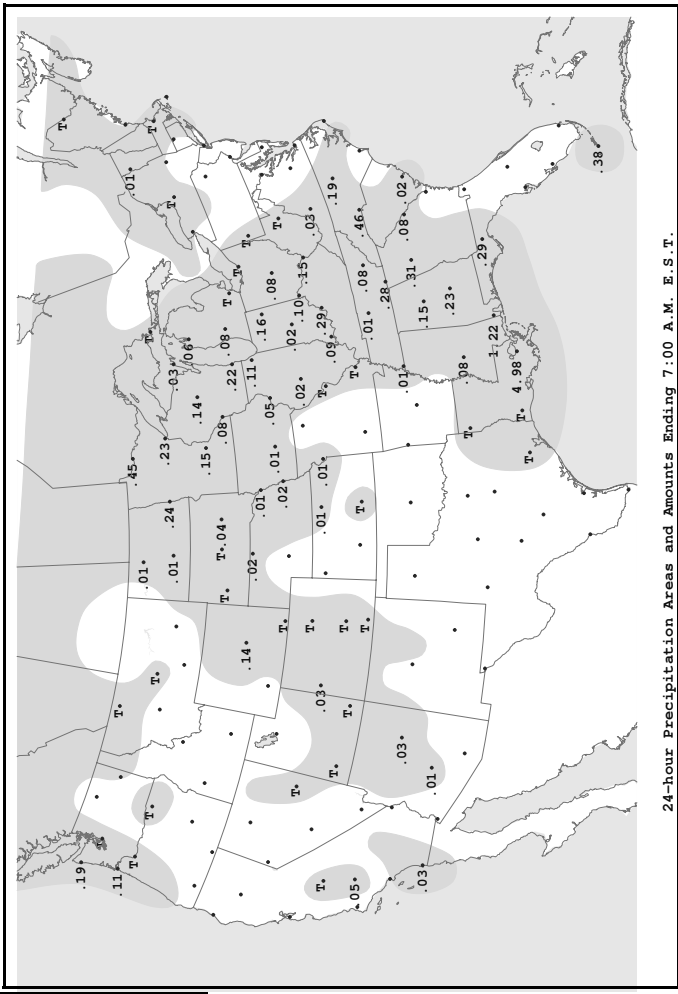
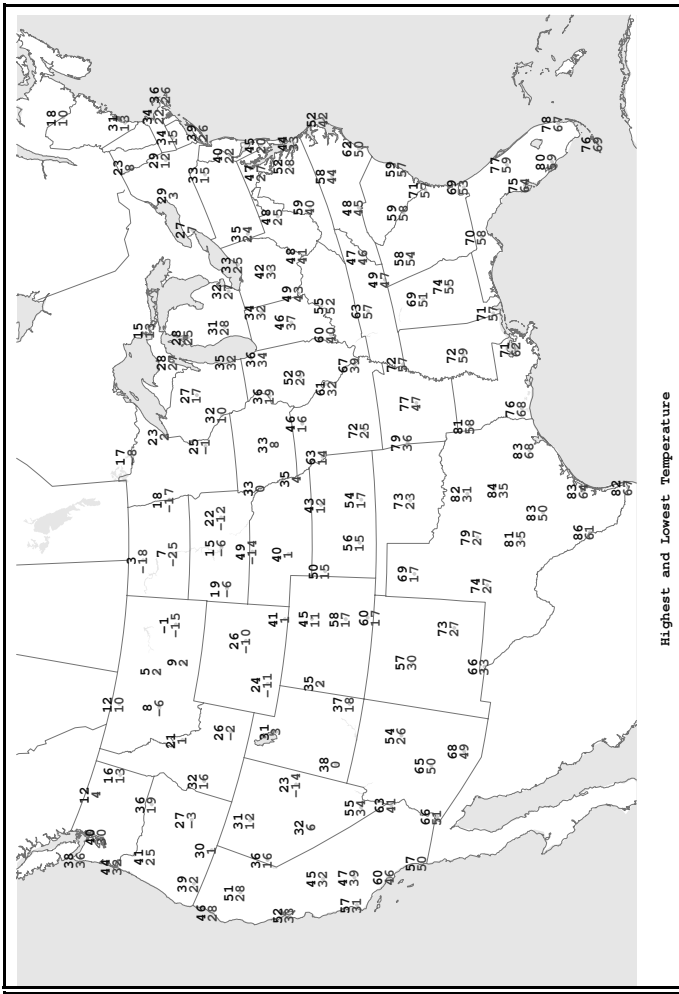
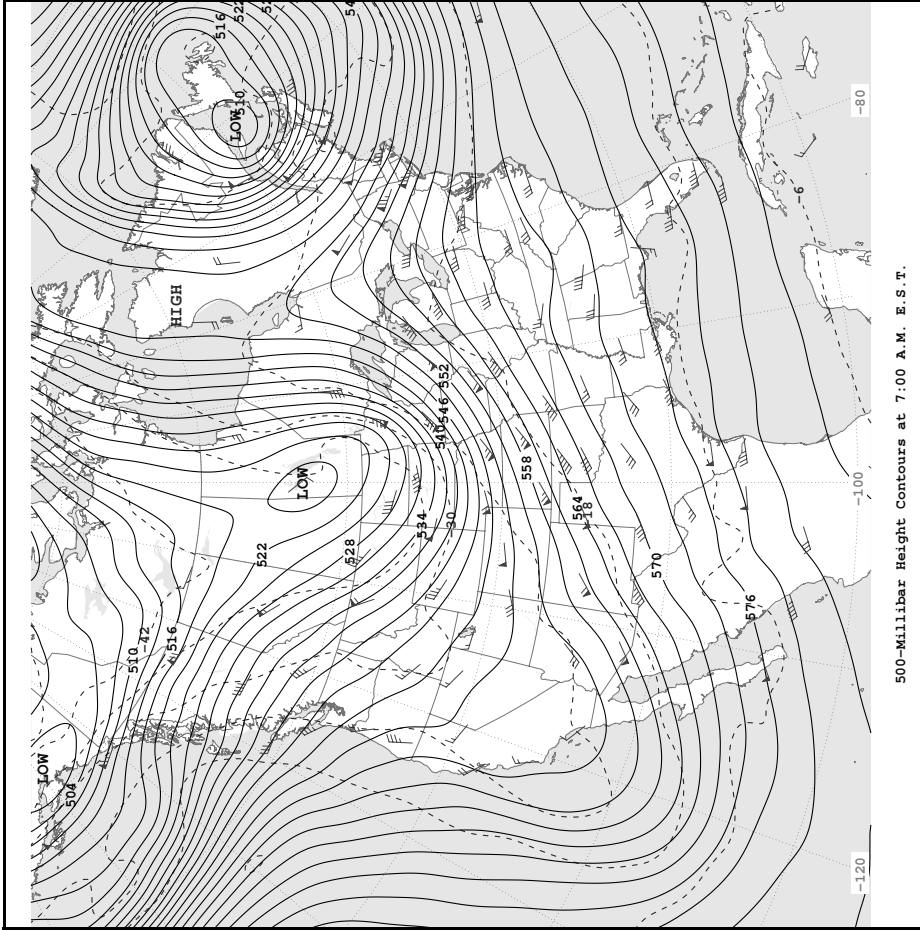
Sky Cover: **RR**

Examples: 989 = 998.9mb, 012 = 1001.2mb

SATURDAY, JANUARY 3, 2009



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: **F**

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

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

Visibility (in miles): **V**

Present Weather Symbol: **WW**

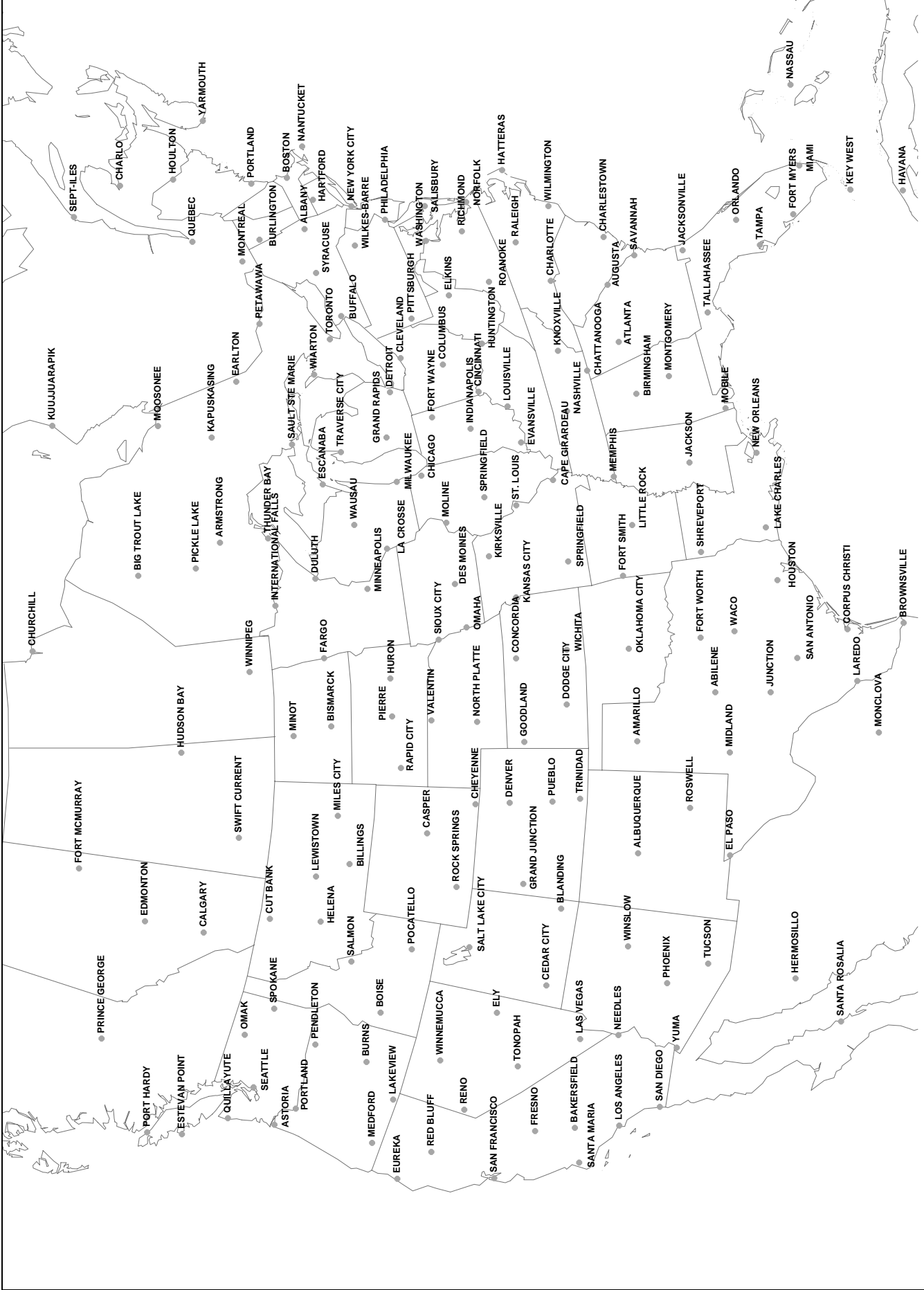
Dew Point Temperature: **TD**

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

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

Sky Cover: **RR**

SUNDAY, JANUARY 4, 2009



Daily Weather Map Station Names and Locations