



Daily Weather Maps

JANUARY 17, 2005 - JANUARY 23, 2005

Week 3

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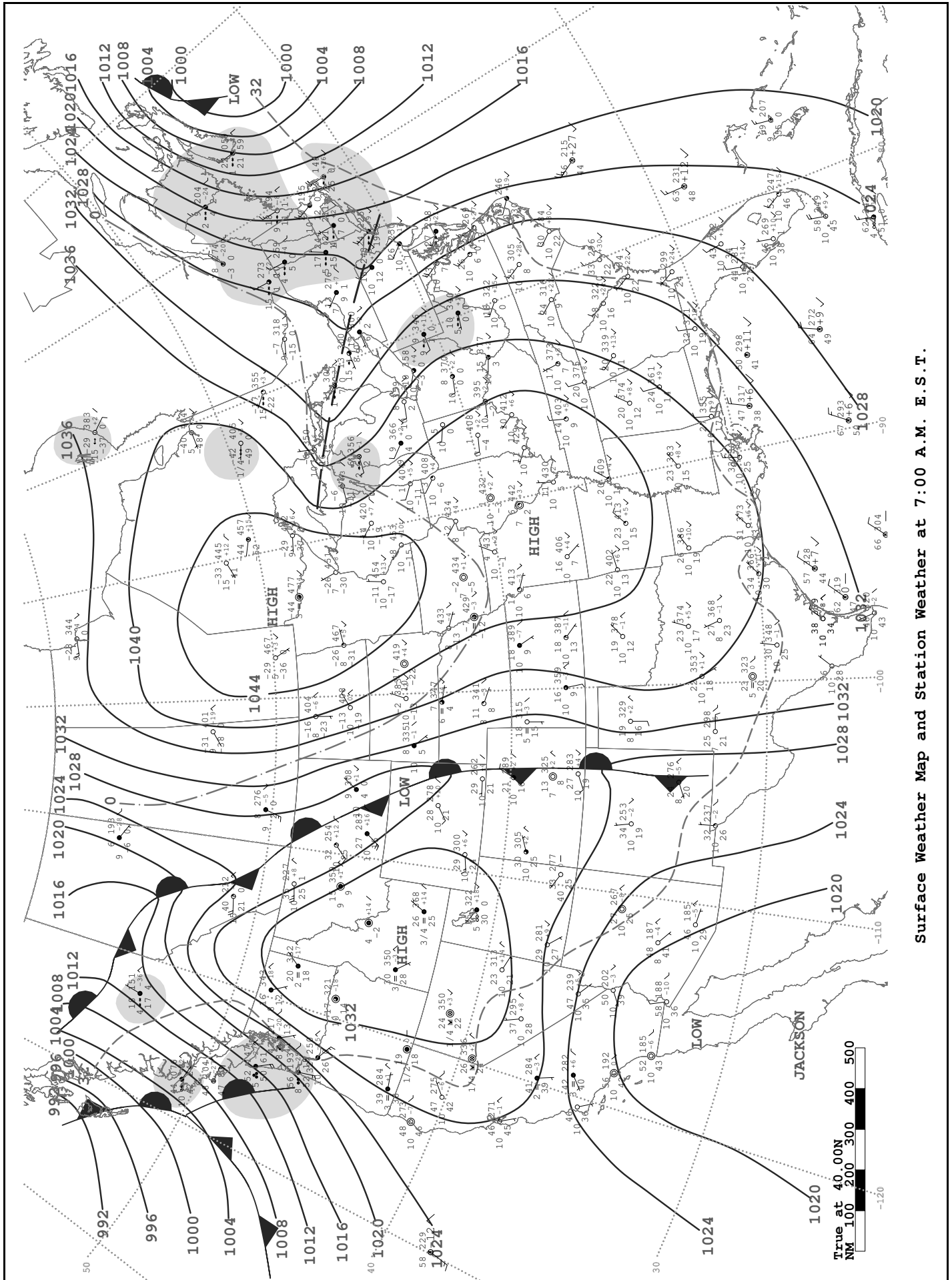
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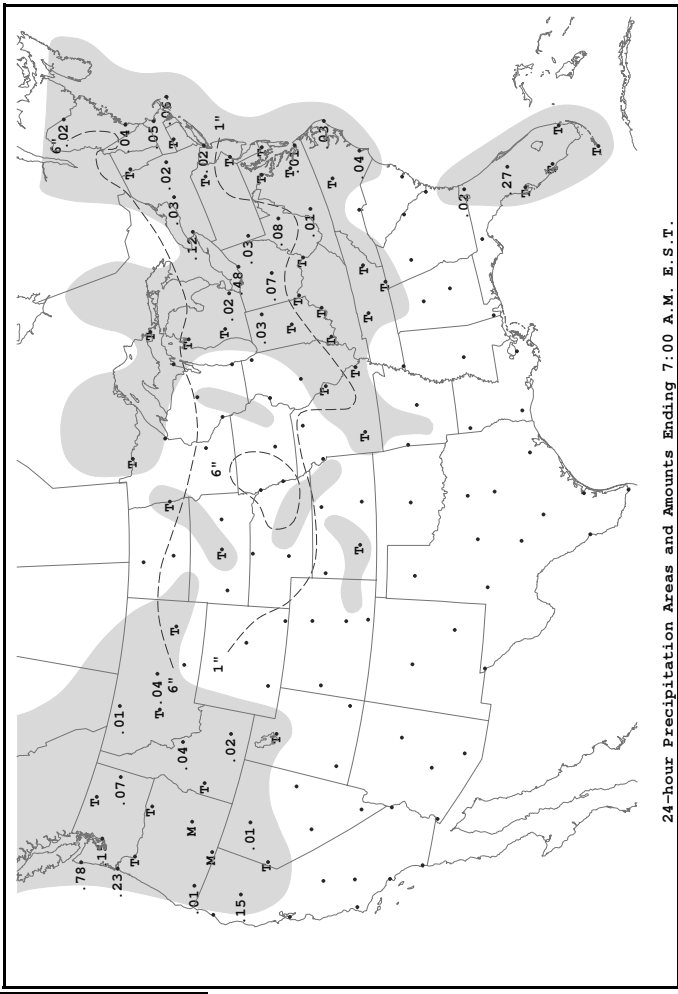
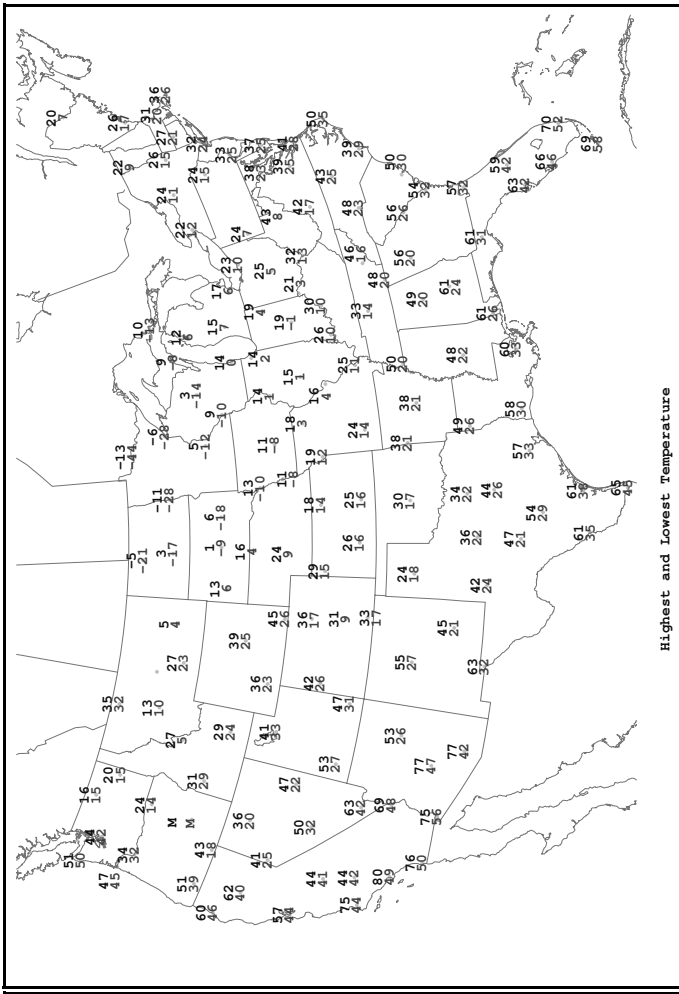
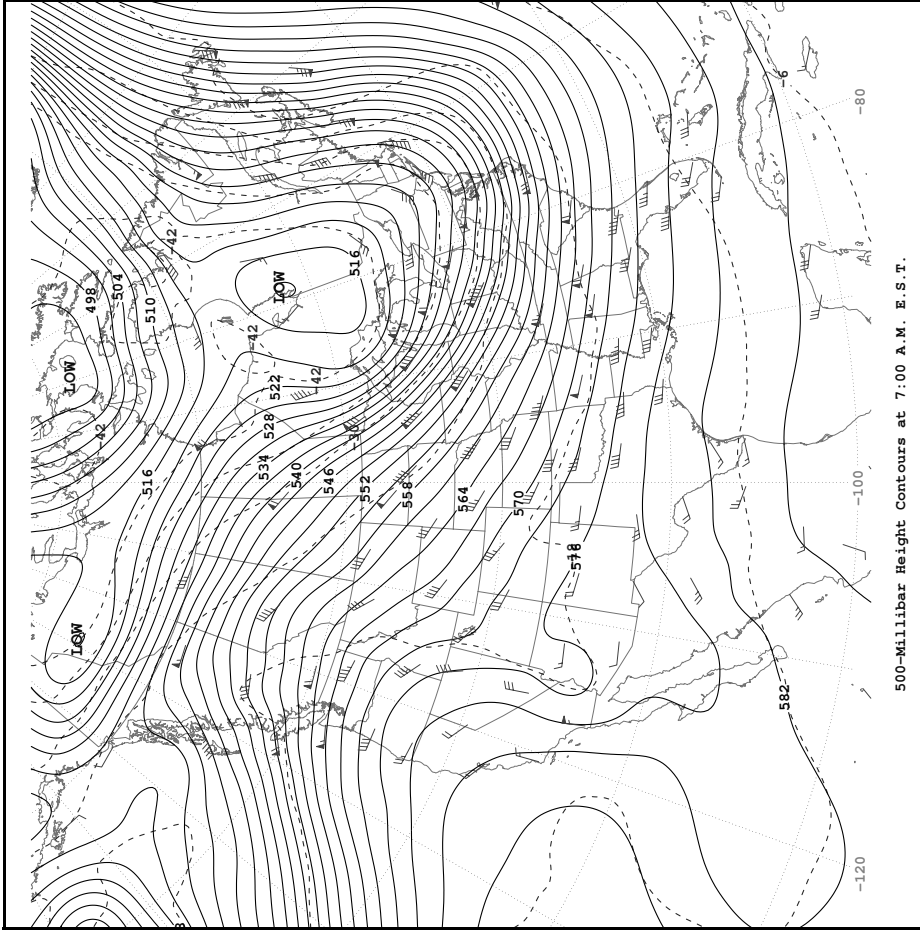
Correspondence to the meteorologists should be directed to: ***Daily Weather Map*, NOAA/National Weather Service, Room 410, 5200 Auth Rd, Camp Springs, MD 20746.**

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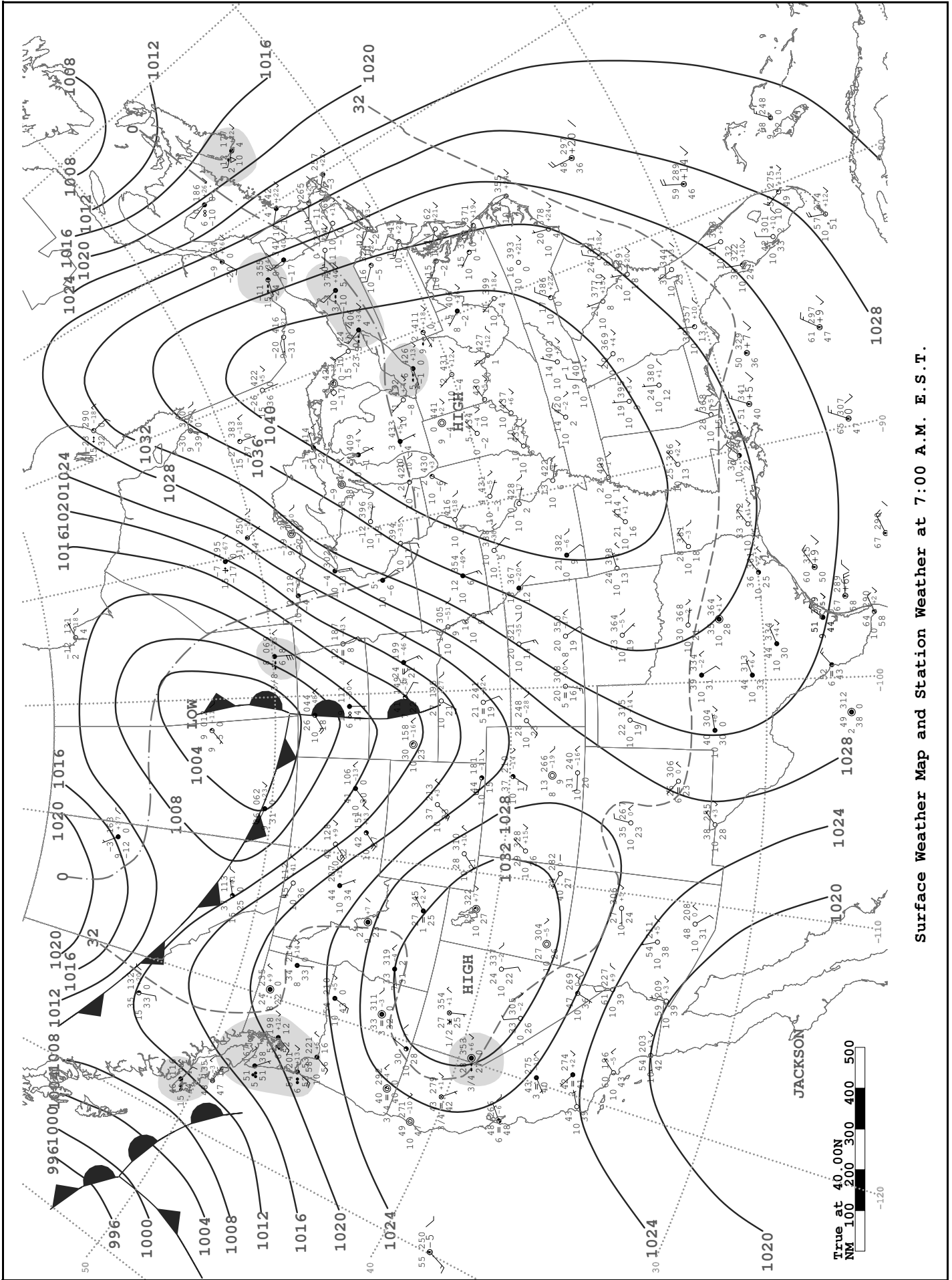
Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.

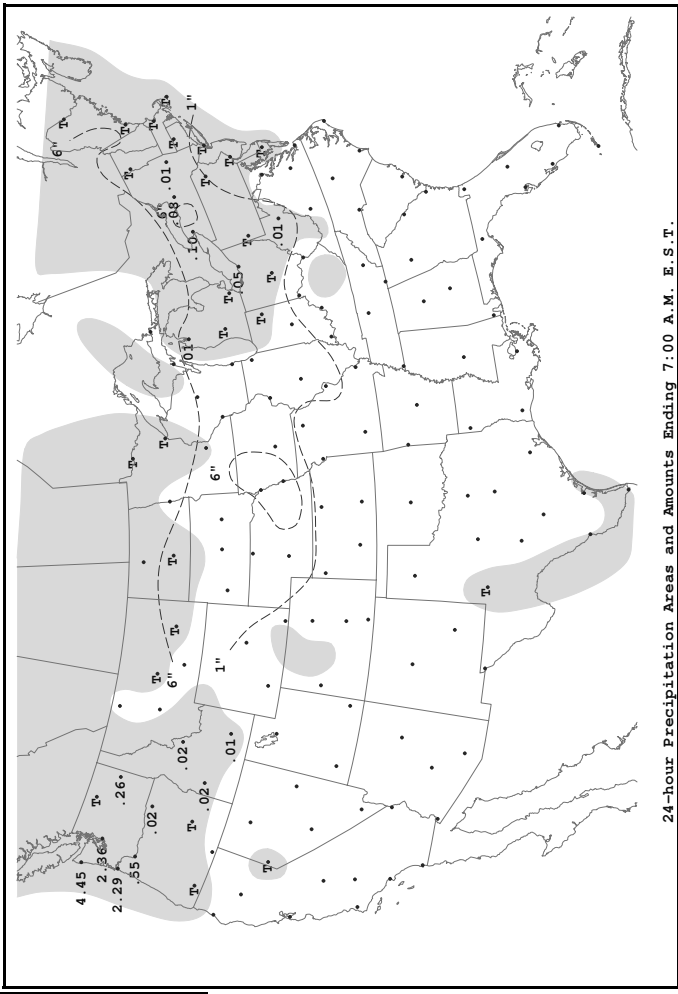
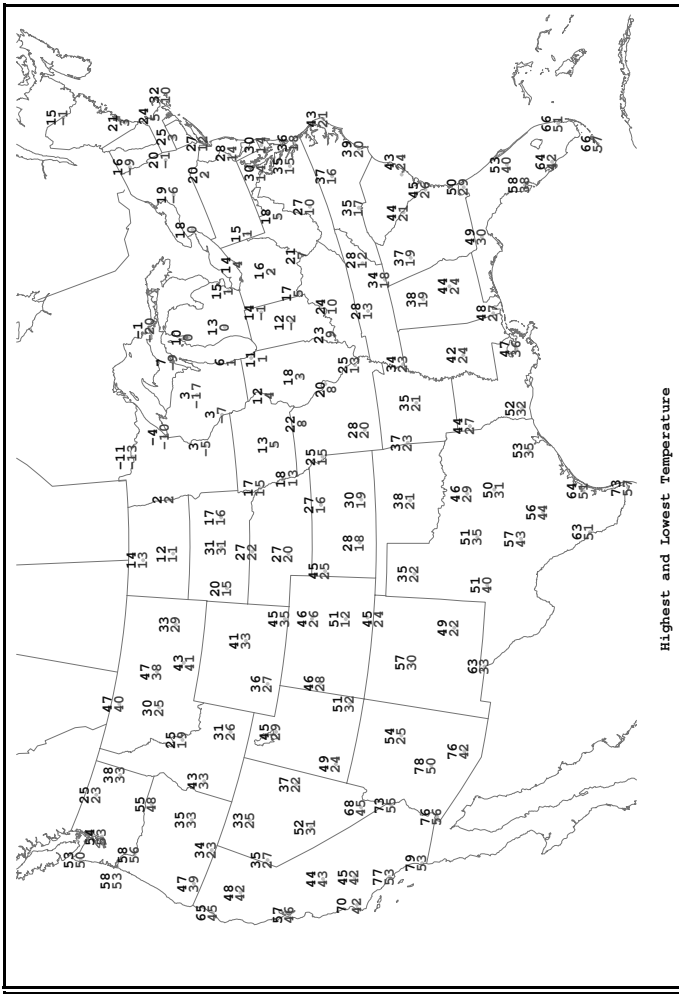
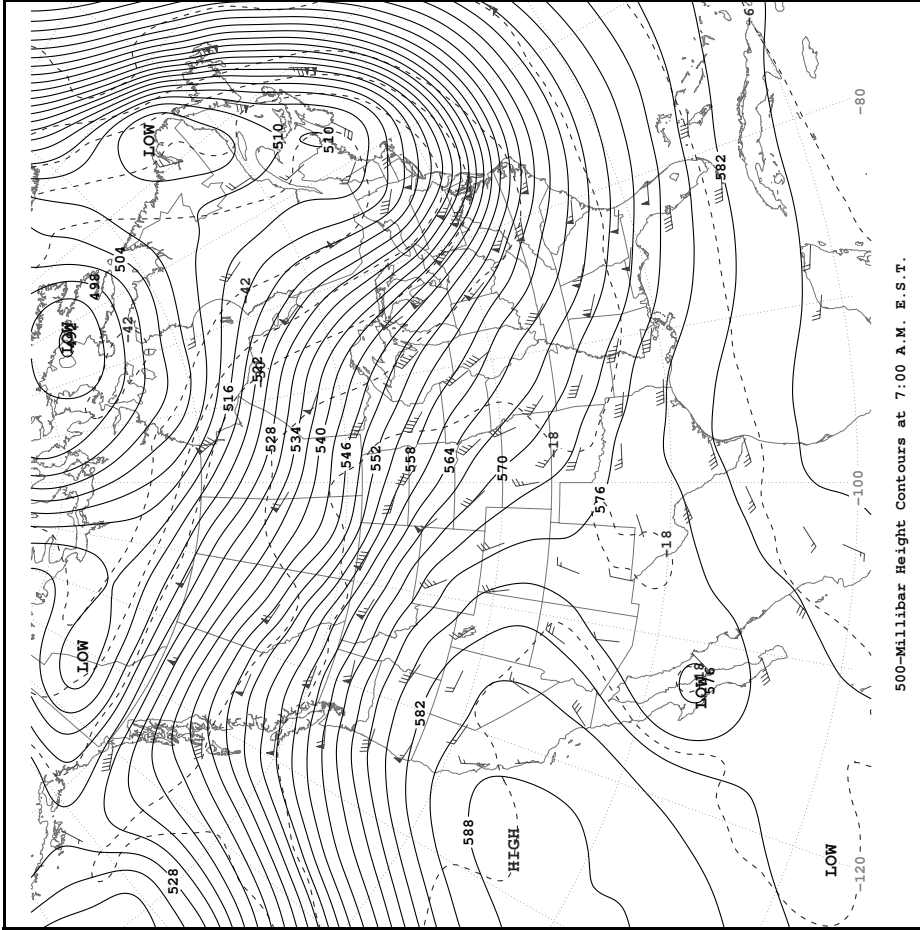


Wind Direction — **W** — **Wind Speed**
 Long Feather - 10 knots
 Short Feather - 5 knots
Current Temperature (in °F) — **dd** — **ft**
Visibility (in miles) — **V** — **3-Digit Surface Pressure (in tenths)** Ex: 989 = 998.9mb, 012 = 1001.2mb
Present Weather Symbol — **TT** — **PPP** — **3 Hour Pressure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

Station Model

MONDAY, JANUARY 17, 2005





Station Model

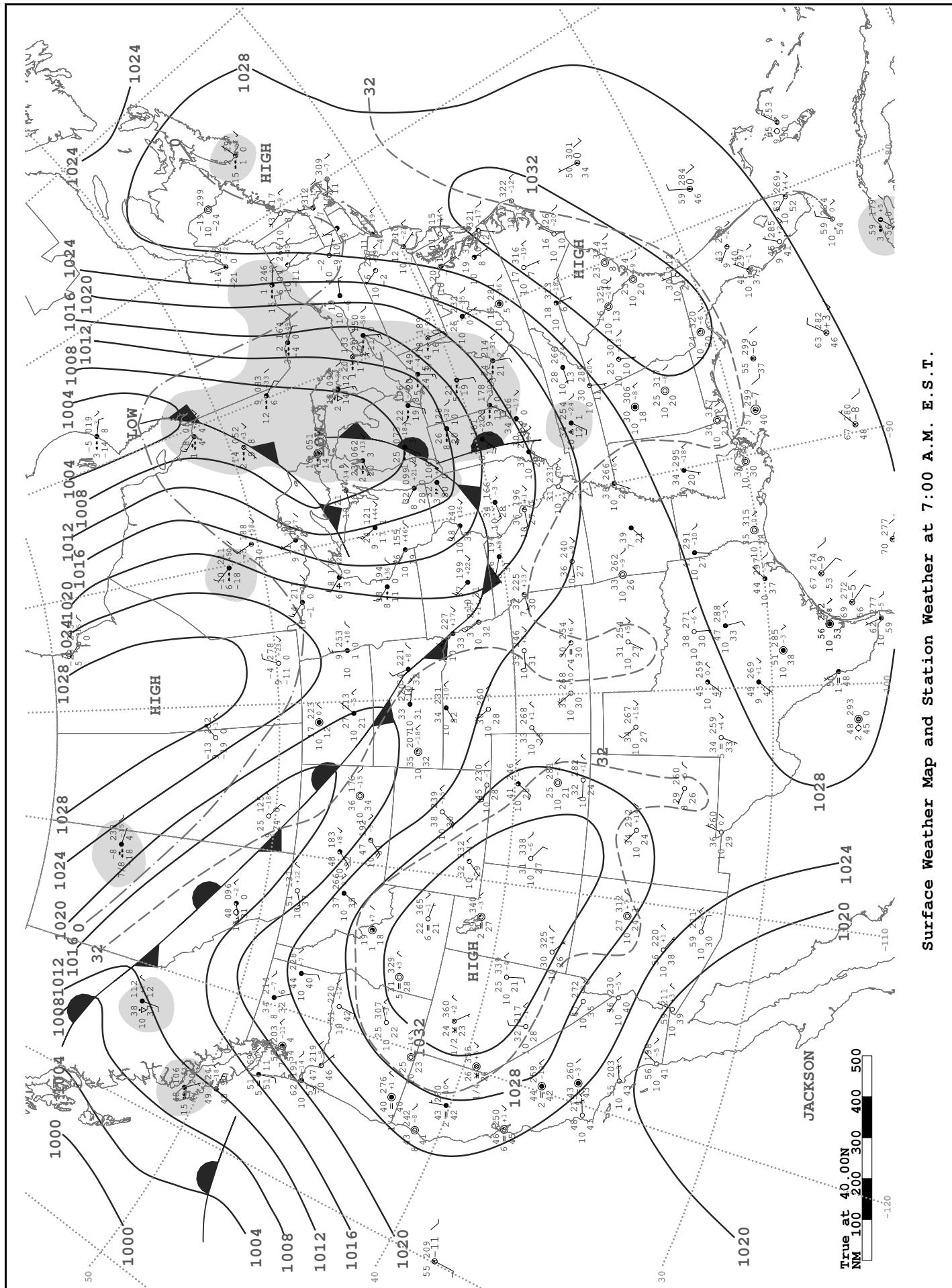
Wind Direction: Wind Speed: Long Feather - 10 knots, Short Feather - 5 knots

Current Temperature (in °F): ft

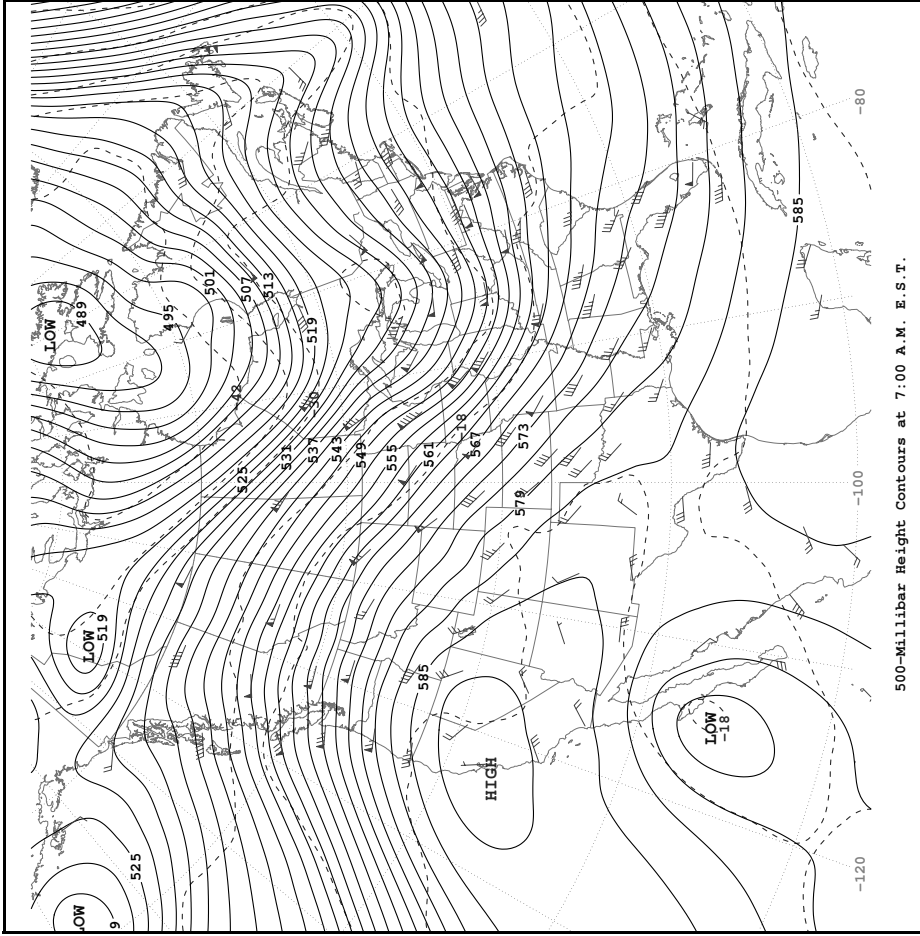
Visibility (in miles): 3-Digit Surface Pressure (in tenths): Ex: 989 = 998.9mb, 012 = 1001.2mb

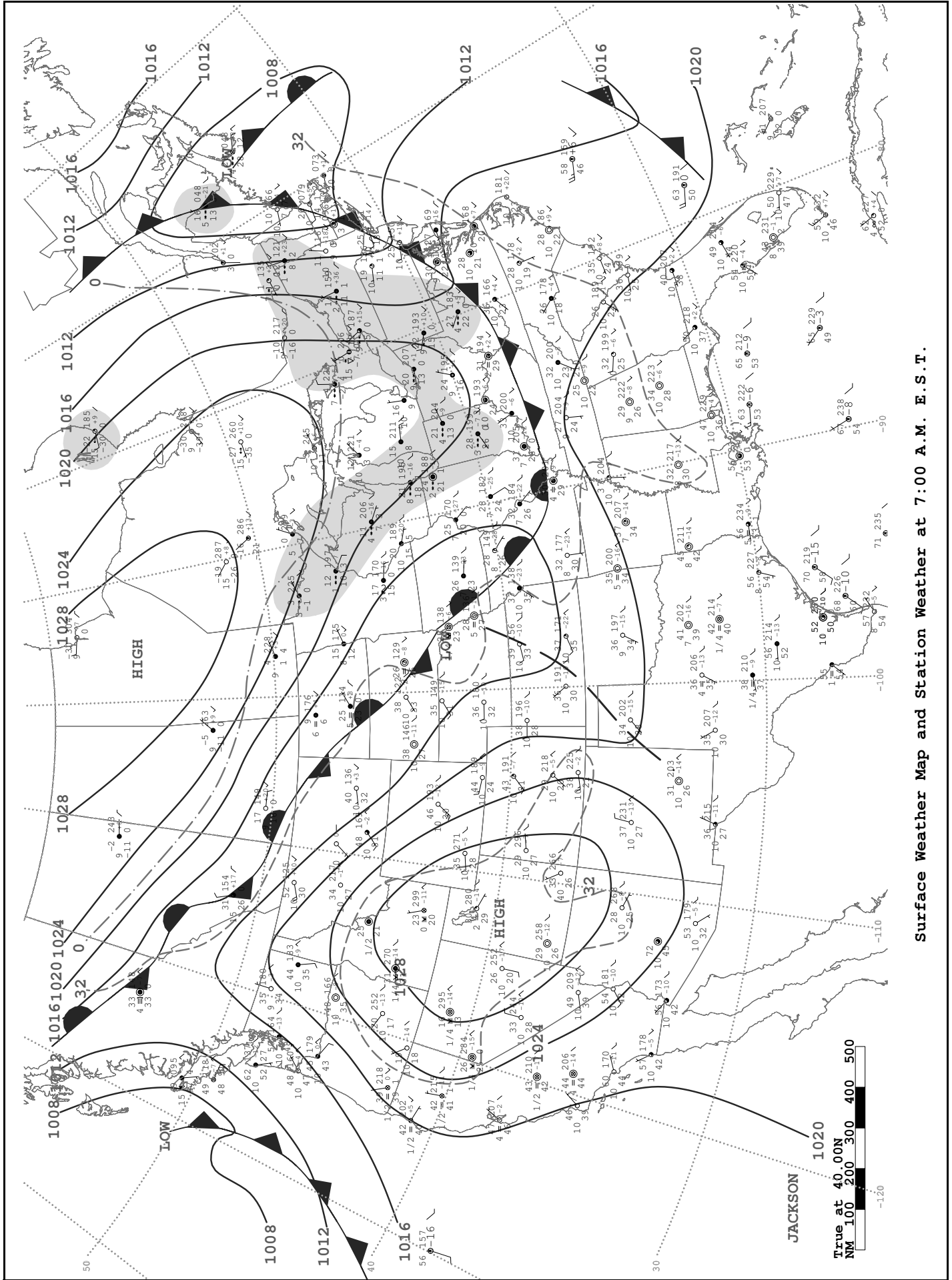
Present Weather Symbol: 3 Hour Pressure Tendency (in tenths): 6 Hour Total Precipitation (in hundredths of an inch): Sky Cover:

TUESDAY, JANUARY 18, 2005

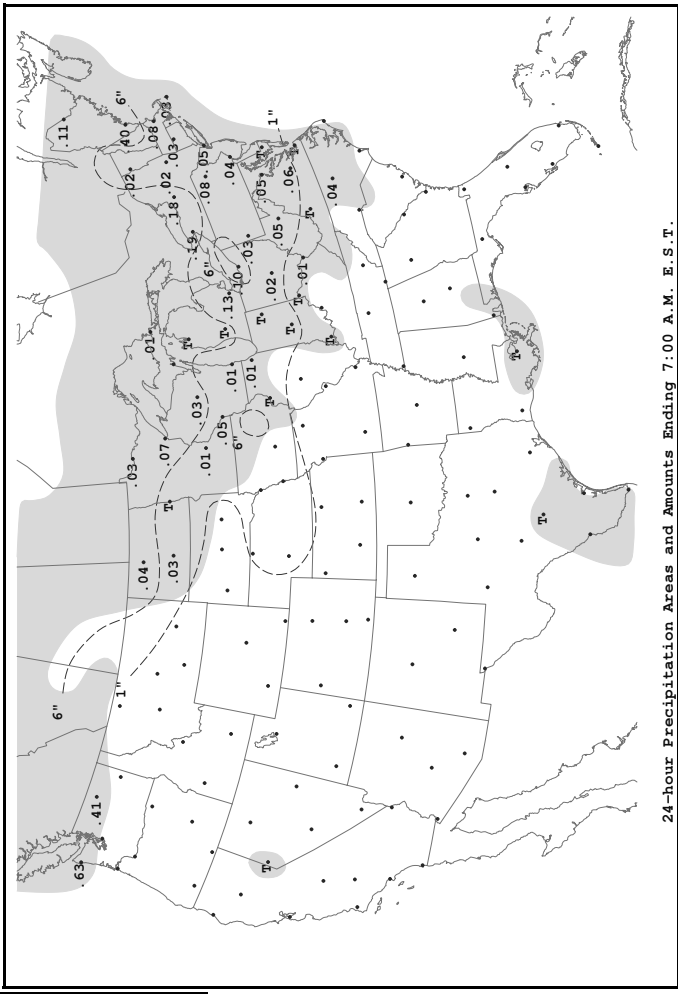
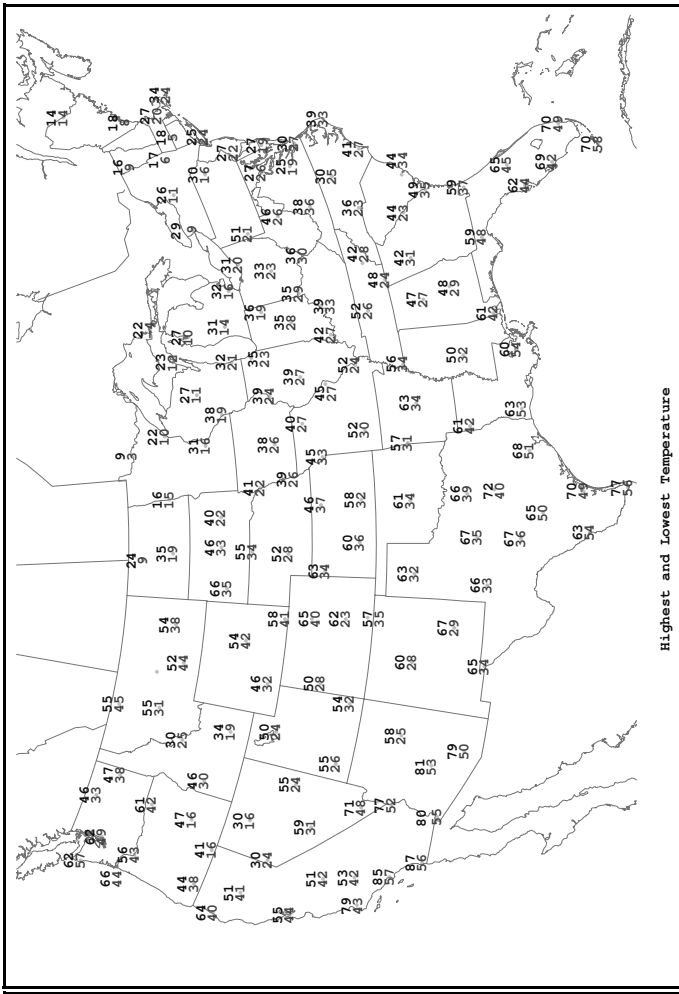
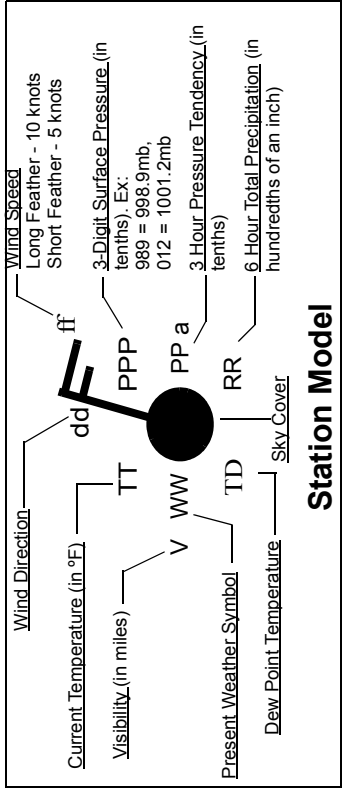
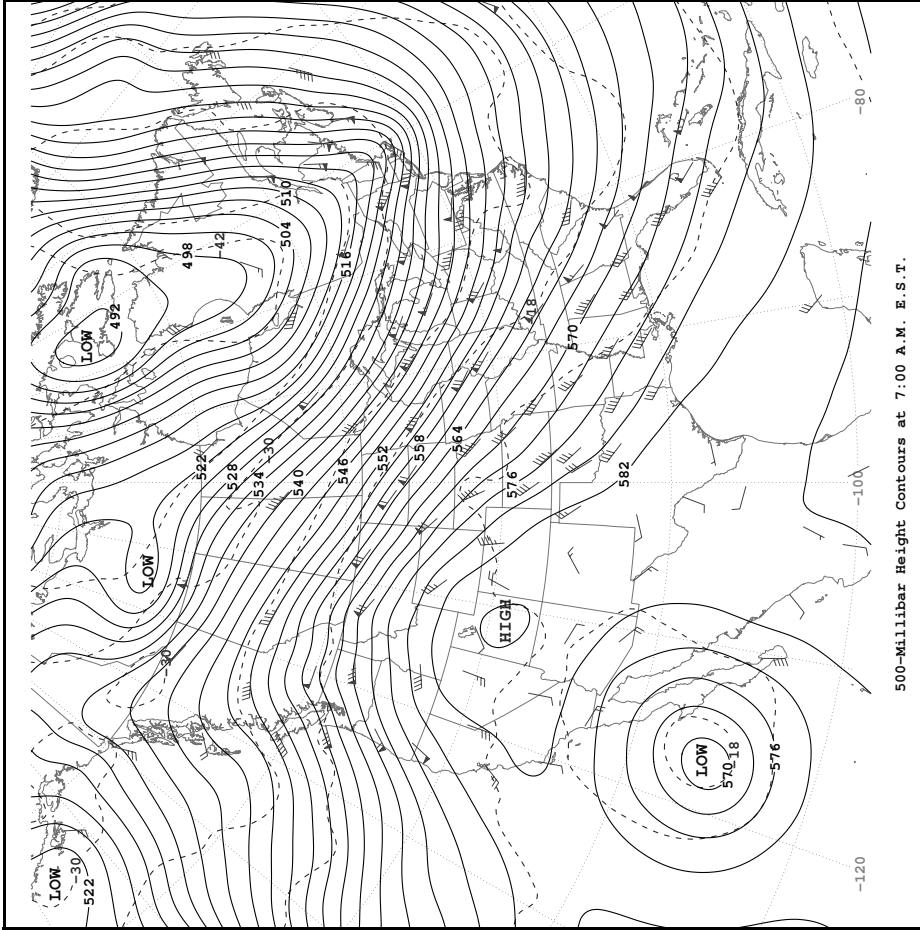


Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.

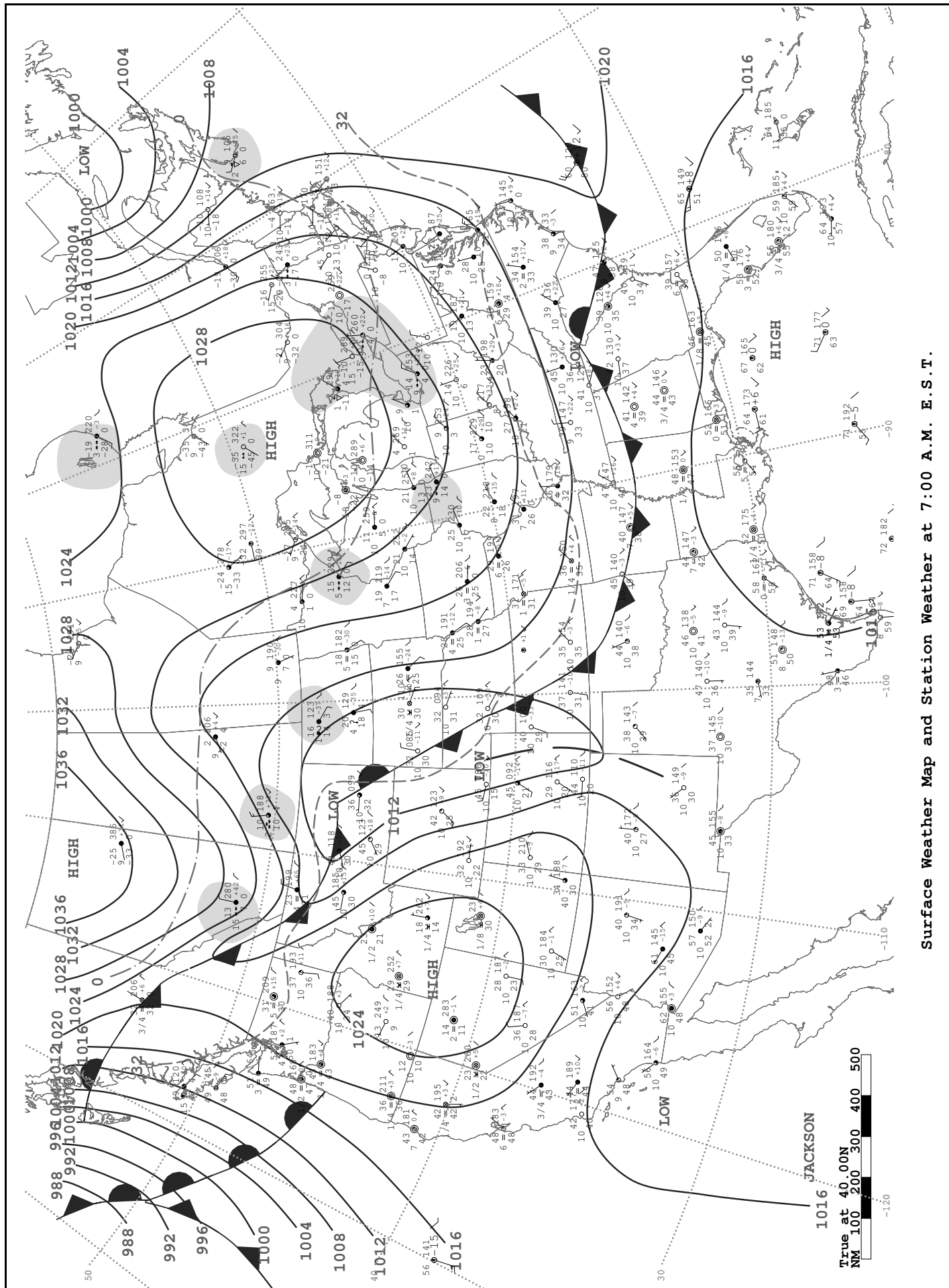




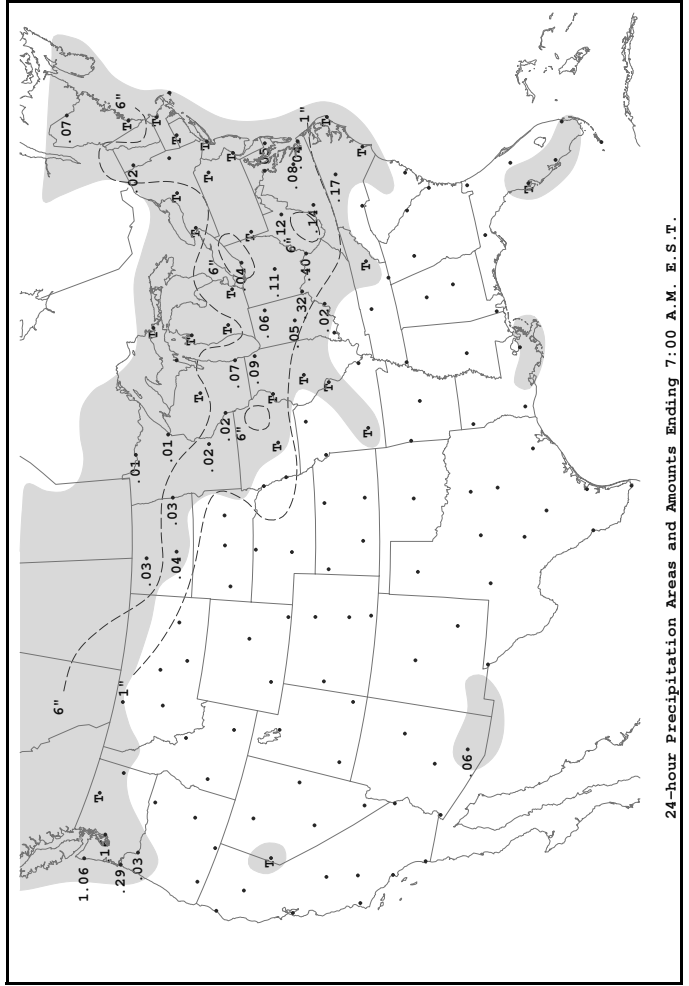
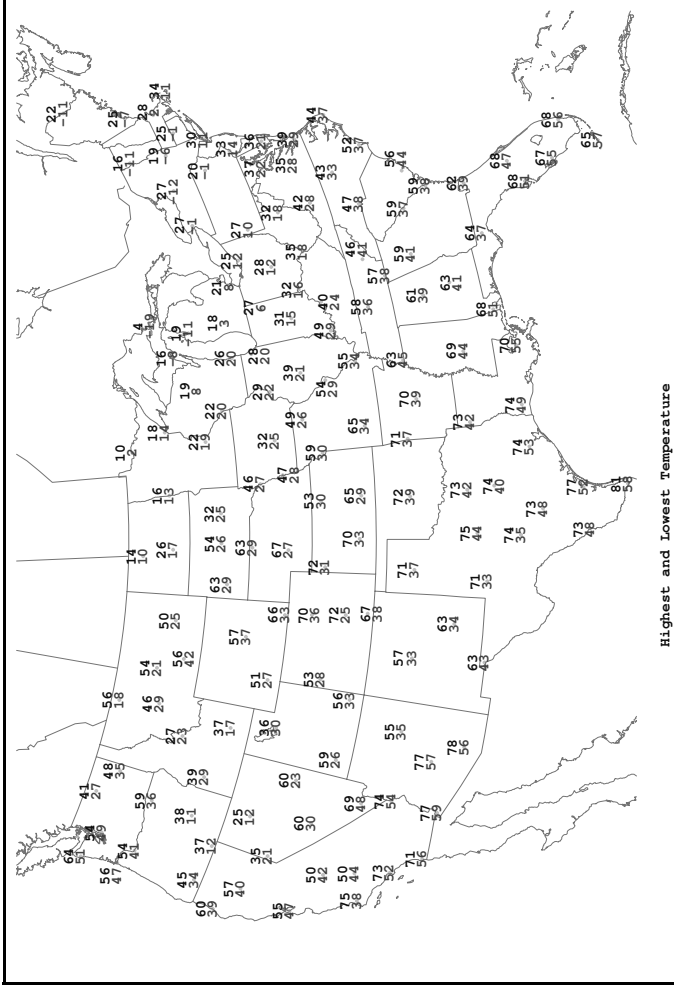
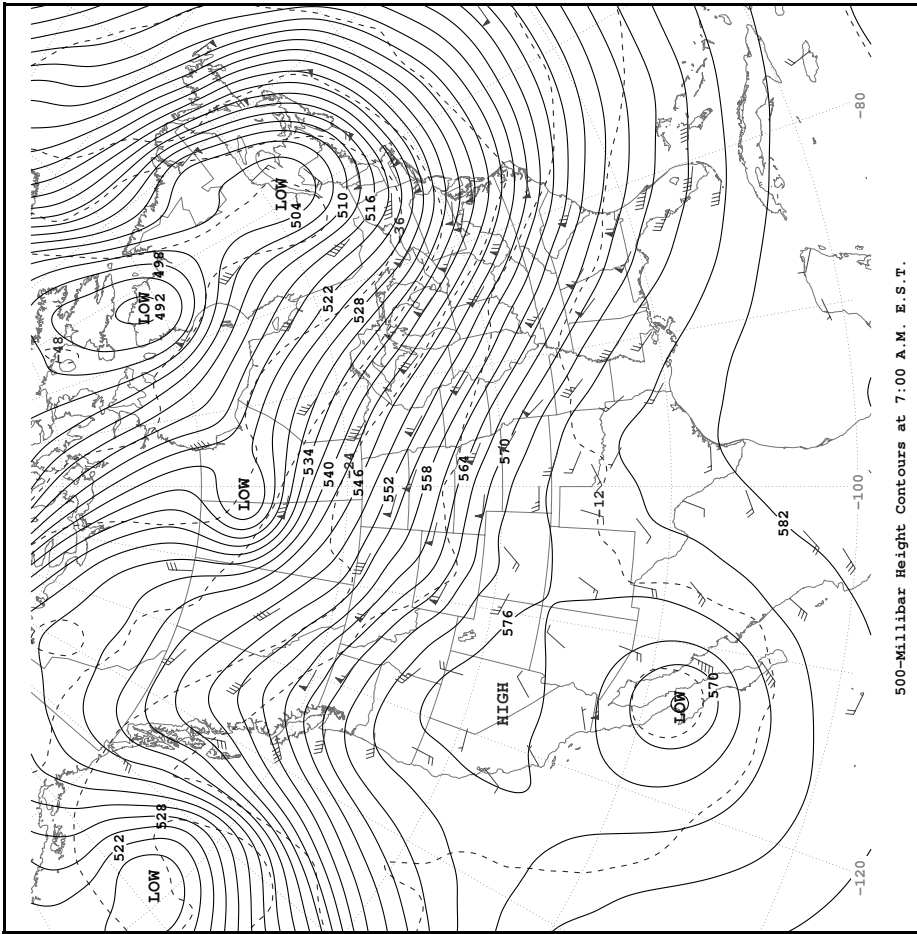
Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.



THURSDAY, JANUARY 20, 2005



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

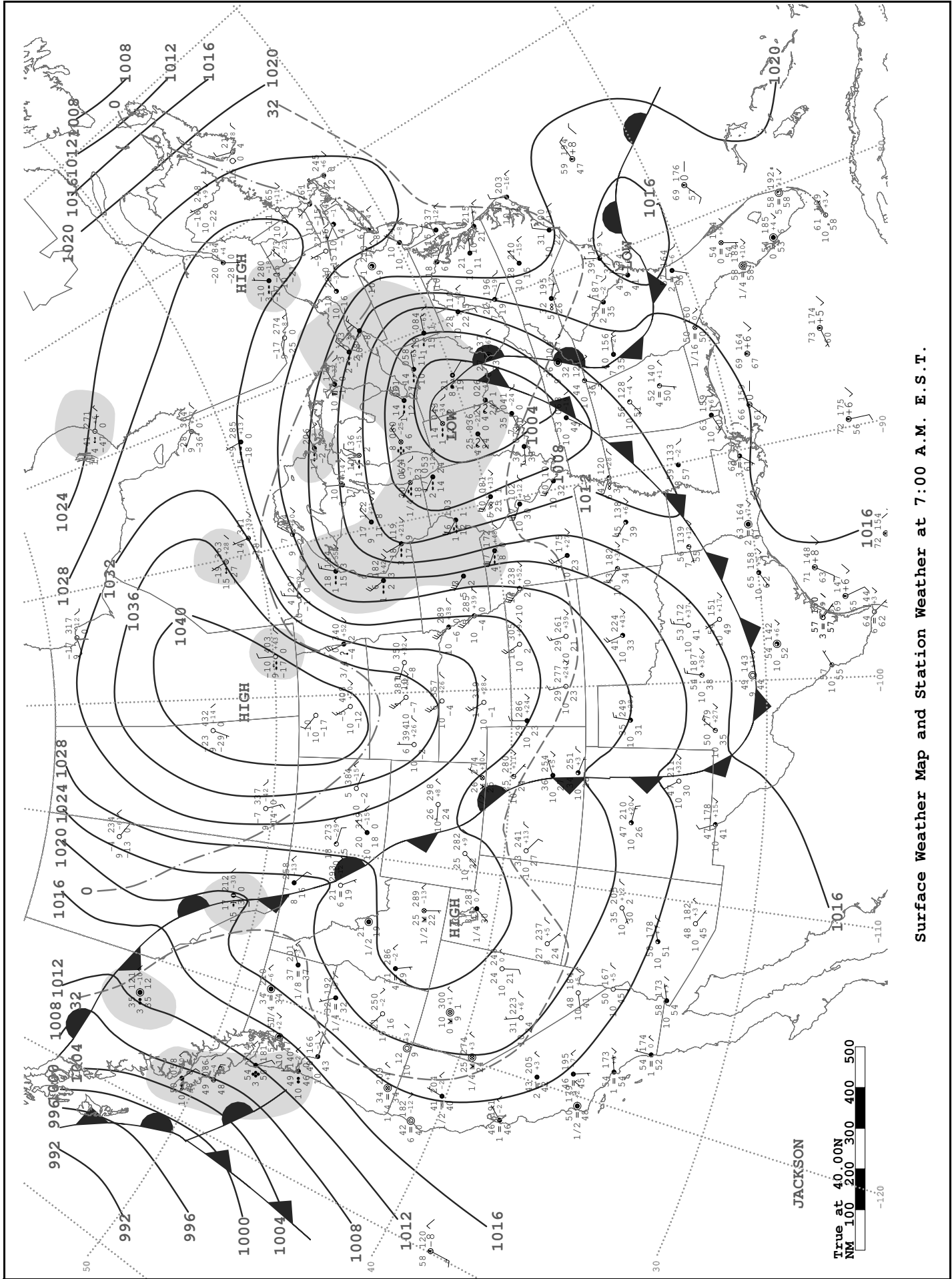


Station Model

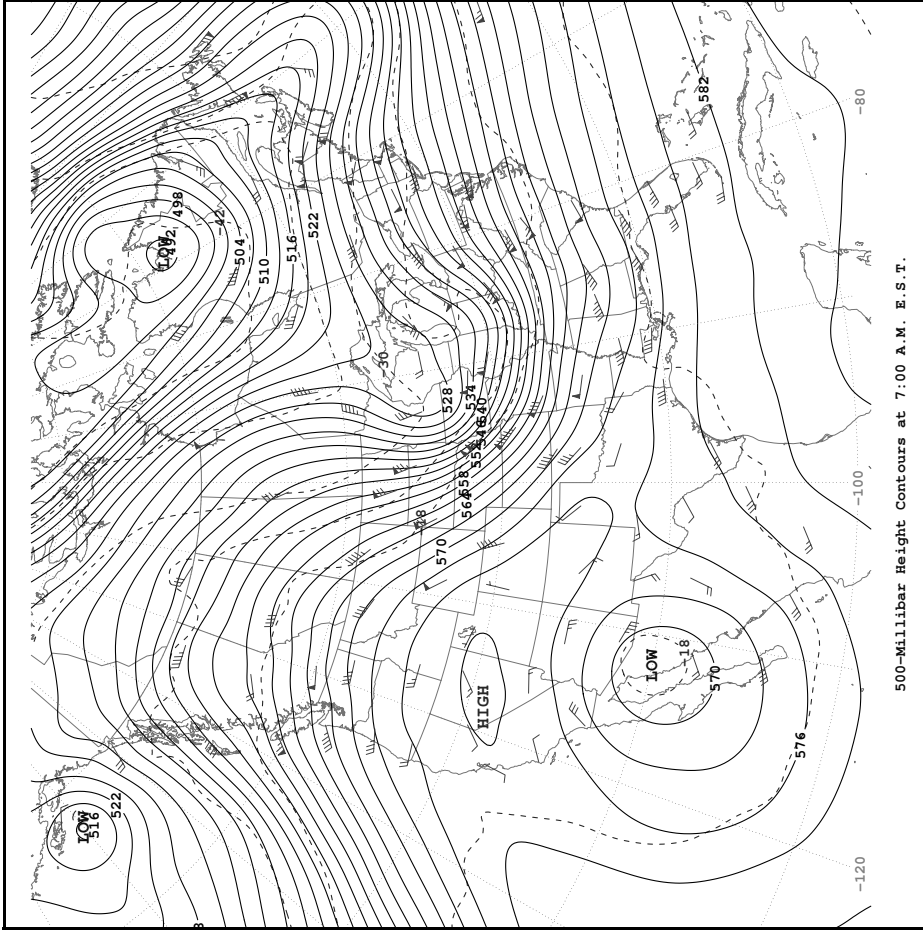
The station model diagram includes the following components and their corresponding data fields:

- Wind Direction:** Indicated by a long feather.
- Wind Speed:** Indicated by a short feather.
- Current Temperature (in °F):** Represented by 'dd'.
- Visiblity (in miles):** Represented by 'V'.
- Present Weather Symbol:** Represented by 'TT'.
- Dew Point Temperature:** Represented by 'TT'.
- 3-Digit Surface Pressure (in tenths):** Represented by 'PPP'.
- 3 Hour Pressure Tendency (in tenths):** Represented by 'PP a'.
- 6 Hour Total Precipitation (in hundredths of an inch):** Represented by 'RR'.
- Sky Cover:** Represented by a circle.

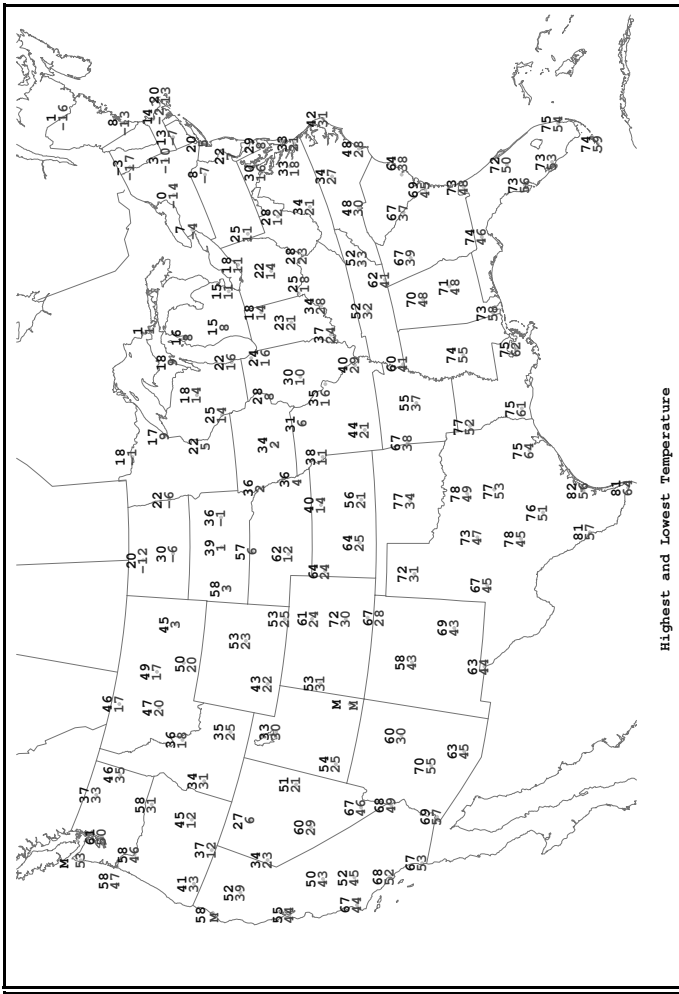
FRIDAY, JANUARY 21, 2005



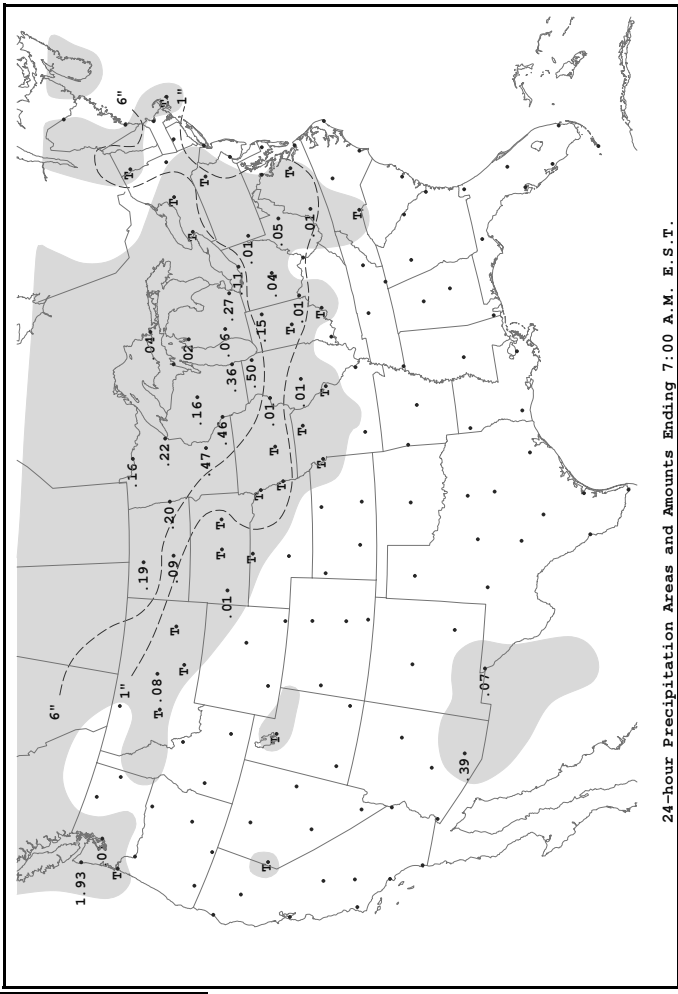
Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.



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

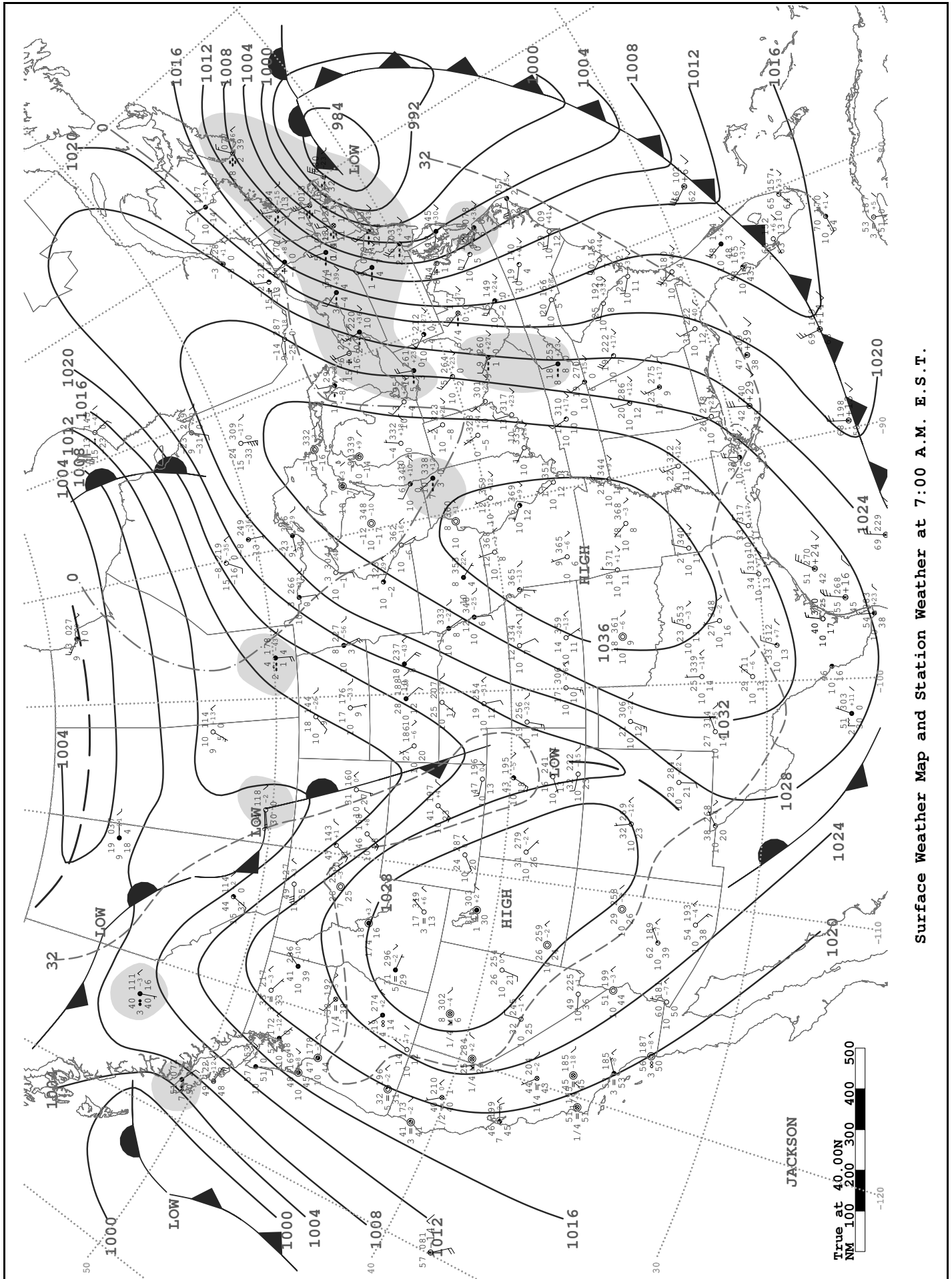
Wind Direction: Wind Speed: Long Feather - 10 knots, Short Feather - 5 knots

Current Temperature (in °F): ft

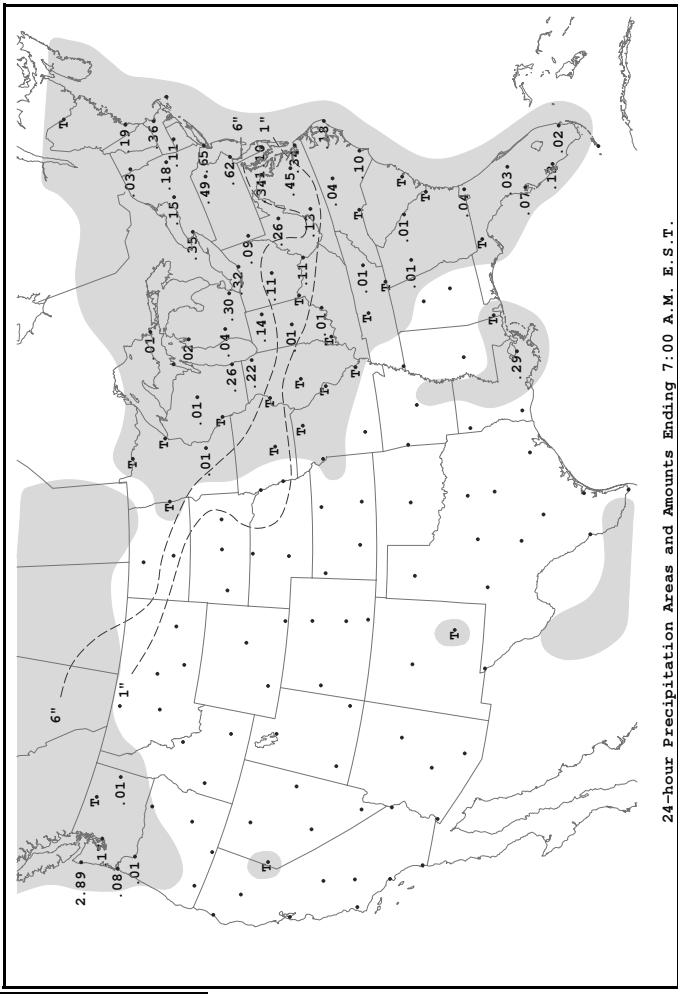
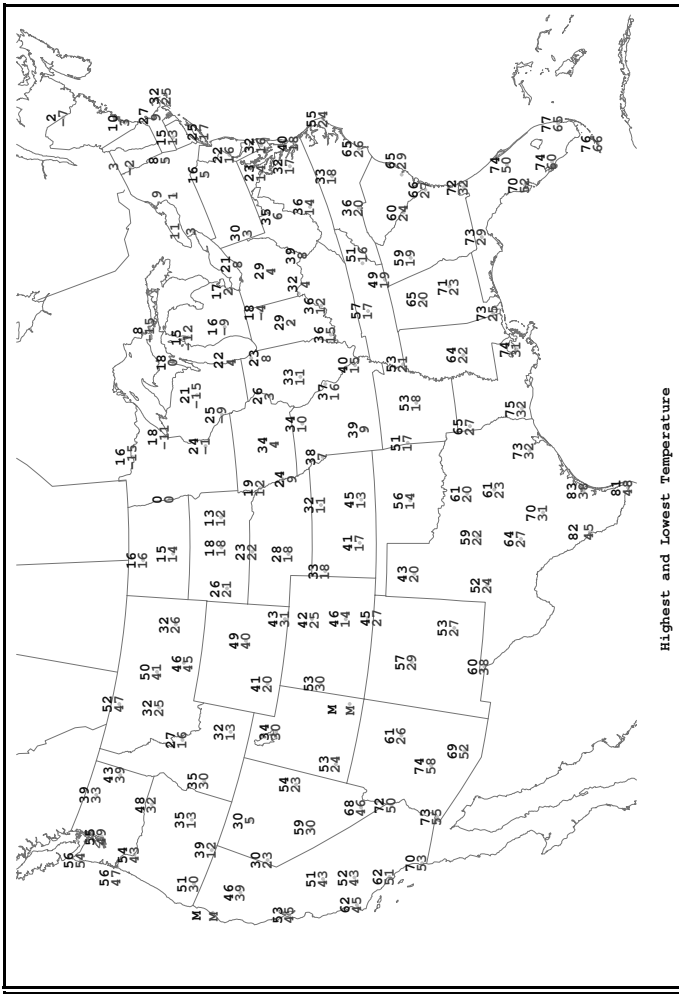
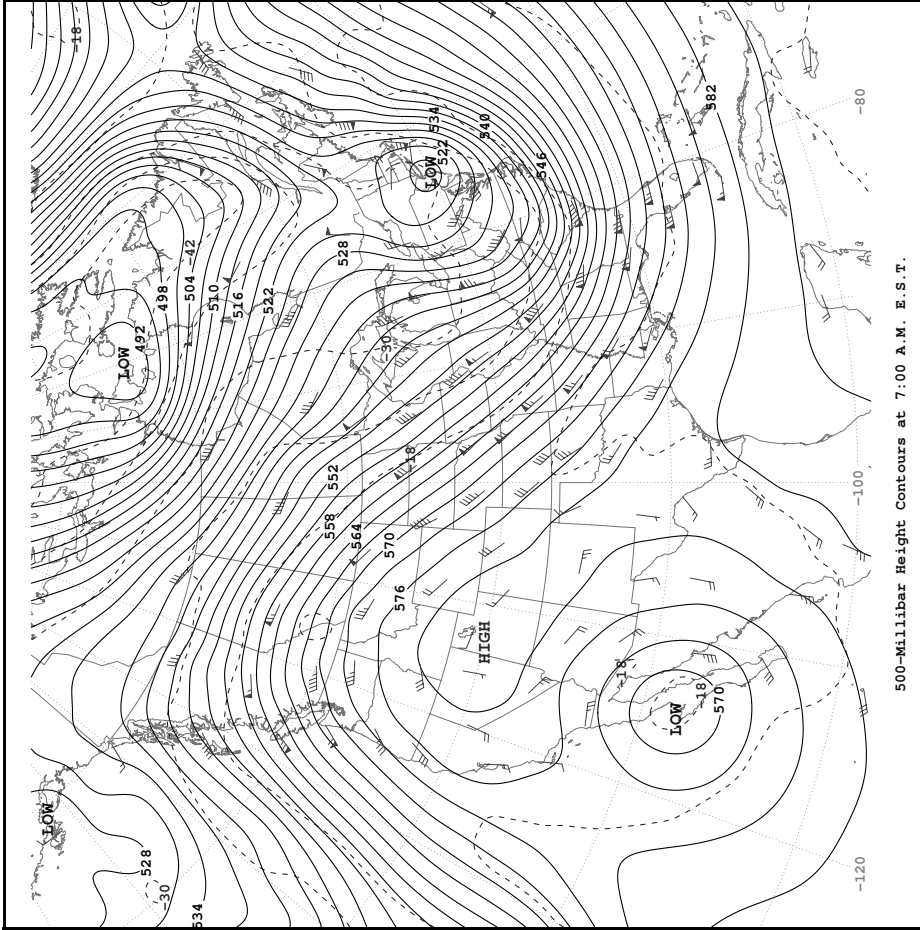
Visibility (in miles): 3-Digit Surface Pressure (in tenths): Ex: 989 = 998.9mb, 012 = 1001.2mb

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

SATURDAY, JANUARY 22, 2005



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)

Wind Speed: **F** (Long Feather - 10 knots, Short Feather - 5 knots)

Current Temperature (in °F): **dd**

Visiblity (in miles): **V**

Present Weather Symbol: **PP**

Dew Point Temperature: **TT**

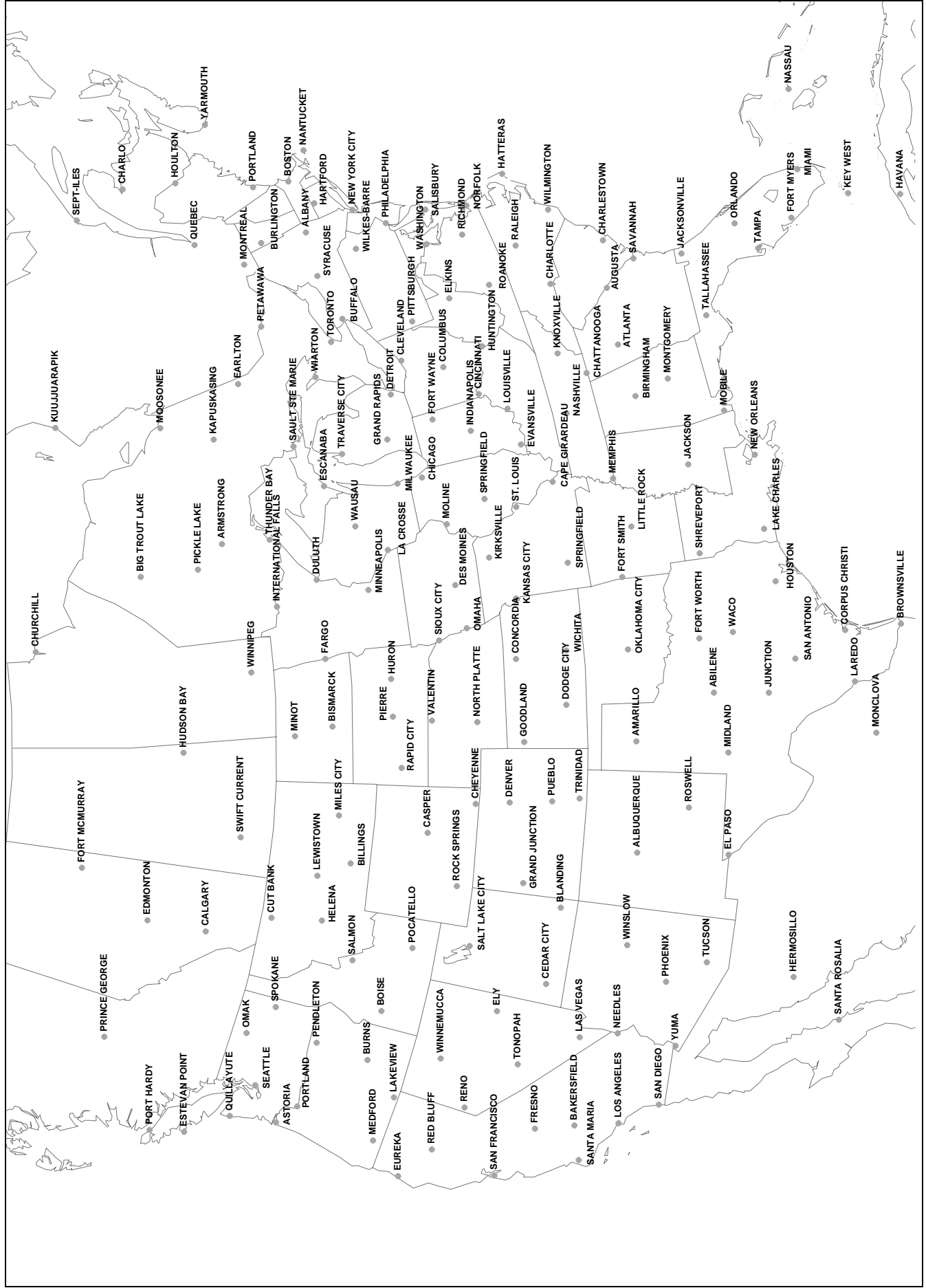
3-Digit Surface Pressure (in tenths): **PPP** (Ex: 989 = 998.9mb, 012 = 1001.2mb)

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

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

Sky Cover: **RR**

SUNDAY, JANUARY 23, 2005



Daily Weather Map Station Names and Locations