



Daily Weather Maps

MAY 5, 2003 - MAY 11, 2003

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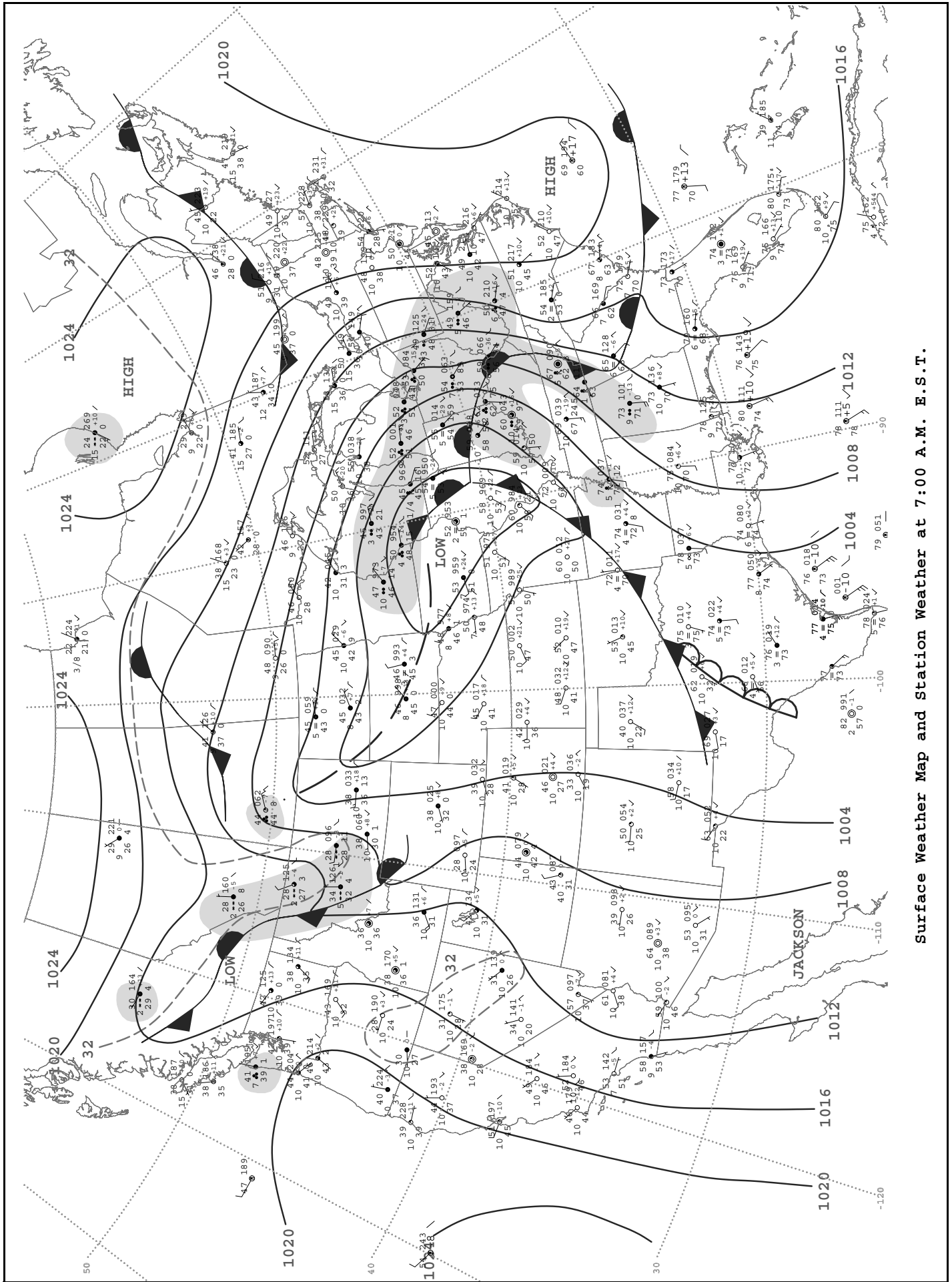
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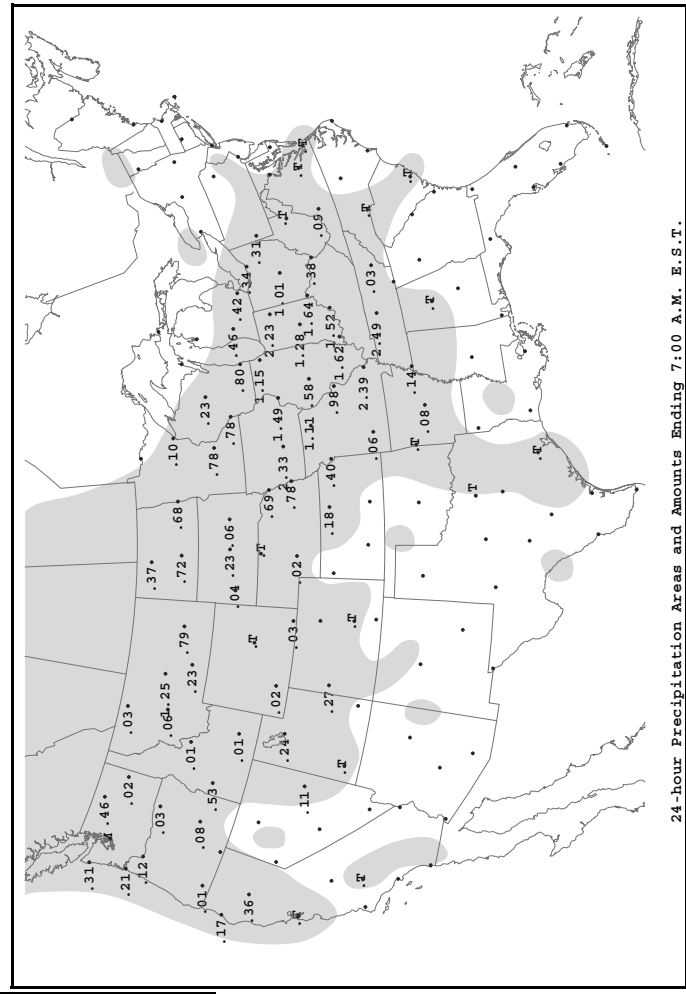
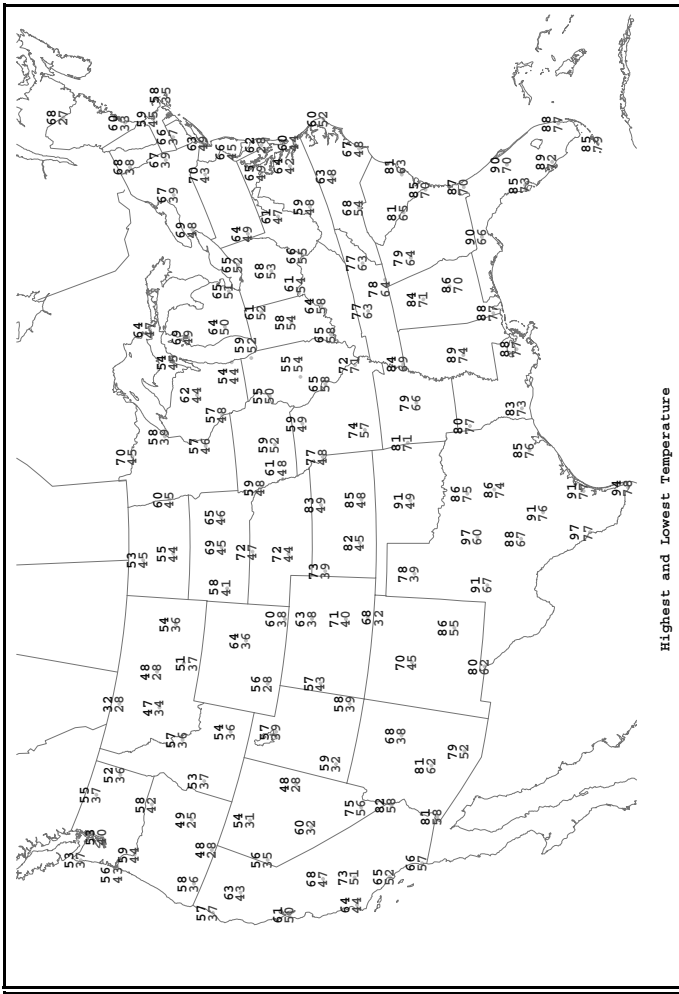
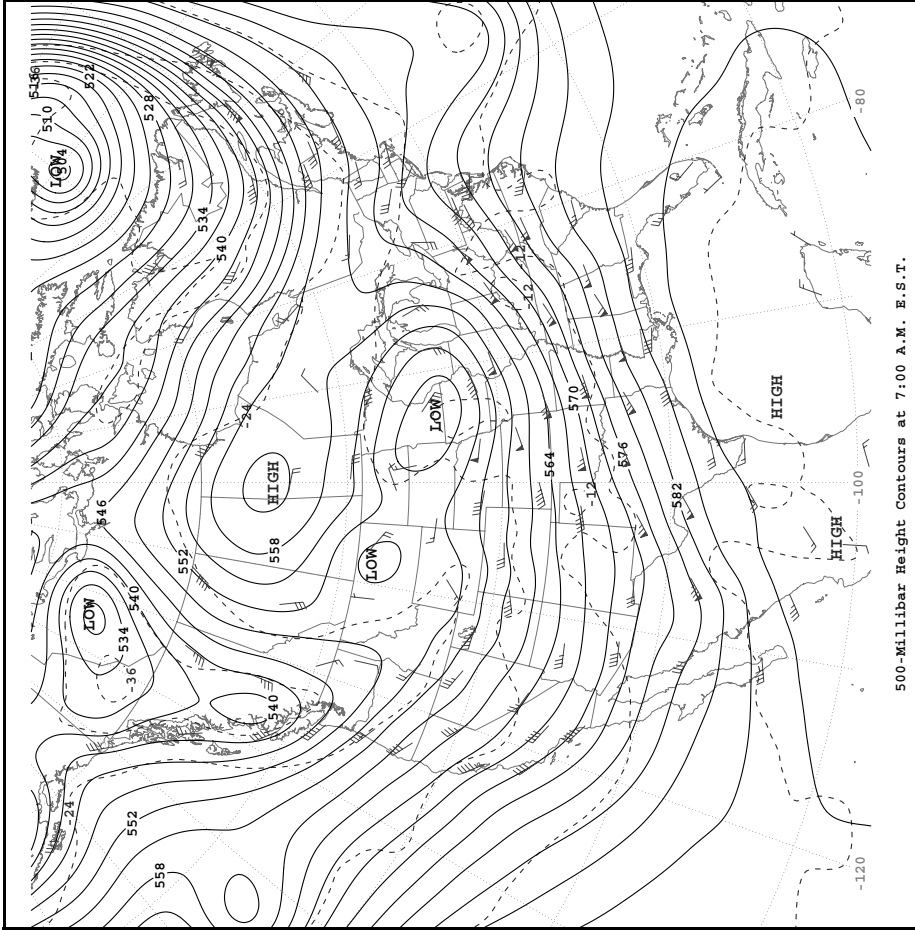
Correspondence to the meteorologists should be directed to: ***Daily Weather Map*, NOAA/National Weather Service, Room 410, 5200 Auth Rd, Camp Springs, MD 20746.**

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



Station Model

Wind Direction: **W**

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

Current Temperature (in °F): **66**

Visibility (in miles): **11**

Present Weather Symbol: **PP**

Dew Point Temperature: **54**

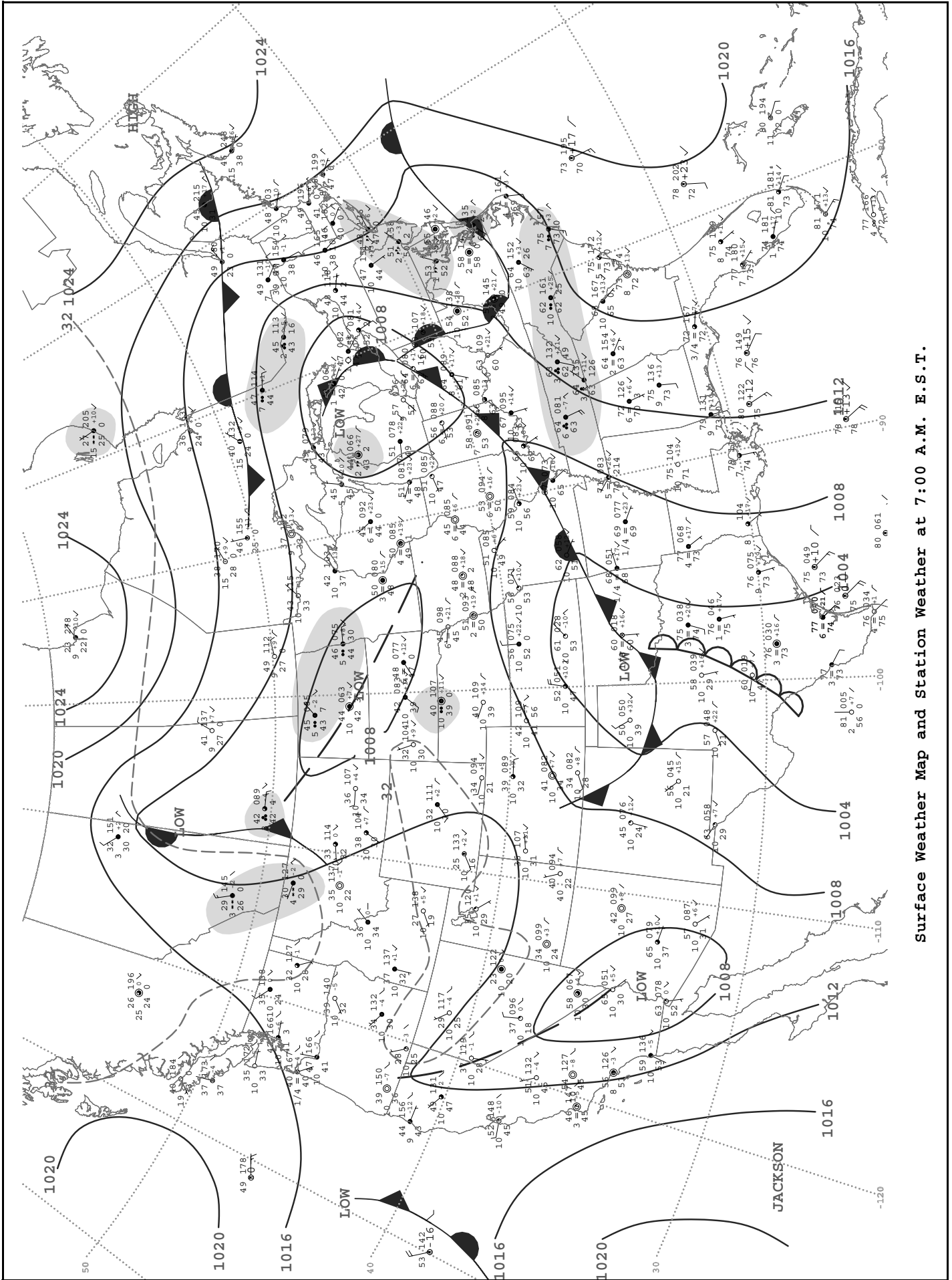
3-Digit Surface Pressure (in tenths): **1012**

3 Hour Pressure Tendency (in tenths): **02**

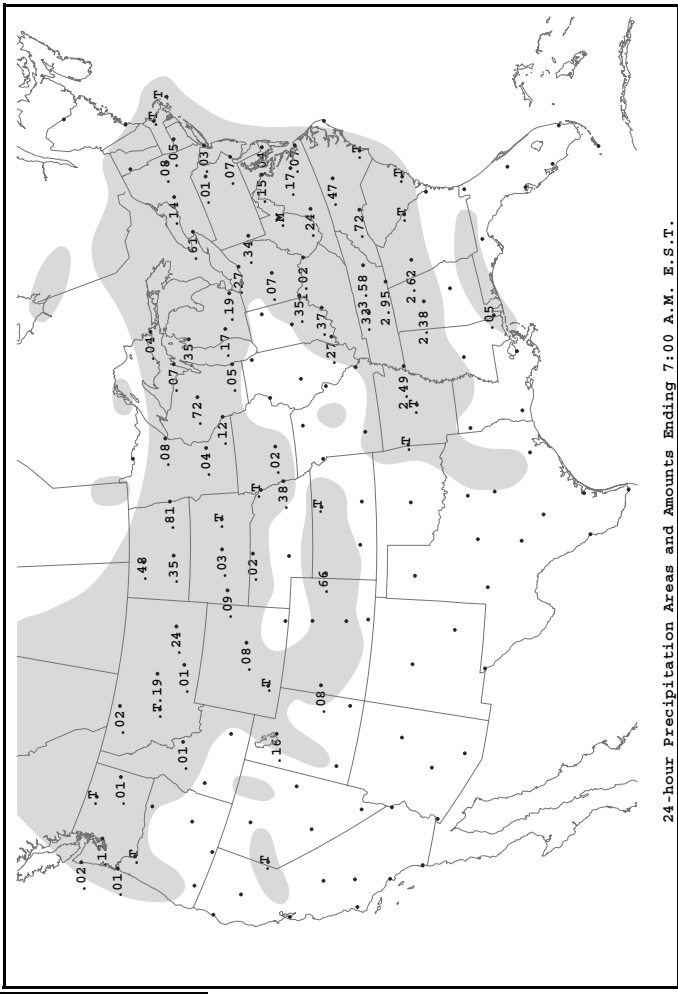
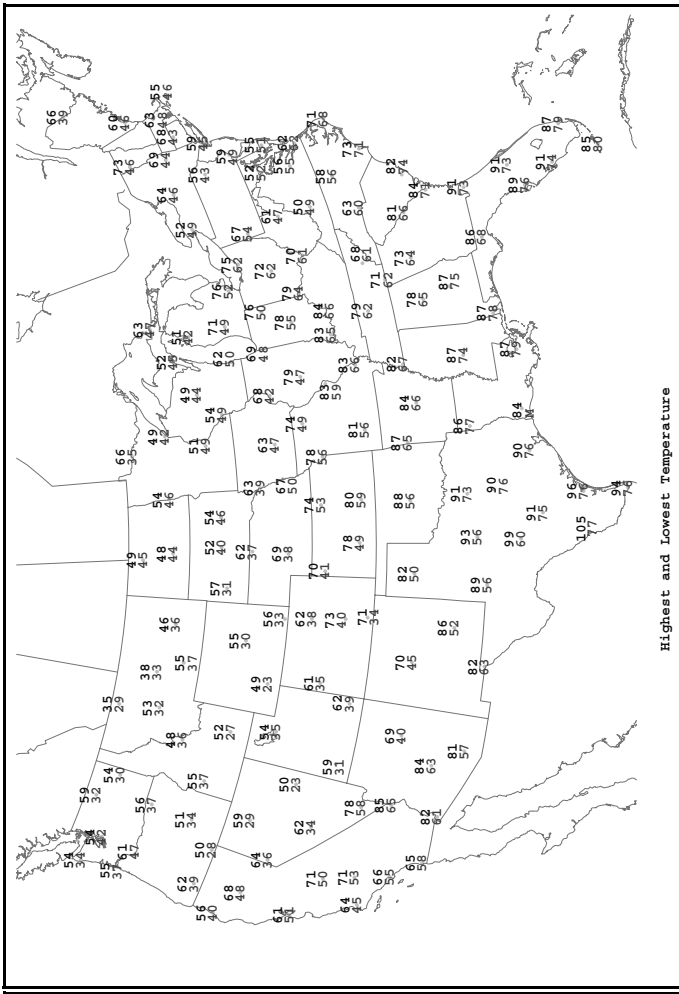
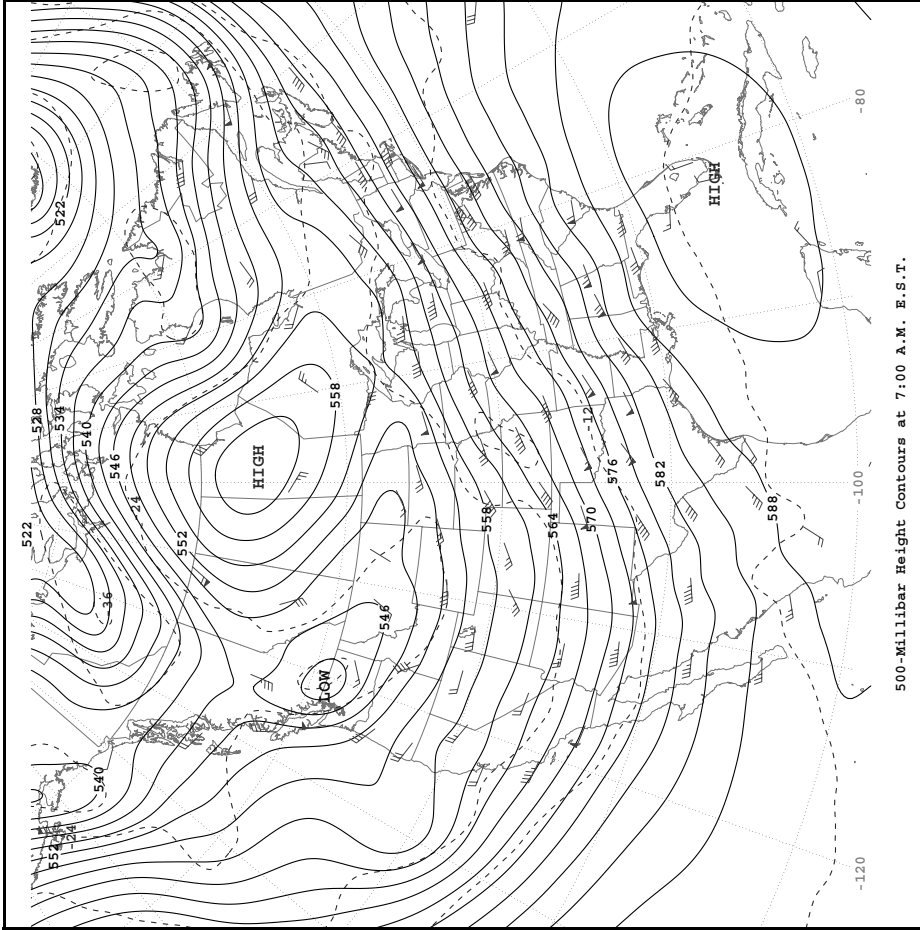
6 Hour Total Precipitation (in hundredths of an inch): **05**

Sky Cover: **05**

MONDAY, MAY 5, 2003



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

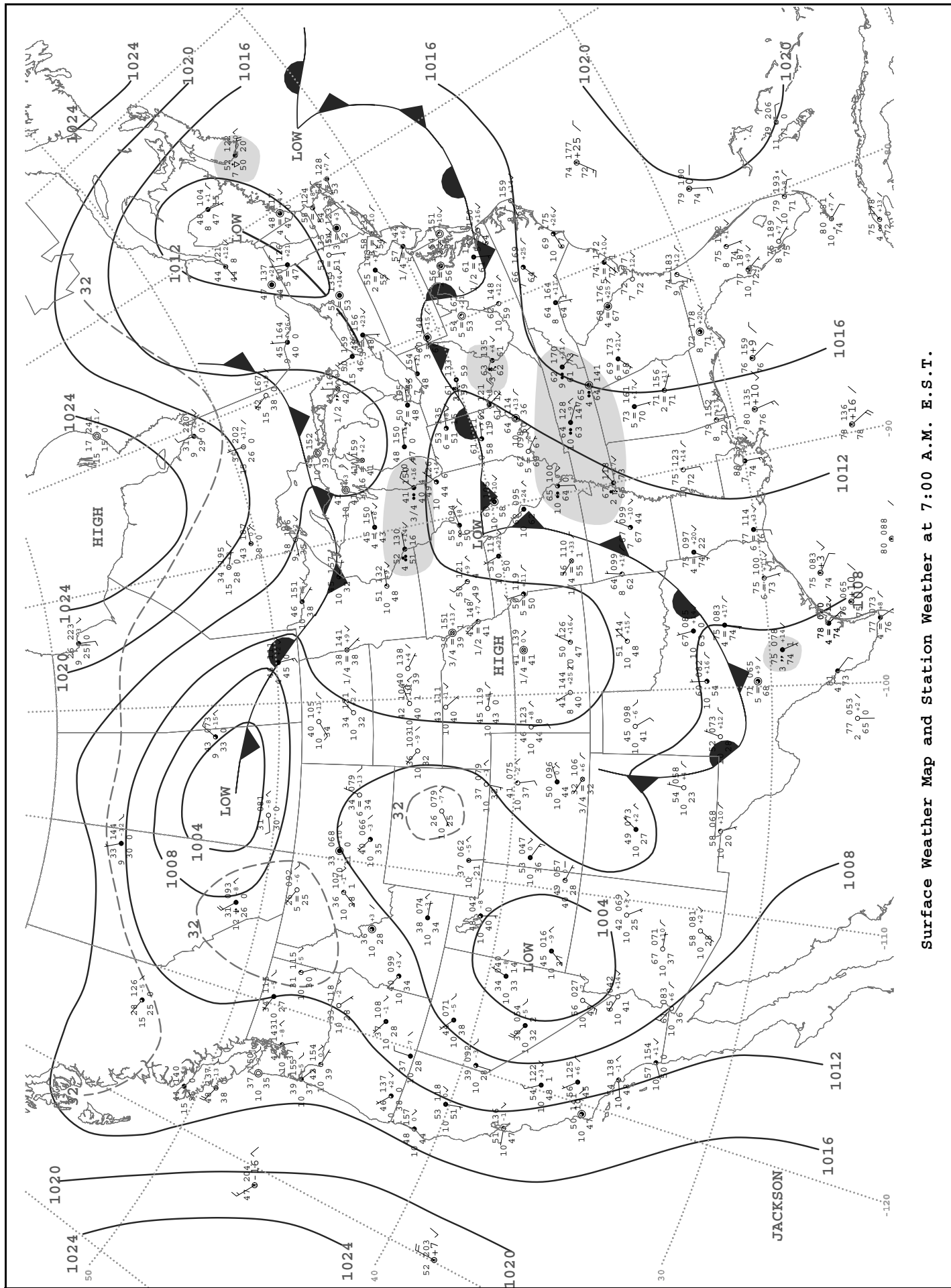
Visibility (in miles): 3-Digit Surface Pressure (in tenths): Ex: 989 = 998.9mb, 012 = 1001.2mb

Present Weather Symbol: PP a 3 Hour Pressure Tendency (in tenths)

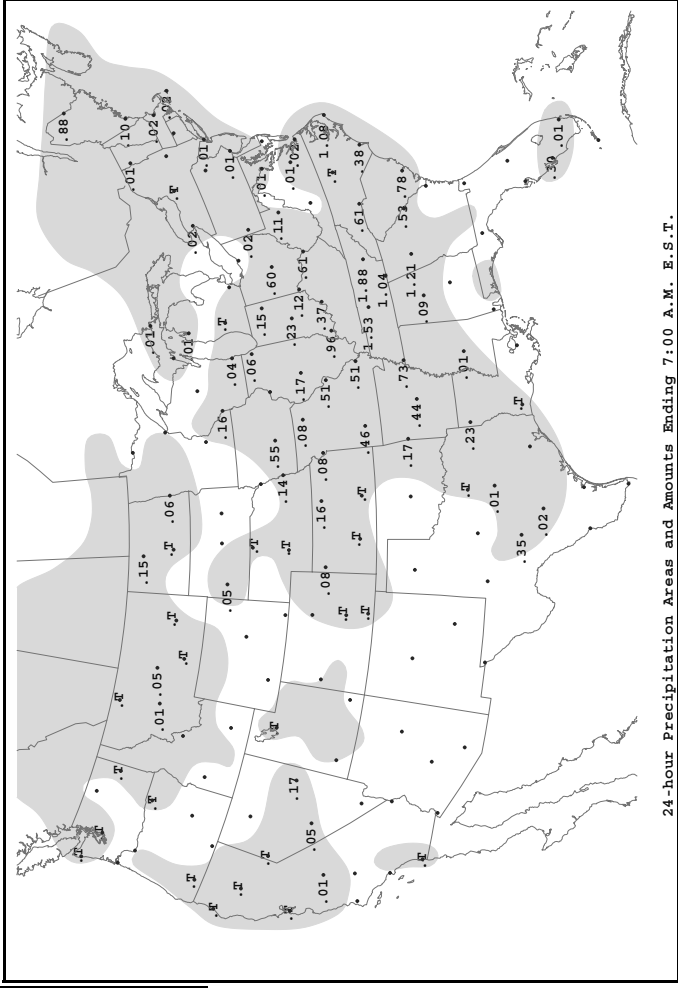
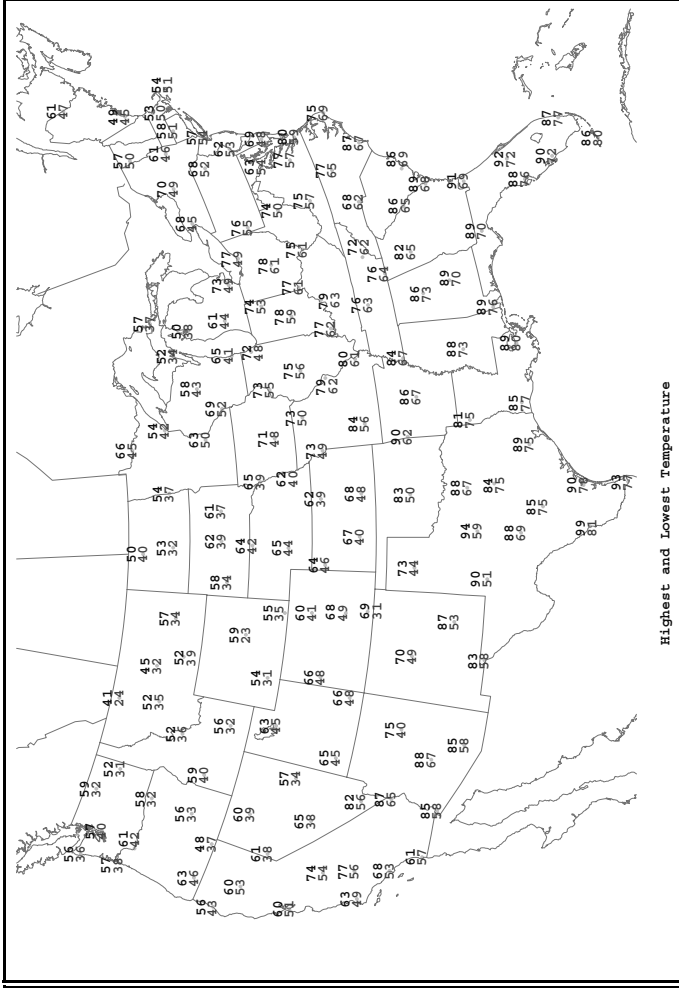
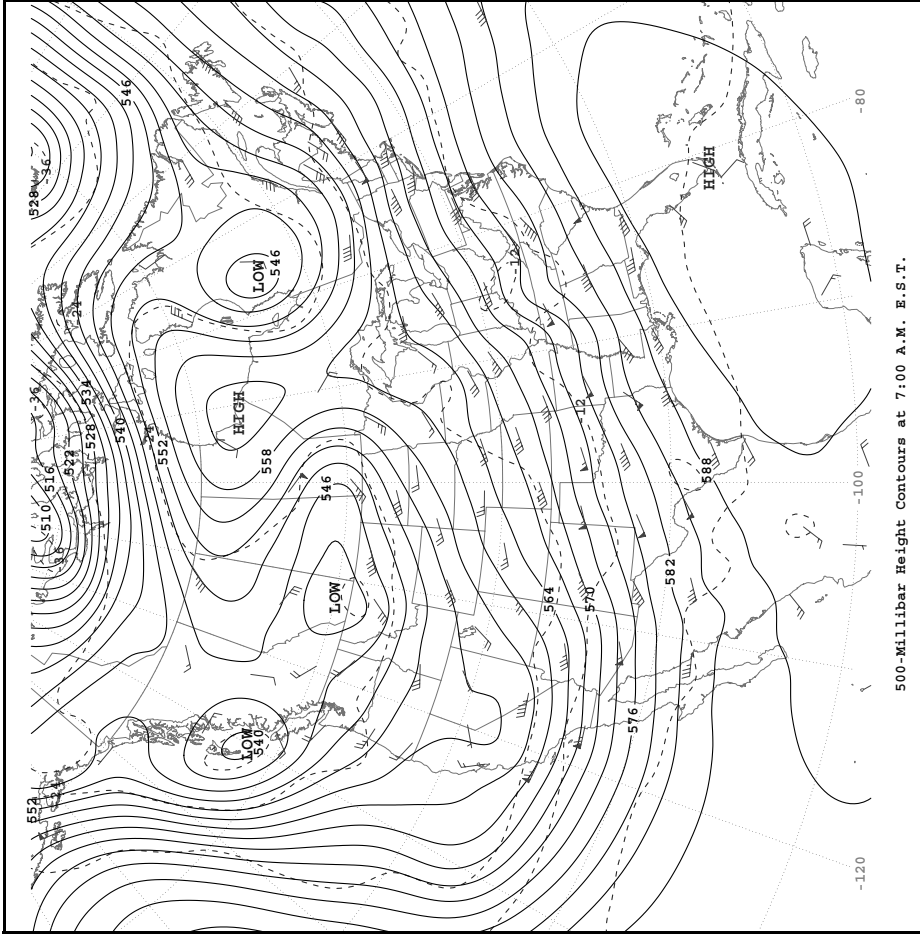
Dew Point Temperature: WW 6 Hour Total Precipitation (in hundredths of an inch)

RR Sky Cover

TUESDAY, MAY 6, 2003



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



Station Model

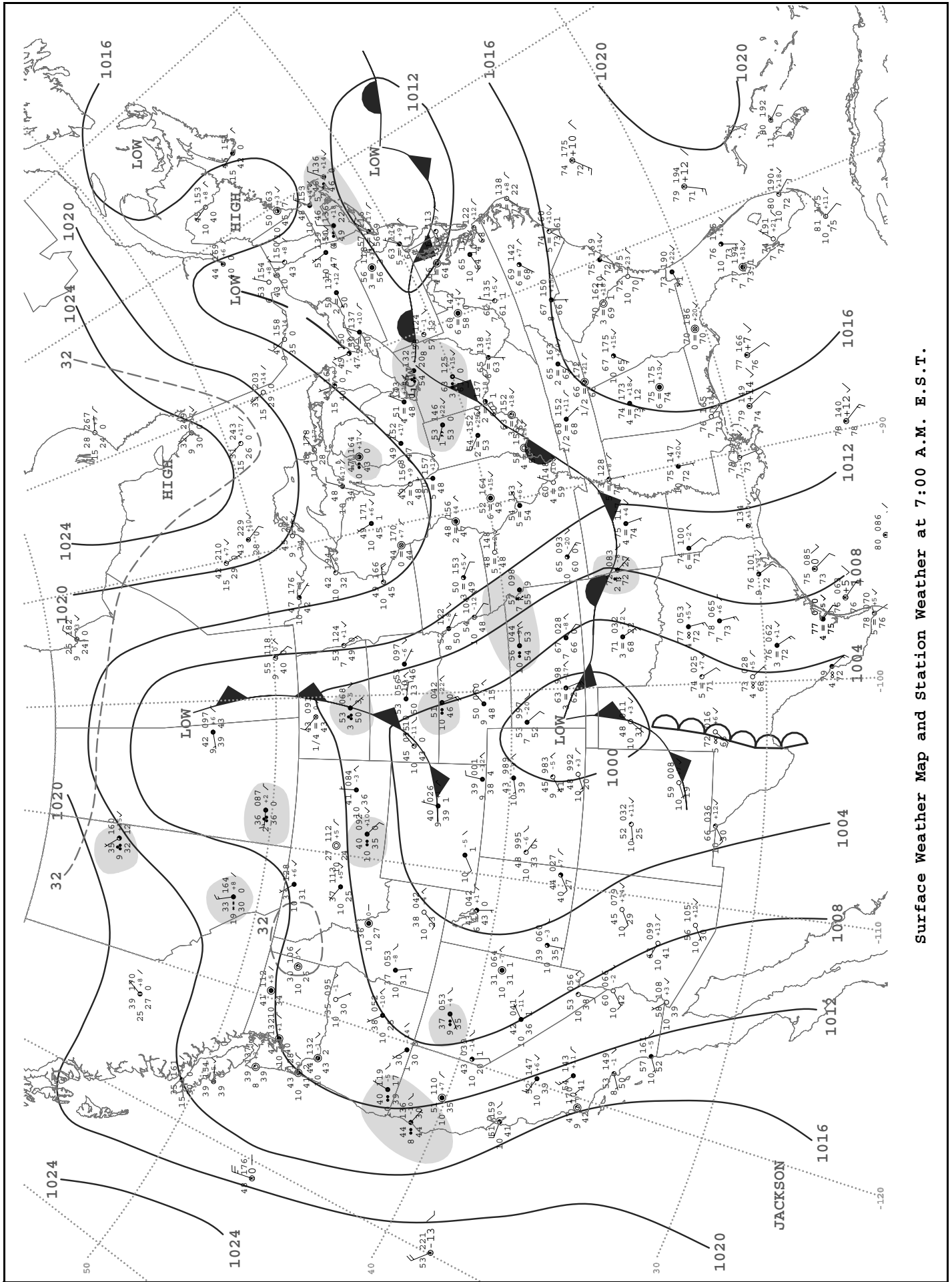
Wind Direction ——— Wind Speed
 Long Feather - 10 knots
 Short Feather - 5 knots

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

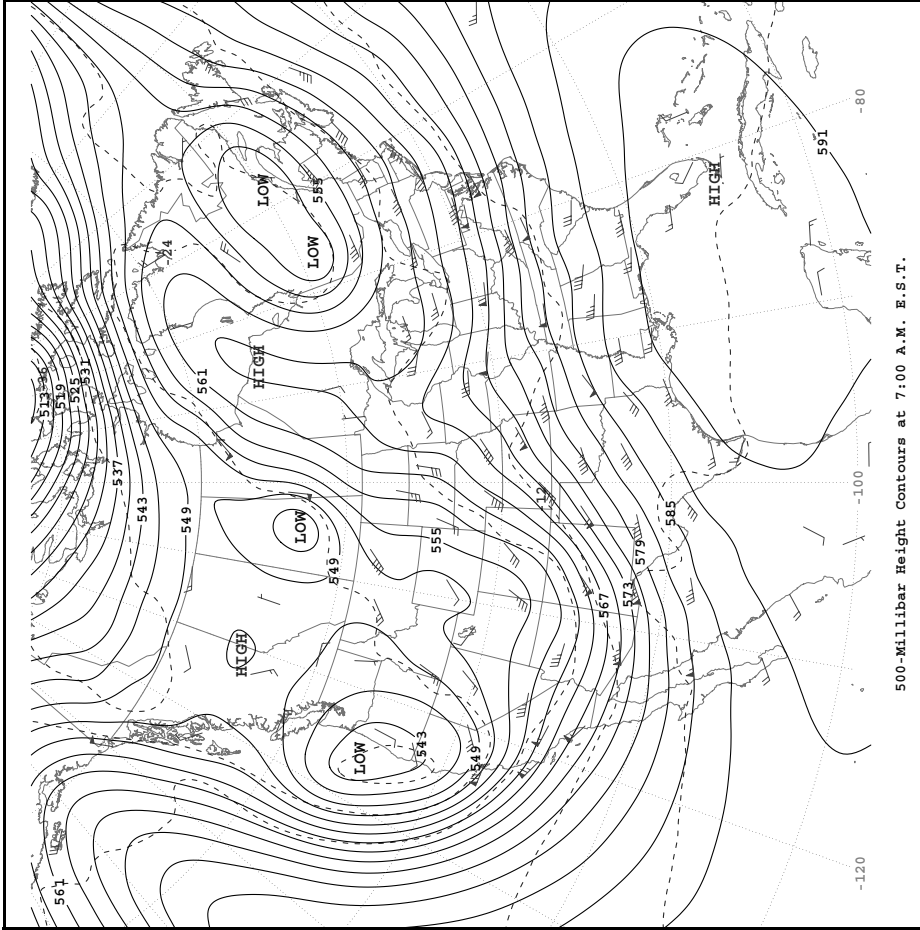
Visibility (in miles) — TT ——— PPP
 Present Weather Symbol — V WW ——— PP a

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

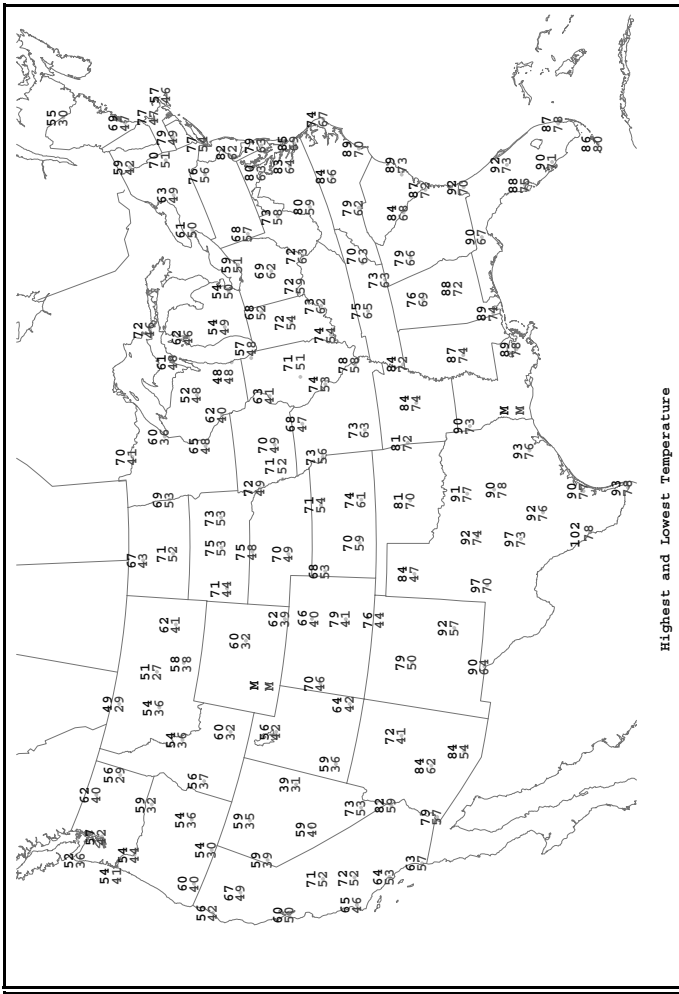
WEDNESDAY, MAY 7, 2003



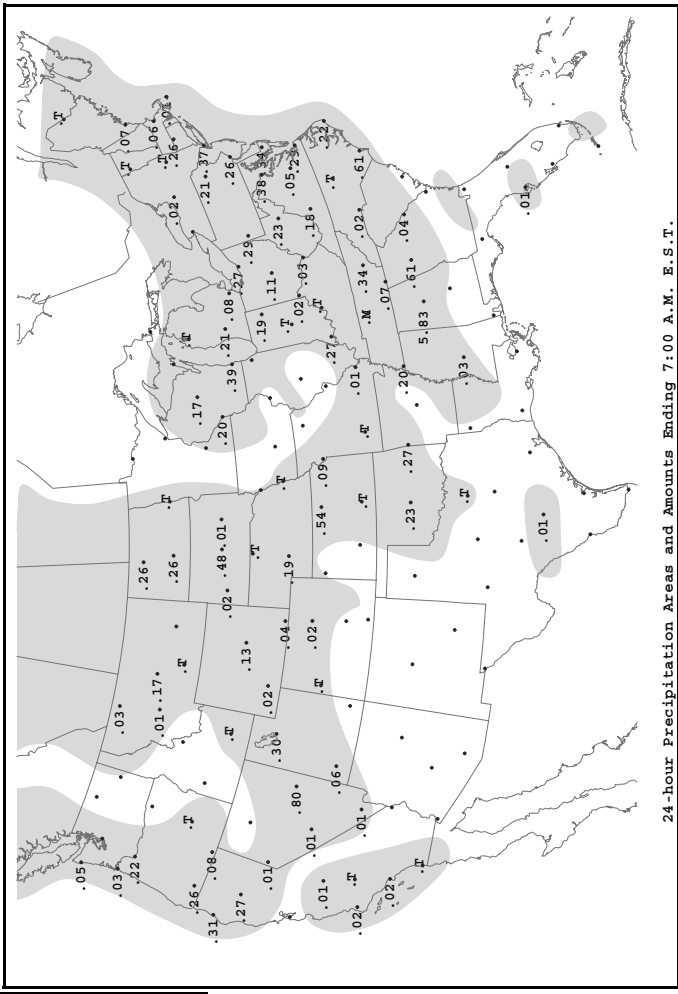
Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.



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: **FF** (Long Feather - 10 knots, Short Feather - 5 knots)

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

Current Temperature (in °F): **TT**

Visibility (in miles): **V**

Present Weather Symbol: **PP**

Dew Point Temperature: **DD**

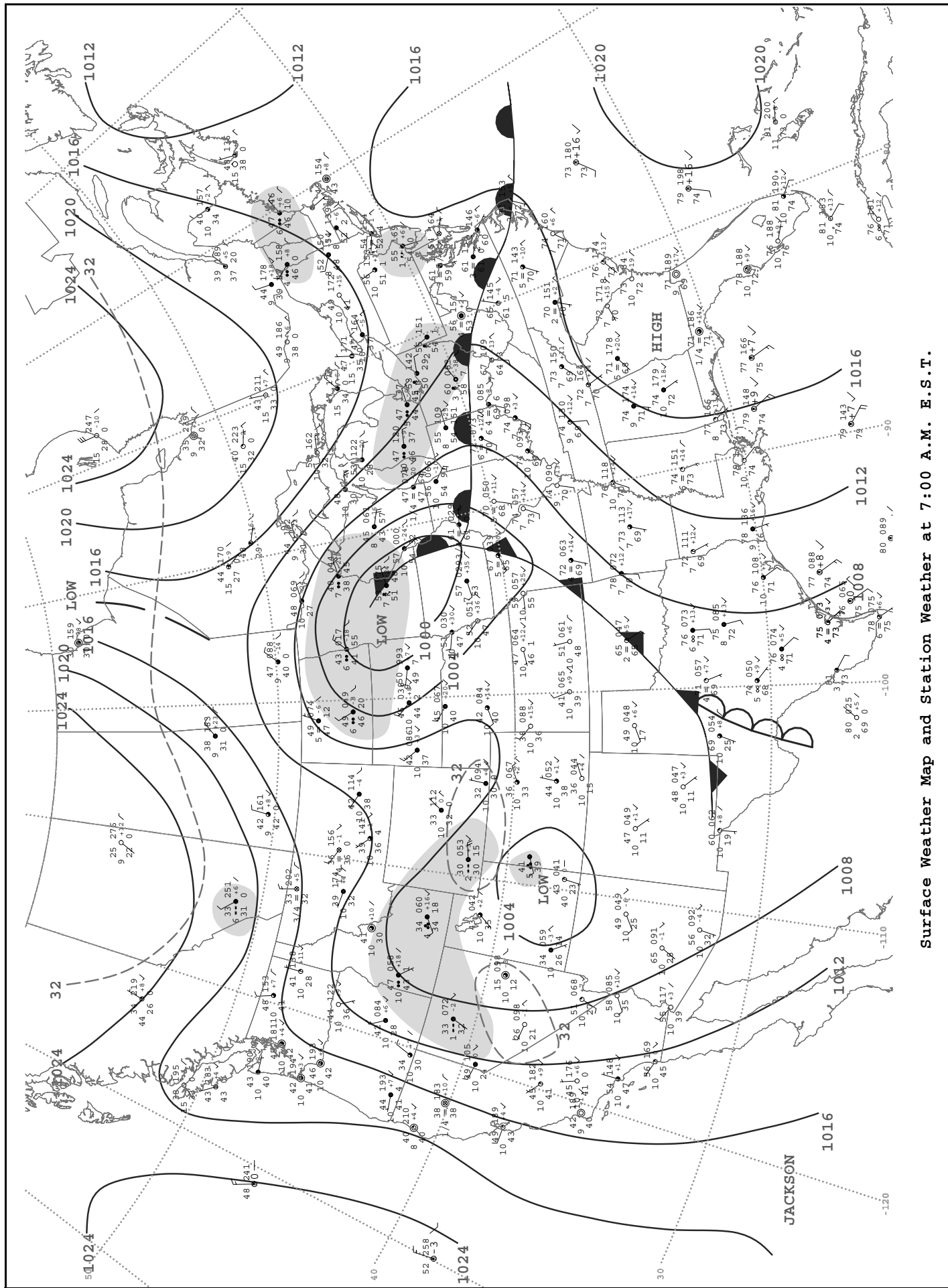
3-Digit Surface Pressure (in tenths): **PPP** (Ex: 989 = 998.9mb, 012 = 1001.2mb)

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

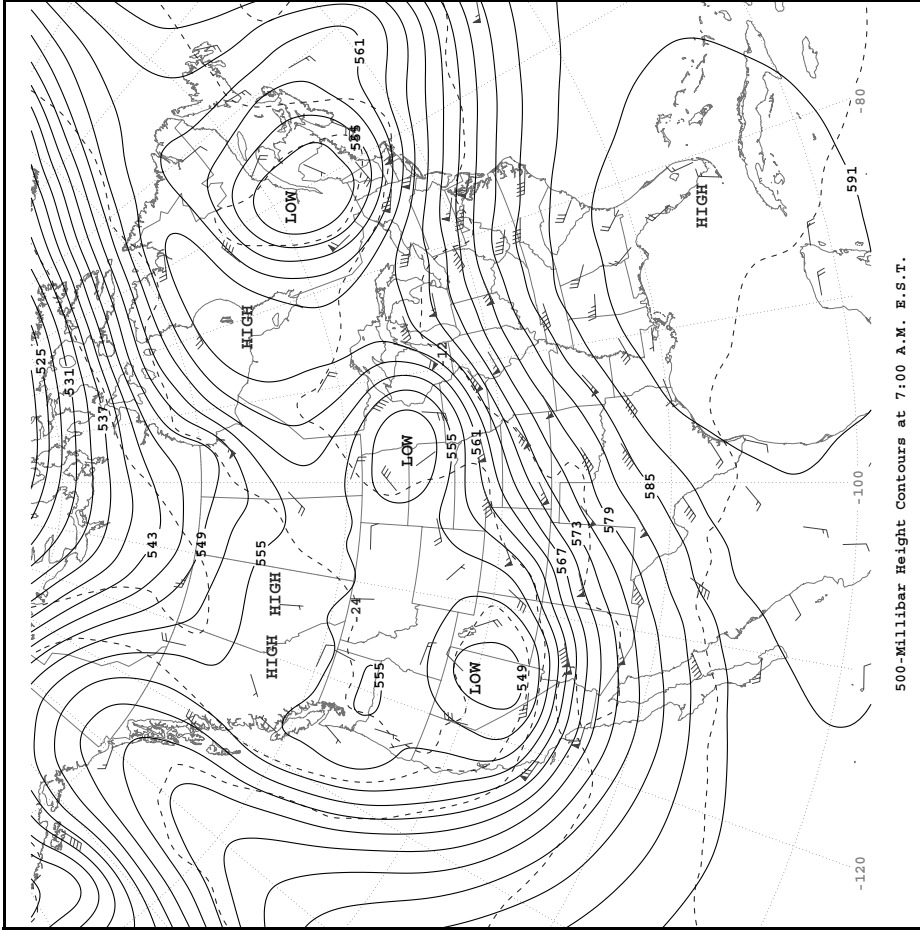
6 Hour Total Precipitation (in hundredths of an inch): **RR**

Sky Cover: **RR**

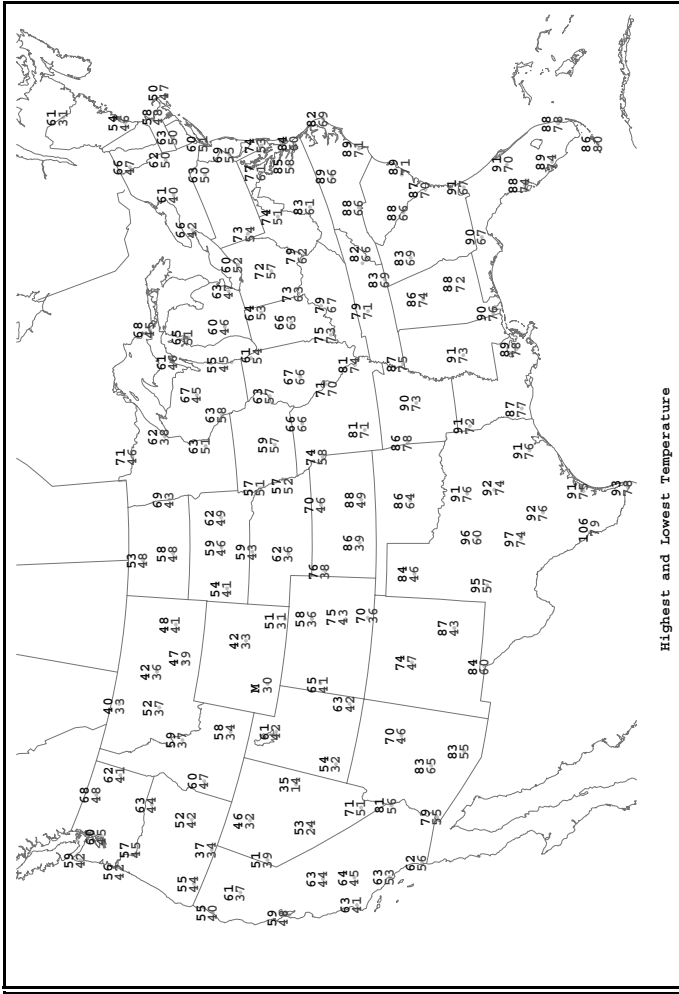
THURSDAY, MAY 8, 2003



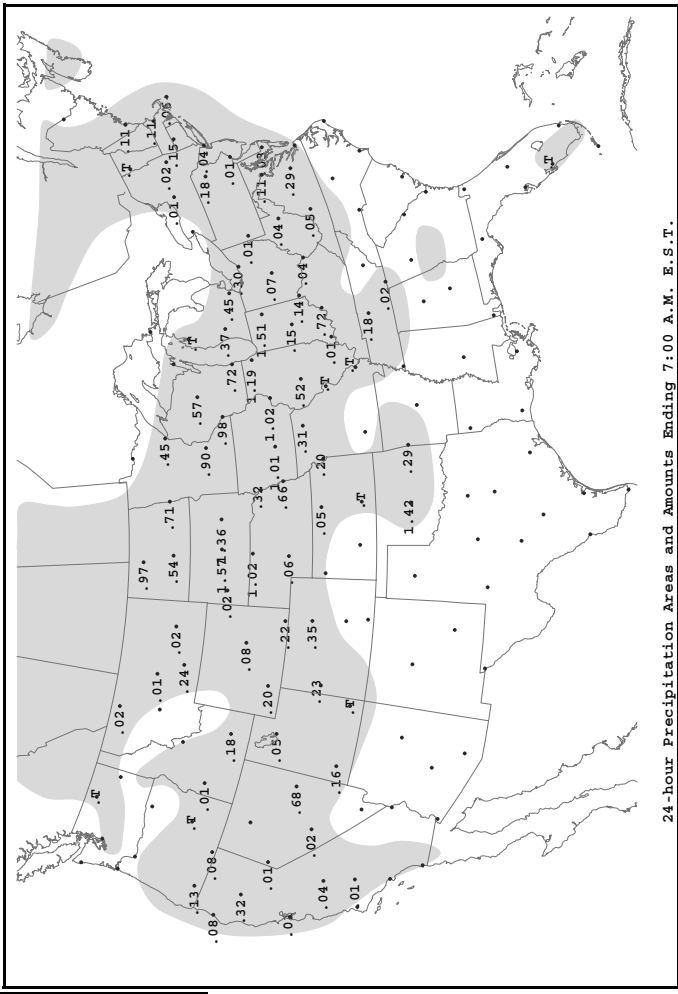
Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.



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: **W** (Wind Feather - 10 knots)
 Long Feather - 10 knots
 Short Feather - 5 knots

Current Temperature (in °F): **66** (Long Feather - 10 knots)
 Wind Speed: **10** (Long Feather - 10 knots)

Visibility (in miles): **10** (Short Feather - 5 knots)
 Short Feather - 5 knots

3-Digit Surface Pressure (in tenths): **999** (Long Feather - 10 knots)
 Ex: 989 = 998.9mb, 012 = 1001.2mb

Present Weather Symbol: **BR** (Long Feather - 10 knots)
 Long Feather - 10 knots

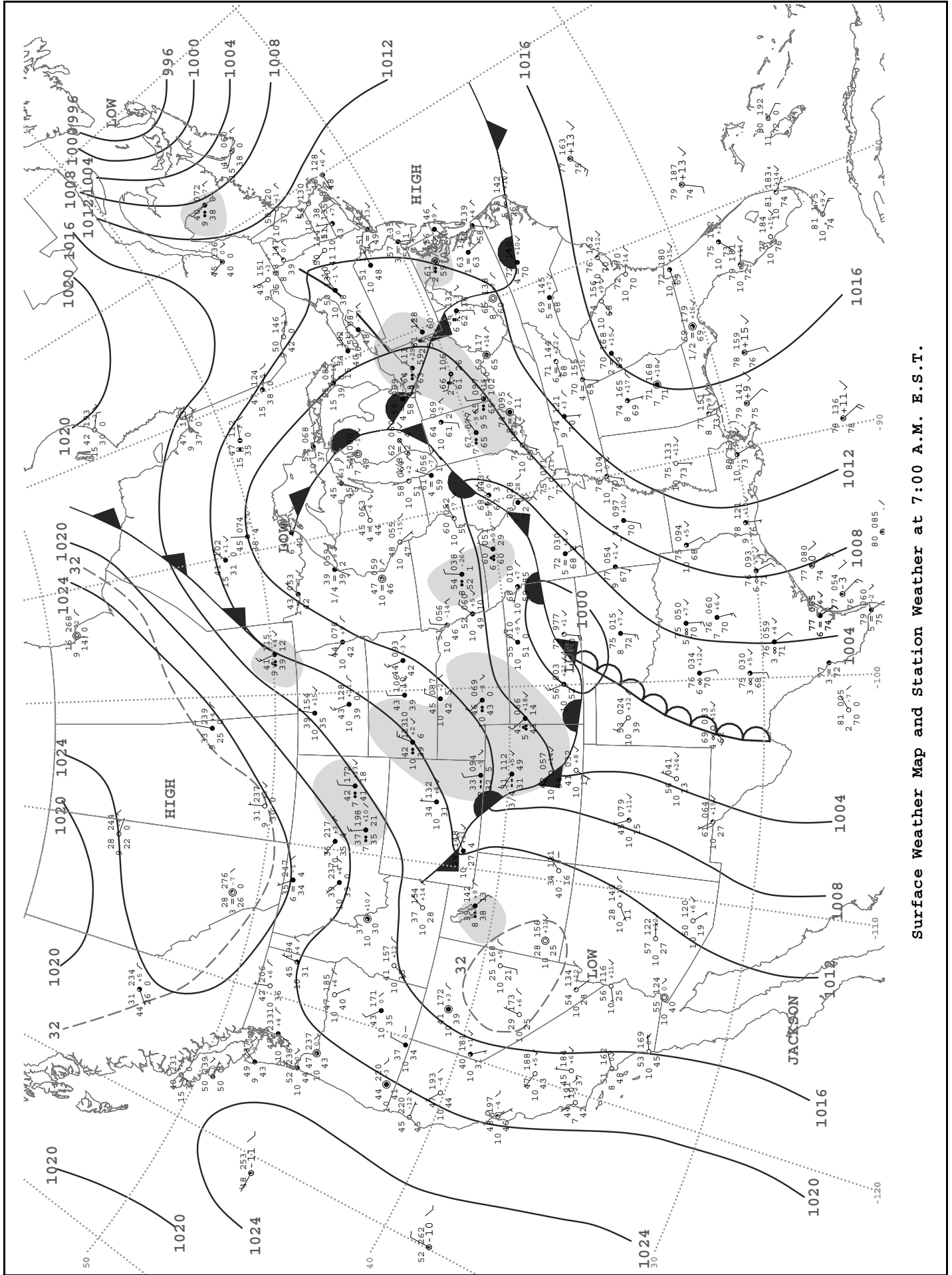
Dew Point Temperature: **55** (Short Feather - 5 knots)
 Short Feather - 5 knots

3 Hour Pressure Tendency (in tenths): **012** (Long Feather - 10 knots)
 Long Feather - 10 knots

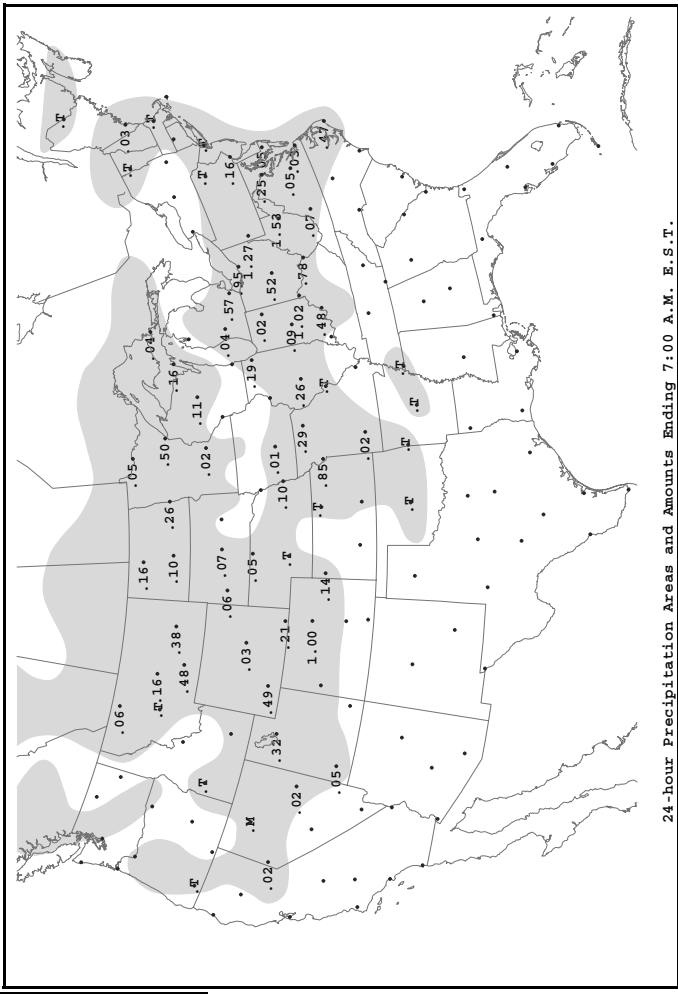
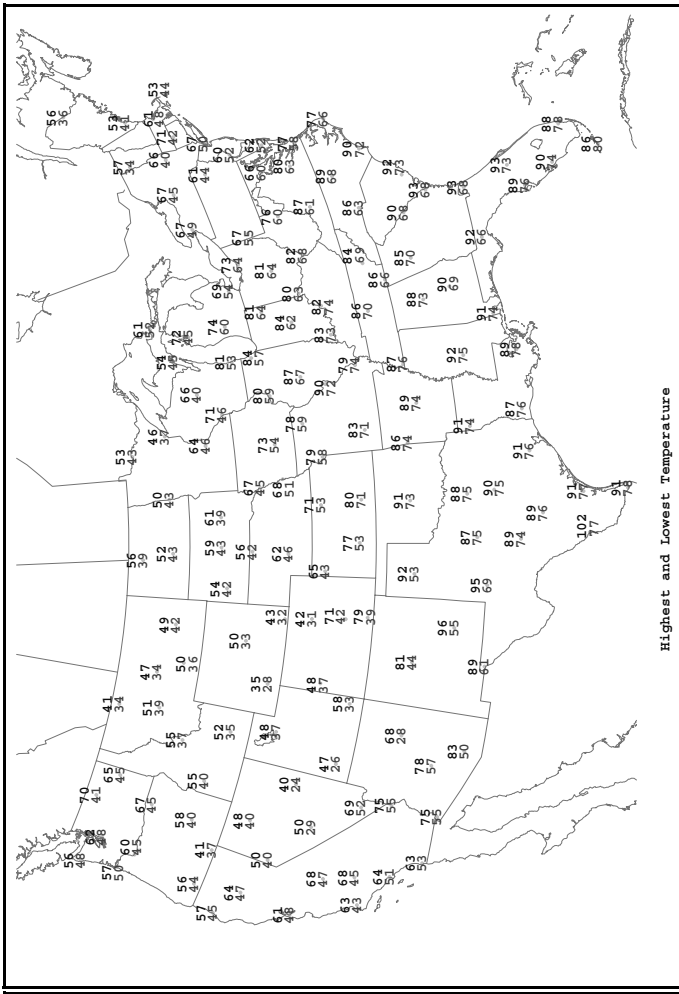
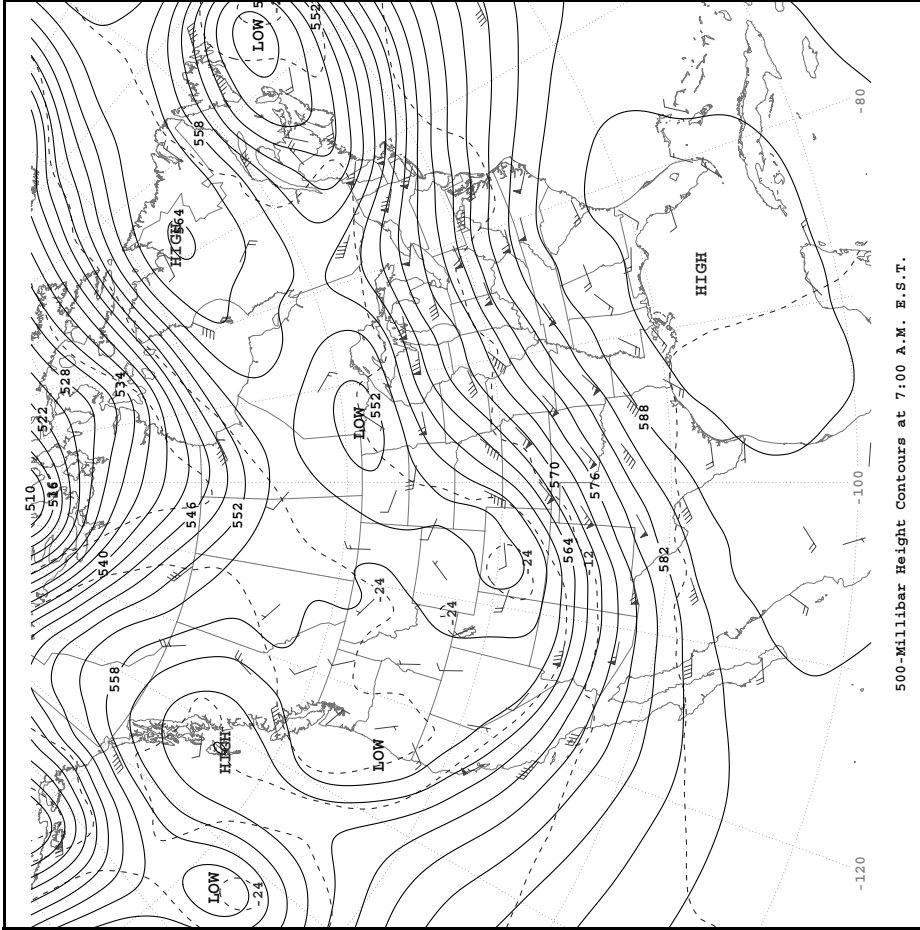
6 Hour Total Precipitation (in hundredths of an inch): **01** (Short Feather - 5 knots)
 Short Feather - 5 knots

Sky Cover: **01** (Short Feather - 5 knots)
 Short Feather - 5 knots

FRIDAY, MAY 9, 2003



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

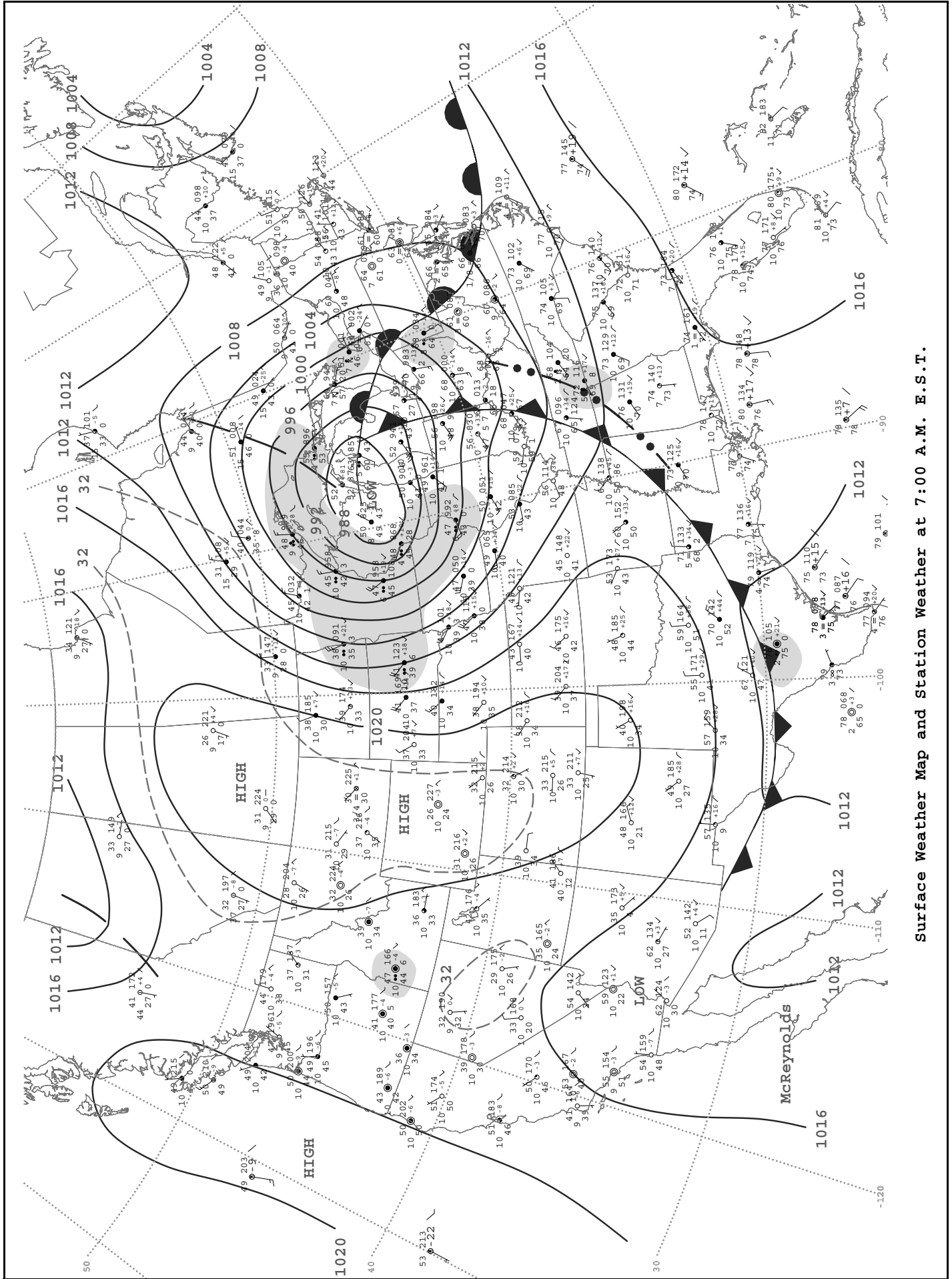


Station Model

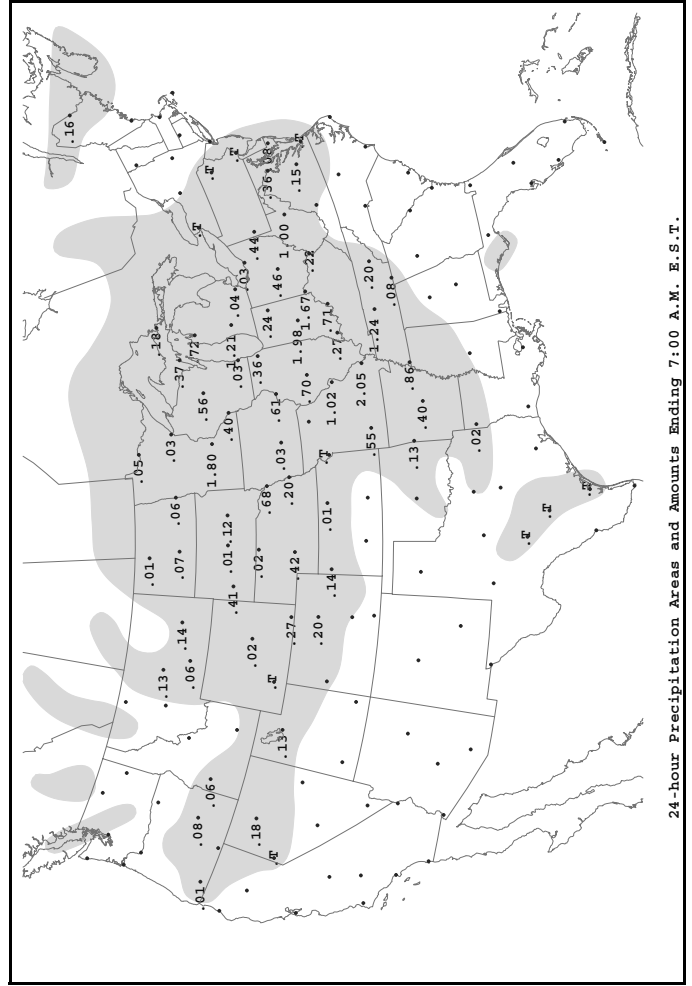
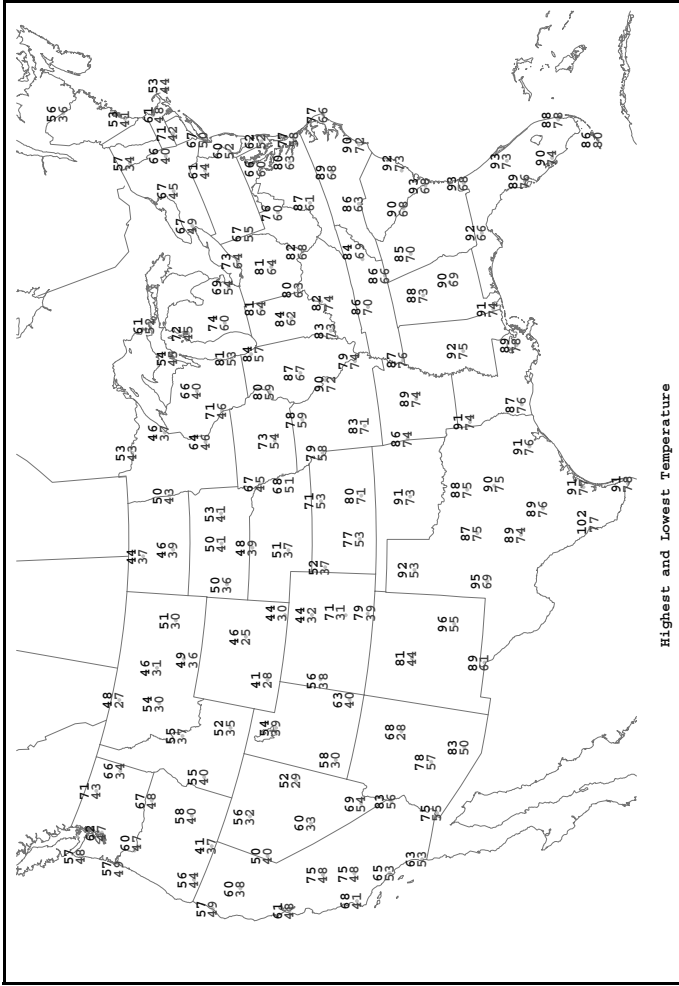
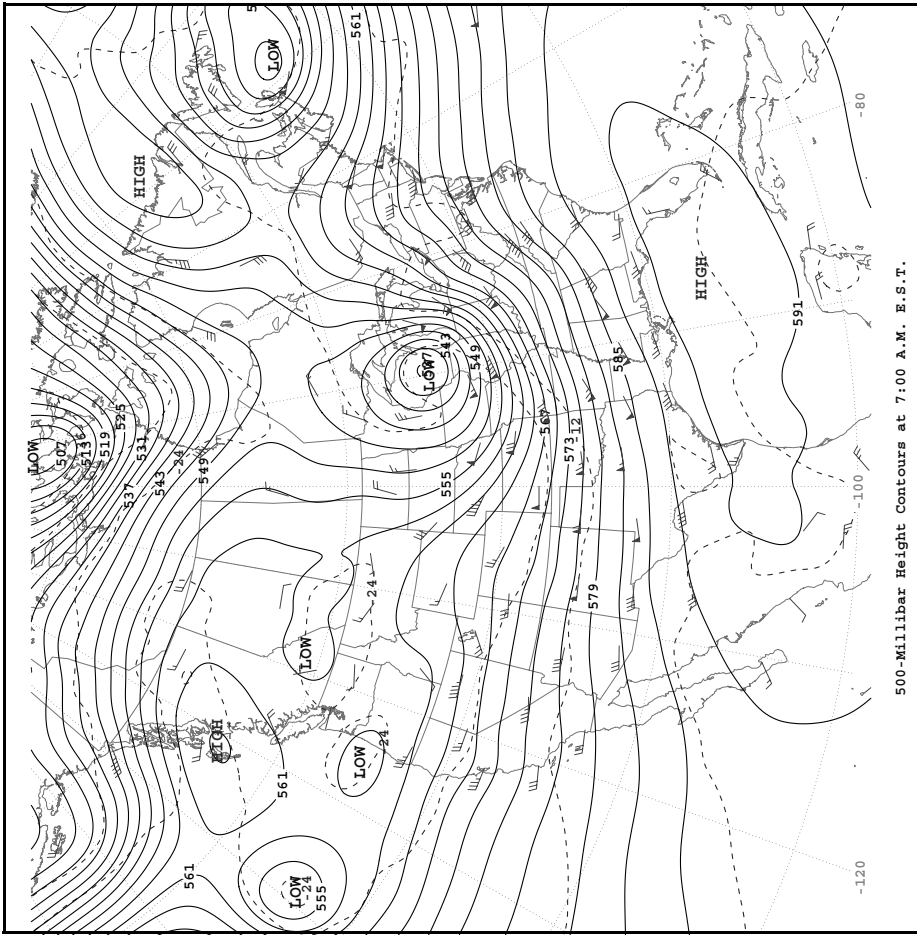
The station model diagram includes the following components and their corresponding data fields:

- Wind Direction:** Indicated by the tail of the wind feather.
- Wind Speed:** Indicated by the length of the wind feather (Long Feather - 10 knots, Short Feather - 5 knots).
- Current Temperature (in °F):** Indicated by the number 'F'.
- Visibility (in miles):** Indicated by the number 'V'.
- Present Weather Symbol:** Indicated by the symbol 'PP'.
- Dew Point Temperature:** Indicated by the number 'DD'.
- 3-Digit Surface Pressure (in tenths):** Indicated by the number 'PPP'.
- 3 Hour Pressure Tendency (in tenths):** Indicated by the number 'PPa'.
- 6 Hour Total Precipitation (in hundredths of an inch):** Indicated by the number 'RR'.
- Sky Cover:** Indicated by the number 'Sky_Cover'.

SATURDAY, MAY 10, 2003



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

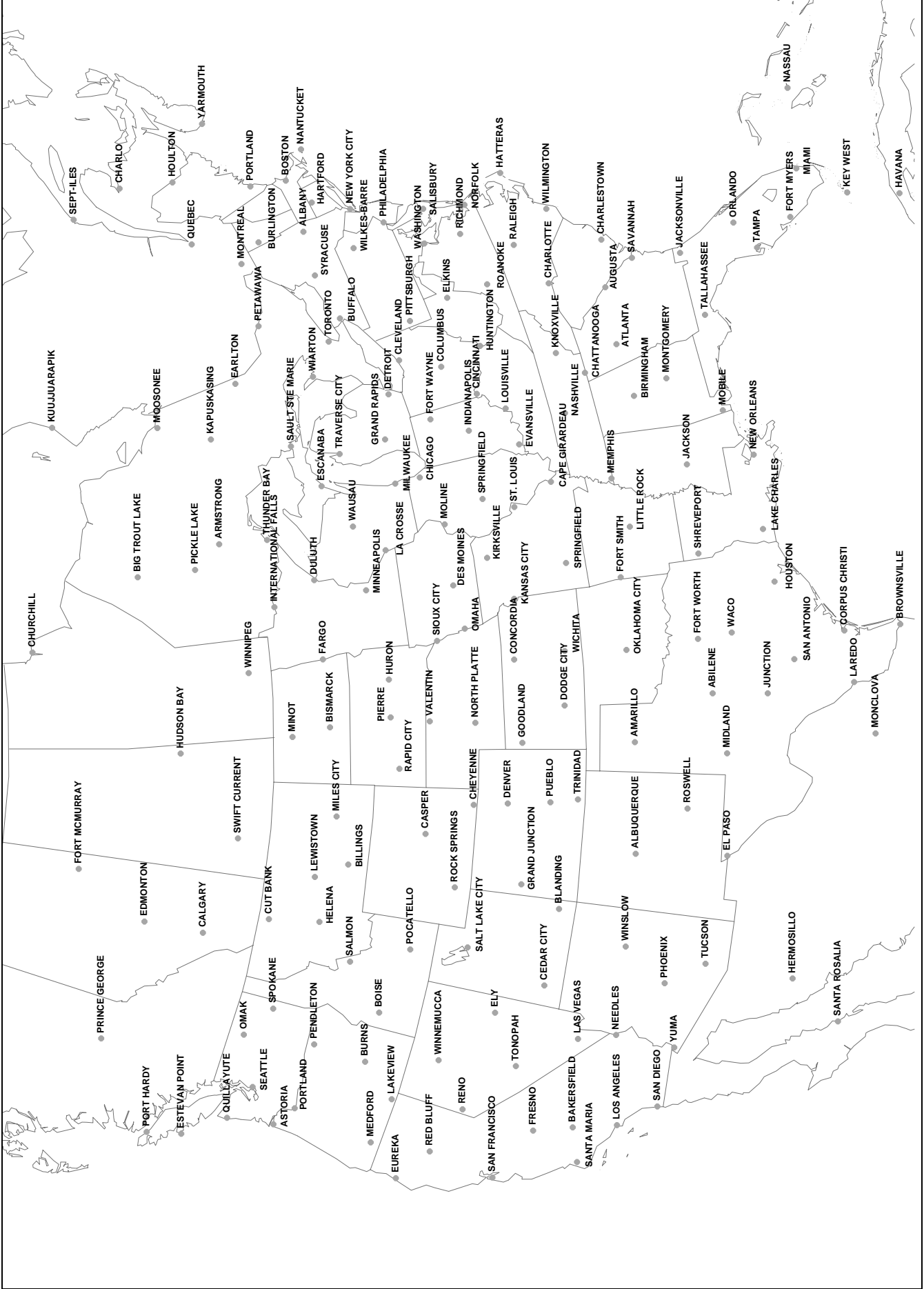


Station Model

The station model diagram consists of the following elements:

- Wind Direction:** Indicated by a line with a short feather pointing in the direction the wind is blowing from.
- Wind Speed:** Indicated by the length of the feather. A long feather represents 10 knots, and a short feather represents 5 knots.
- Current Temperature (in °F):** Represented by the number 'dd'.
- Visibility (in miles):** Represented by the number 'TT'.
- Present Weather Symbol:** Represented by a circle containing a symbol (e.g., 'V' for visibility, 'W' for clouds, 'D' for dew, 'R' for rain, 'S' for snow).
- Dew Point Temperature:** Represented by the number 'DD'.
- 3-Digit Surface Pressure (in tenths):** Represented by the number 'PPP'.
- 3 Hour Pressure Tendency (in tenths):** Represented by the number 'PP'.
- 6 Hour Total Precipitation (in hundredths of an inch):** Represented by the number 'RR'.
- Sky Cover:** Represented by a circle with a horizontal line through it, indicating the percentage of sky covered by clouds.

SUNDAY, MAY 11, 2003



Daily Weather Map Station Names and Locations