



Daily Weather Maps

OCTOBER 10, 2005 - OCTOBER 16, 2005

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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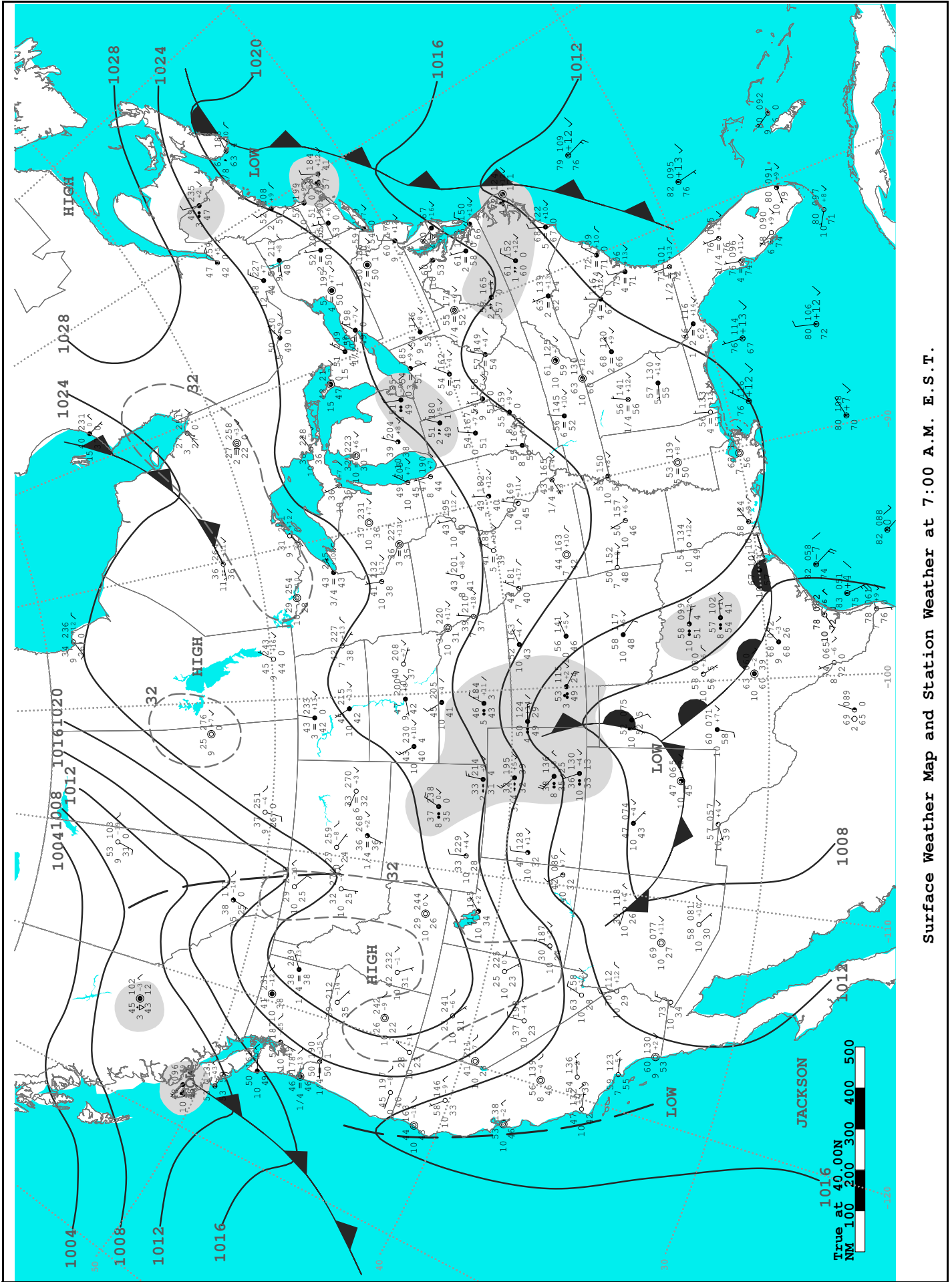
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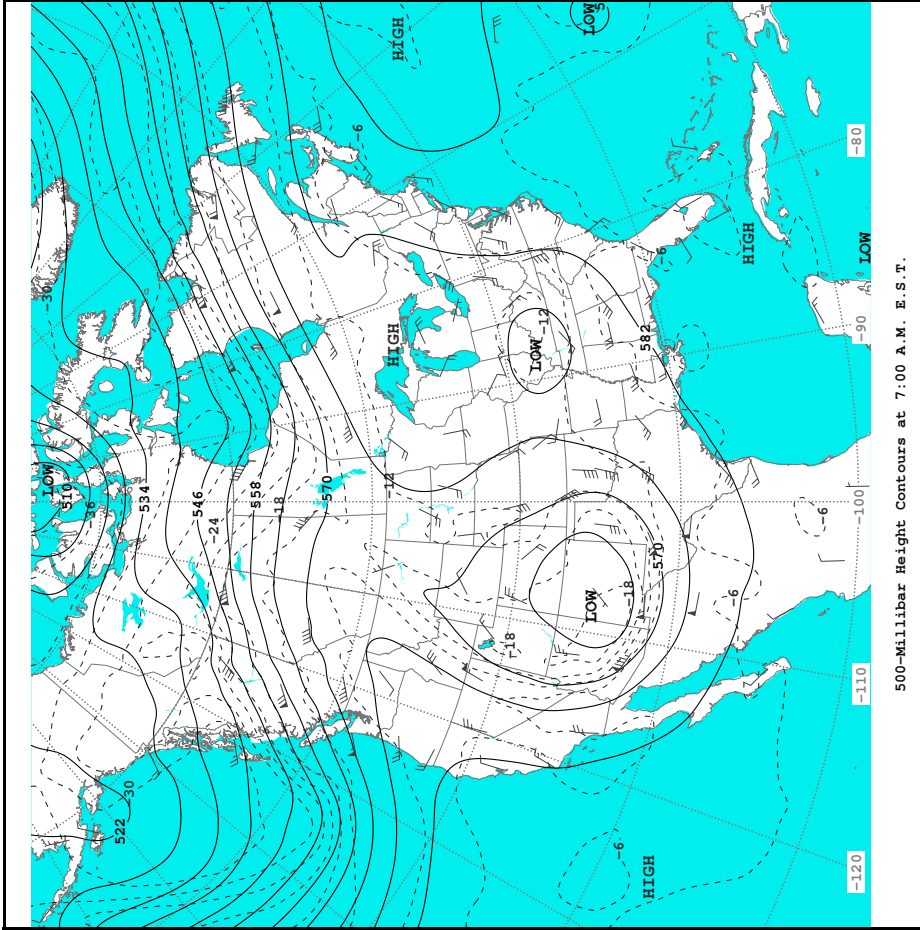
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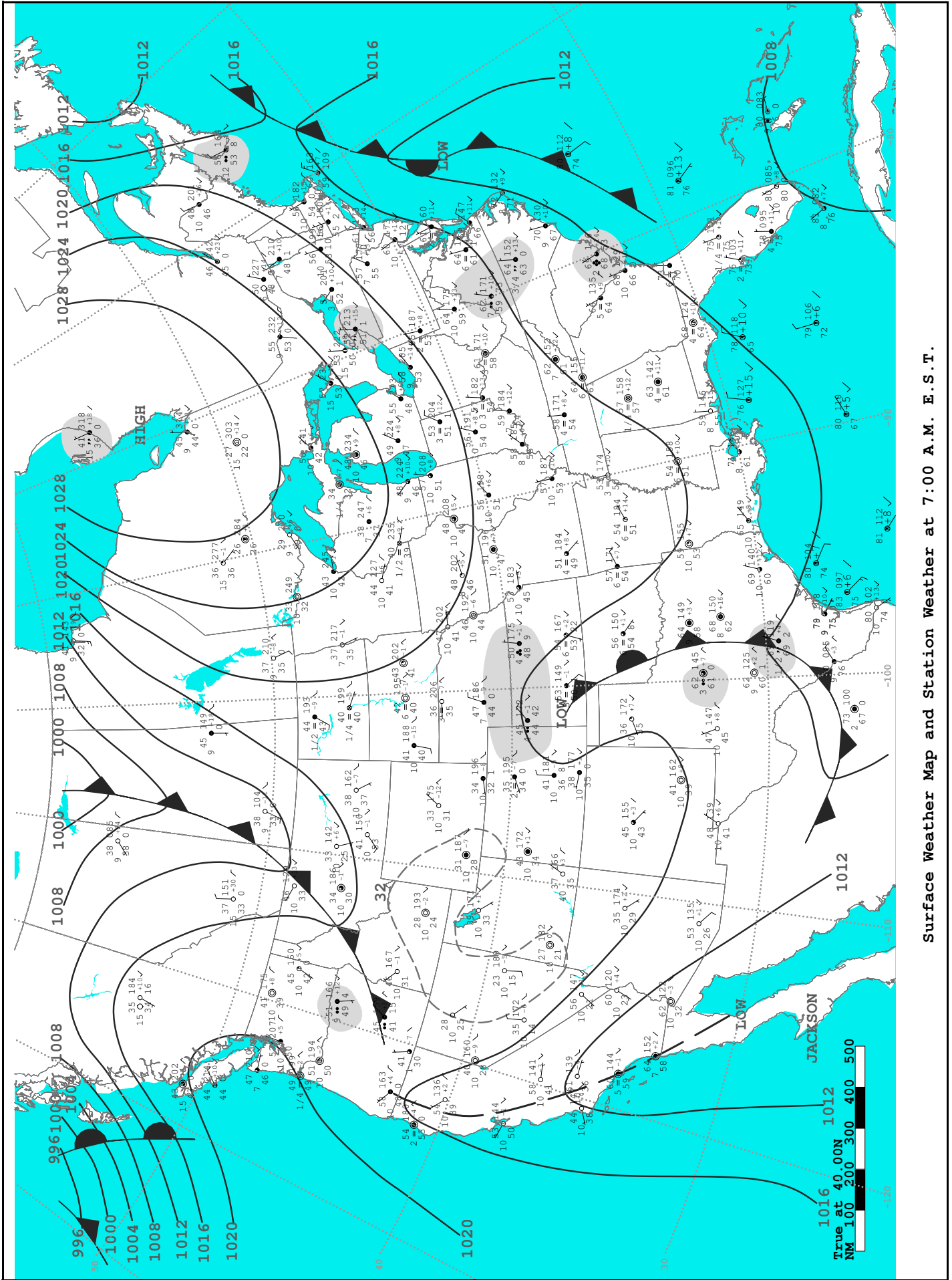
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MONDAY, OCTOBER 10, 2005

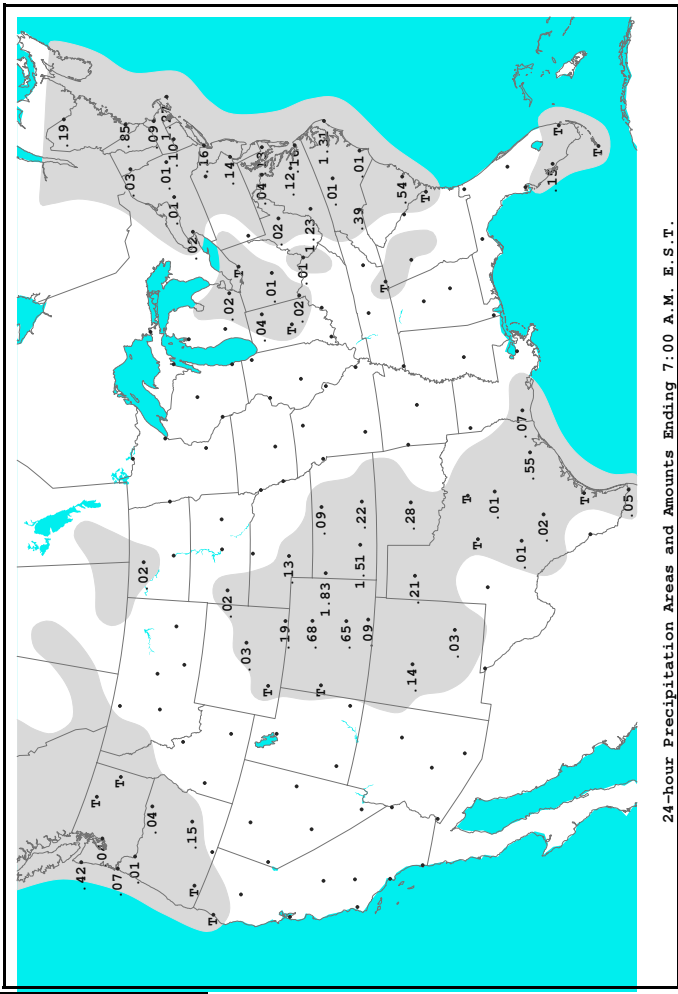
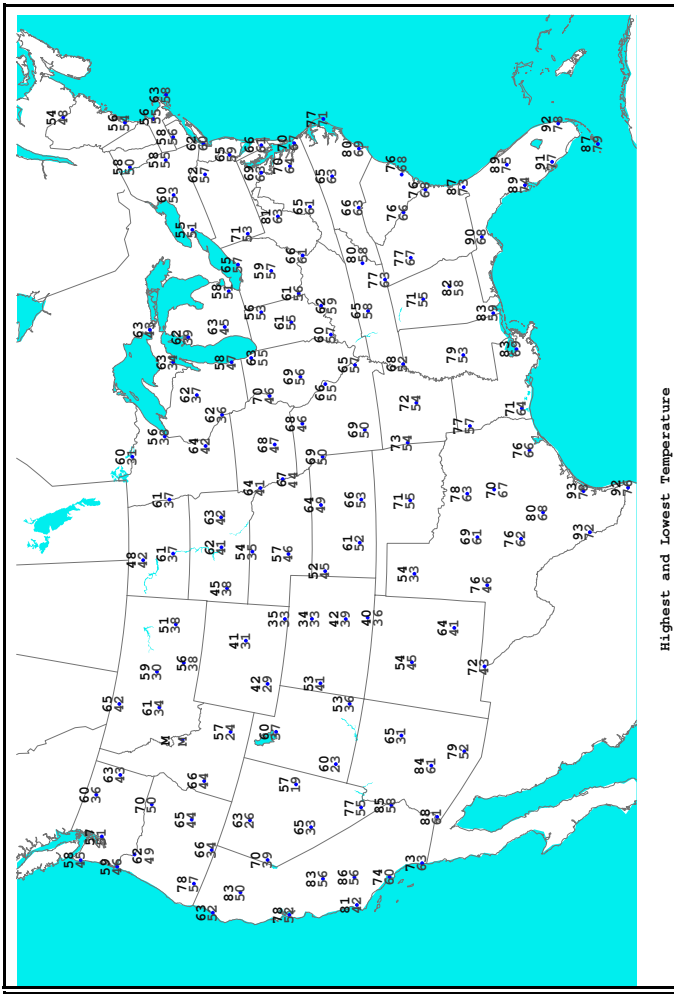
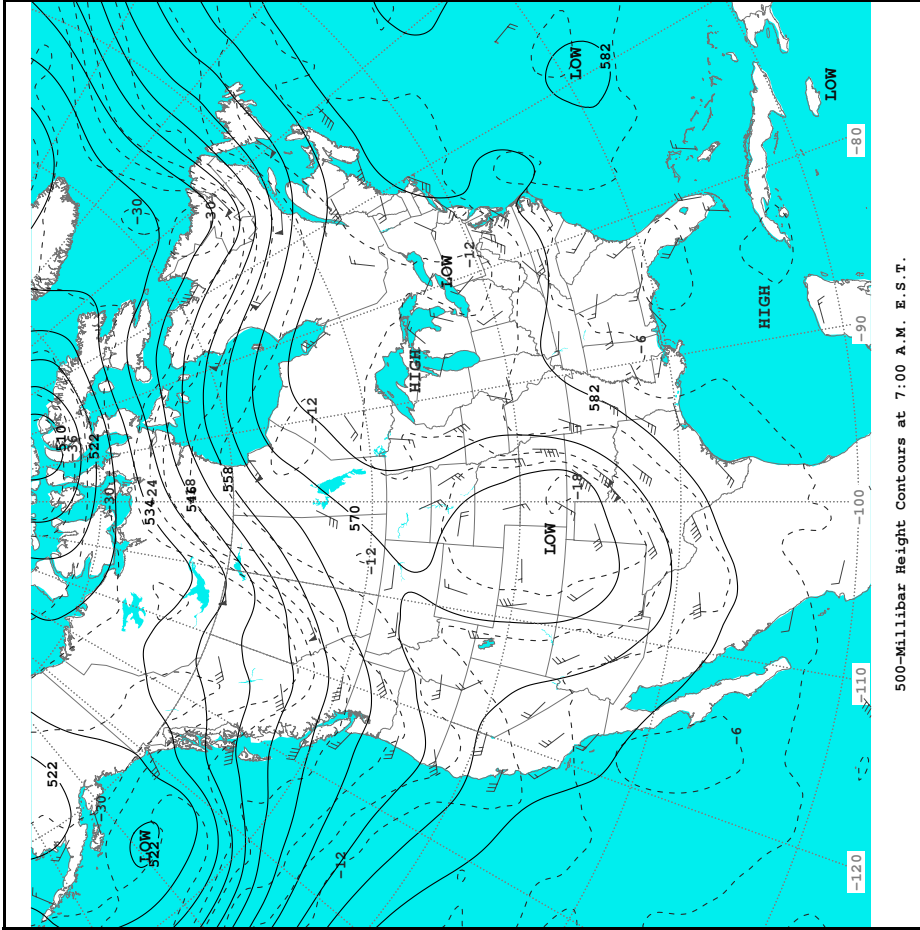


Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.





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



Station Model

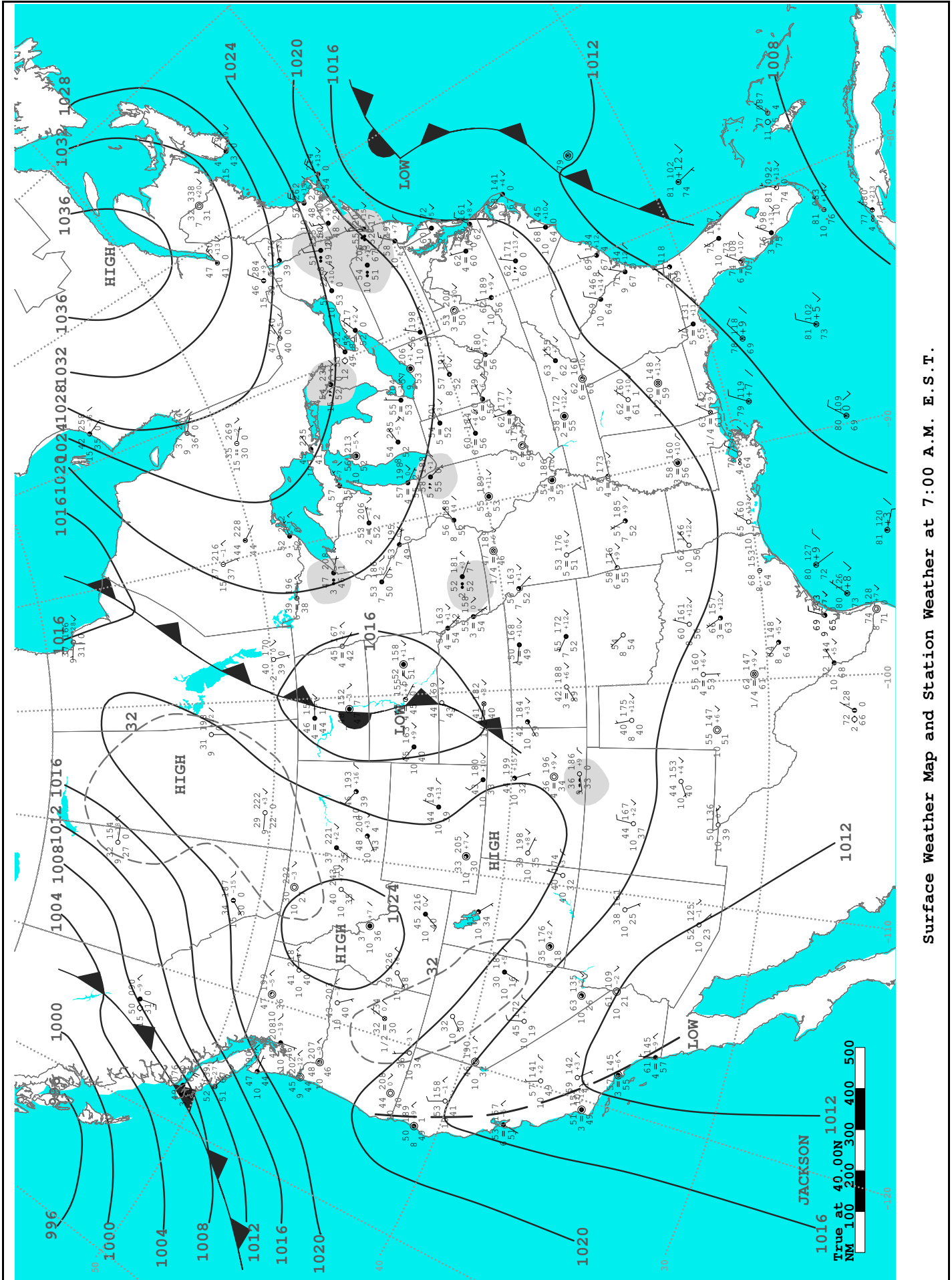
The station model diagram consists of the following elements:

- Wind Direction:** Indicated by a line with a flag.
- Wind Speed:** Indicated by the length of the flag.
- Current Temperature (in °F):** Represented by the number 'F'.
- Visiblity (in miles):** Represented by the number 'V'.
- Present Weather Symbol:** Represented by a circle with a vertical line through it.
- 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.

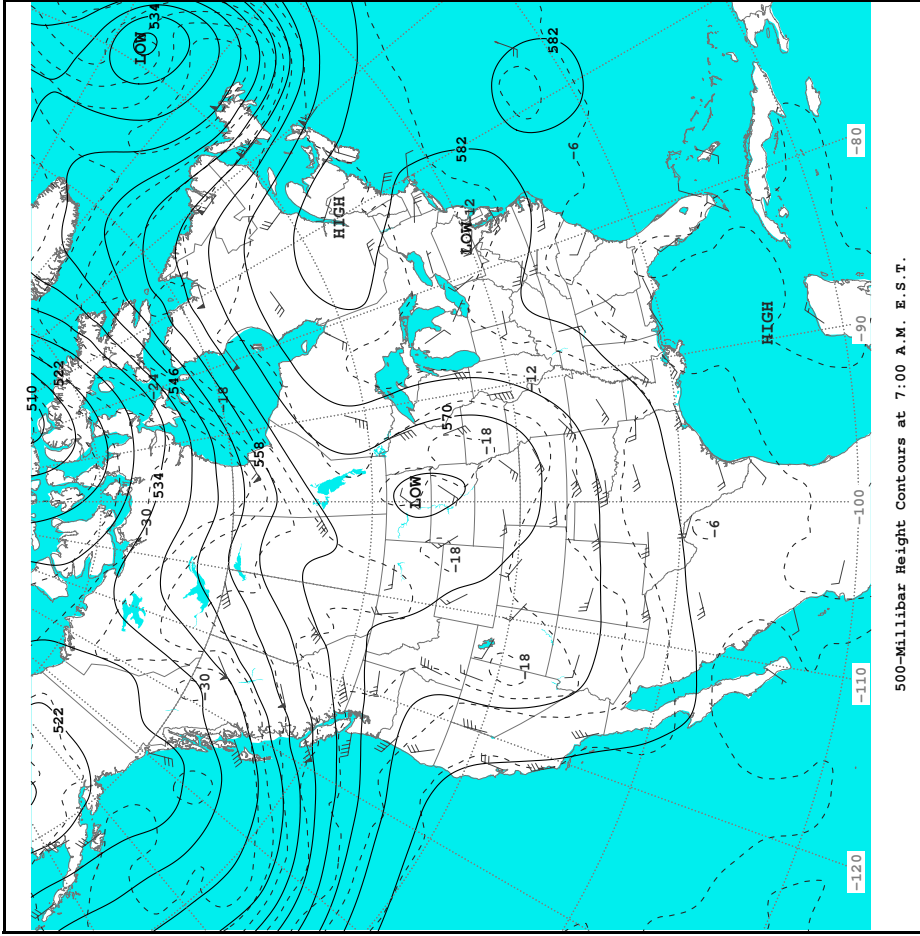
Legend:

- Long Feather - 10 knots
- Short Feather - 5 knots
- Ex: 989 = 998.9mb, 012 = 1001.2mb

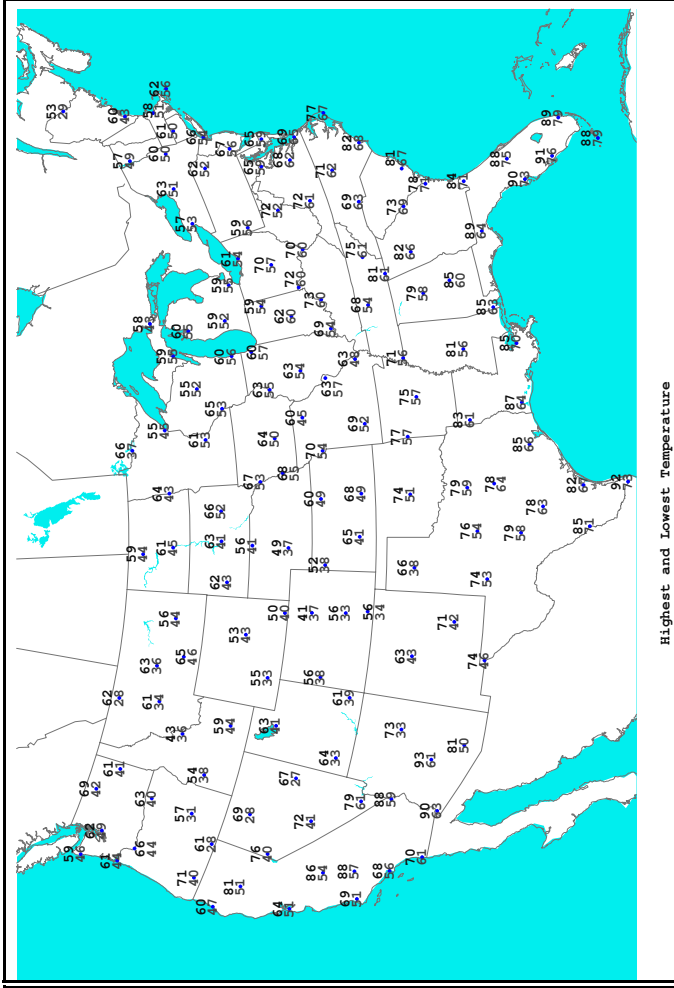
TUESDAY, OCTOBER 11, 2005



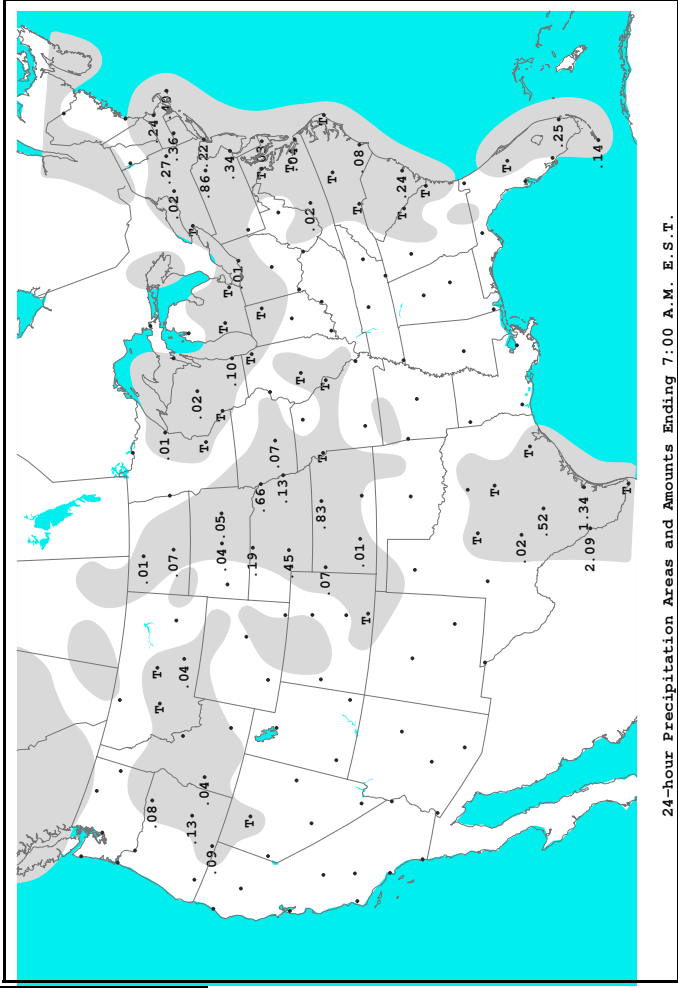
Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.



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



Highest and Lowest Temperature

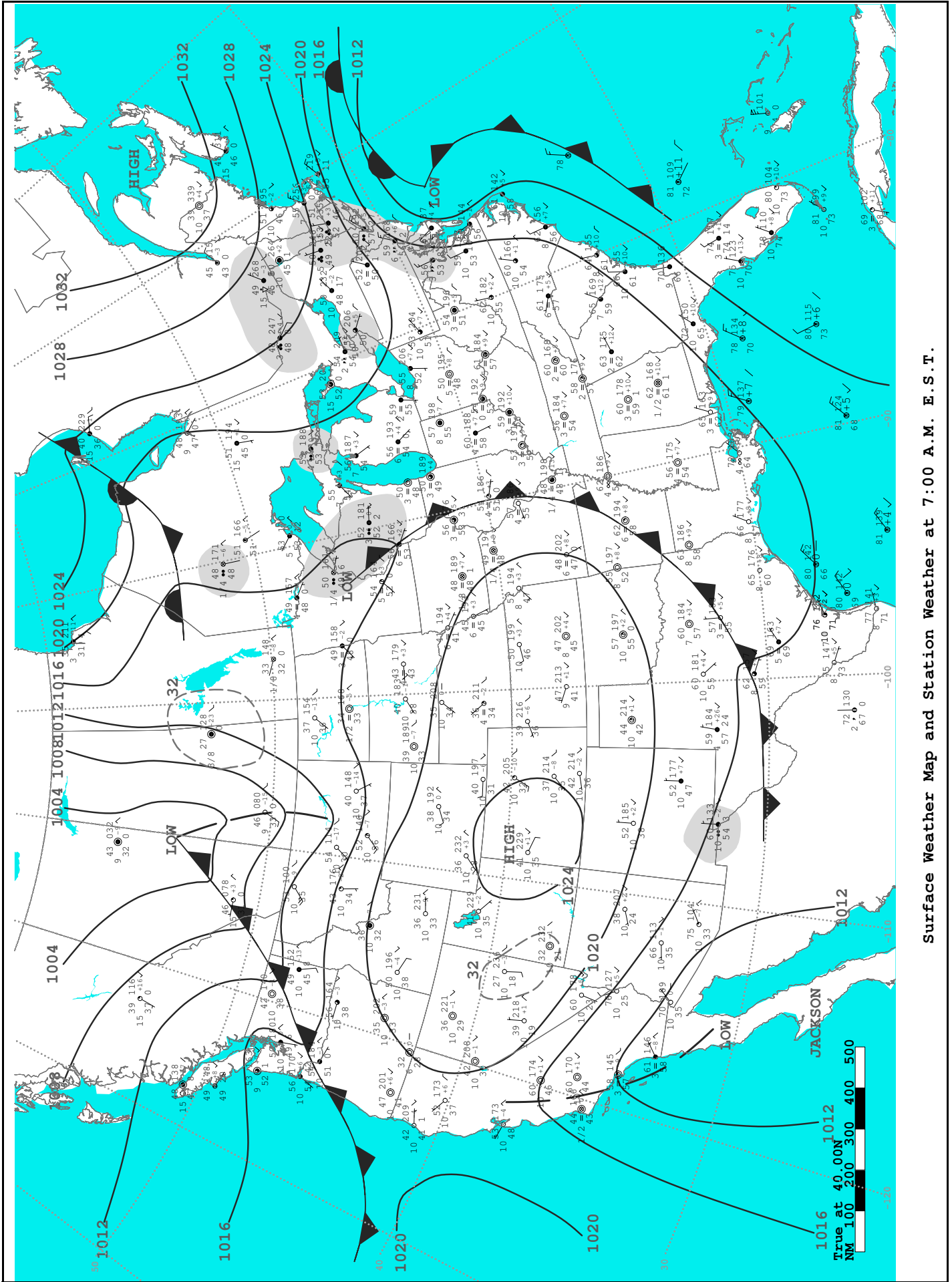


24-hour Precipitation Areas and Amounts Ending 7:00 A.M. E. S. T.

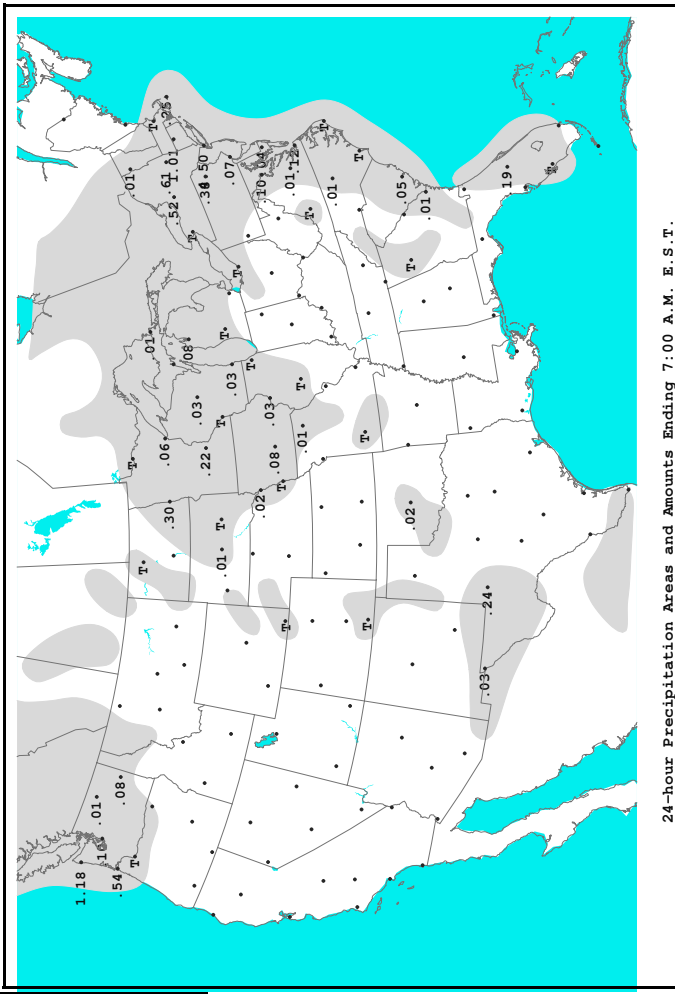
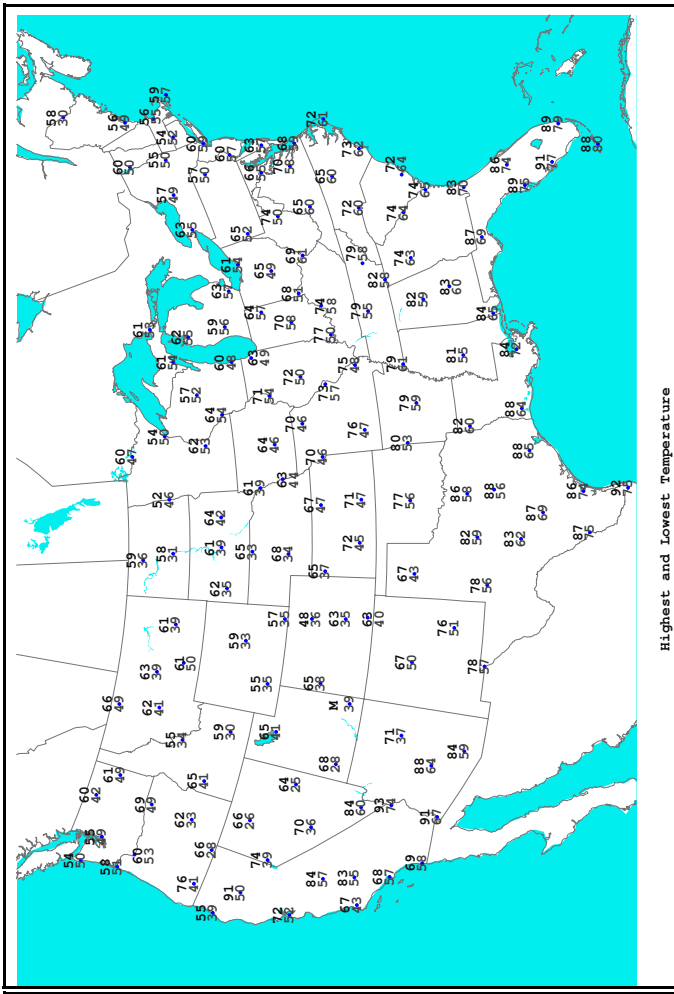
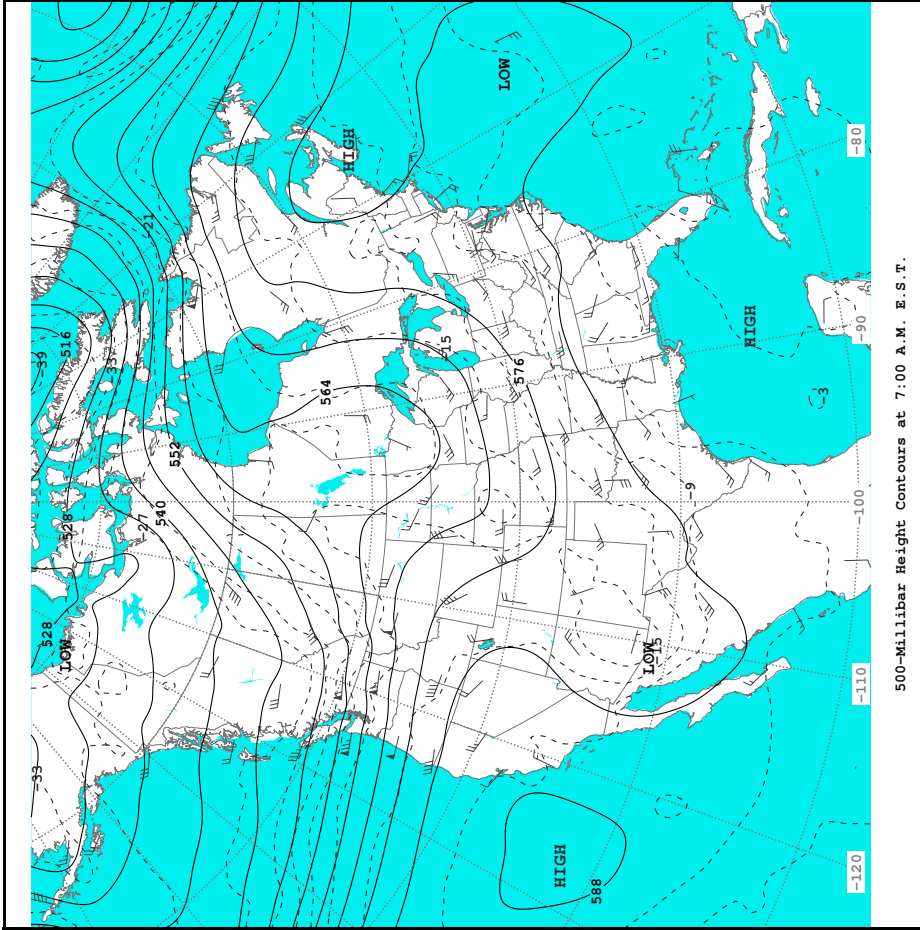
Wind Direction	Wind Speed	ft
Current Temperature (in °F)	Long Feather - 10 knots	PPP
Visibility (in miles)	Short Feather - 5 knots	
TT	3-Digit Surface Pressure (in tenths). Ex: 989 = 998.9mb, 012 = 1001.2mb	PP a
V	3 Hour Pressure Tendency (in tenths)	RR
WW	6 Hour Total Precipitation (in hundredths of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

Station Model

WEDNESDAY, OCTOBER 12, 2005



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**

Visibility (in miles): **V**

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

Present Weather Symbol: **●**

Dew Point Temperature: **TT**

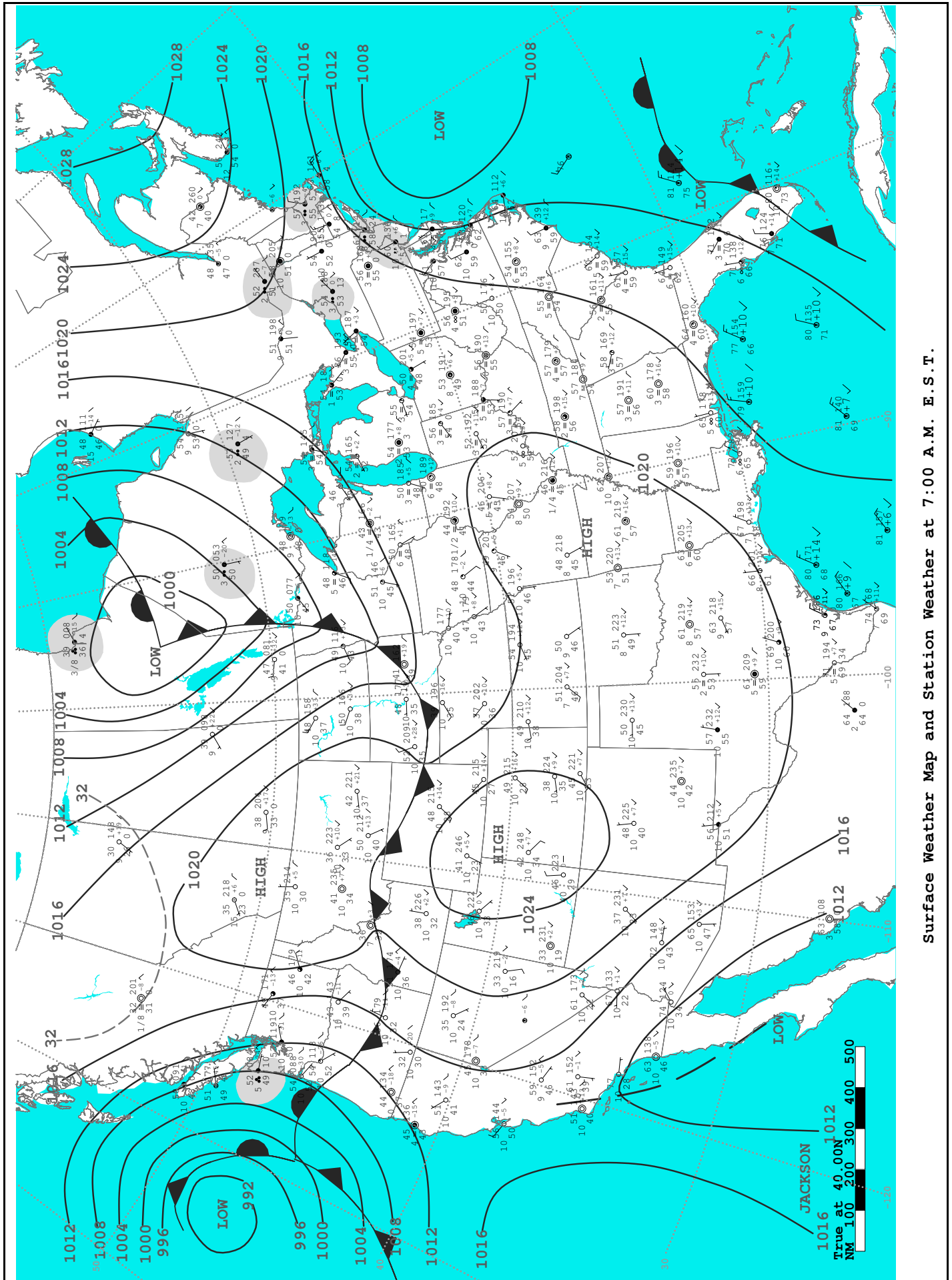
3 Hour Pressure Tendency (in tenths): **PP a**

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

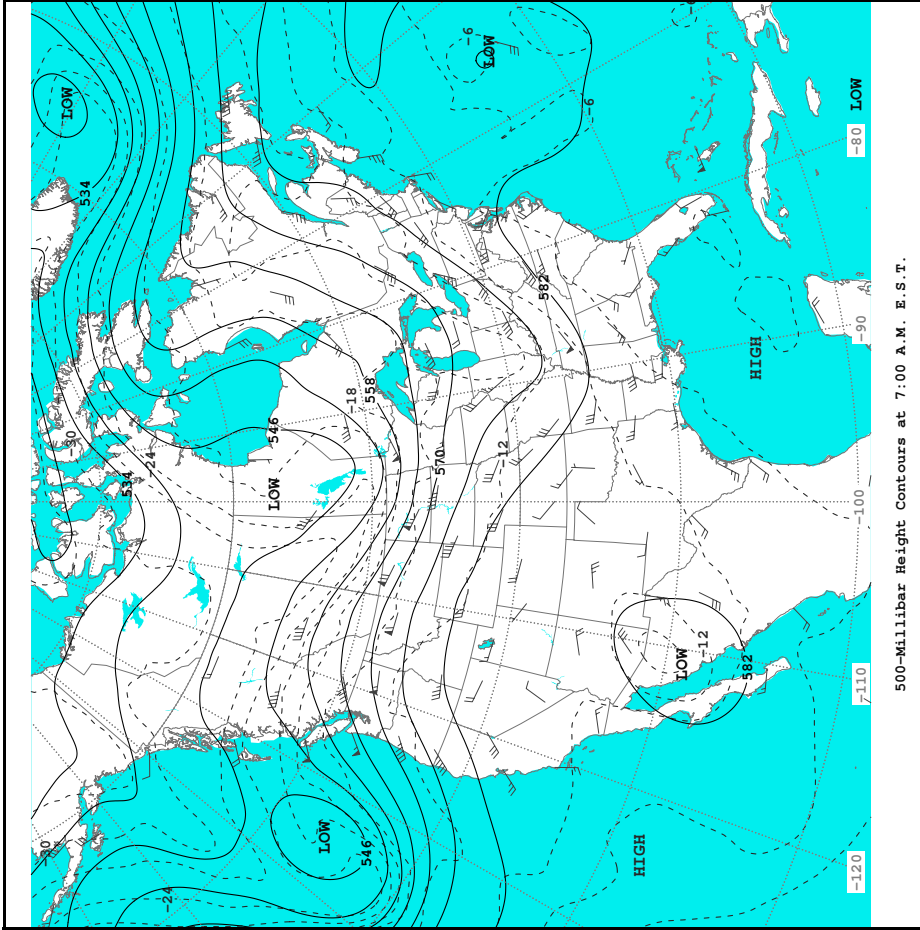
Sky Cover: **RR**

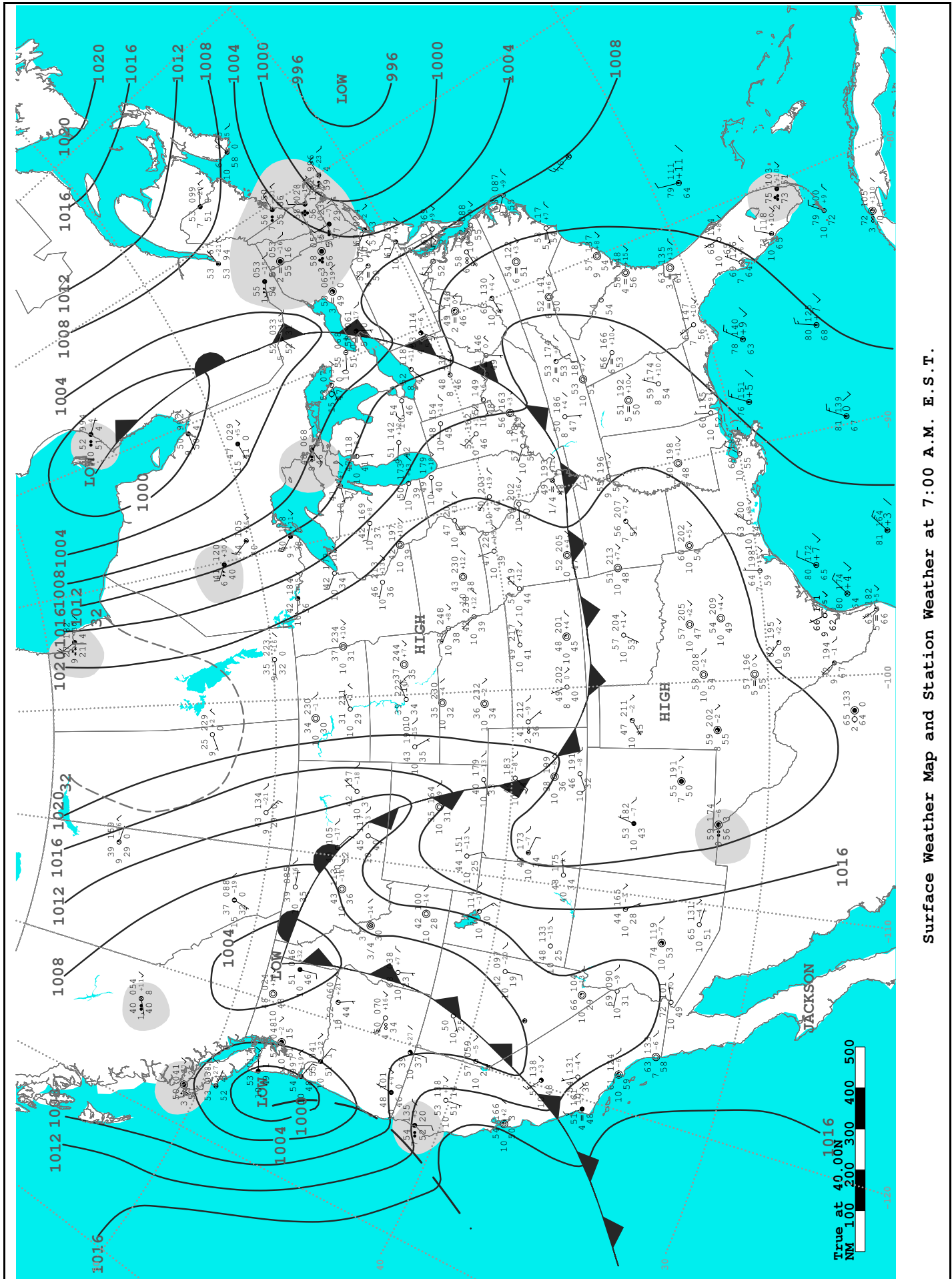
Examples: 989 = 998.9mb, 012 = 1001.2mb

THURSDAY, OCTOBER 13, 2005

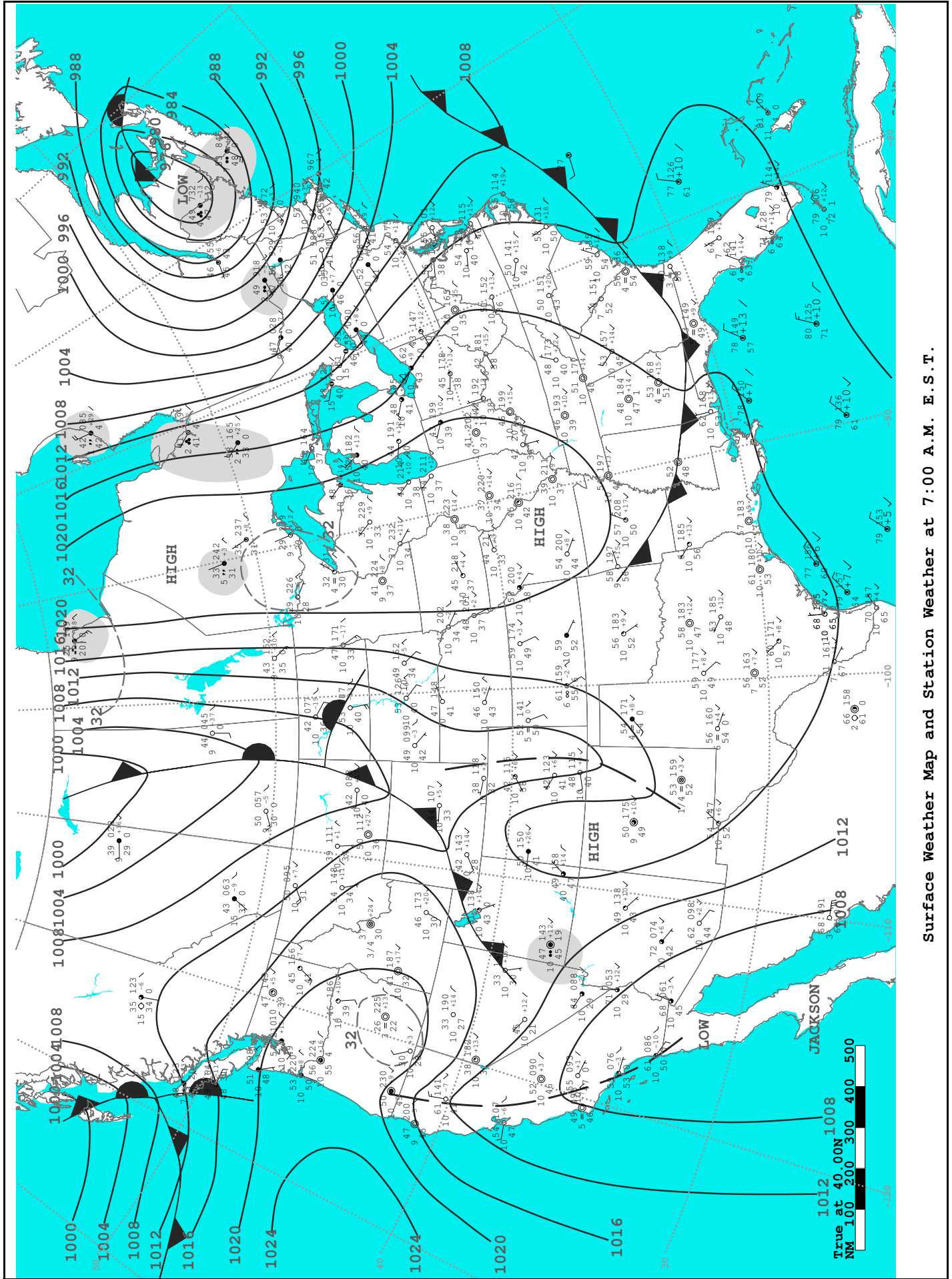


Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.

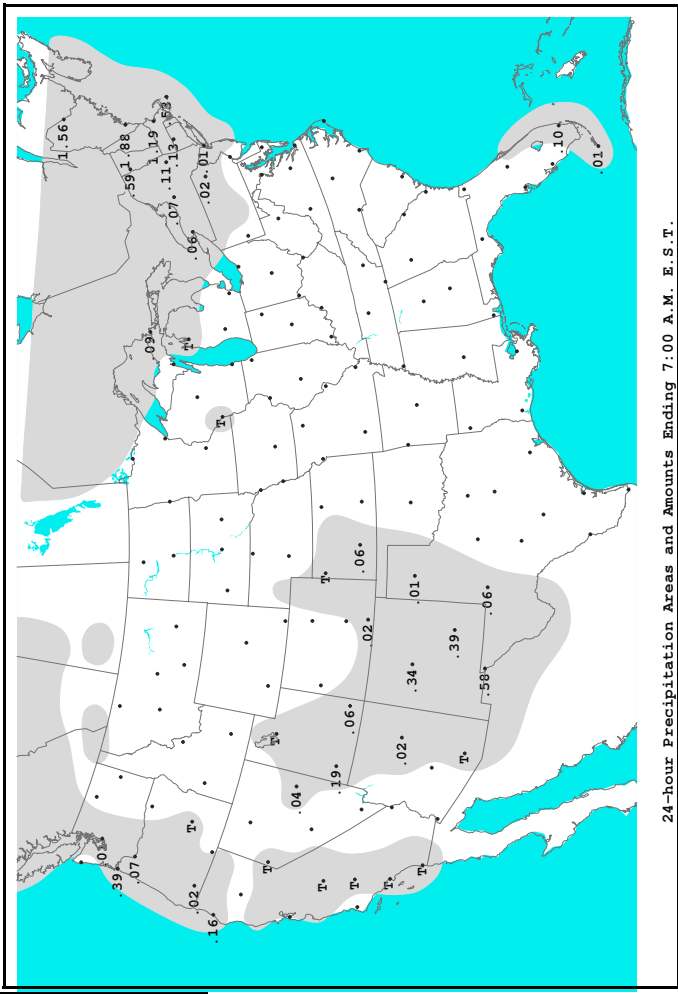
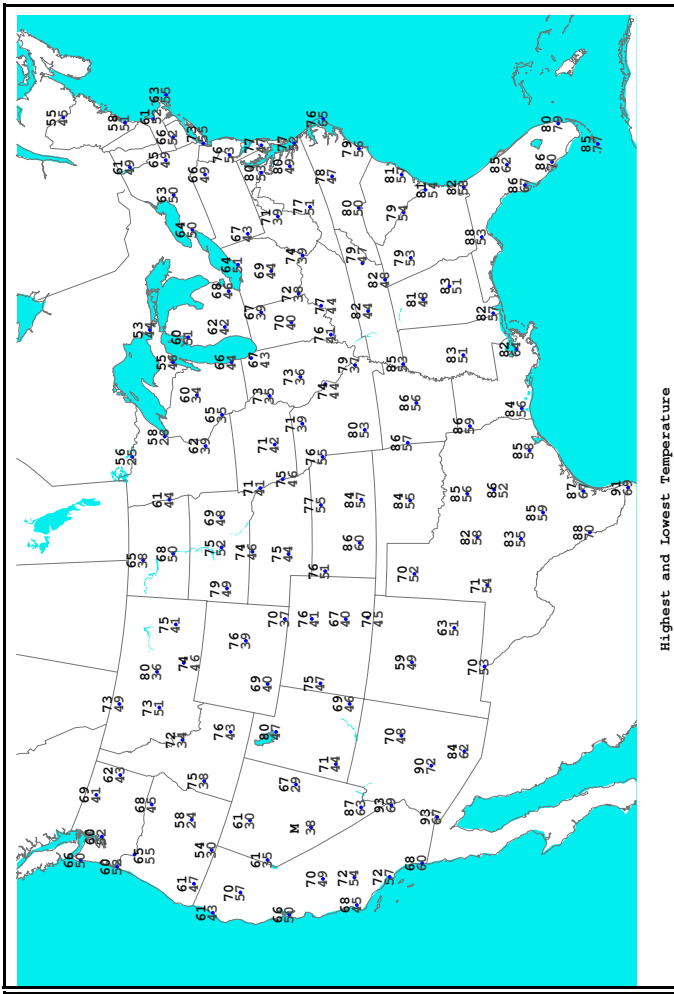
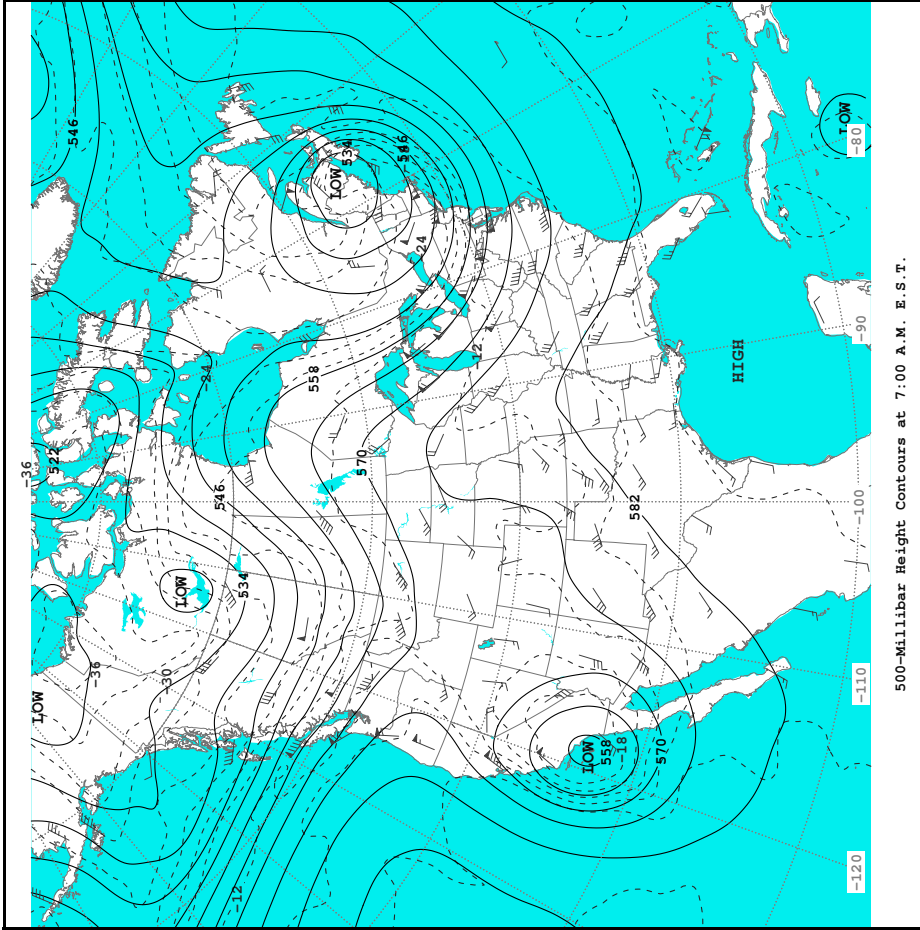




Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.



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



Station Model

The diagram illustrates the components of a station model and their corresponding data fields:

- Wind Direction:** Indicated by a line with a short feather (5 knots) and a long feather (10 knots).
- Current Temperature (in °F):** Represented by the number 'F'.
- Wind Speed:** Represented by the number '5' (Short Feather) and '10' (Long Feather).
- Visibility (in miles):** Represented by the number '3'.
- 3-Digit Surface Pressure (in tenths):** Represented by the number '989'.
- Present Weather Symbol:** Represented by the symbol 'PP'.
- Dew Point Temperature:** Represented by the number '18'.
- 3 Hour Pressure Tendency (in tenths):** Represented by the number '012'.
- 6 Hour Total Precipitation (in hundredths of an inch):** Represented by the number '01'.
- Sky Cover:** Represented by the number '1'.

SUNDAY, OCTOBER 16, 2005

