National Oceanic and Atmospheric Administration • National Weather Service
National Centers for Environmental Prediction • Hydrometeorological Prediction Center

Daily Weather Maps

DECEMBER 13, 2004 - DECEMBER 19, 2004

Week 51

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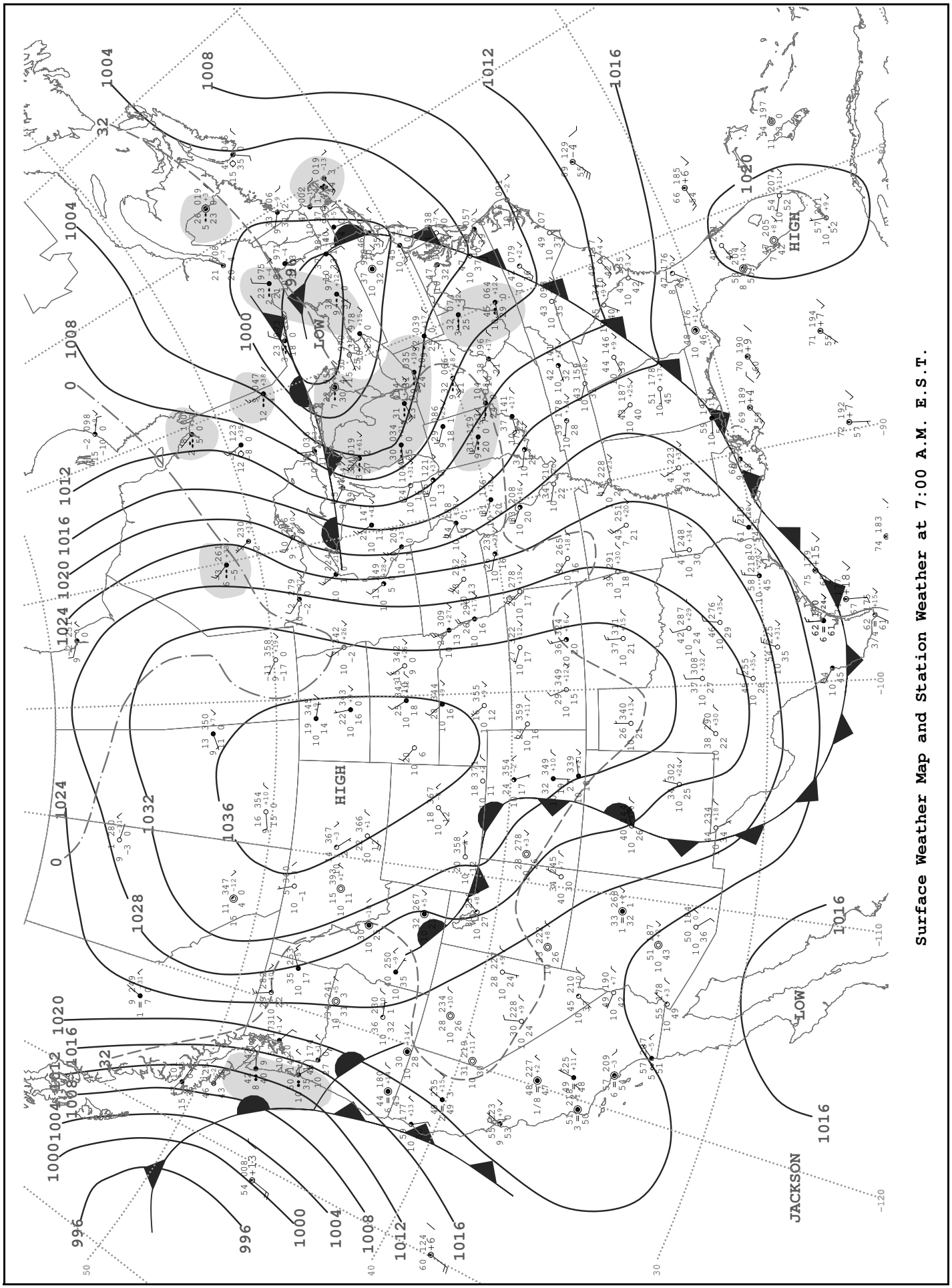
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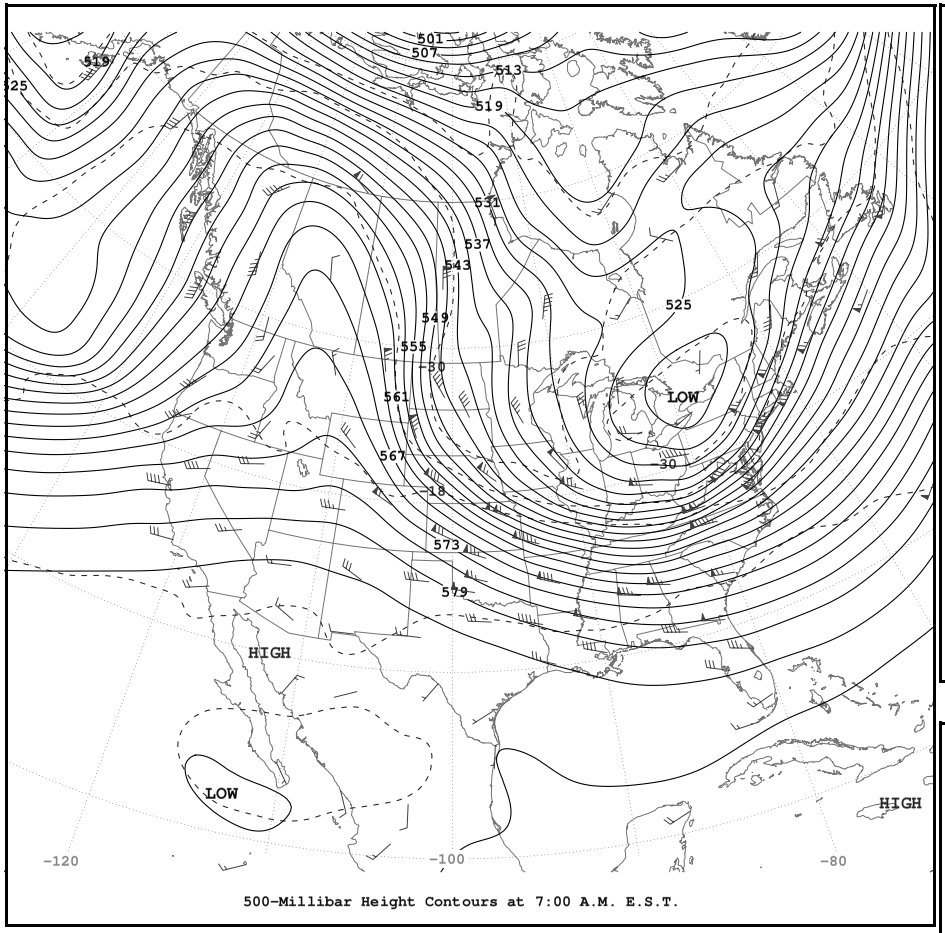
Correspondence to the meteorologists should be directed to: ***Daily Weather Map*, NOAA/National Weather Service, Room 410, 5200 Auth Rd, Camp Springs, MD 20746.**

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Camp Springs, MD 20746-4304

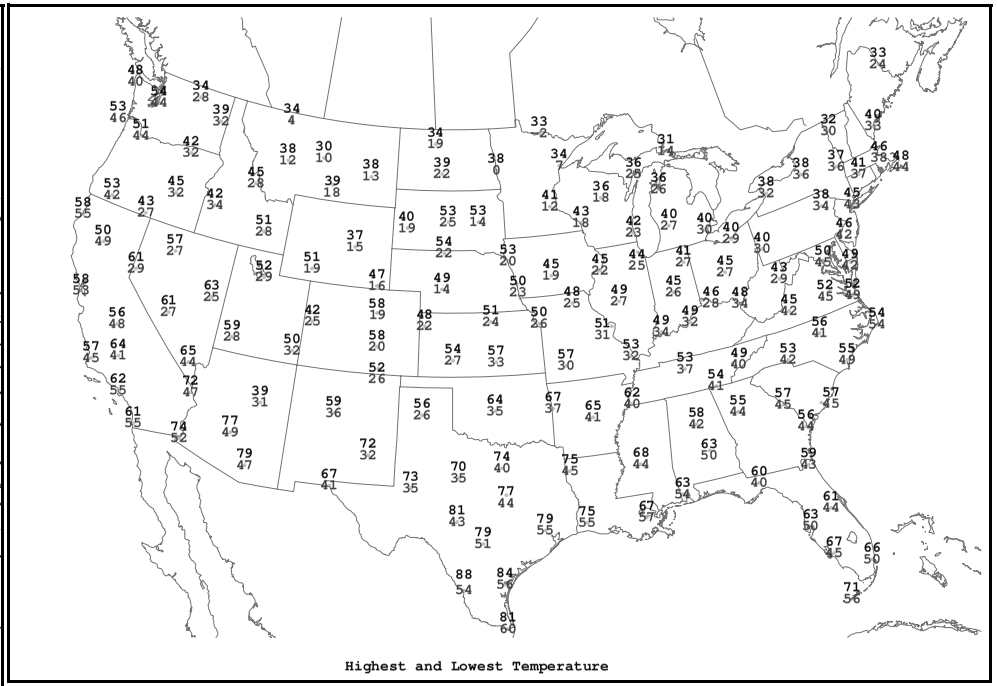
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MONDAY, DECEMBER 13, 2004

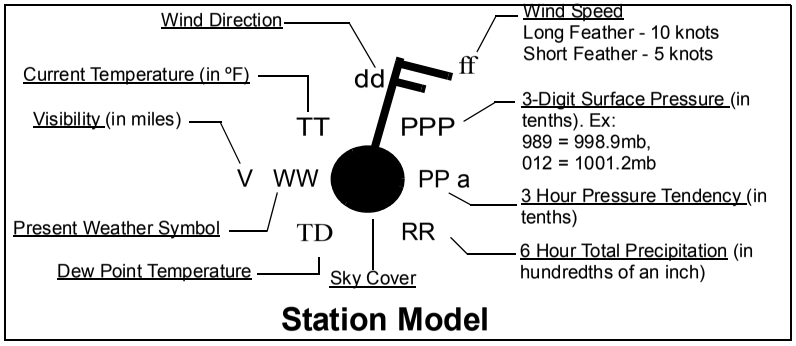




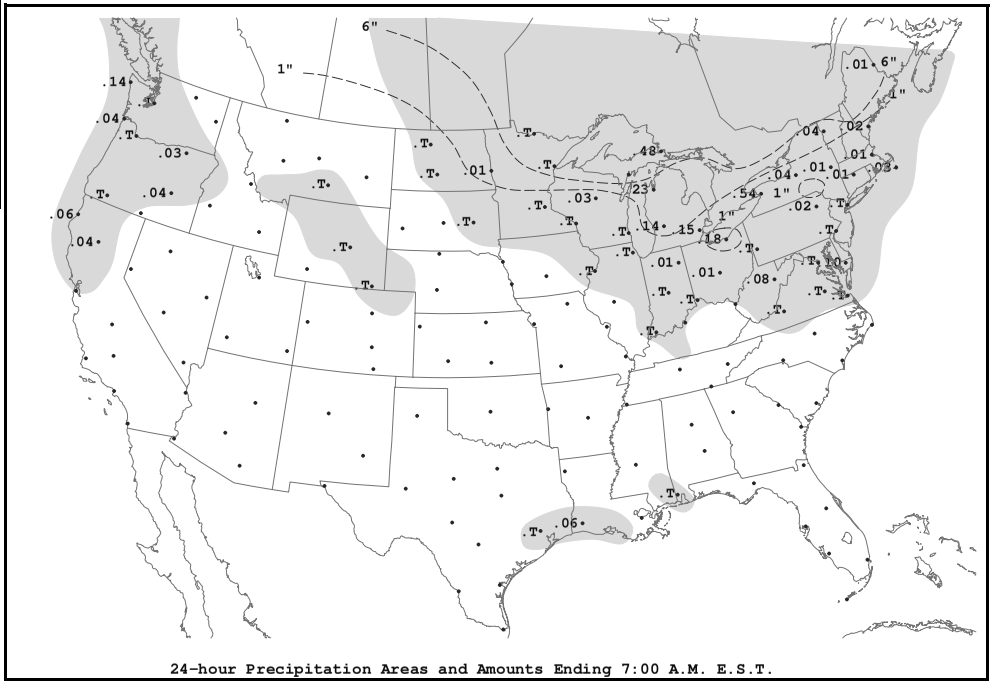
500-Millibar Height Contours at 7:00 A.M. E.S.T.



Highest and Lowest Temperature

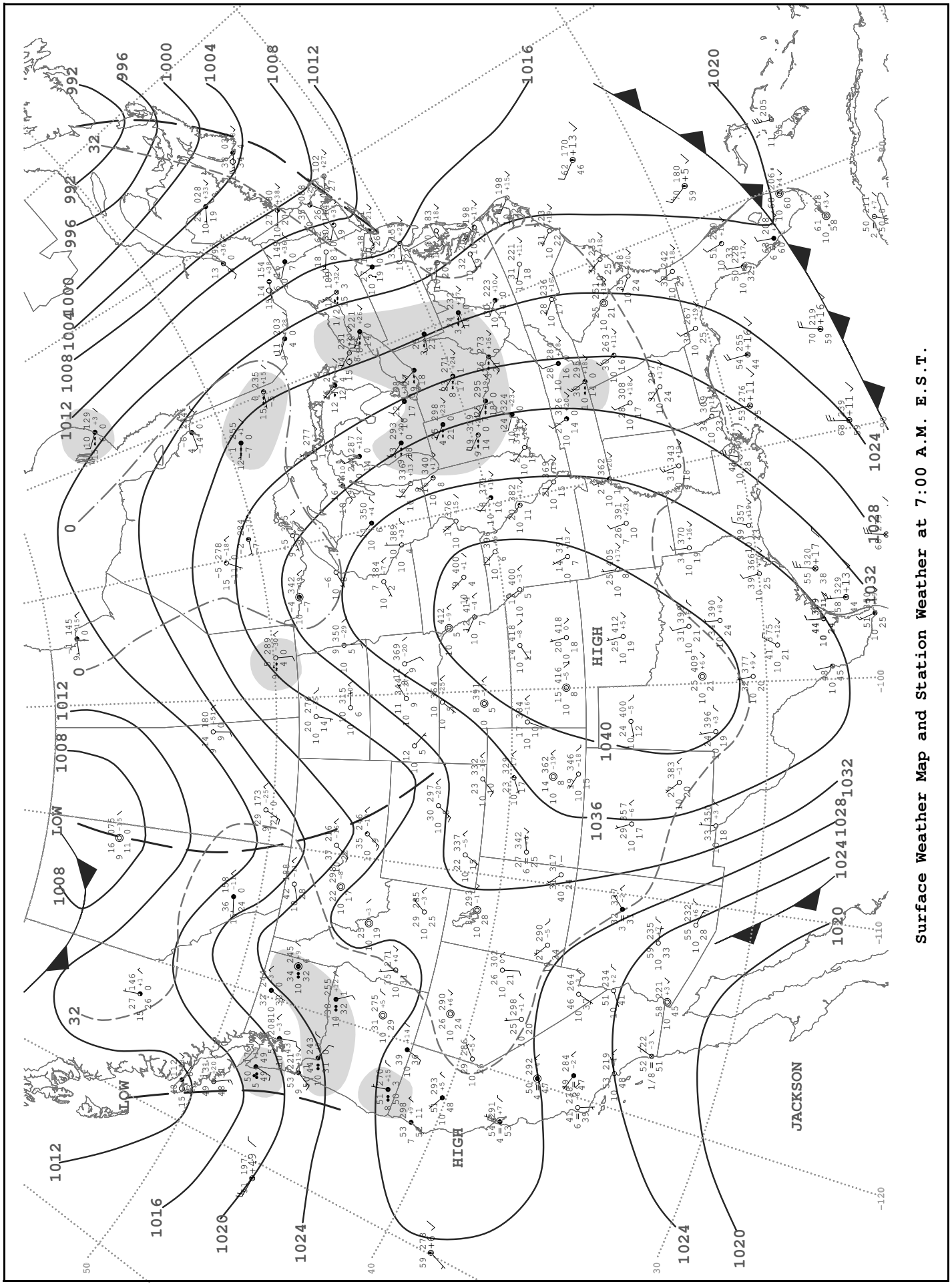


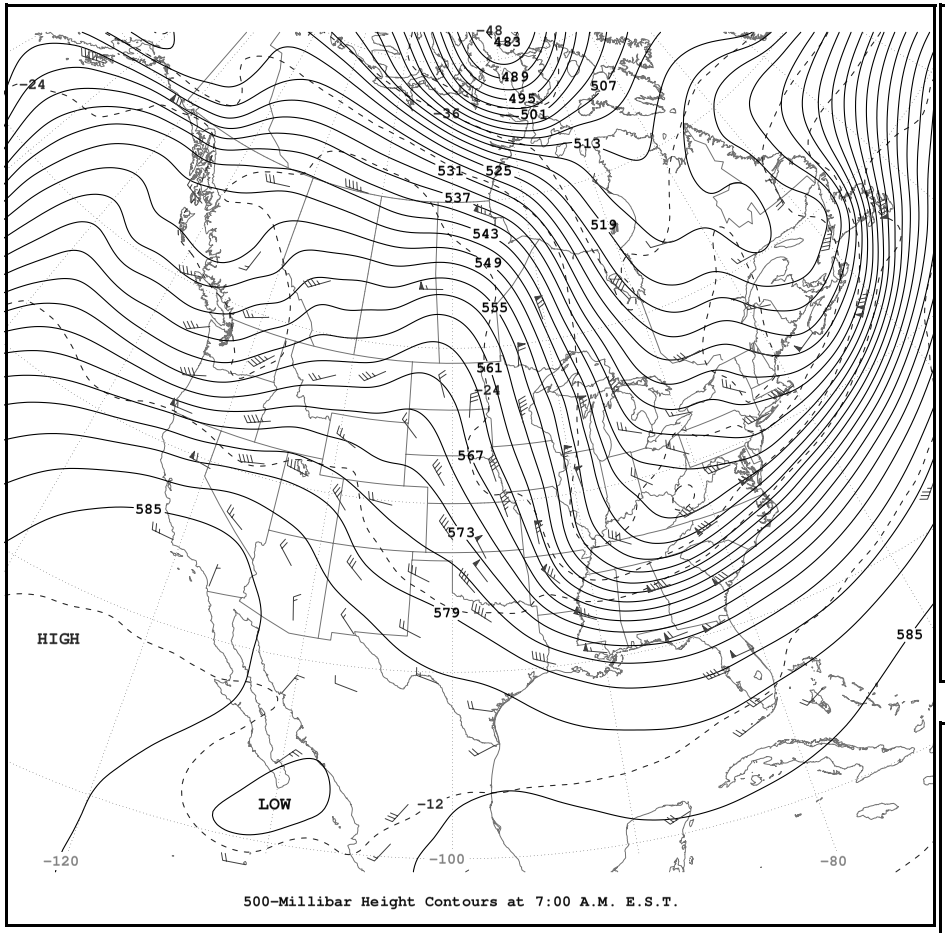
MONDAY, DECEMBER 13, 2004



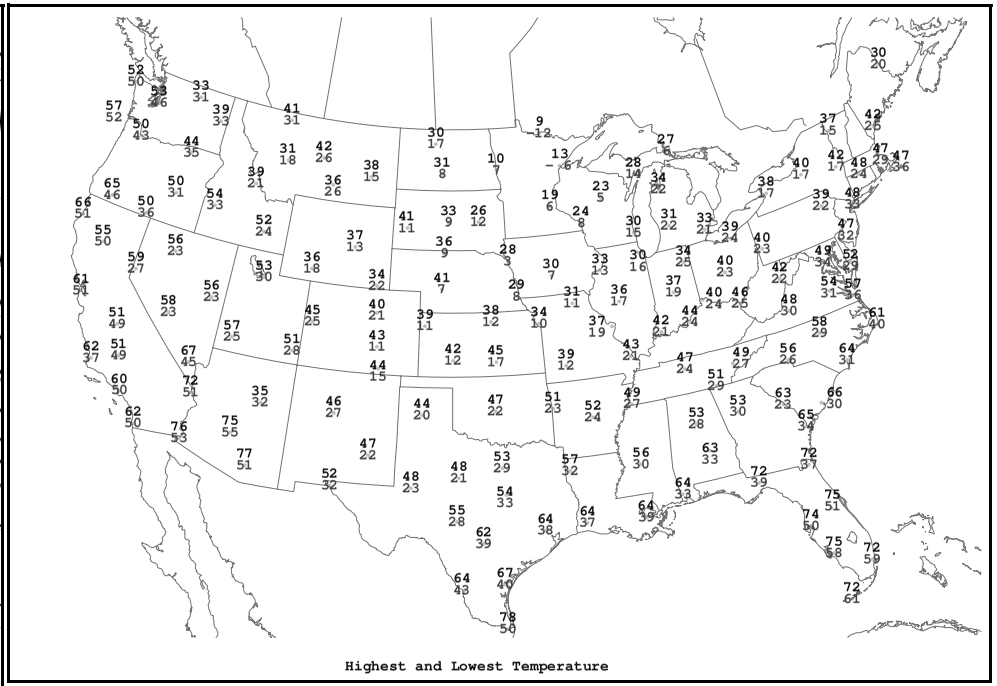
24-hour Precipitation Areas and Amounts Ending 7:00 A.M. E.S.T.

TUESDAY, DECEMBER 14, 2004

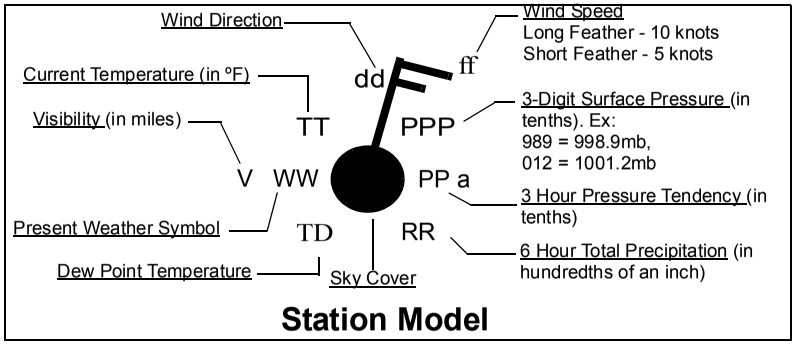




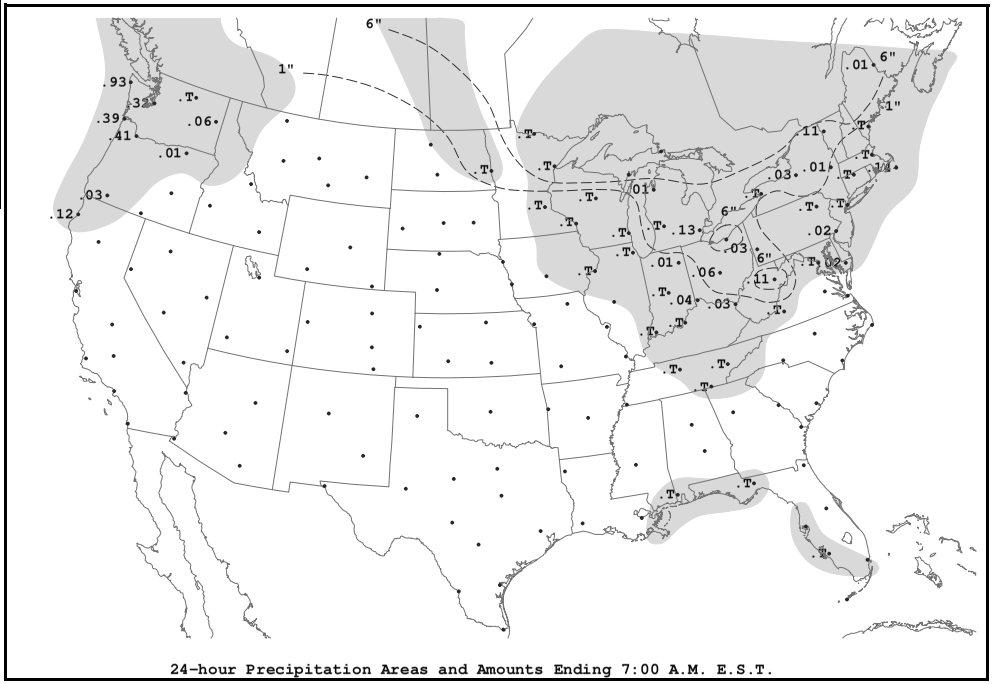
500-Millibar Height Contours at 7:00 A.M. E.S.T.



Highest and Lowest Temperature

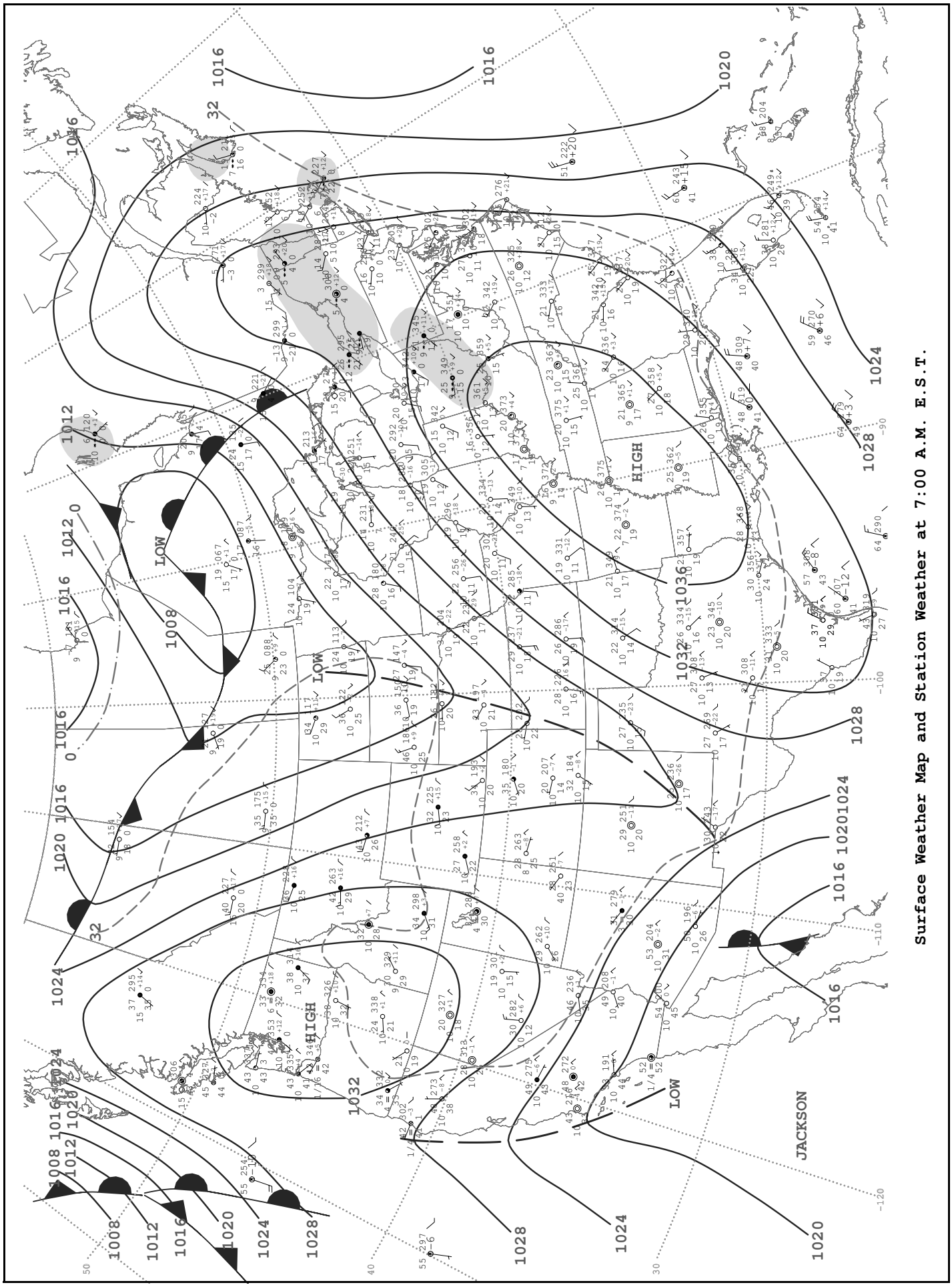


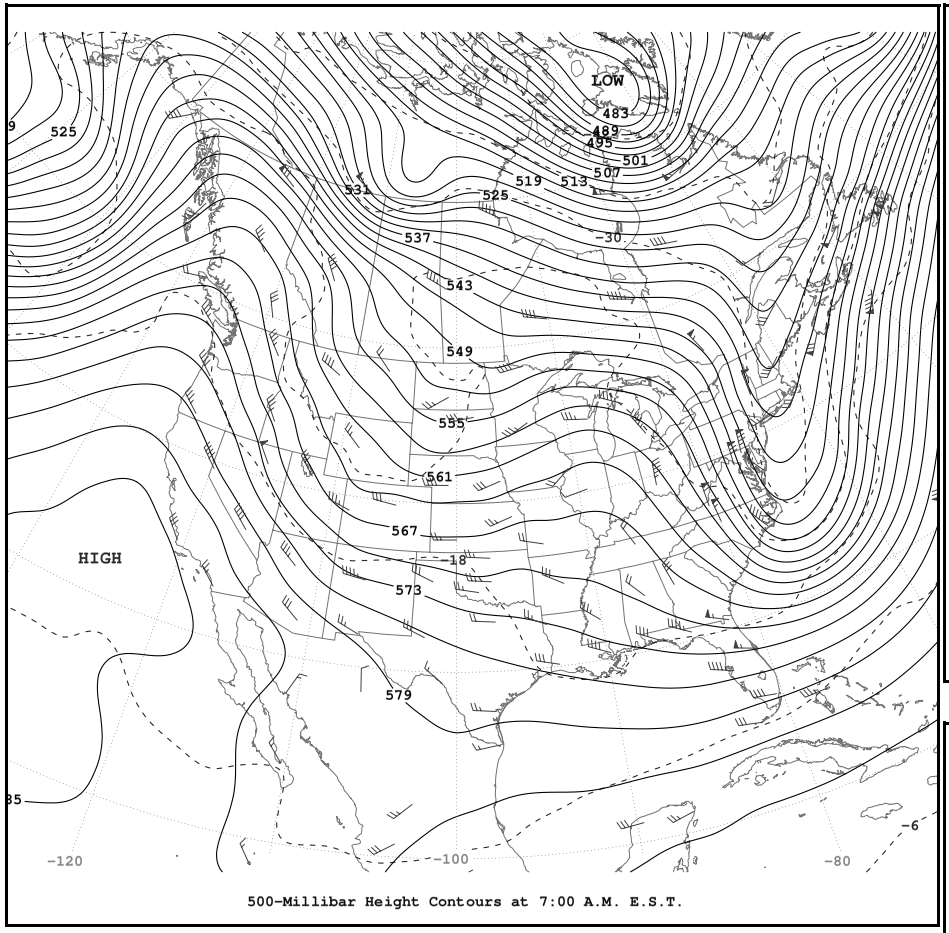
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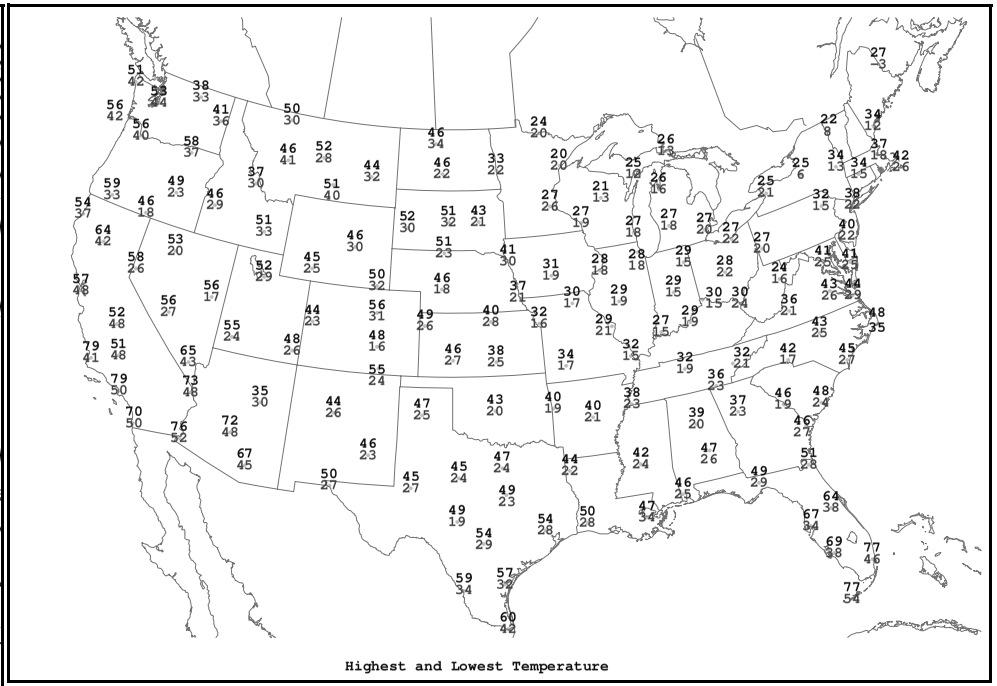
24-hour Precipitation Areas and Amounts Ending 7:00 A.M. E.S.T.

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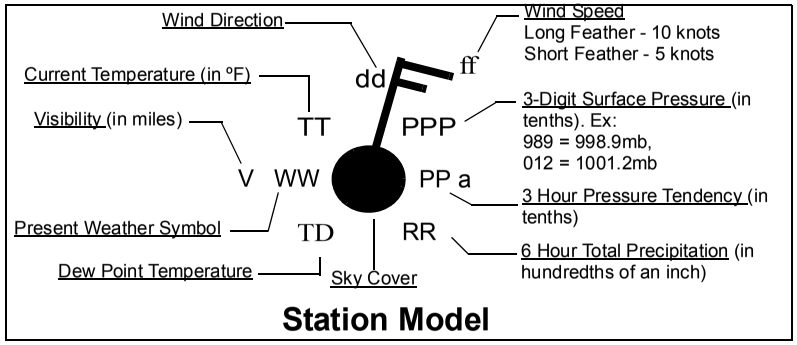




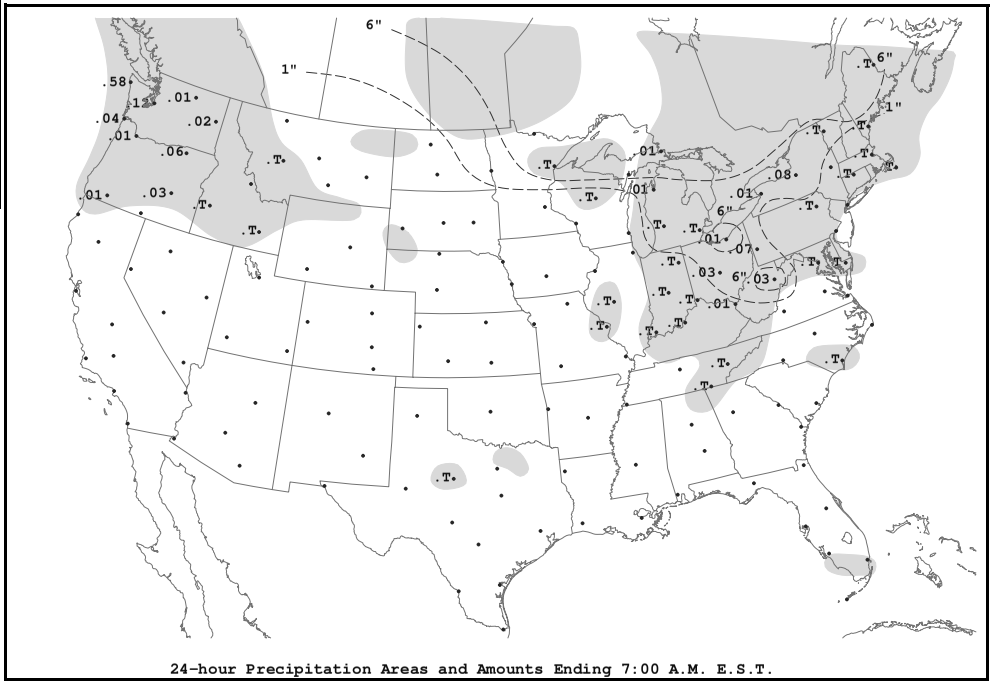
500-Millibar Height Contours at 7:00 A.M. E.S.T.



Highest and Lowest Temperature

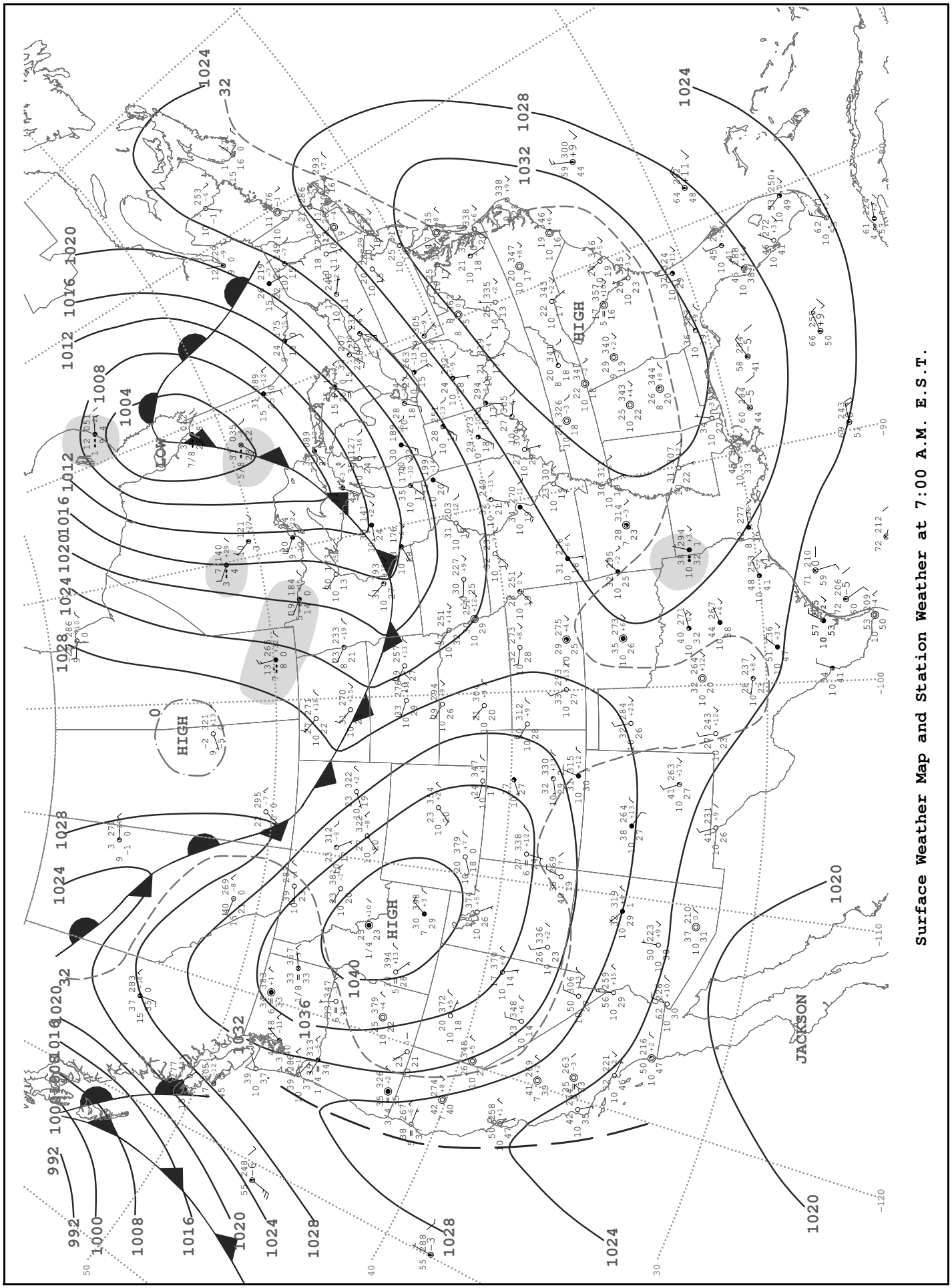


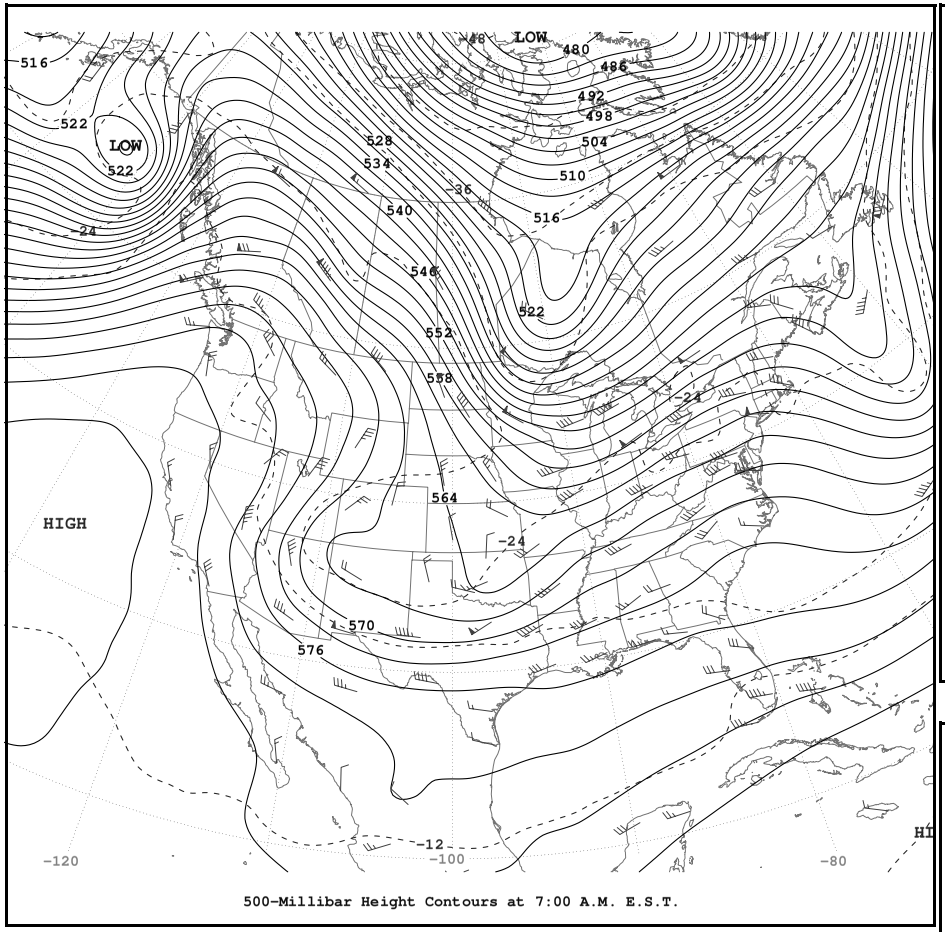
WEDNESDAY, DECEMBER 15, 2004



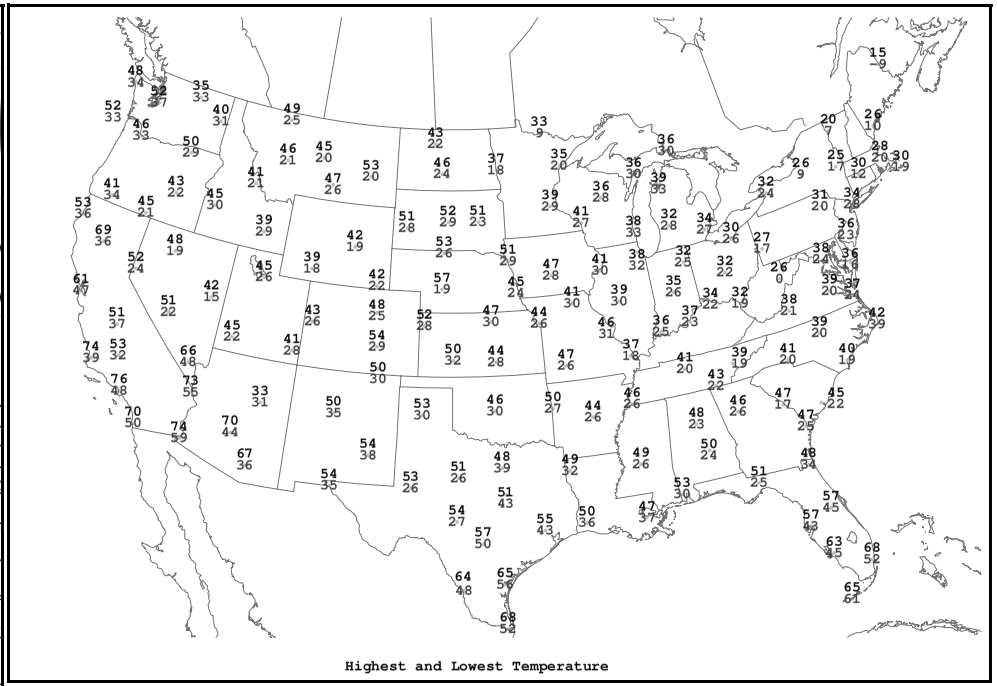
24-hour Precipitation Areas and Amounts Ending 7:00 A.M. E.S.T.

THURSDAY, DECEMBER 16, 2004

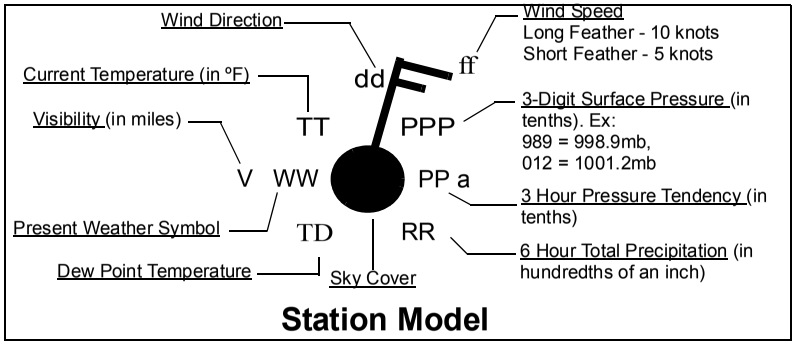




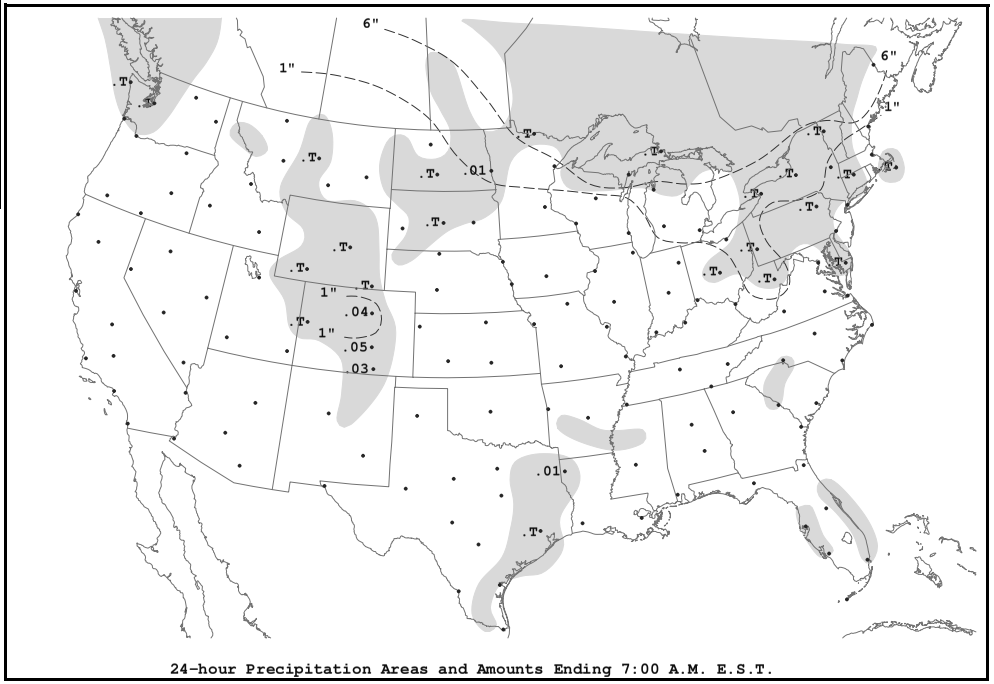
500-Millibar Height Contours at 7:00 A.M. E.S.T.



Highest and Lowest Temperature

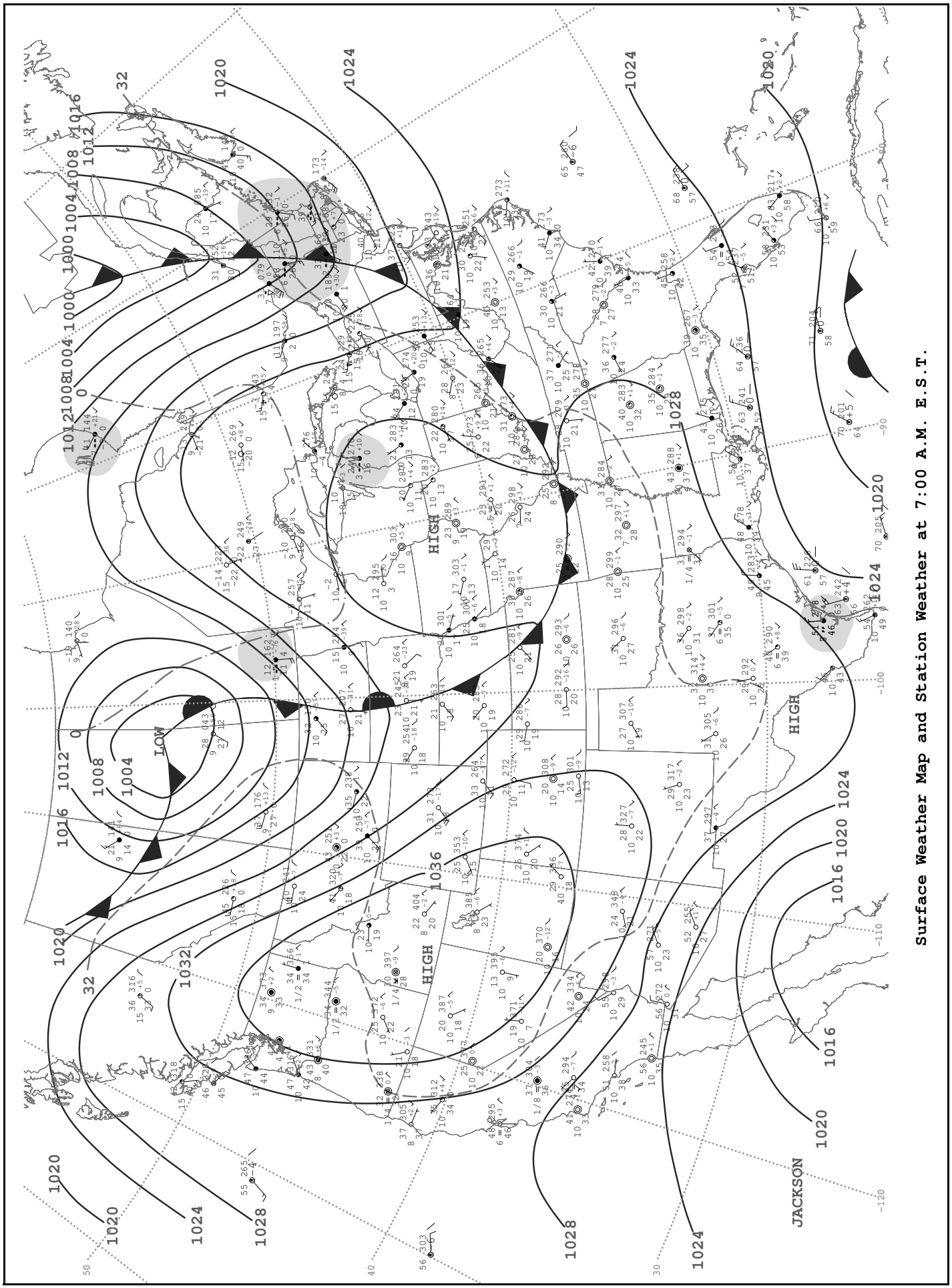


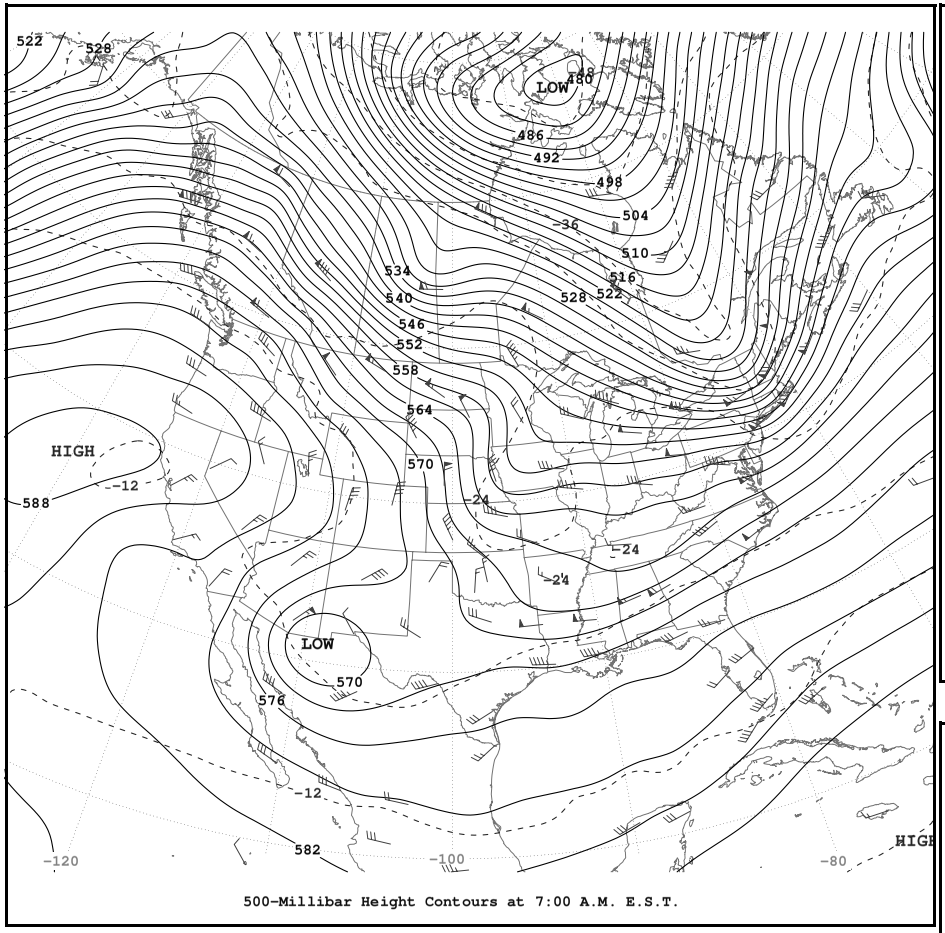
THURSDAY, DECEMBER 16, 2004



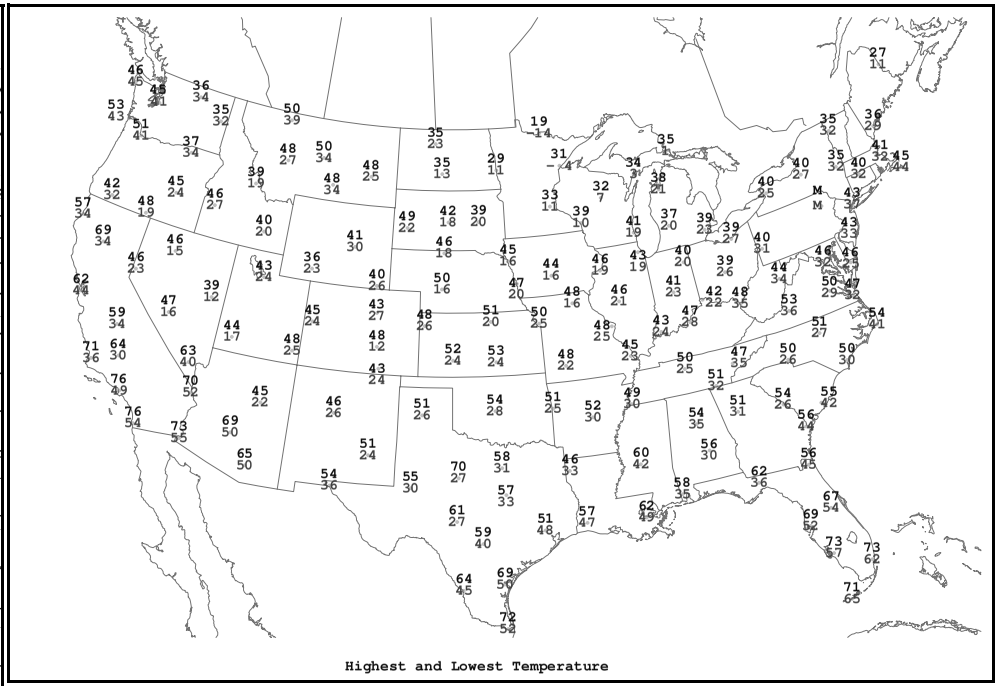
24-hour Precipitation Areas and Amounts Ending 7:00 A.M. E.S.T.

FRIDAY, DECEMBER 17, 2004

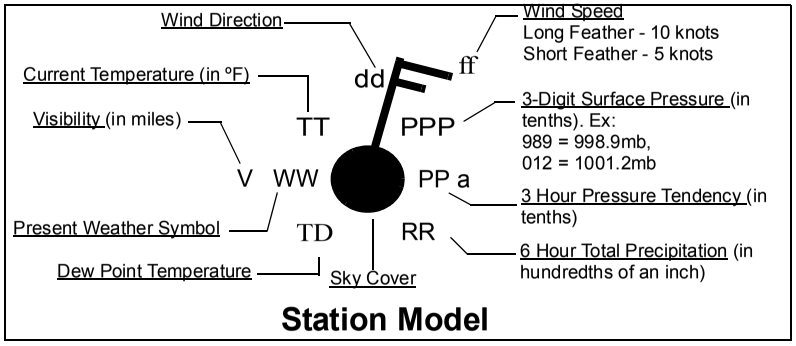




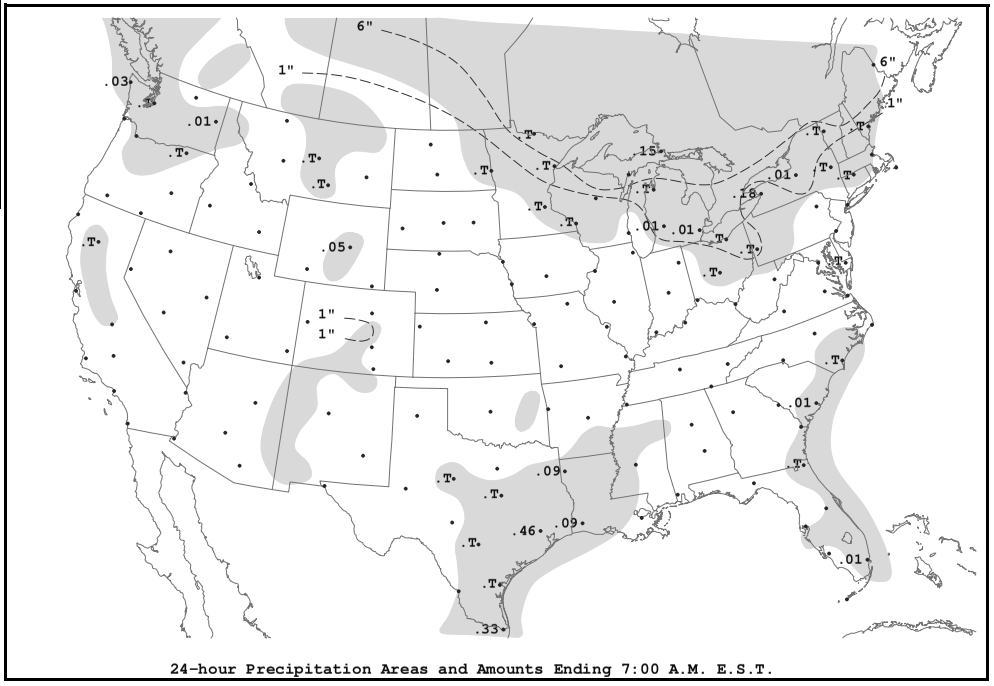
500-Millibar Height Contours at 7:00 A.M. E.S.T.



Highest and Lowest Temperature

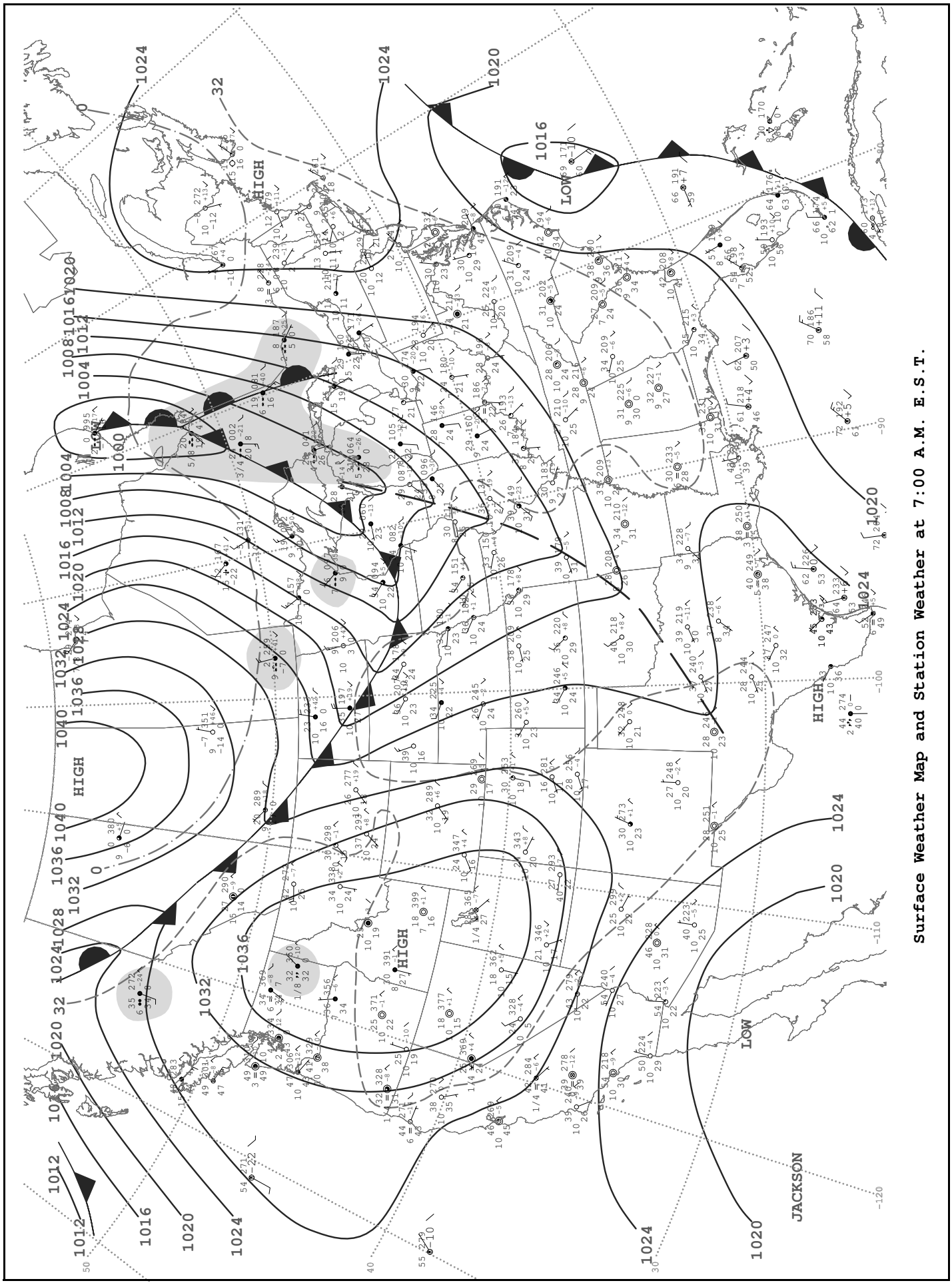


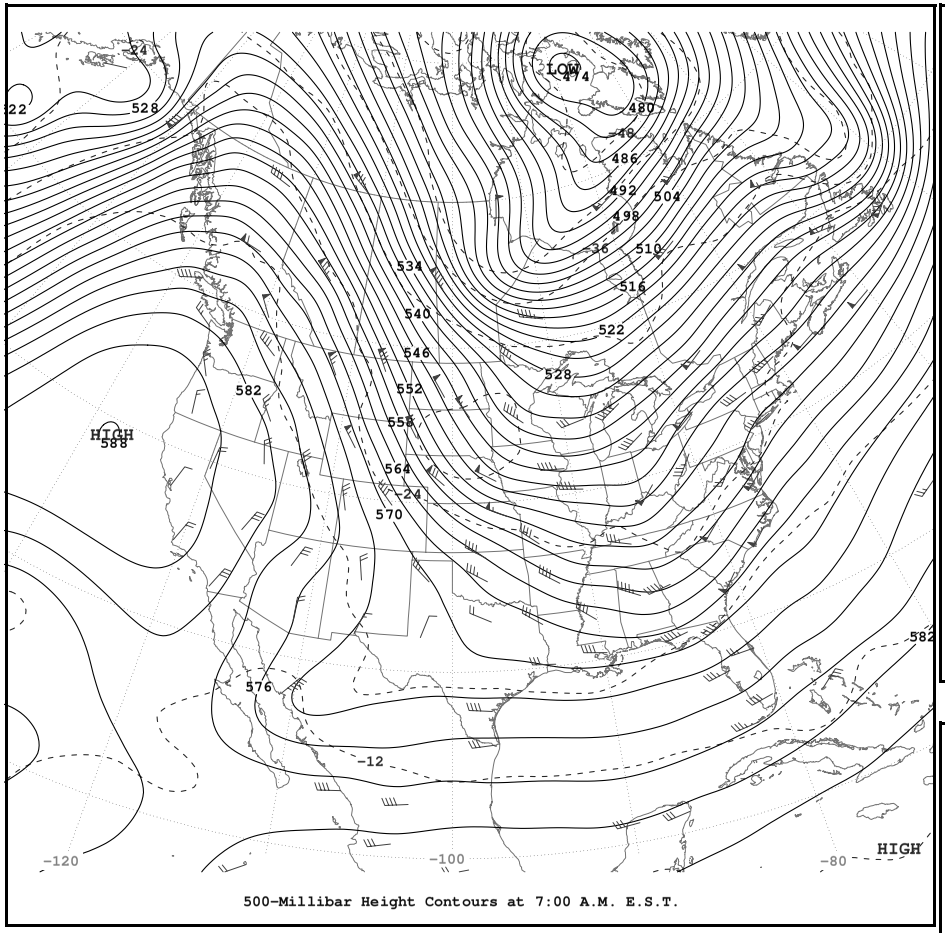
FRIDAY, DECEMBER 17, 2004



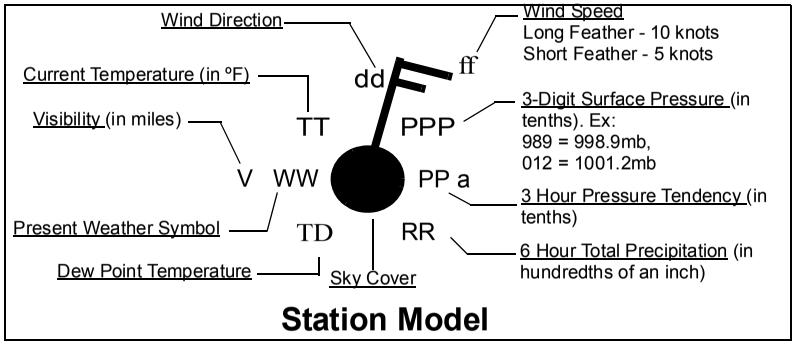
24-hour Precipitation Areas and Amounts Ending 7:00 A.M. E.S.T.

SATURDAY, DECEMBER 18, 2004



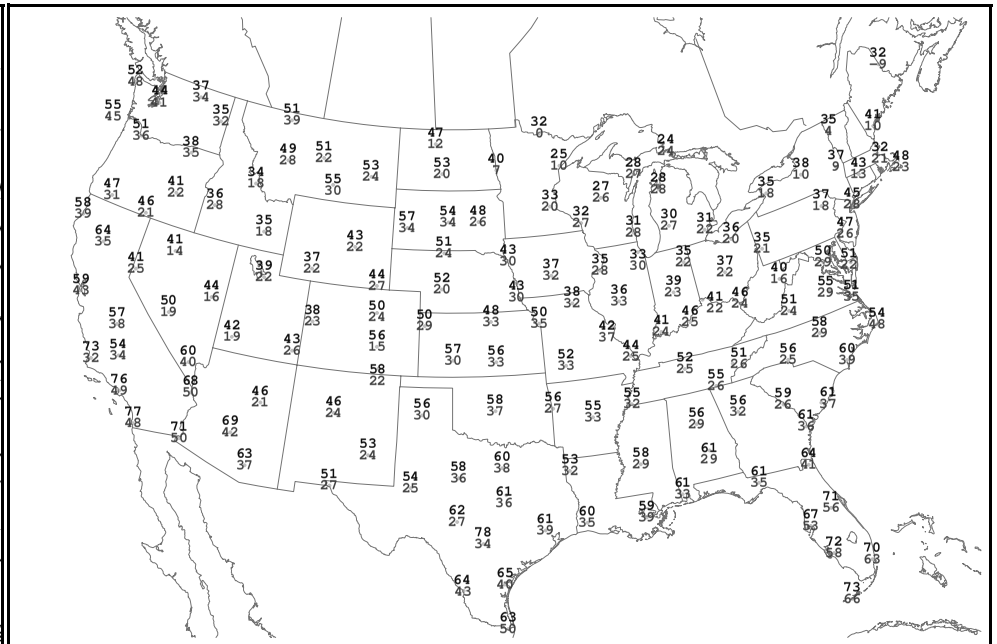


500-Millibar Height Contours at 7:00 A.M. E.S.T.

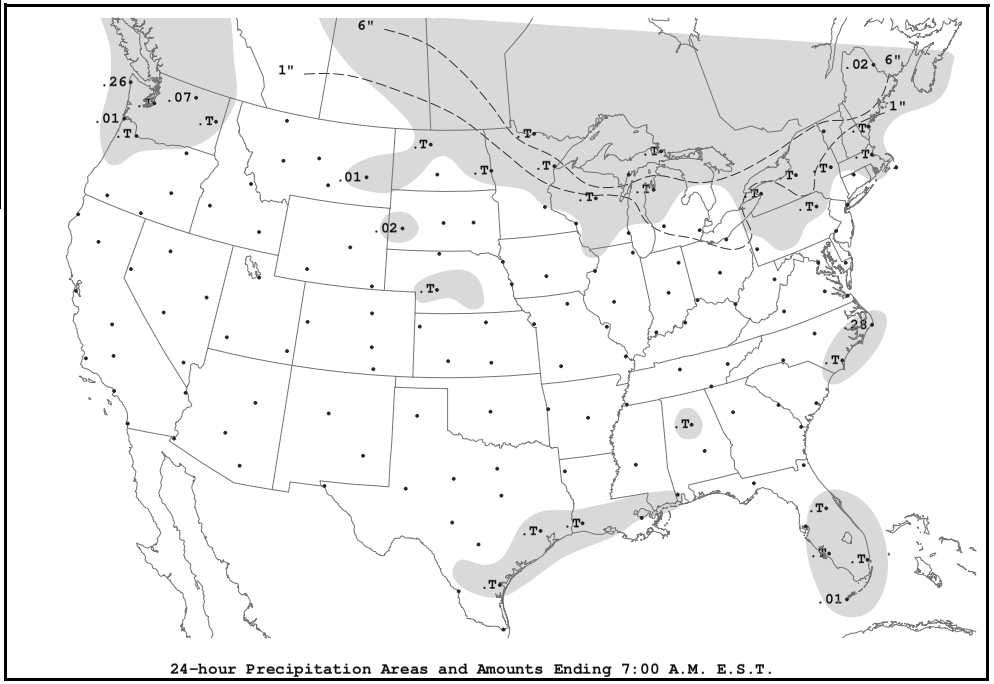


Station Model

SATURDAY, DECEMBER 18, 2004

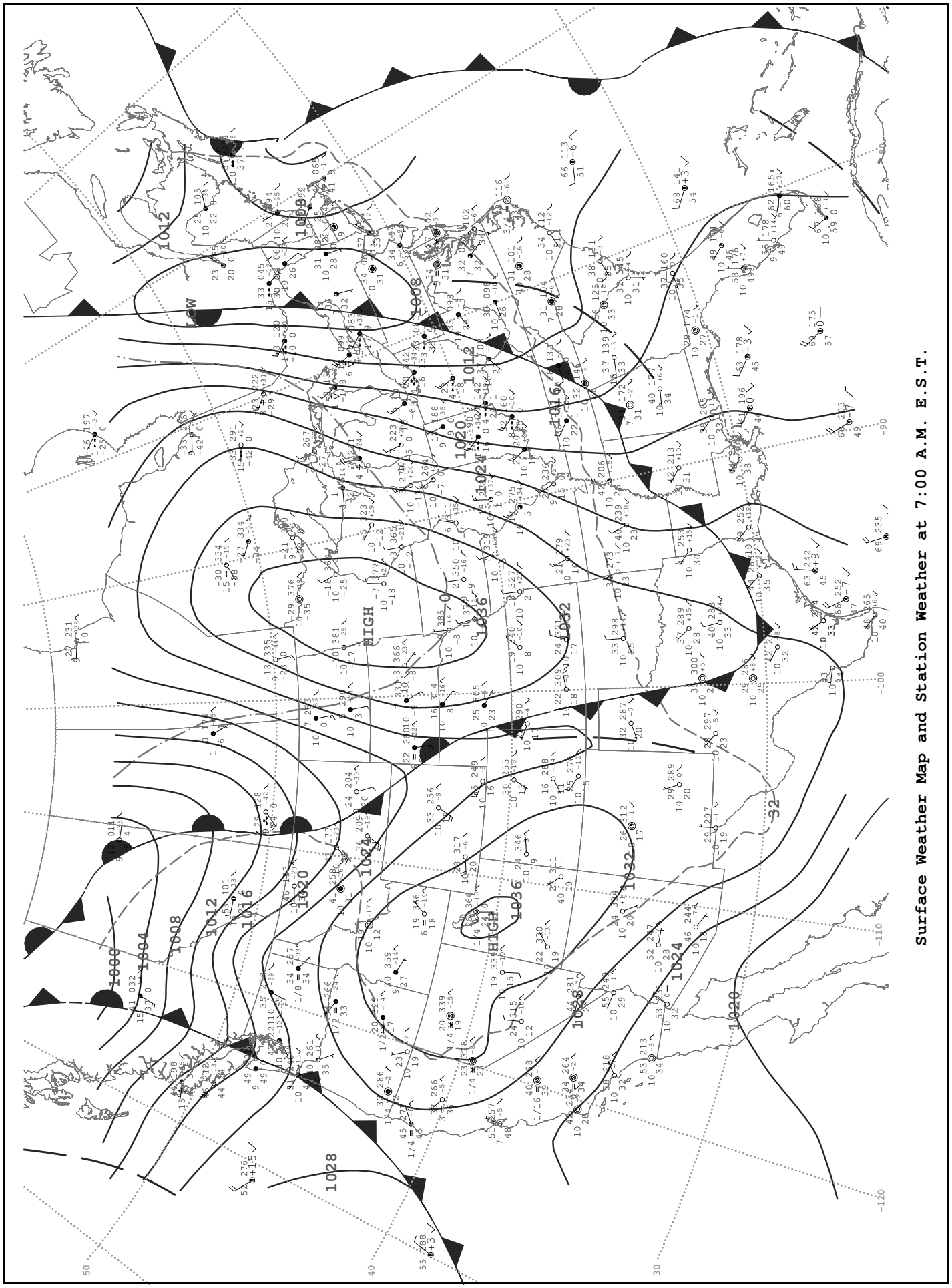


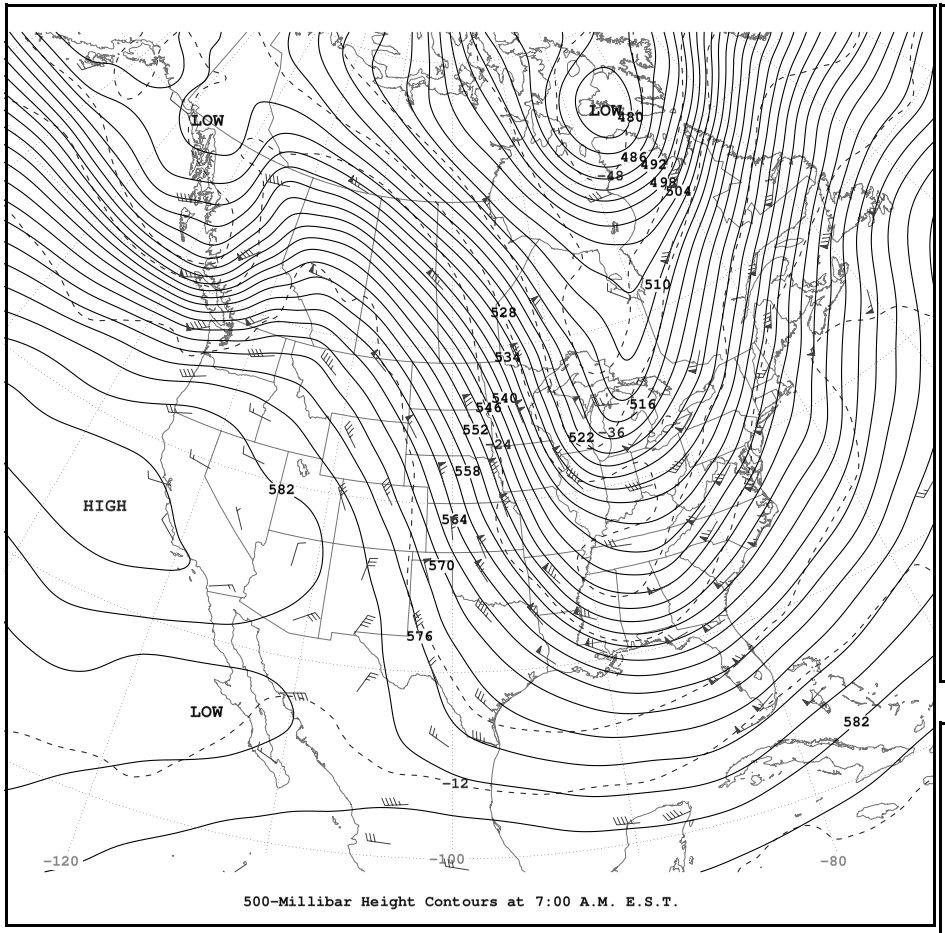
Highest and Lowest Temperature



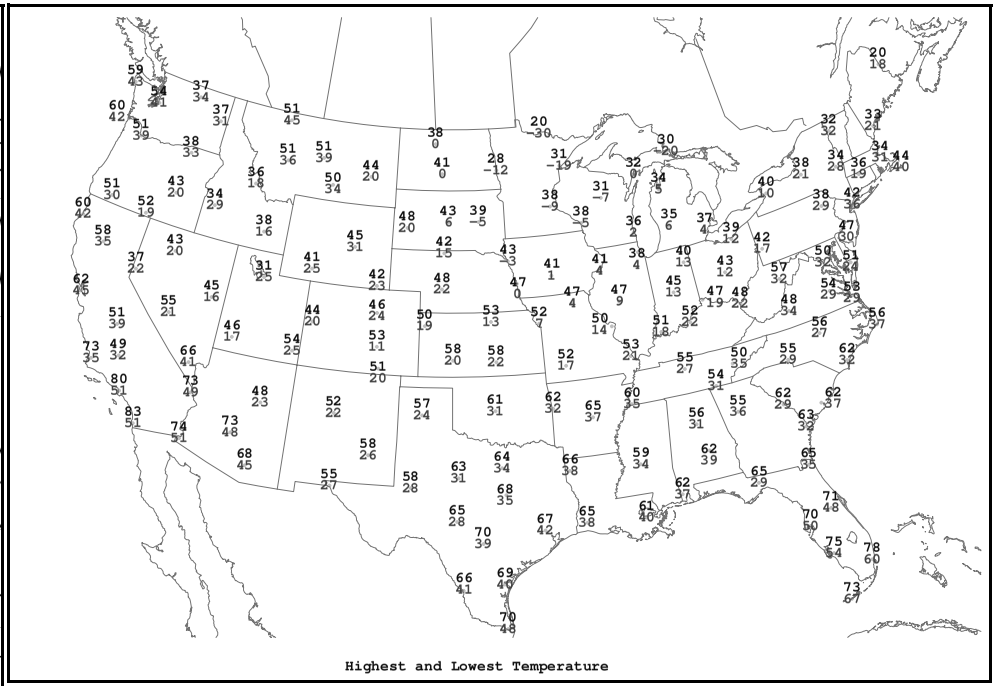
24-hour Precipitation Areas and Amounts Ending 7:00 A.M. E.S.T.

SUNDAY, DECEMBER 19, 2004

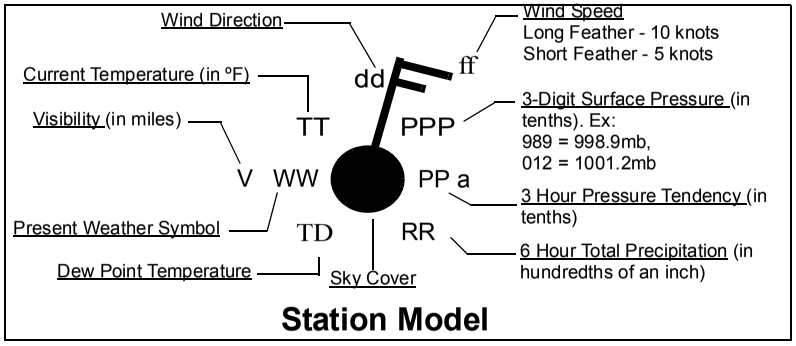




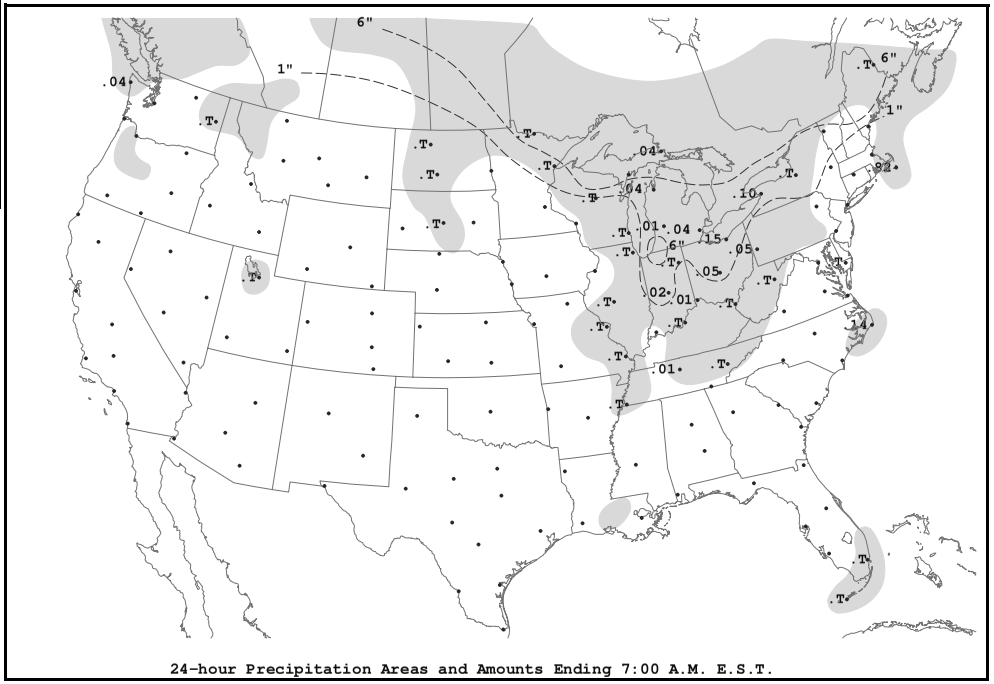
500-Millibar Height Contours at 7:00 A.M. E.S.T.



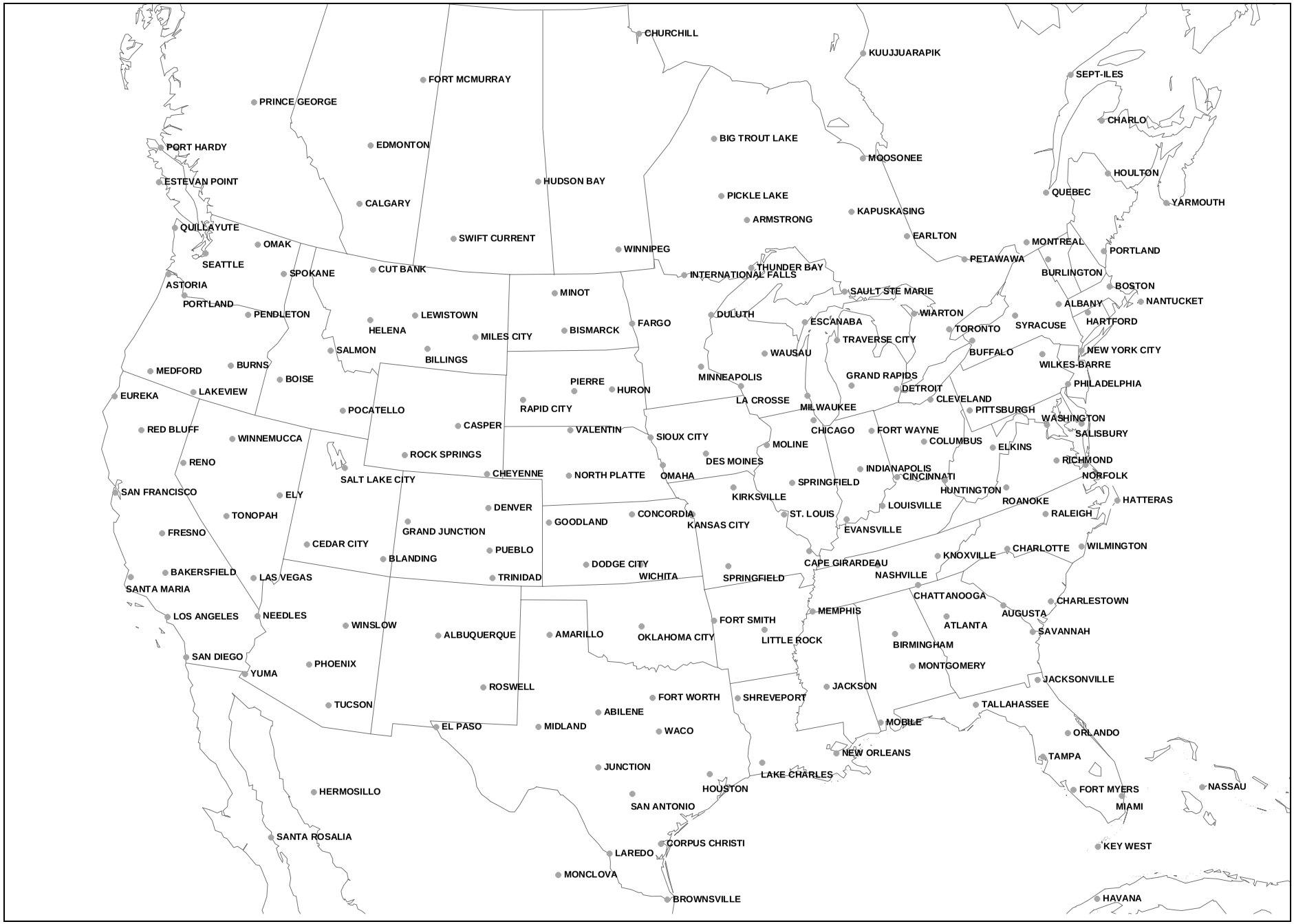
Highest and Lowest Temperature



SUNDAY, DECEMBER 19, 2004



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



Daily Weather Map Station Names and Locations