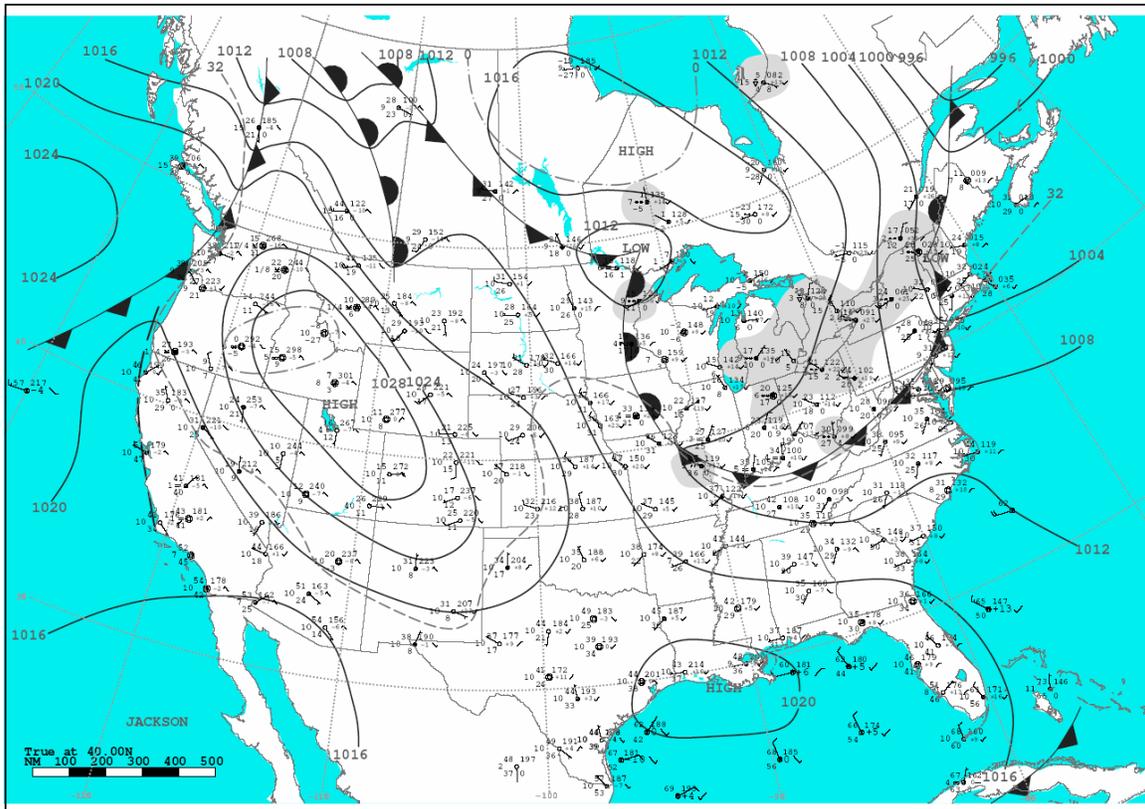


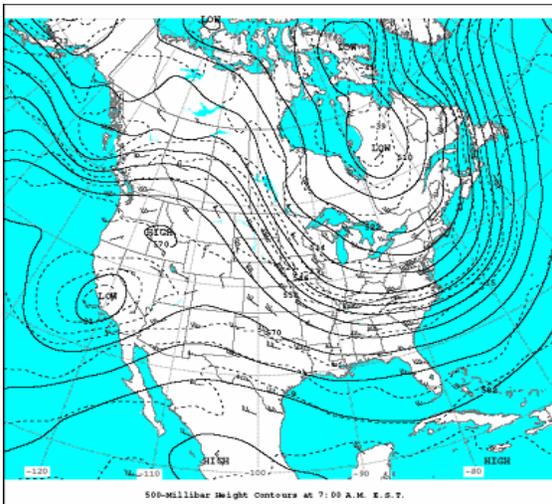
ATTACHMENT V
WEATHER MAPS

The following charts are derived from the former National Weather Service publication, "Daily Weather Map." Figures B1 to B4 show the weather charts for four days, two of which were selected as design days for PM-10 modeling. The charts presented include the Surface Weather Map, the 500-Millibar Height Contours, the Highest and Lowest Temperatures, and the Precipitation Areas and Amounts. 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 (Source: <http://www.hpc.ncep.noaa.gov/dailywxmap>).

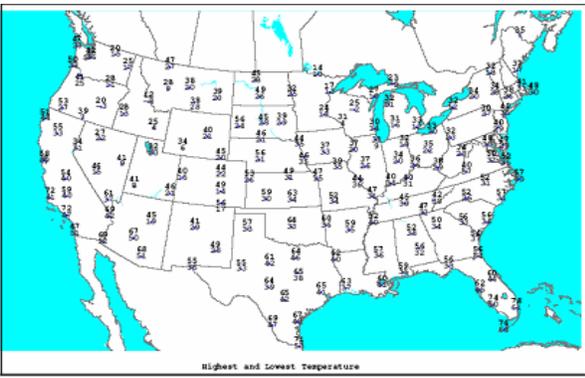
The 500-Millibar Height Contours chart shows height contours (solid lines), temperatures (dashed lines) and winds (arrows) at the 500-Millibar pressure level at 7:00 a.m. EST. The height contours show the height of the 500-millibar pressure level in dekameters above sea level and isotherms, the lines 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.



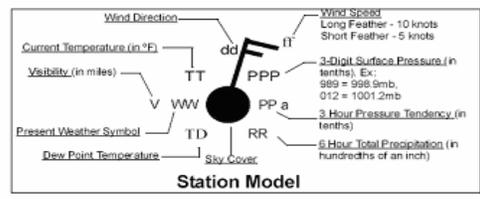
Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.



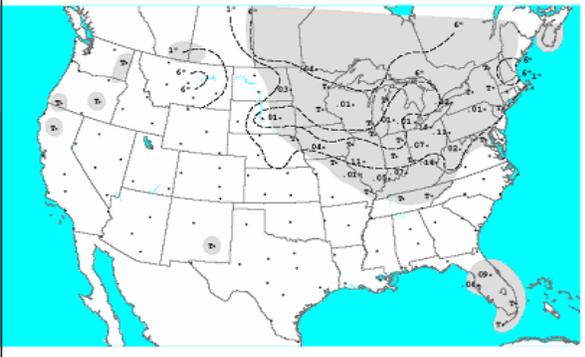
500-Millibar Height contours at 7:00 A.M. E.S.T.



Highest and Lowest Temperature



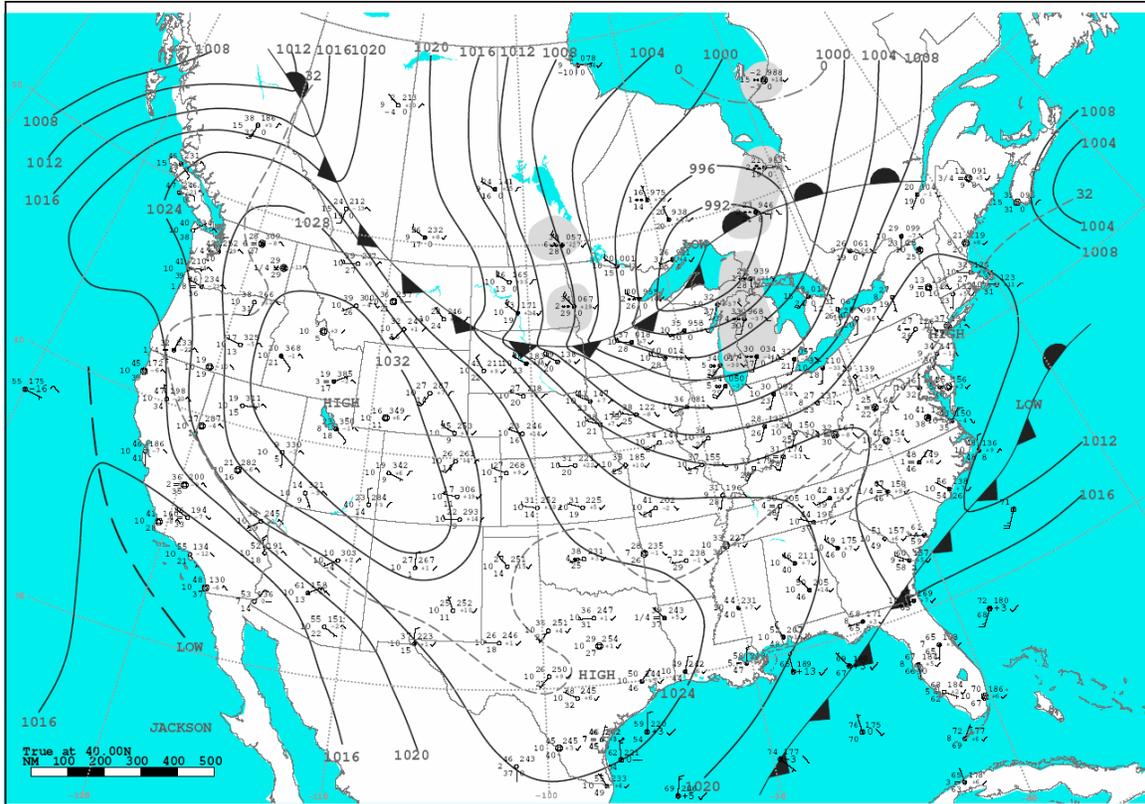
Station Model



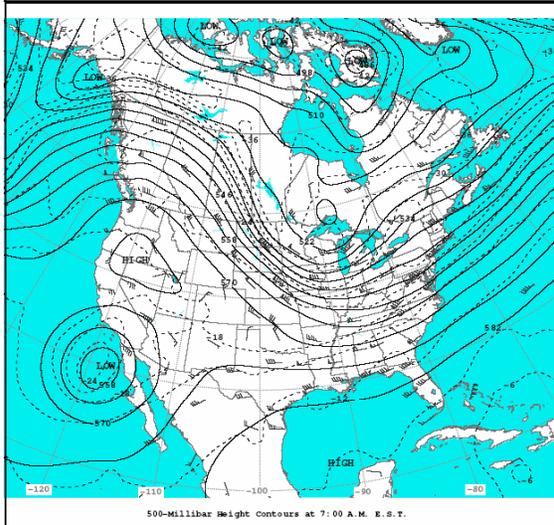
24-hour Precipitation Areas and Amounts Ending 7:00 A.M. E.S.T.

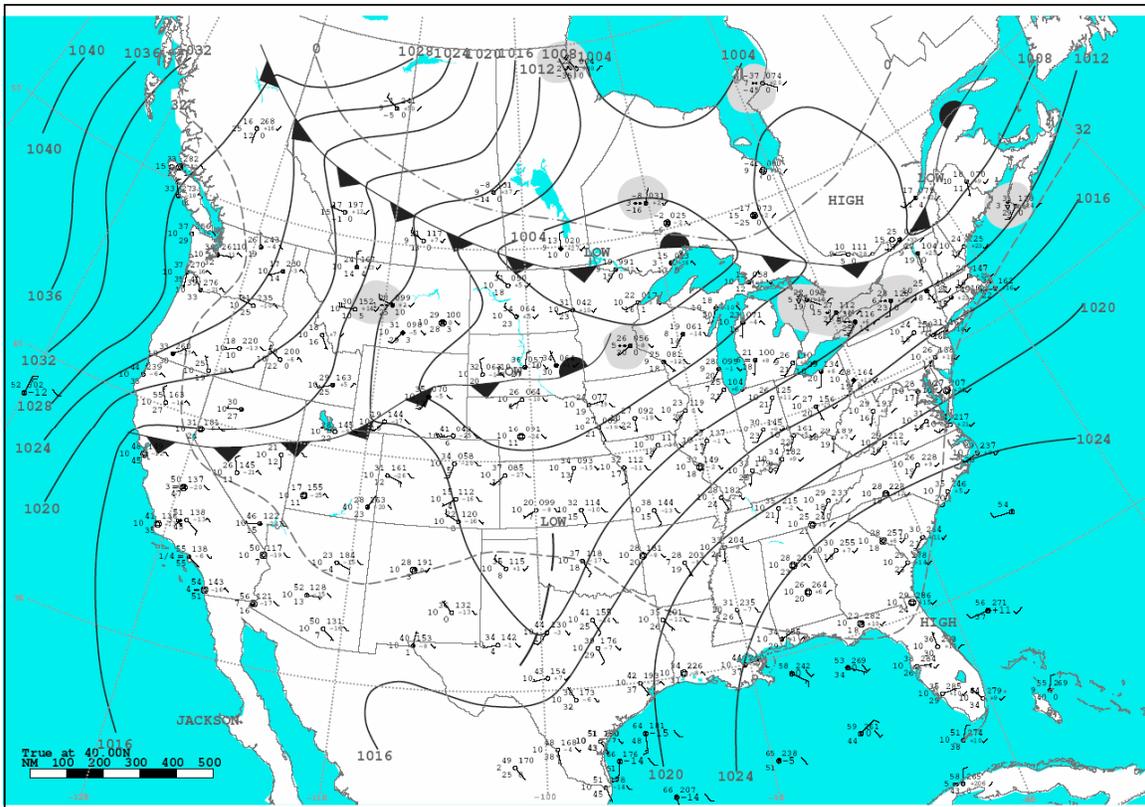
MONDAY, DECEMBER 12, 2005

Figure 1. Weather Map for December 12, 2005

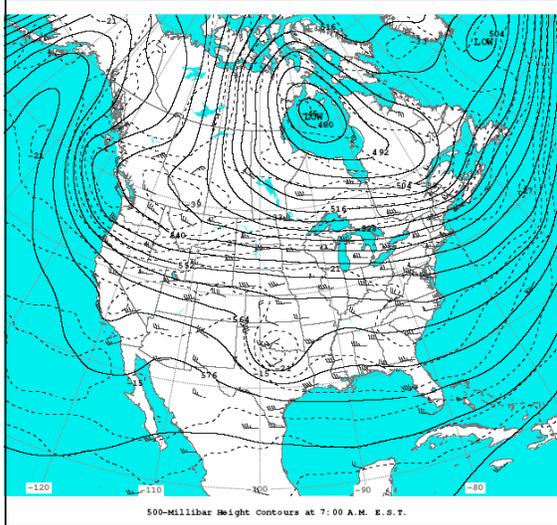


Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.

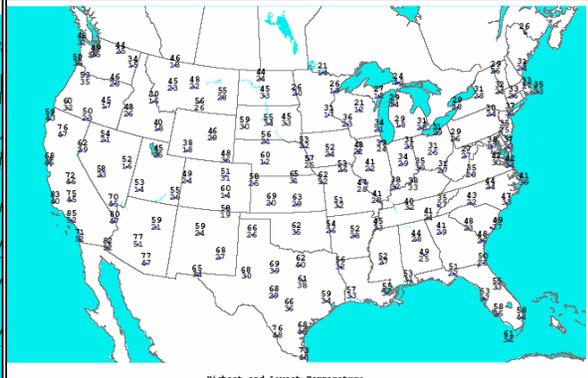




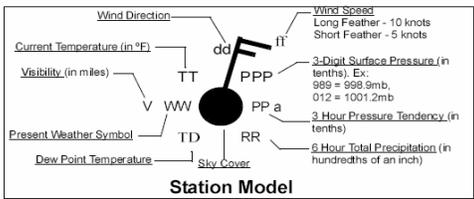
Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.



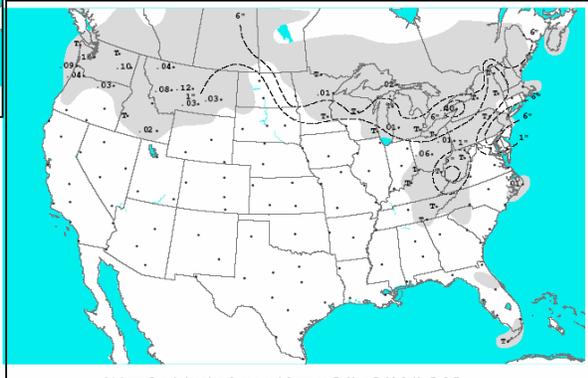
500-Millibar Height Contours at 7:00 A.M. E.S.T.



Highest and Lowest Temperature



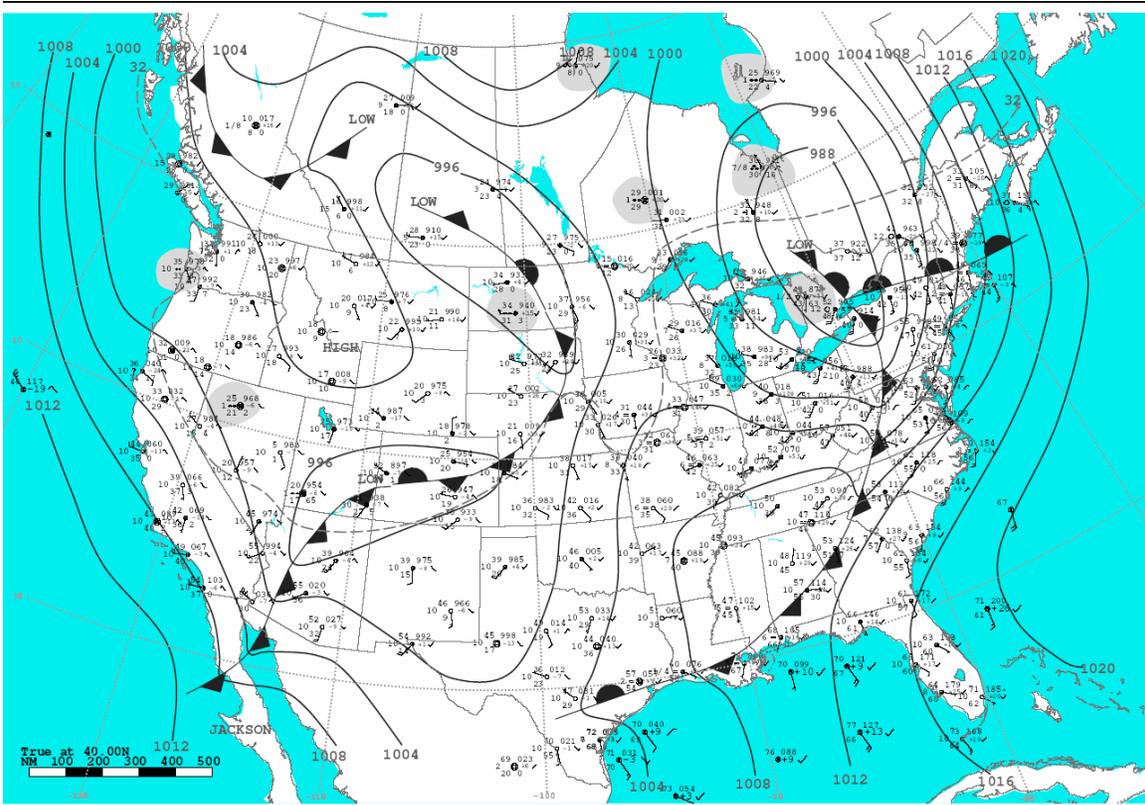
Station Model



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

TUESDAY, FEBRUARY 14, 2006

Figure 3. Weather Map for February 14, 2006



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

