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

Daily Weather Maps

APRIL 16, 2007 - APRIL 22, 2007

Week 16

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

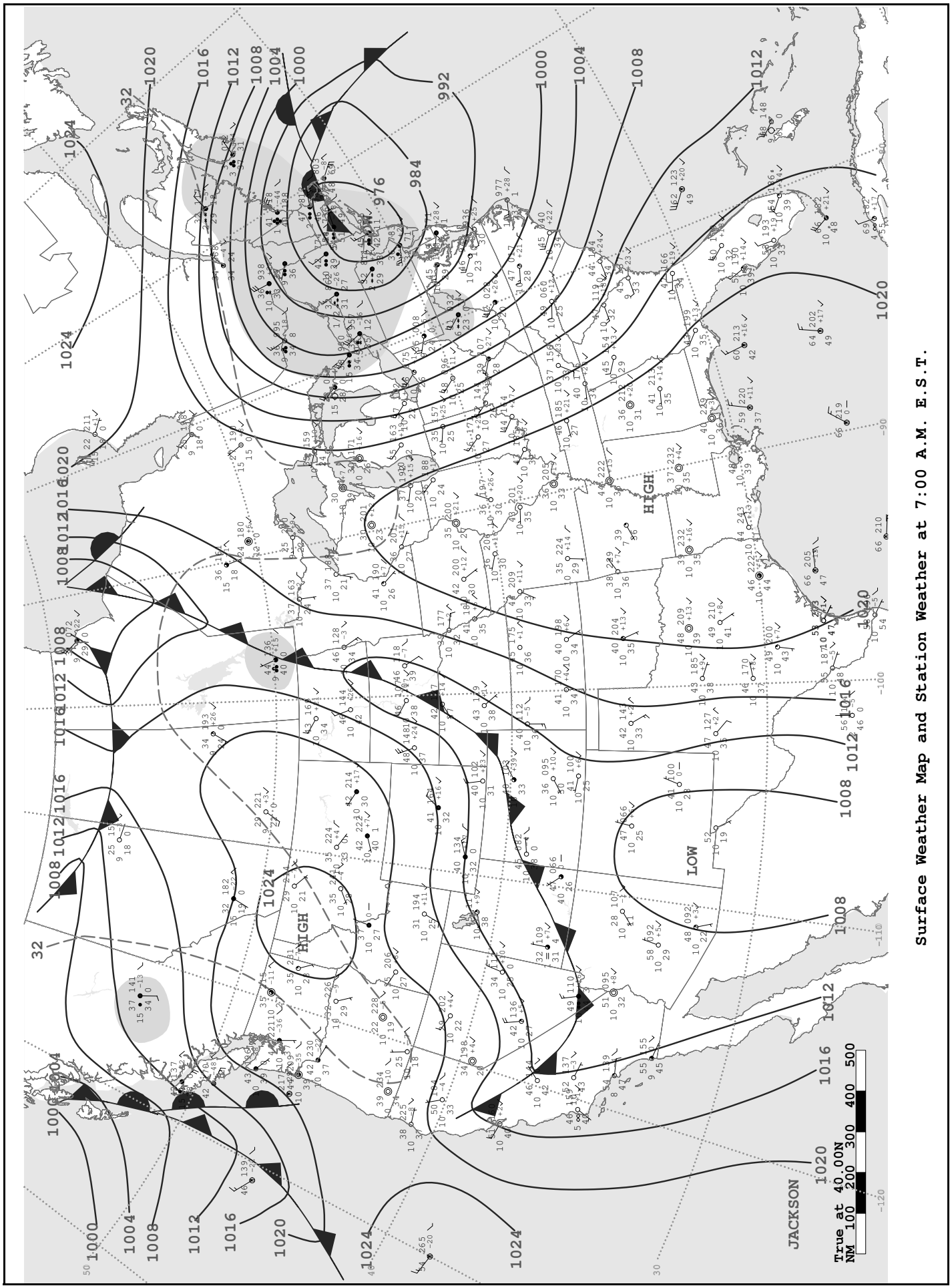
The *Daily Weather Map* is available online at www.hpc.ncep.noaa.gov/dwm/dwm.shtml.

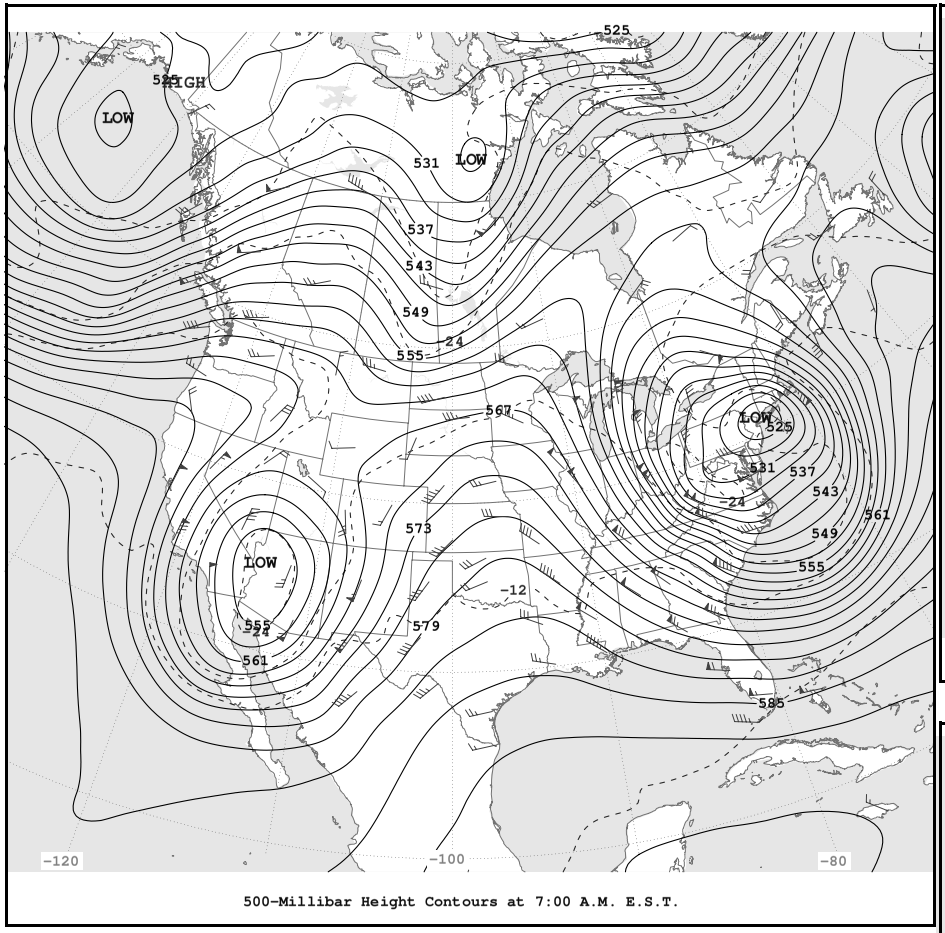
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Daily Weather Maps, W/NP3
5200 Auth Road, Room 410
Camp Springs, MD 20746-4304

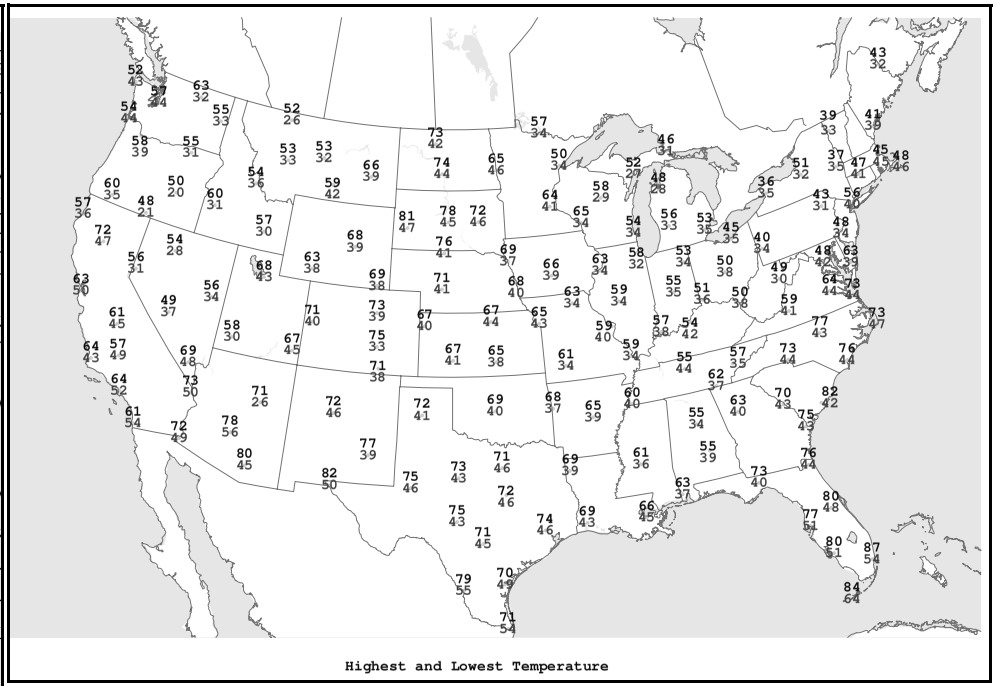
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MONDAY, APRIL 16, 2007

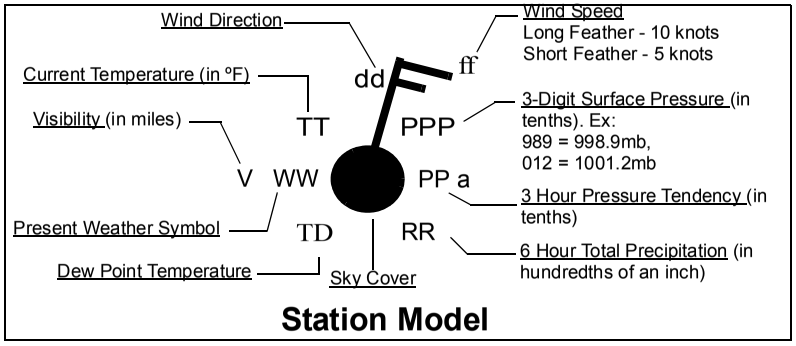




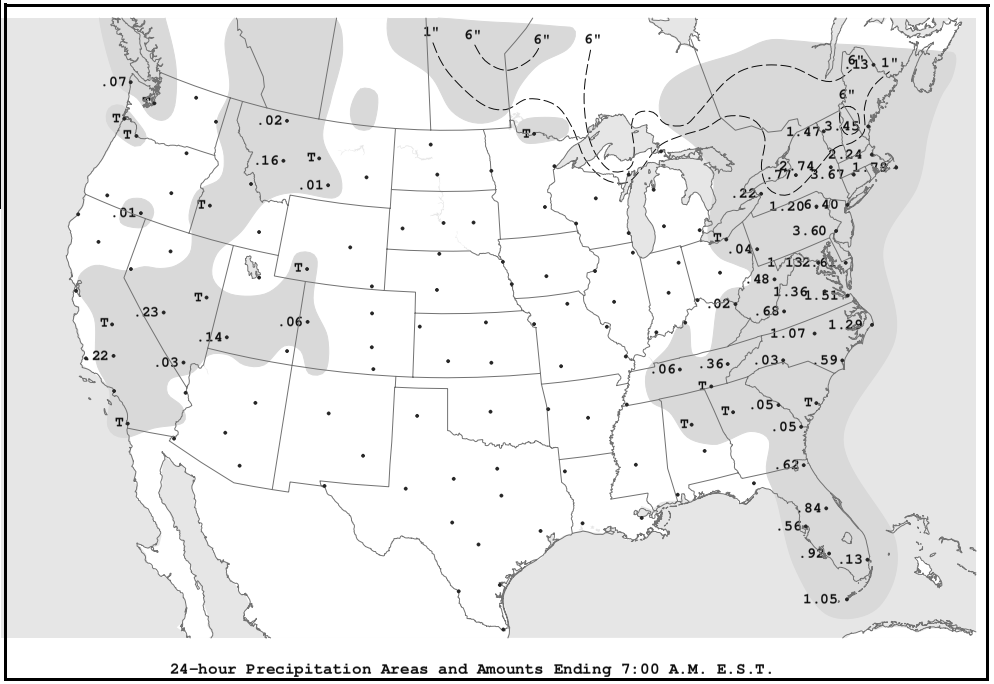
500-Millibar Height Contours at 7:00 A.M. E.S.T.



Highest and Lowest Temperature

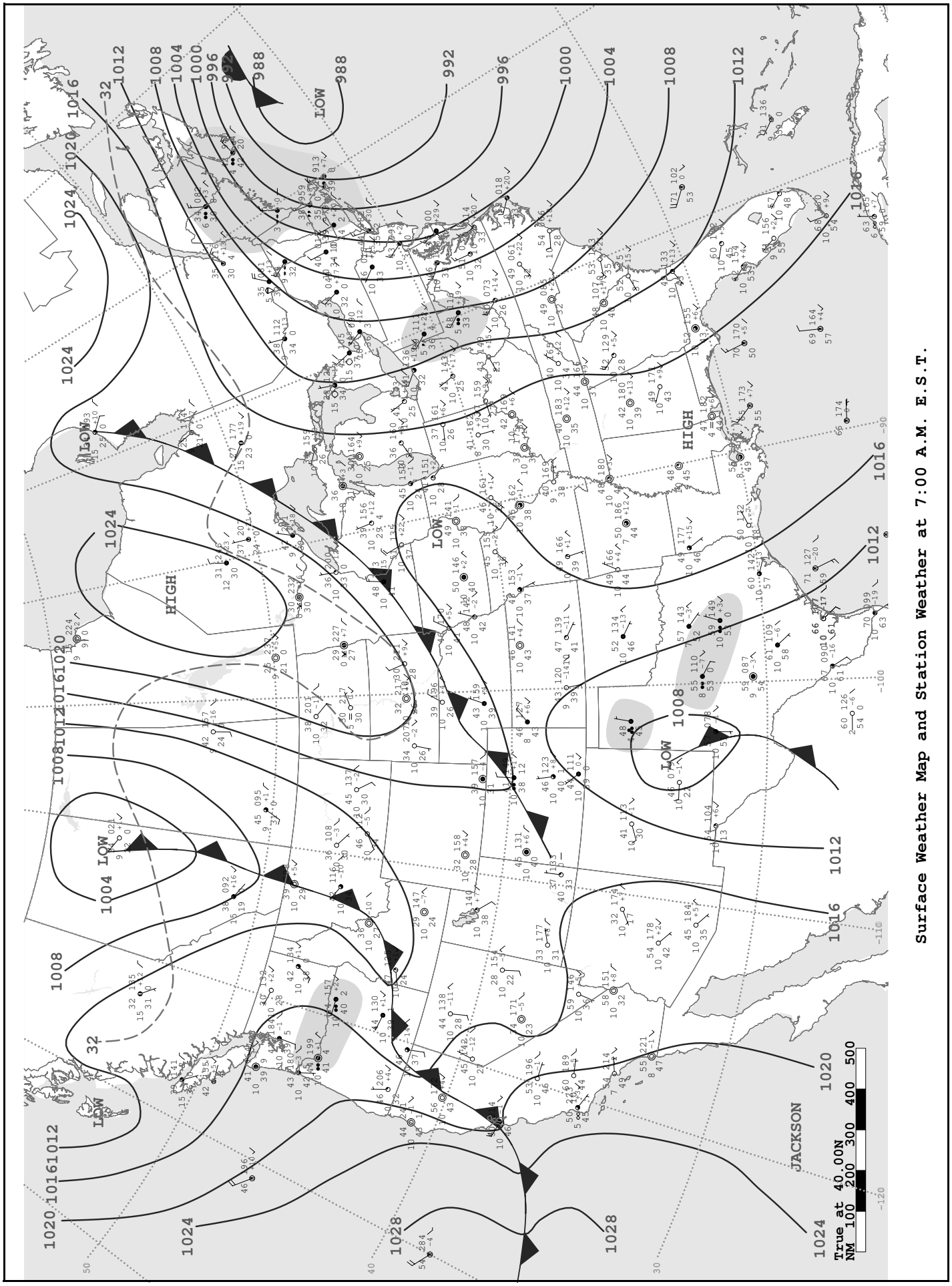


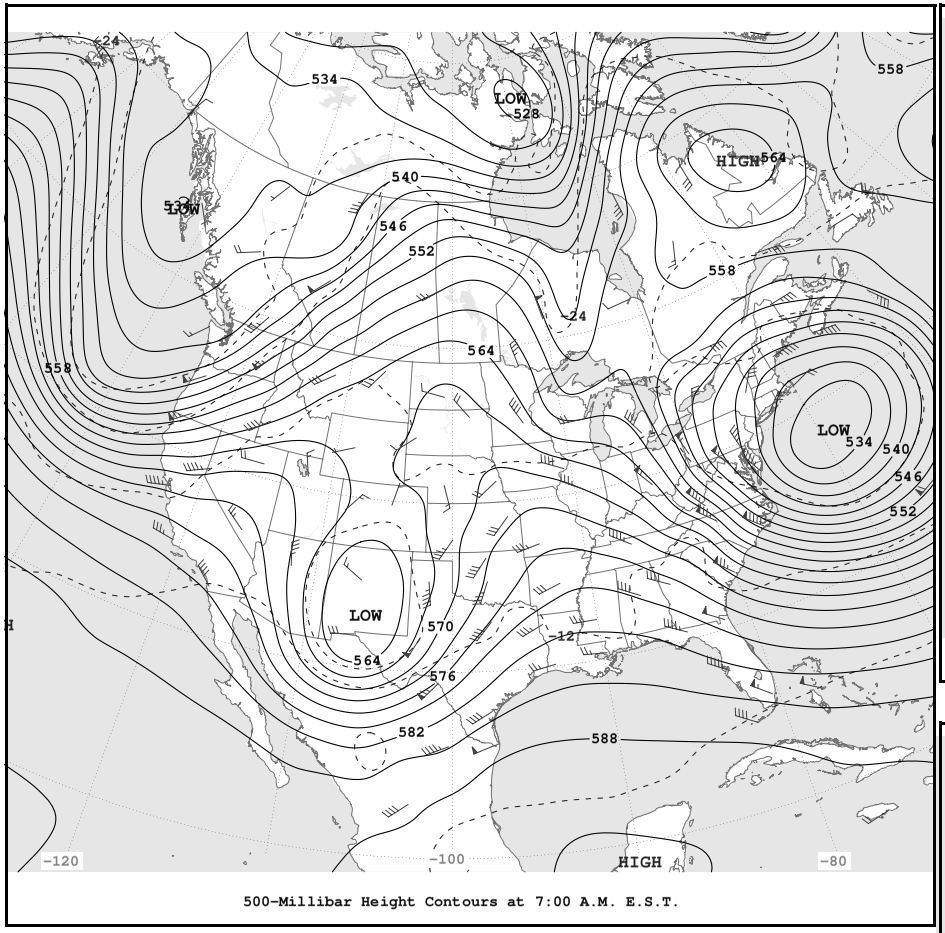
MONDAY, APRIL 16, 2007



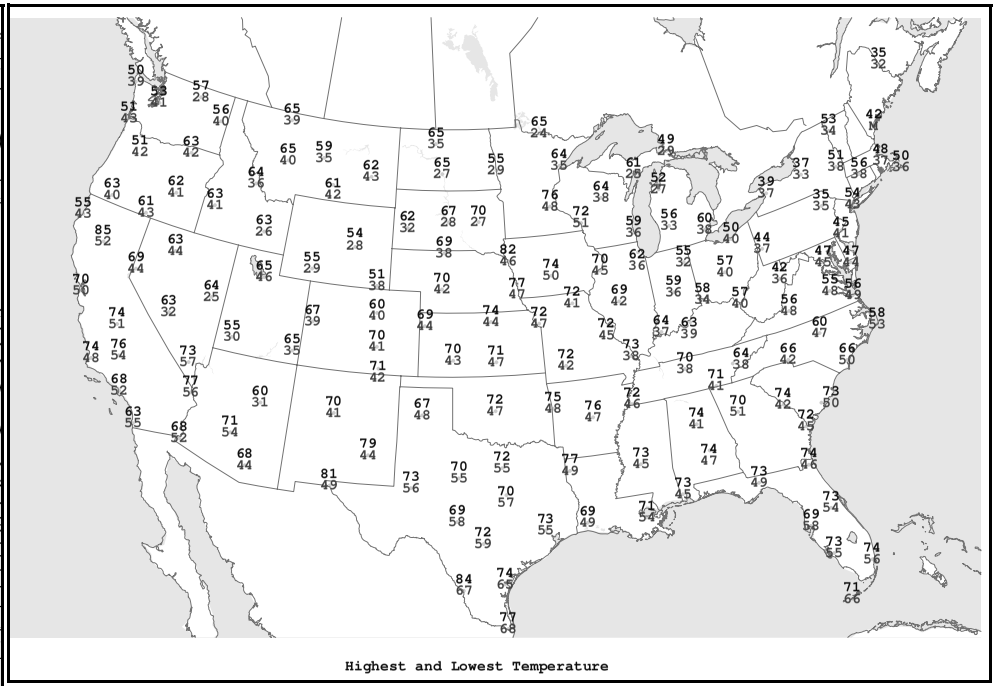
24-hour Precipitation Areas and Amounts Ending 7:00 A.M. E.S.T.

TUESDAY, APRIL 17, 2007

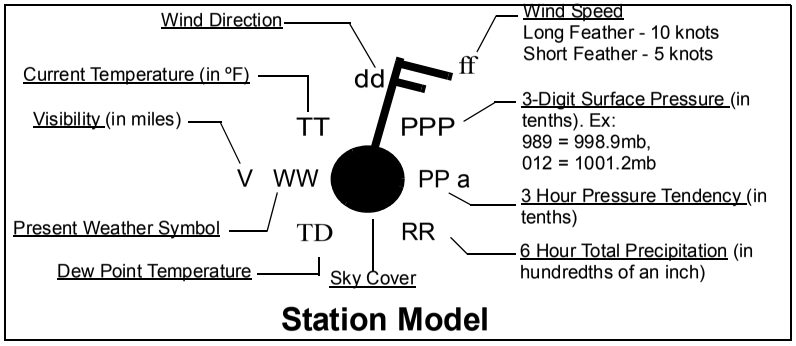




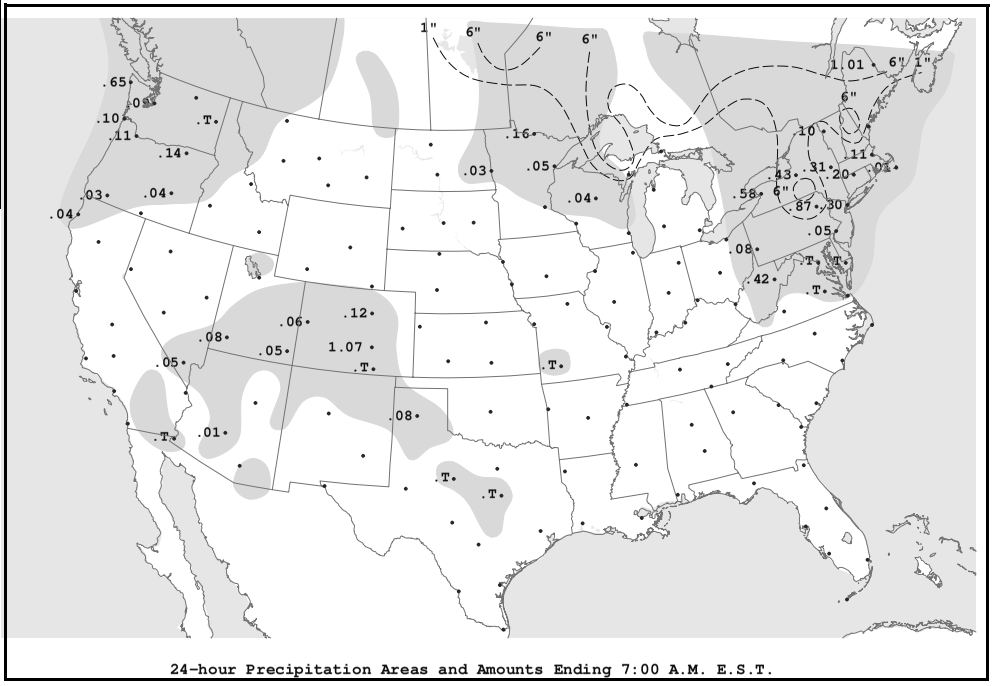
500-Millibar Height Contours at 7:00 A.M. E.S.T.



Highest and Lowest Temperature

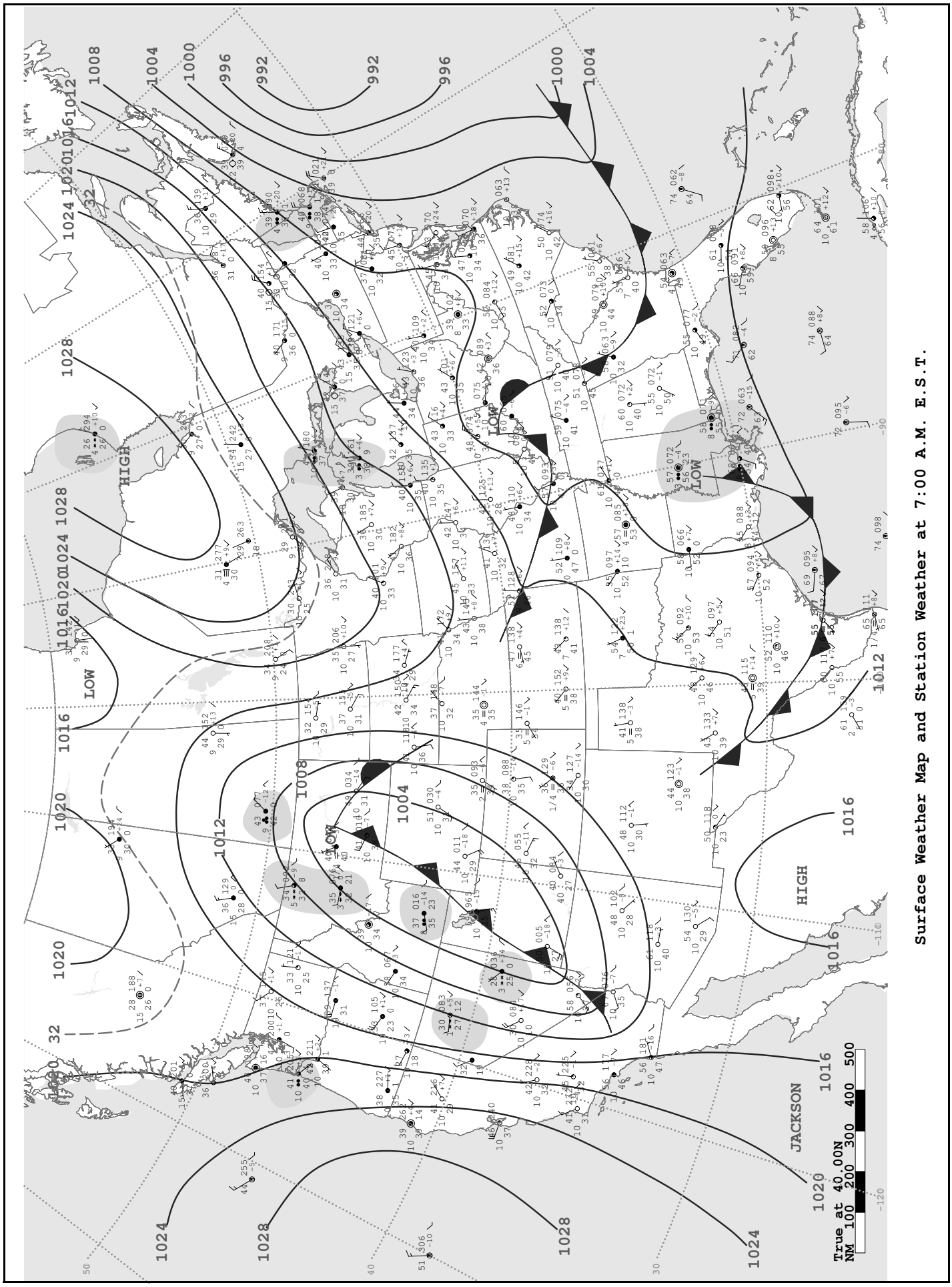


TUESDAY, APRIL 17, 2007

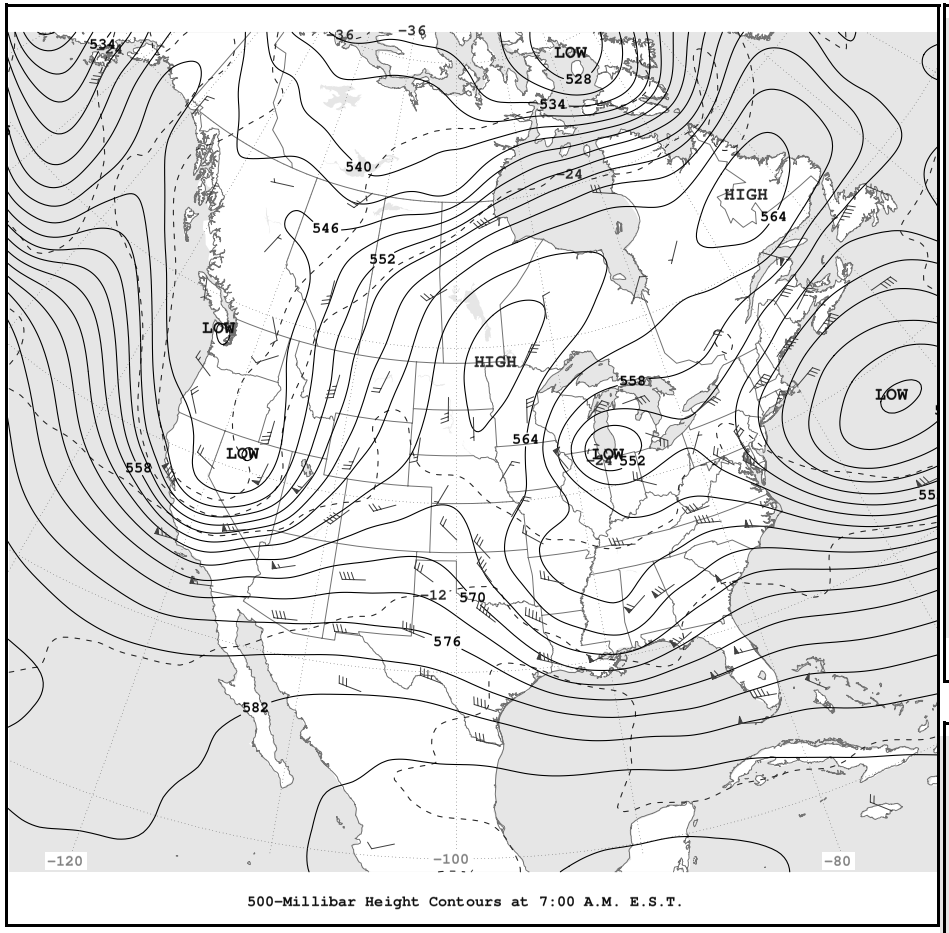


24-hour Precipitation Areas and Amounts Ending 7:00 A.M. E.S.T.

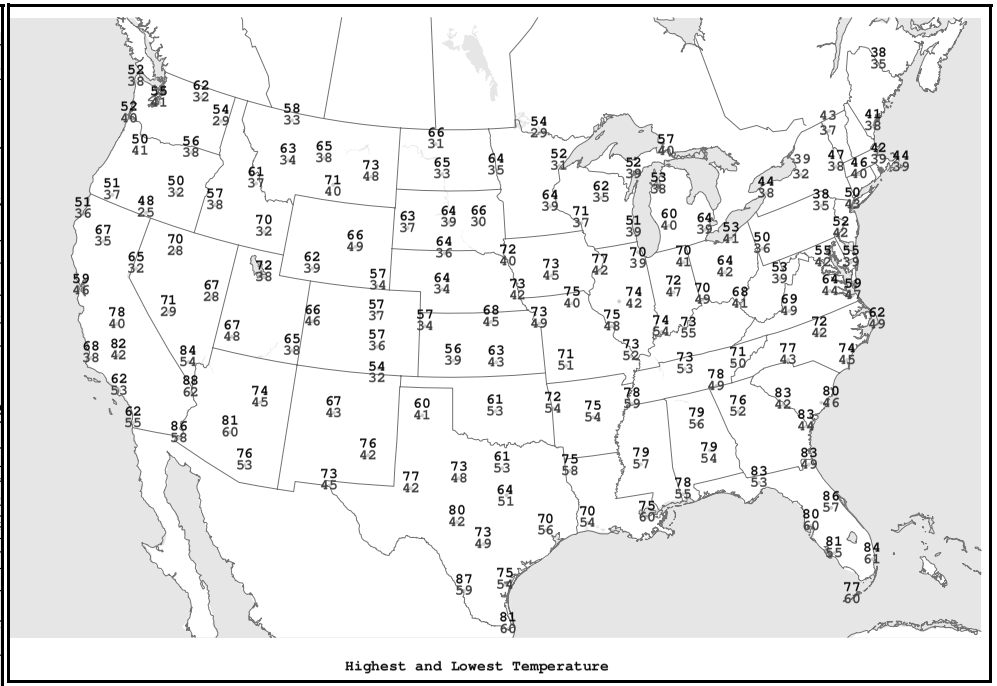
WEDNESDAY, APRIL 18, 2007



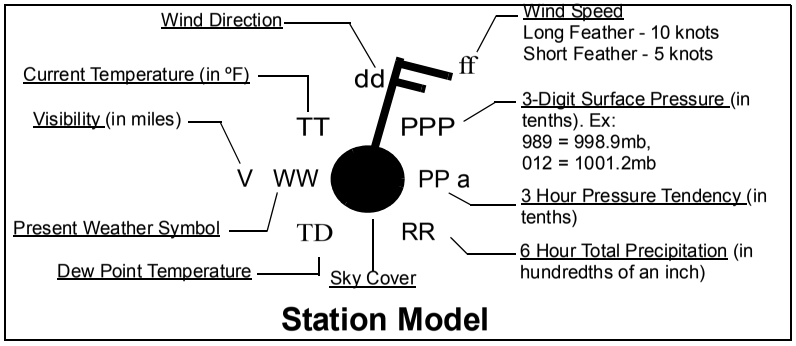
Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.



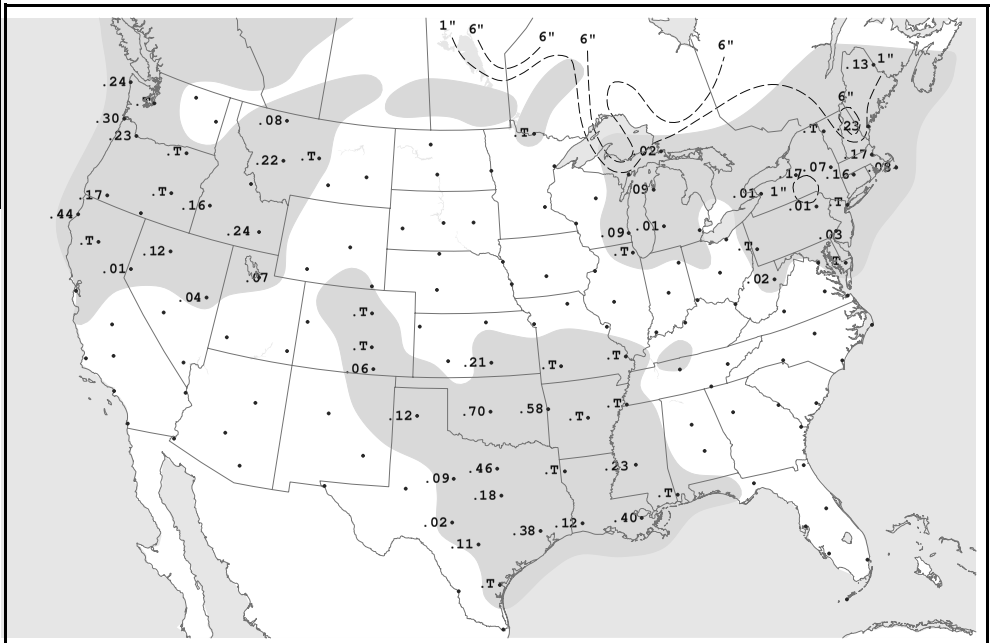
500-Millibar Height Contours at 7:00 A.M. E.S.T.



Highest and Lowest Temperature

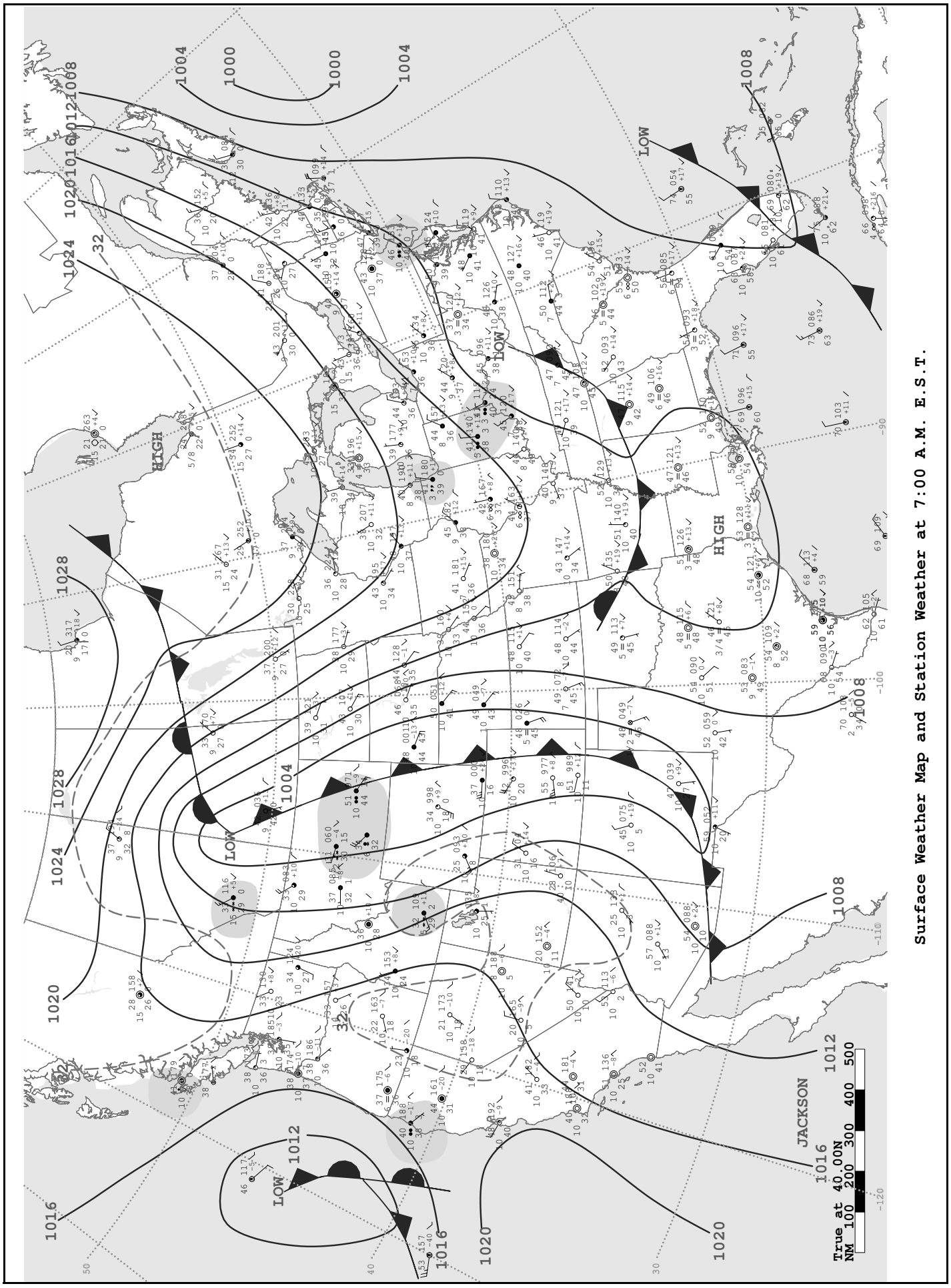


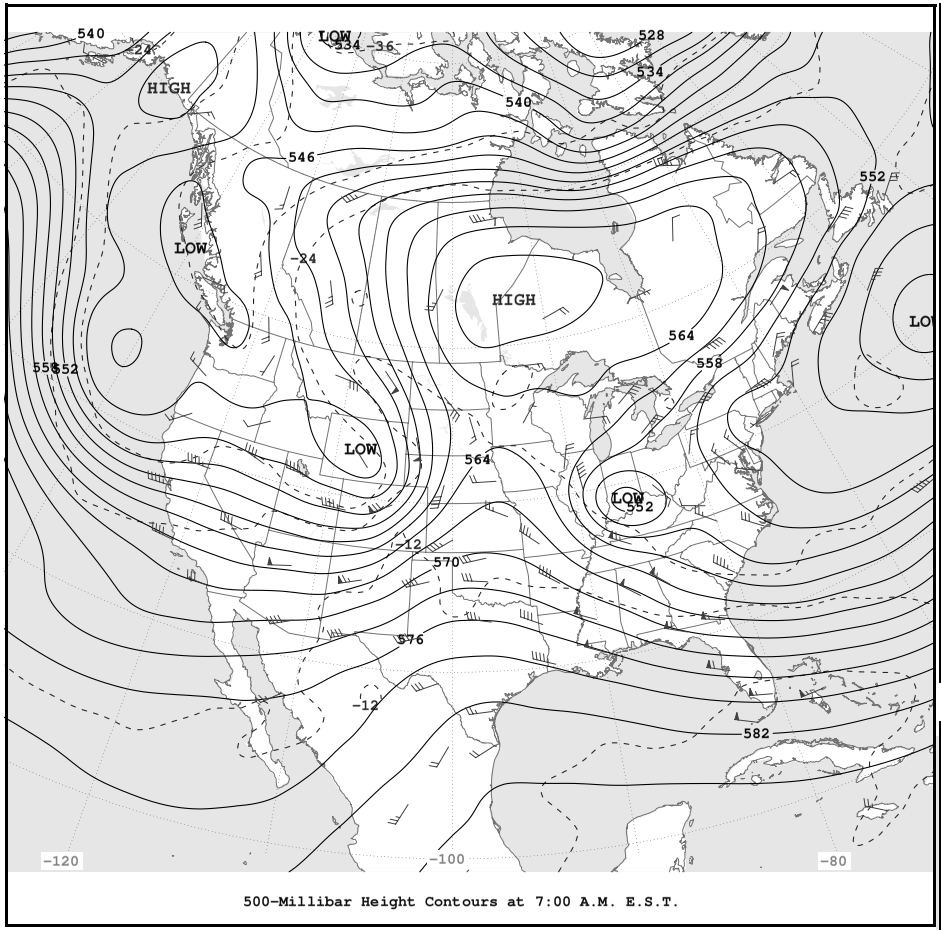
WEDNESDAY, APRIL 18, 2007



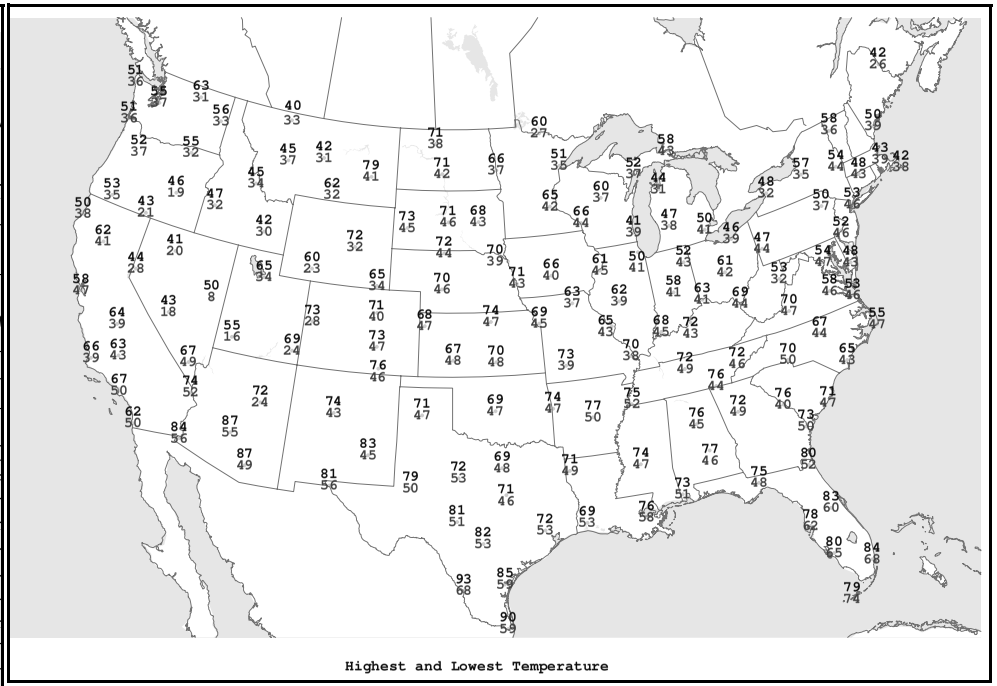
24-hour Precipitation Areas and Amounts Ending 7:00 A.M. E.S.T.

THURSDAY, APRIL 19, 2007

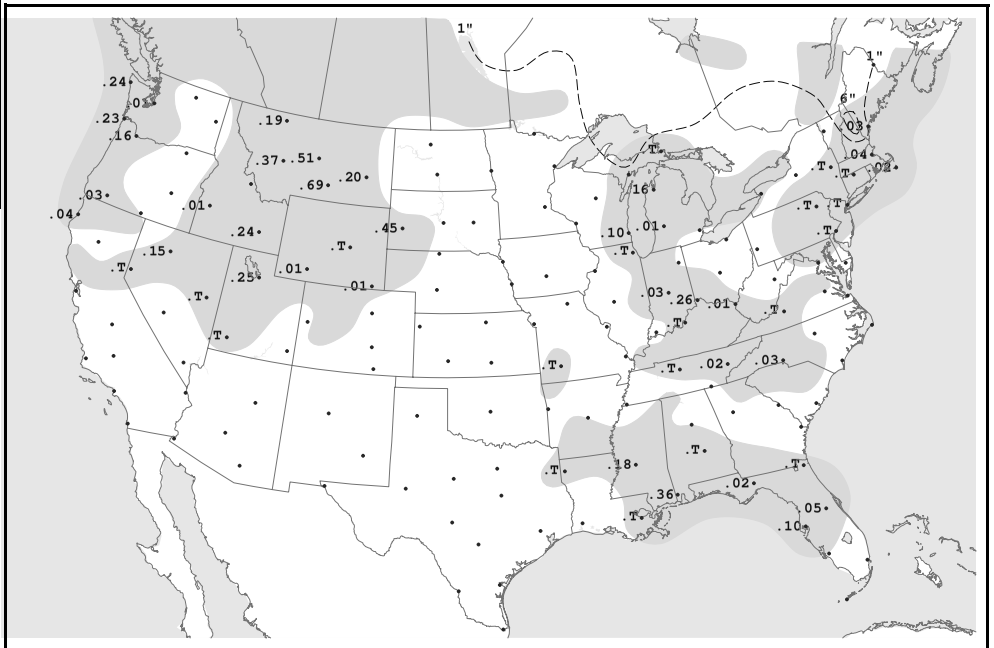




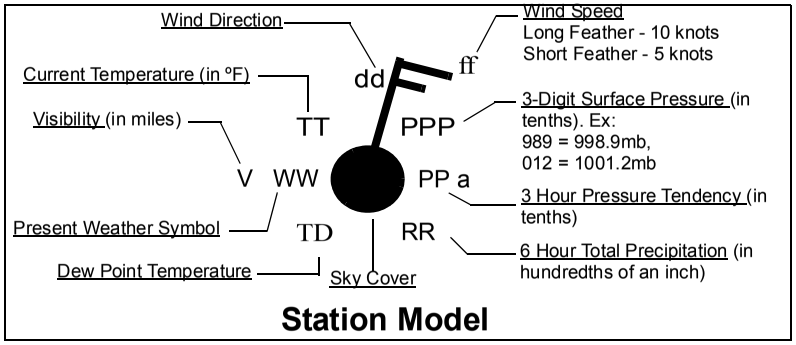
500-Millibar Height Contours at 7:00 A.M. E.S.T.



Highest and Lowest Temperature

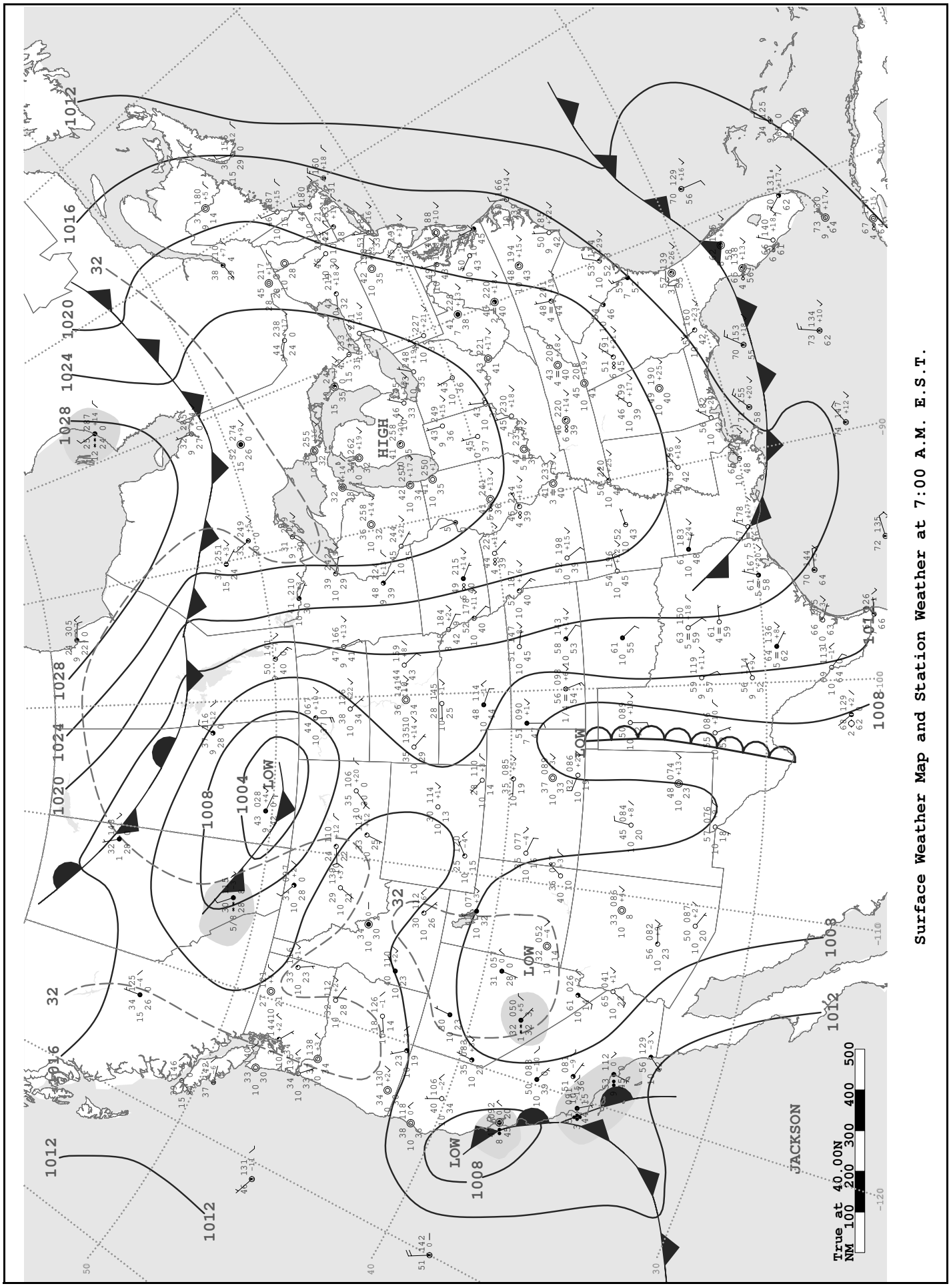


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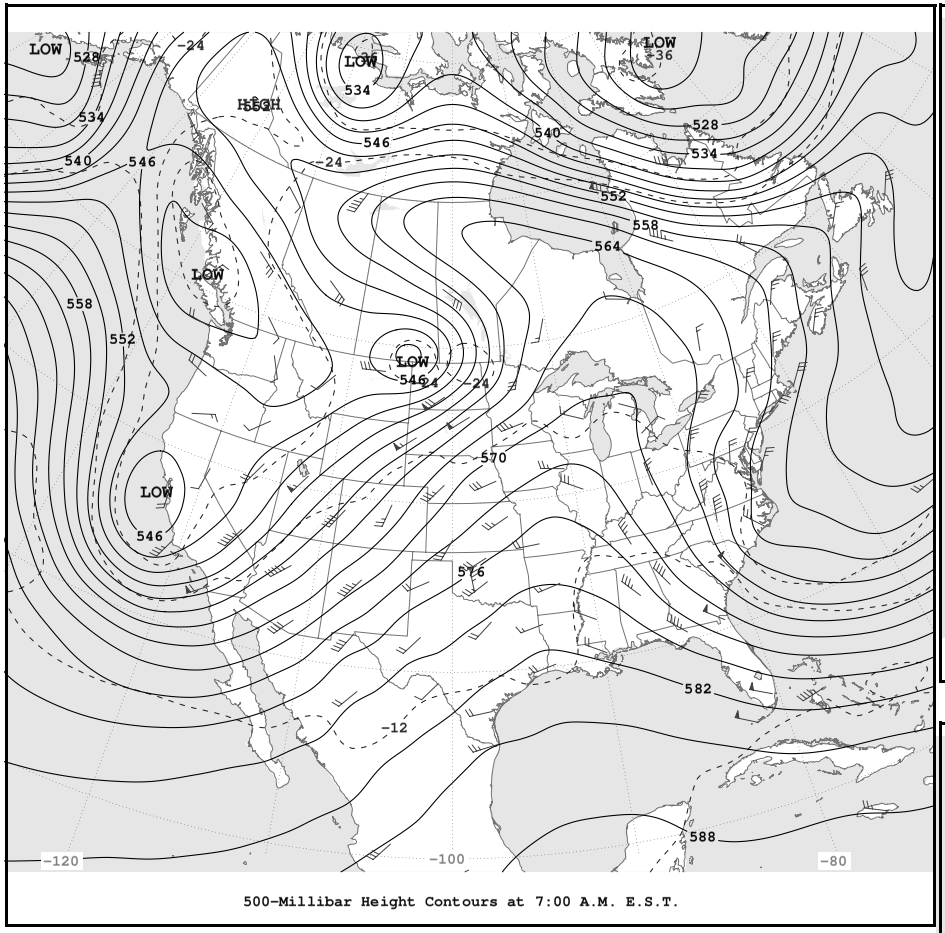


THURSDAY, APRIL 19, 2007

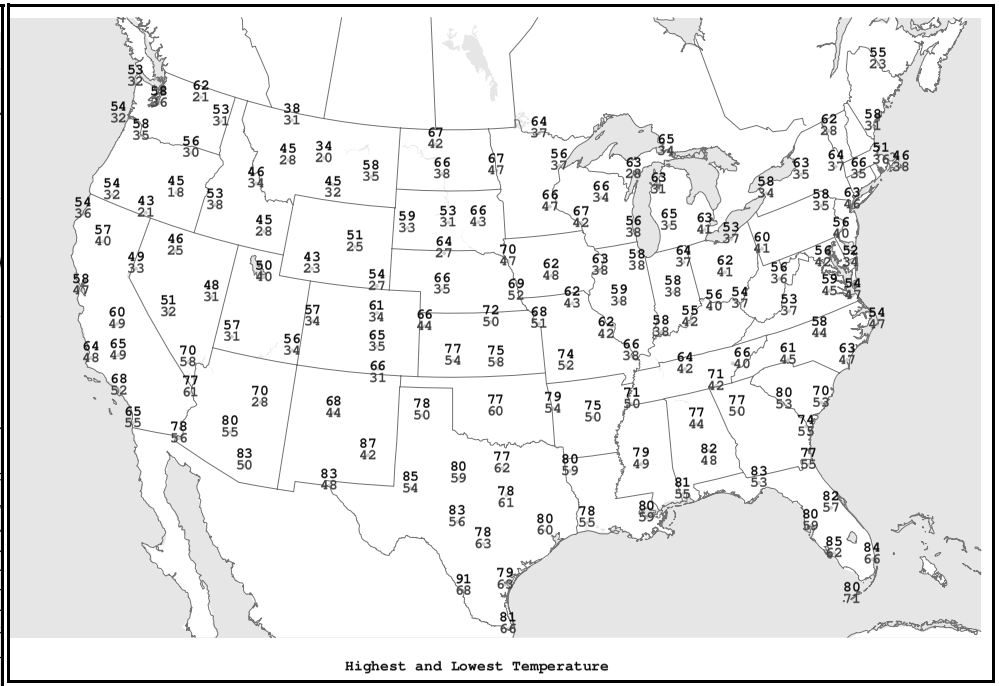
FRIDAY, APRIL 20, 2007



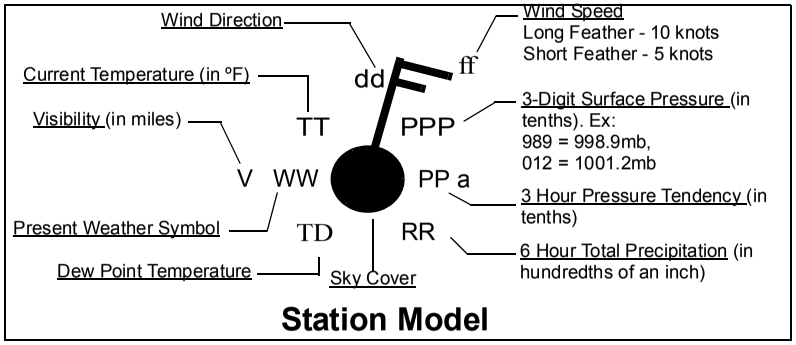
Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.



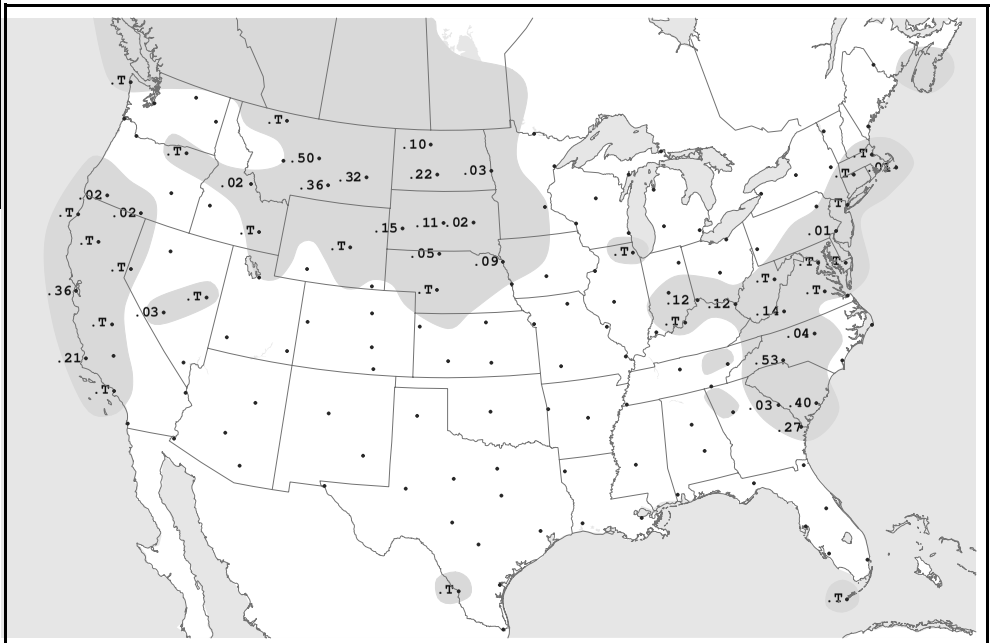
500-Millibar Height Contours at 7:00 A.M. E.S.T.



Highest and Lowest Temperature

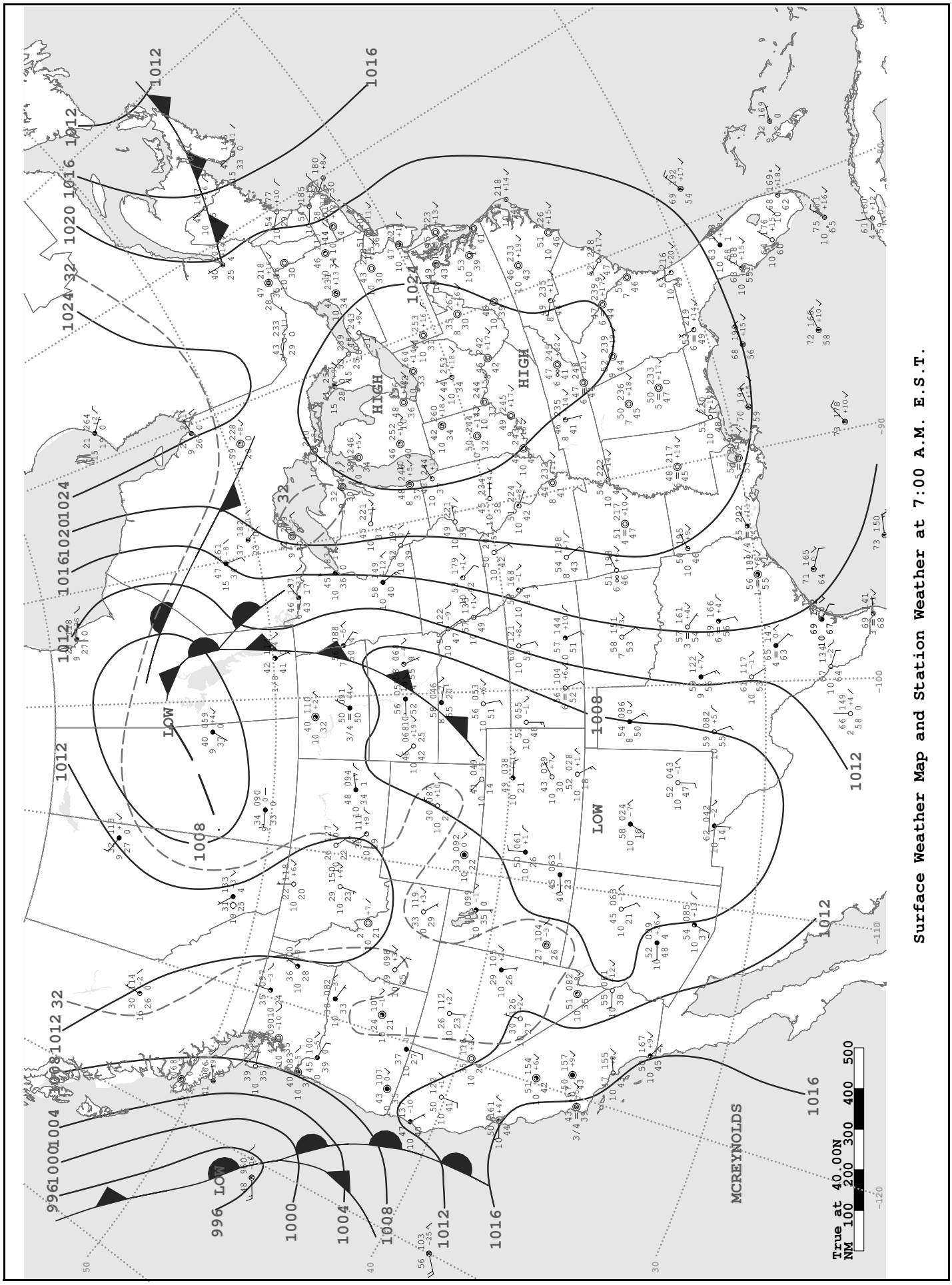


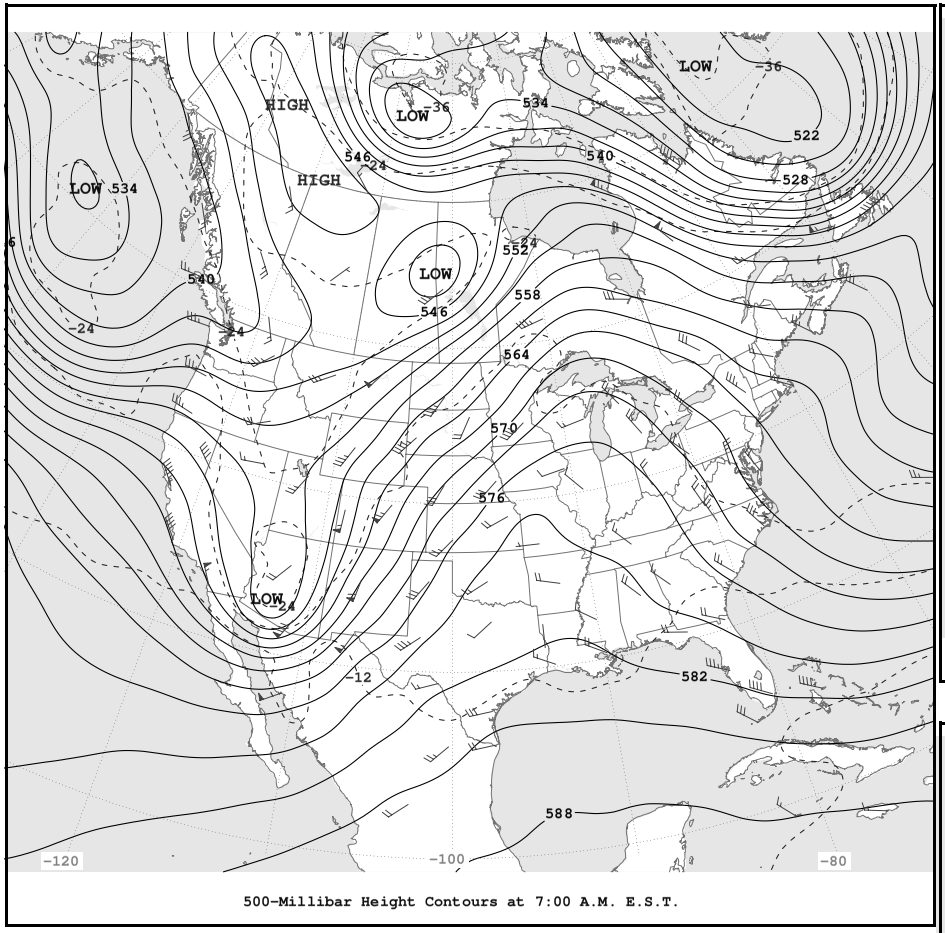
FRIDAY, APRIL 20, 2007



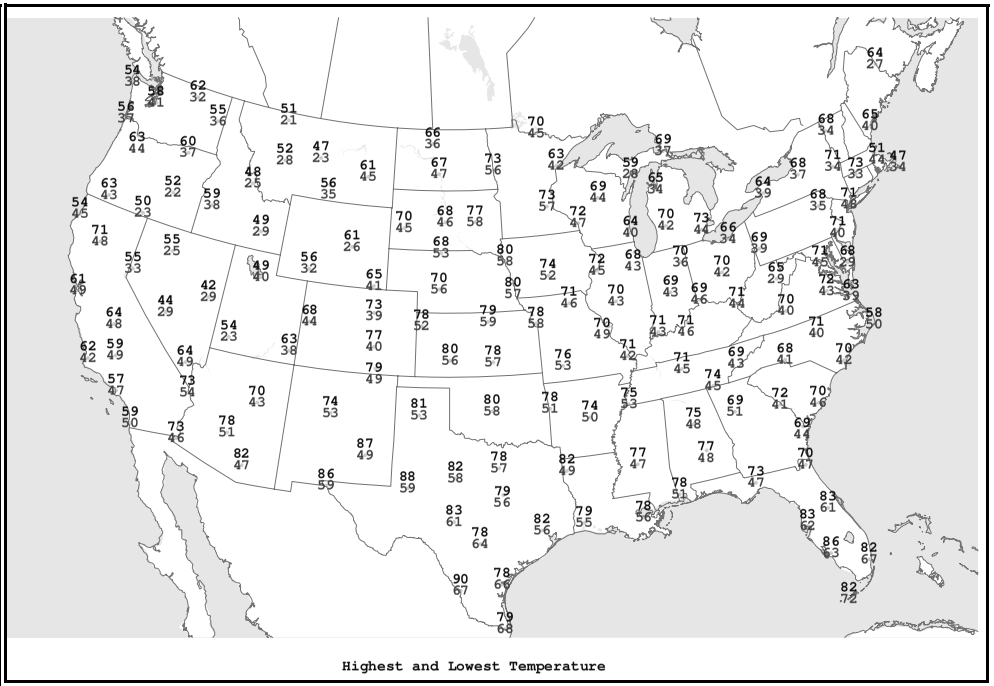
24-hour Precipitation Areas and Amounts Ending 7:00 A.M. E.S.T.

SATURDAY, APRIL 21, 2007

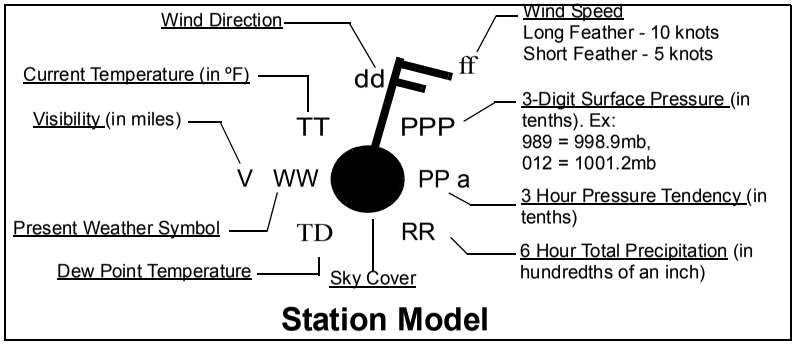


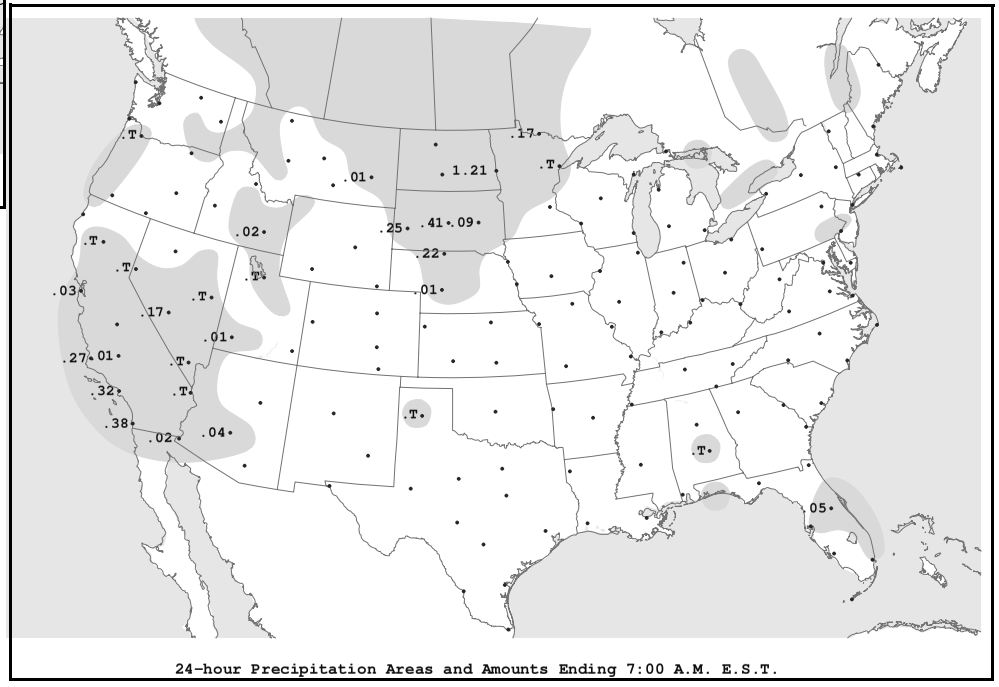


500-Millibar Height Contours at 7:00 A.M. E.S.T.



Highest and Lowest Temperature

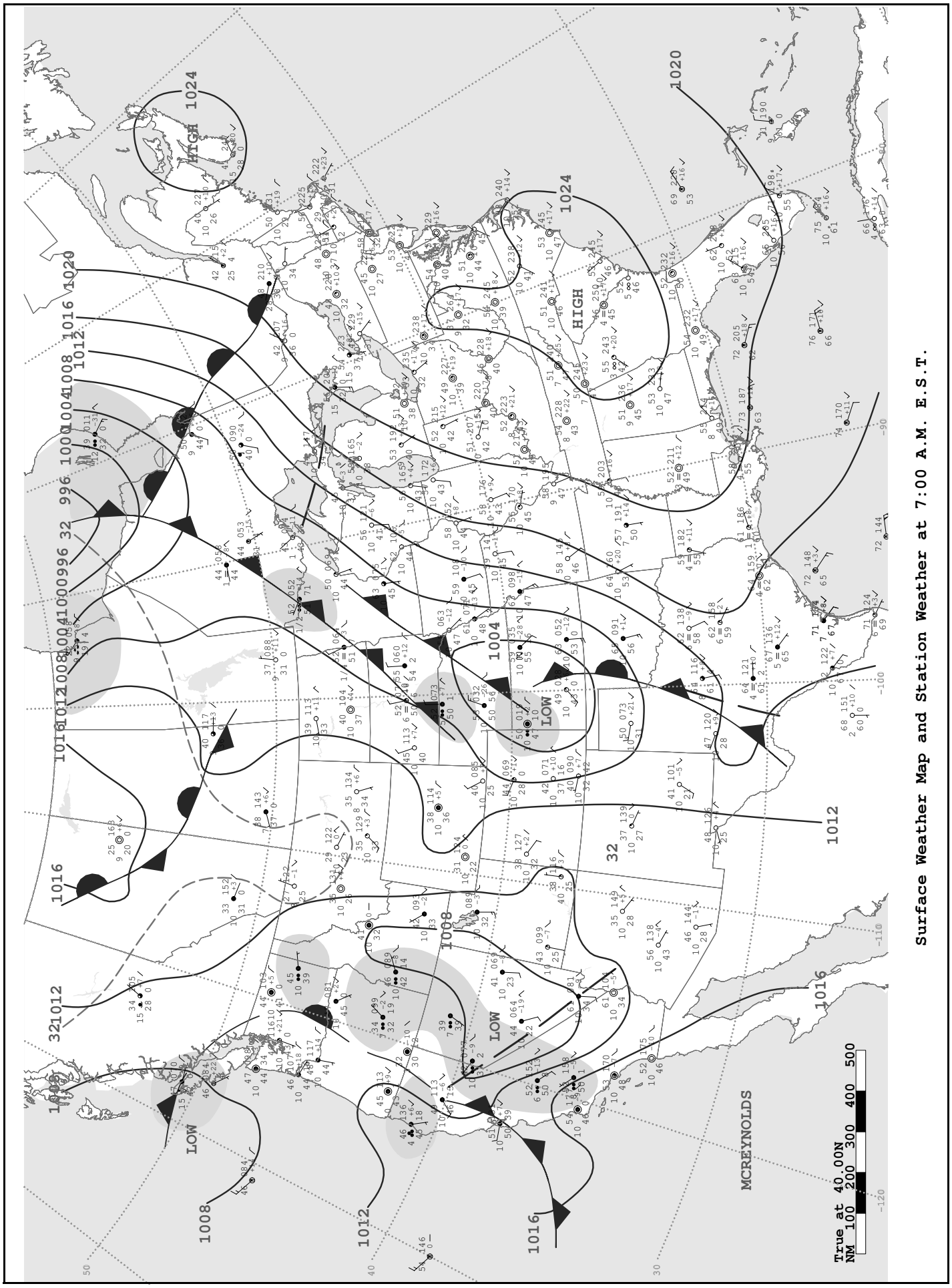


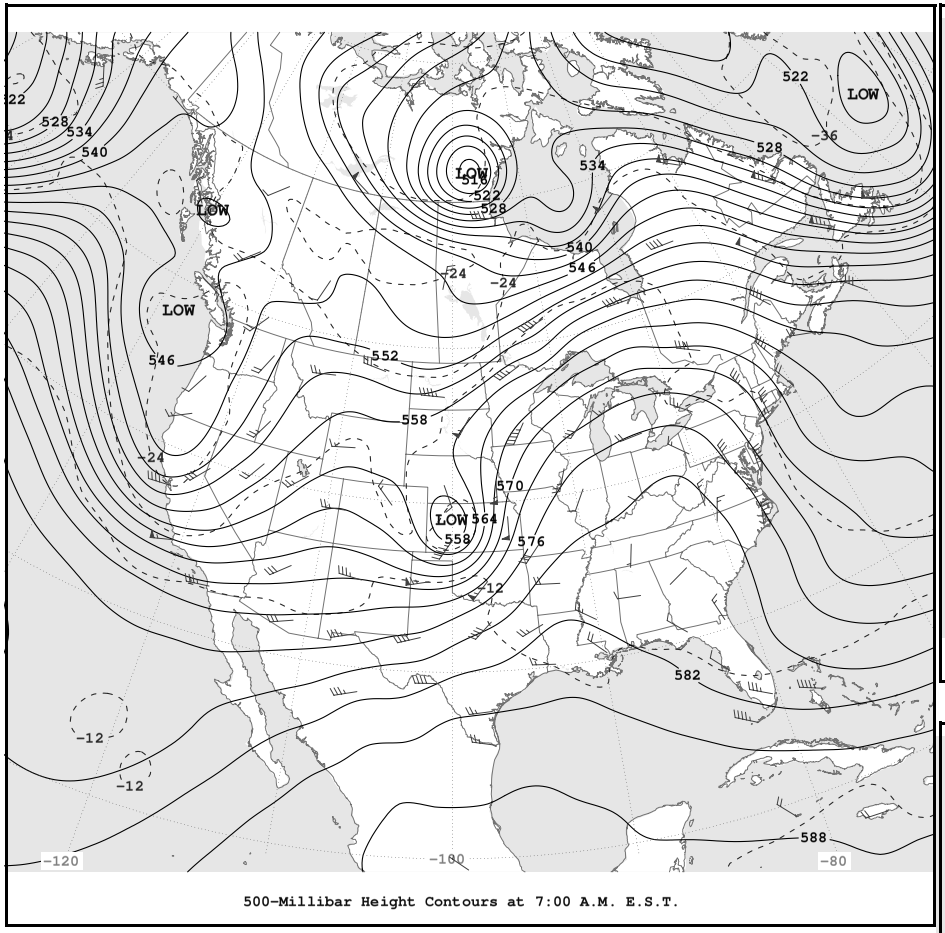


24-hour Precipitation Areas and Amounts Ending 7:00 A.M. E.S.T.

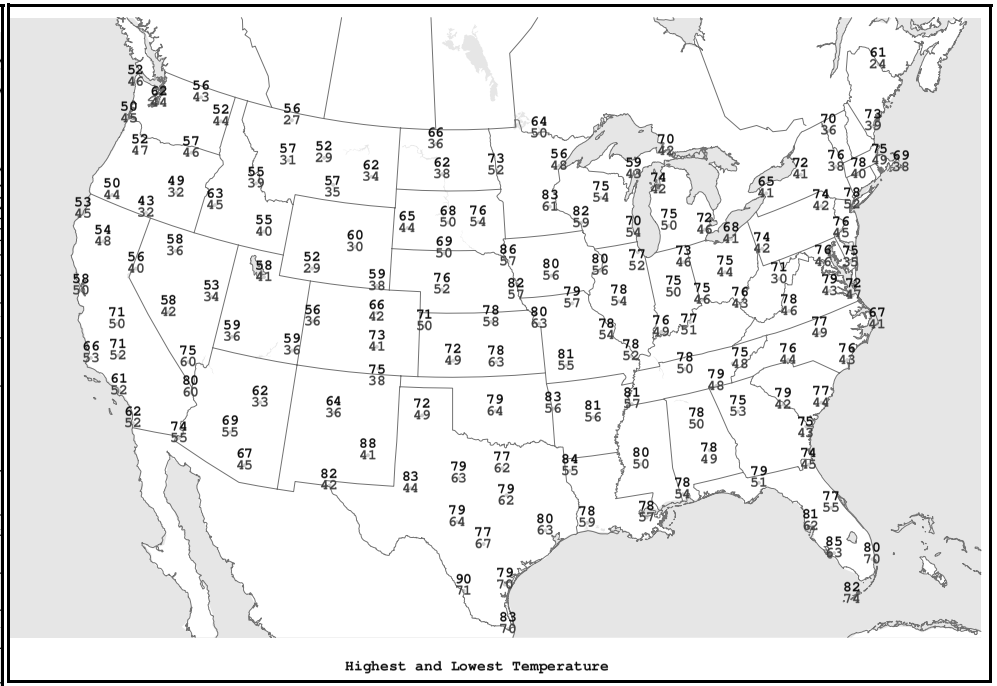
SATURDAY, APRIL 21, 2007

SUNDAY, APRIL 22, 2007

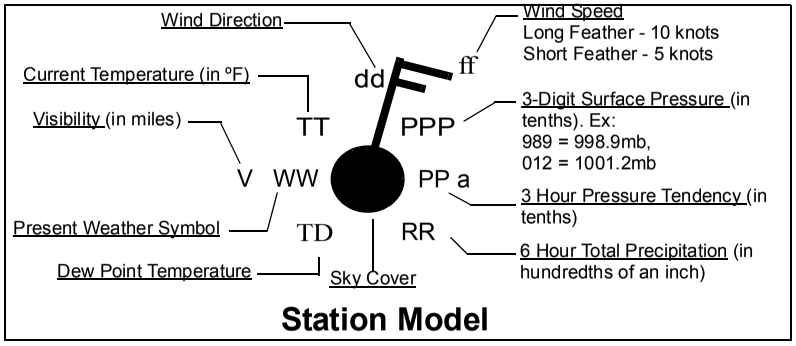




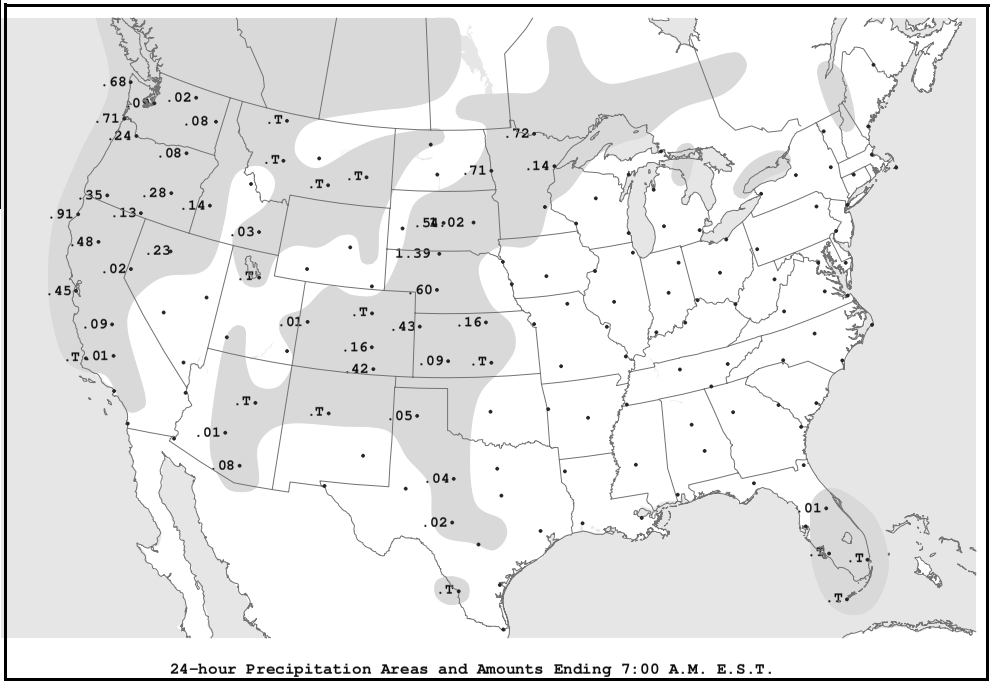
500-Millibar Height Contours at 7:00 A.M. E.S.T.



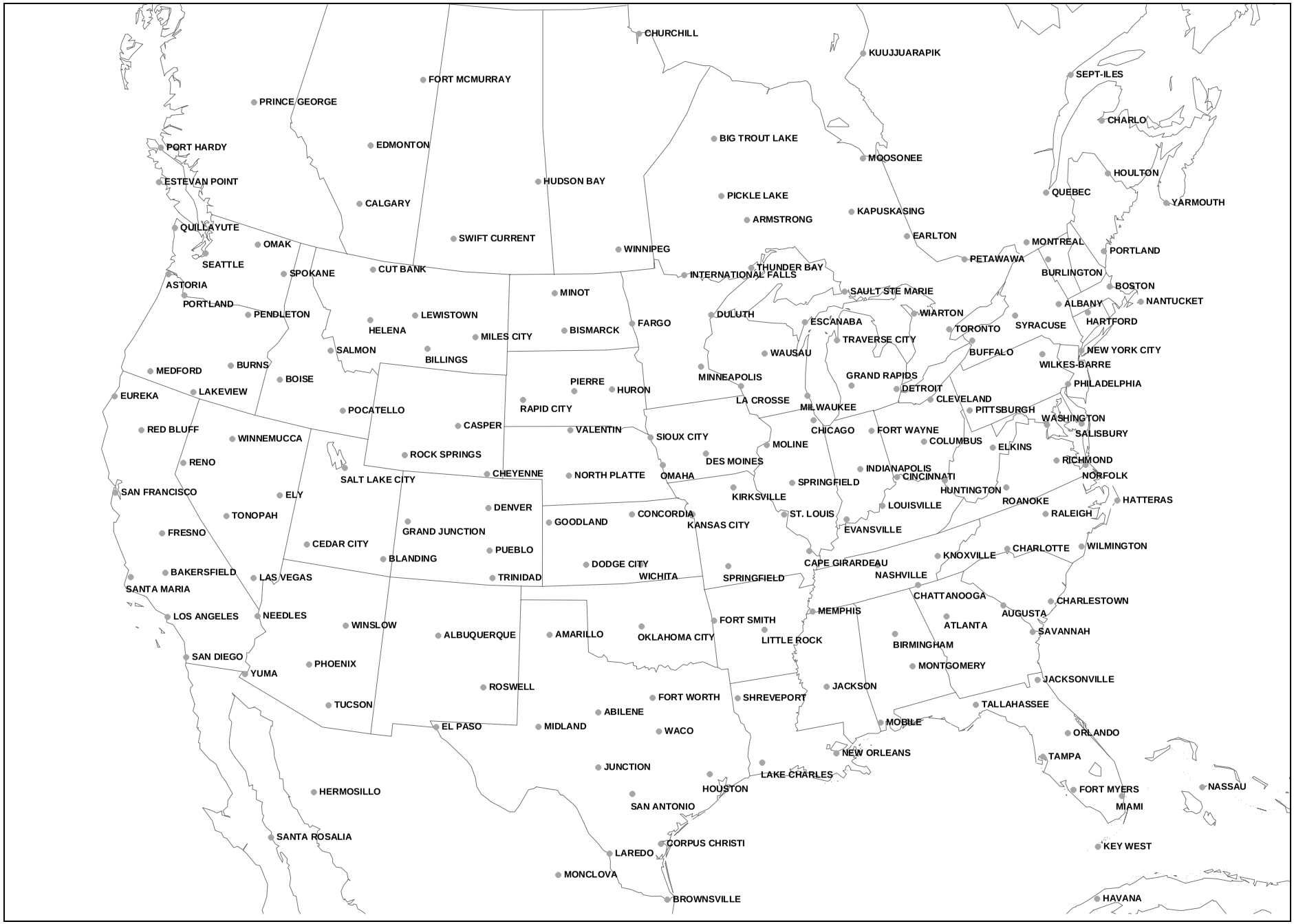
Highest and Lowest Temperature



SUNDAY, APRIL 22, 2007



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



Daily Weather Map Station Names and Locations