



Daily Weather Maps

AUGUST 23, 2010 - AUGUST 29, 2010

Week 34

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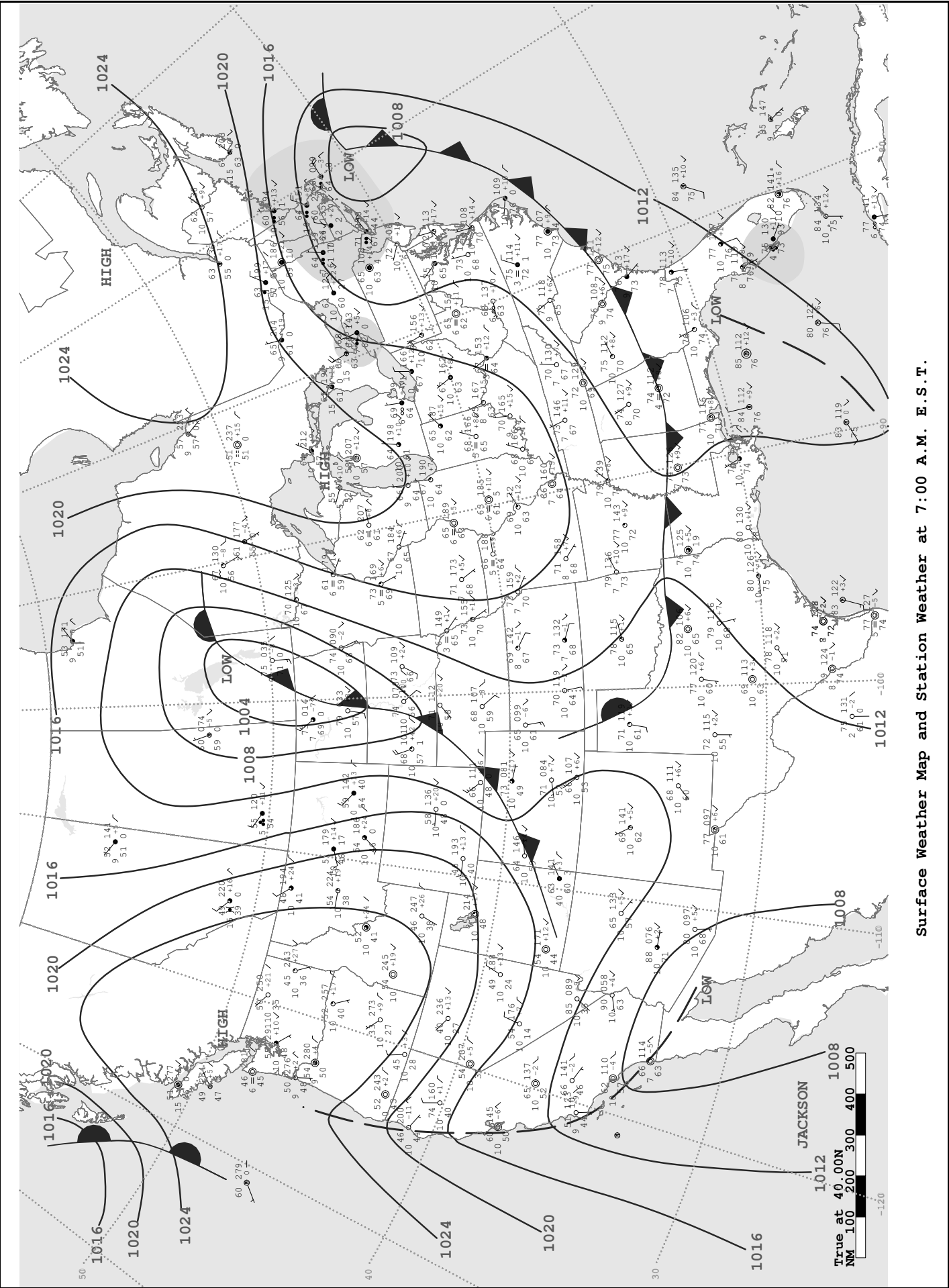
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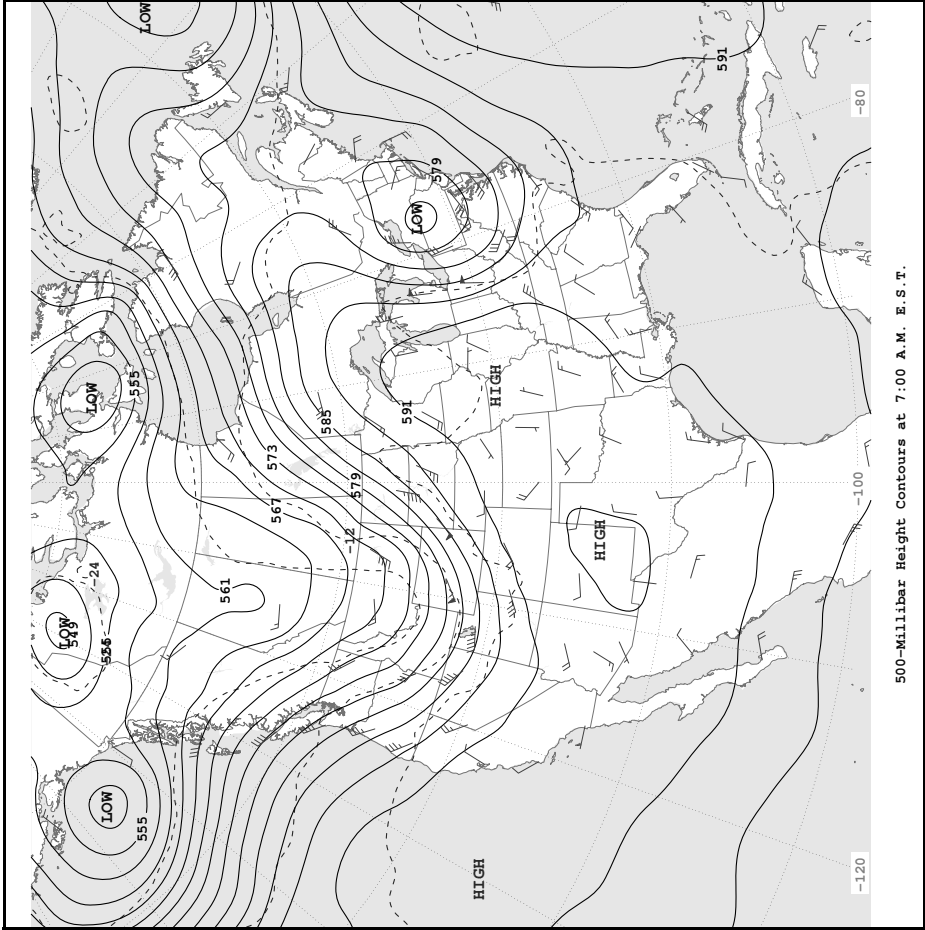
Correspondence to the meteorologists should be directed to: **Daily Weather Map, NOAA/National Weather Service, Room 410, 5200 Auth Rd, Camp Springs, MD 20746.**

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

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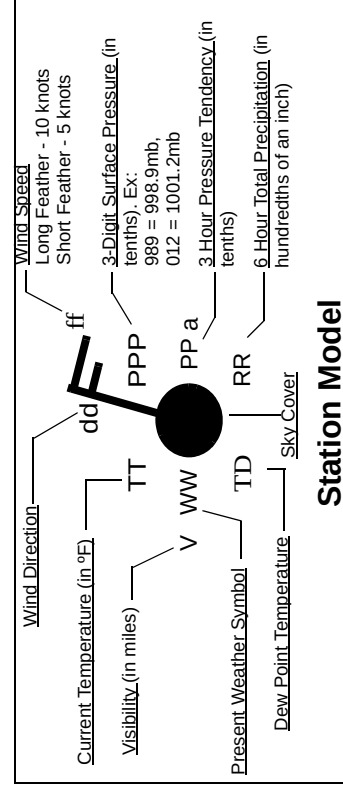
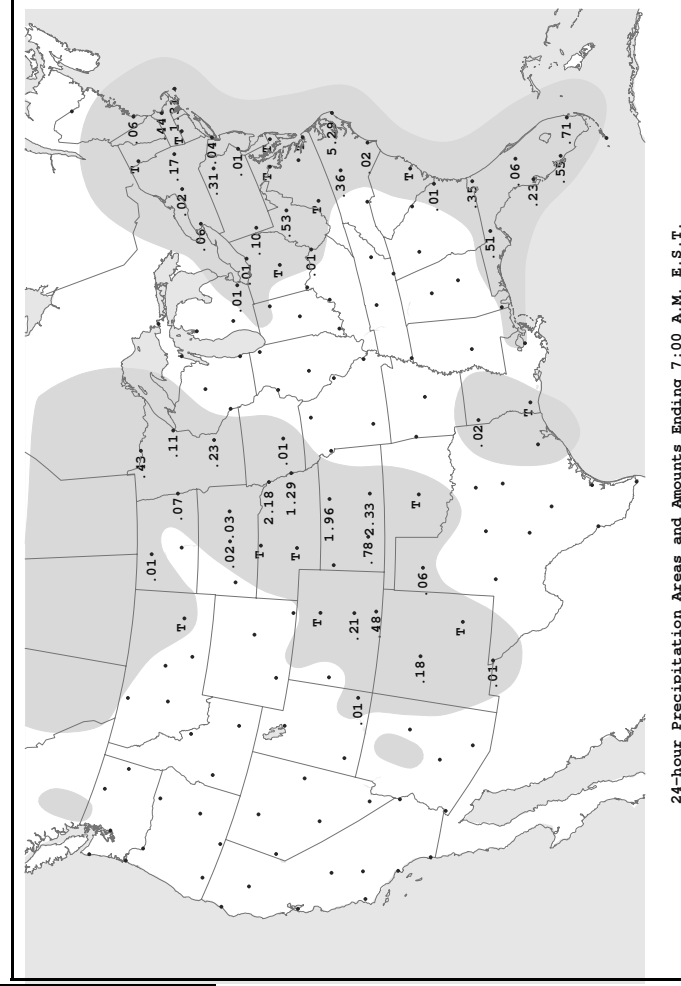
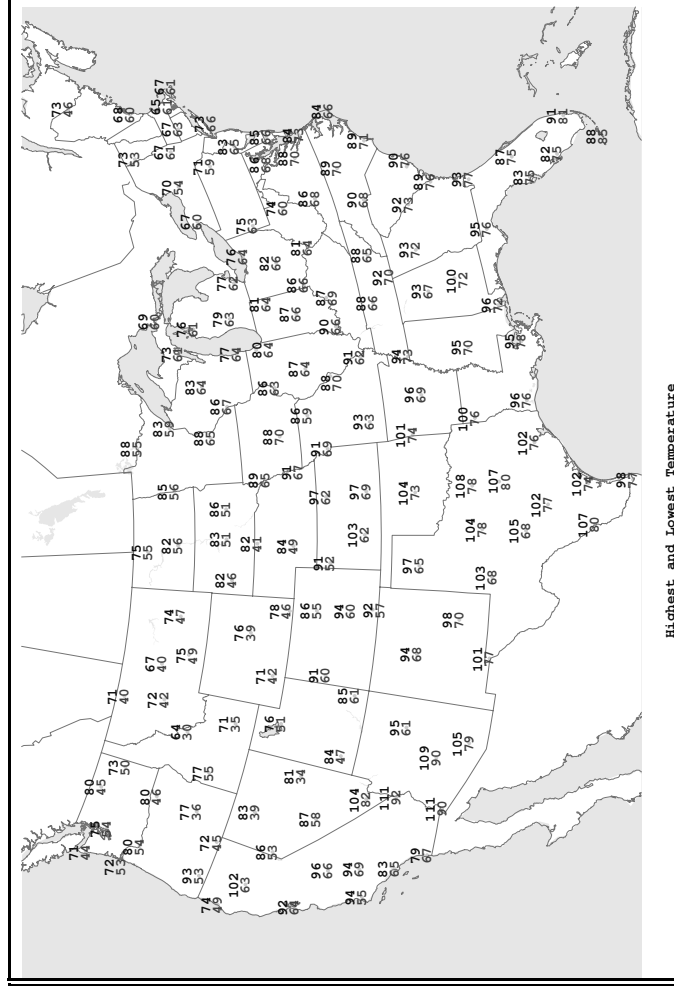
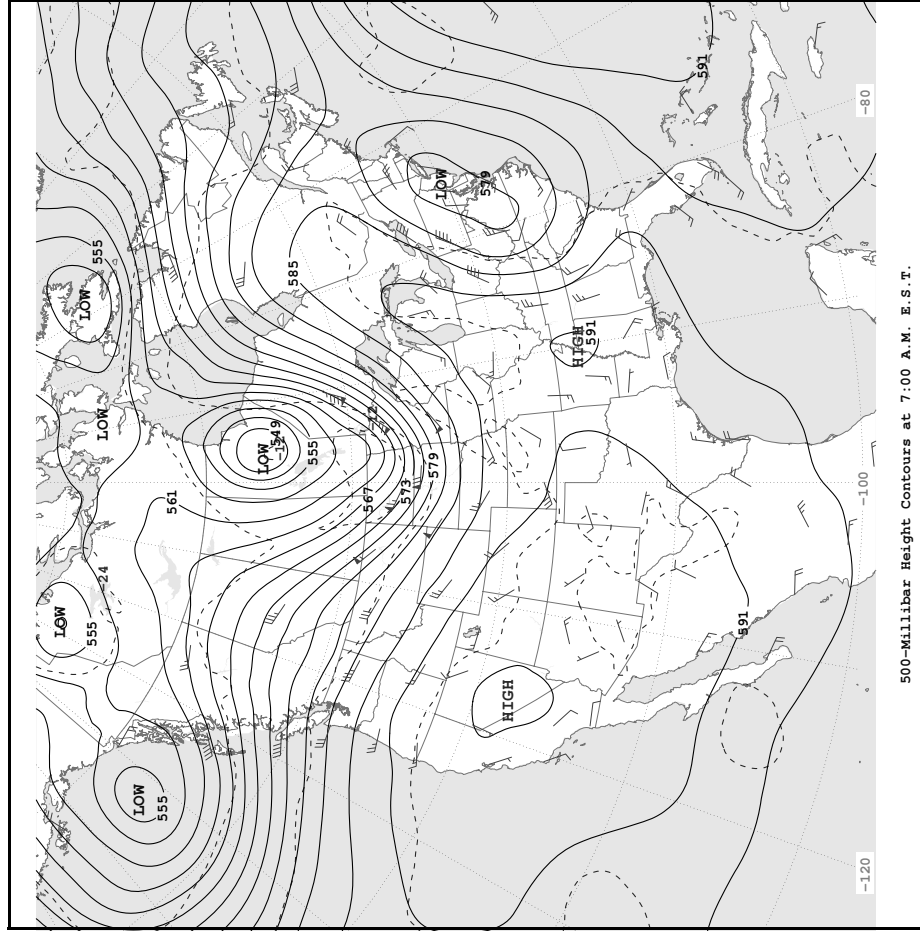
Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.



This is a detailed surface weather map of the United States and surrounding regions, showing pressure systems, fronts, and station data at 7:00 A.M. E.S.T. The map includes isobars, isotherms, and various weather symbols. A scale bar at the bottom right indicates distances from 0 to 500 NM. The map is titled "Surface Weather Map and Station Weather at 7:00 A.M. E.S.T."

The map shows a low-pressure system (LOW 992) over the central United States, with a high-pressure system (HIGH 1020) to the north. A cold front (indicated by a line with triangles) extends from the low-pressure system towards the south. A warm front (indicated by a line with semicircles) extends from the low-pressure system towards the east. The map also shows various weather symbols, including clouds, precipitation, and wind direction and speed. The scale bar at the bottom right indicates distances from 0 to 500 NM. The map is titled "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.



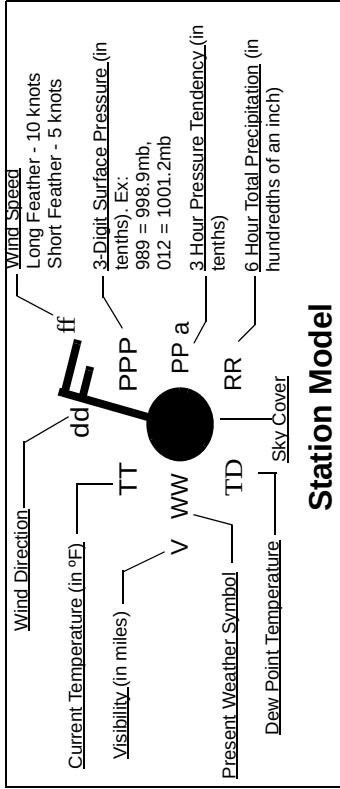
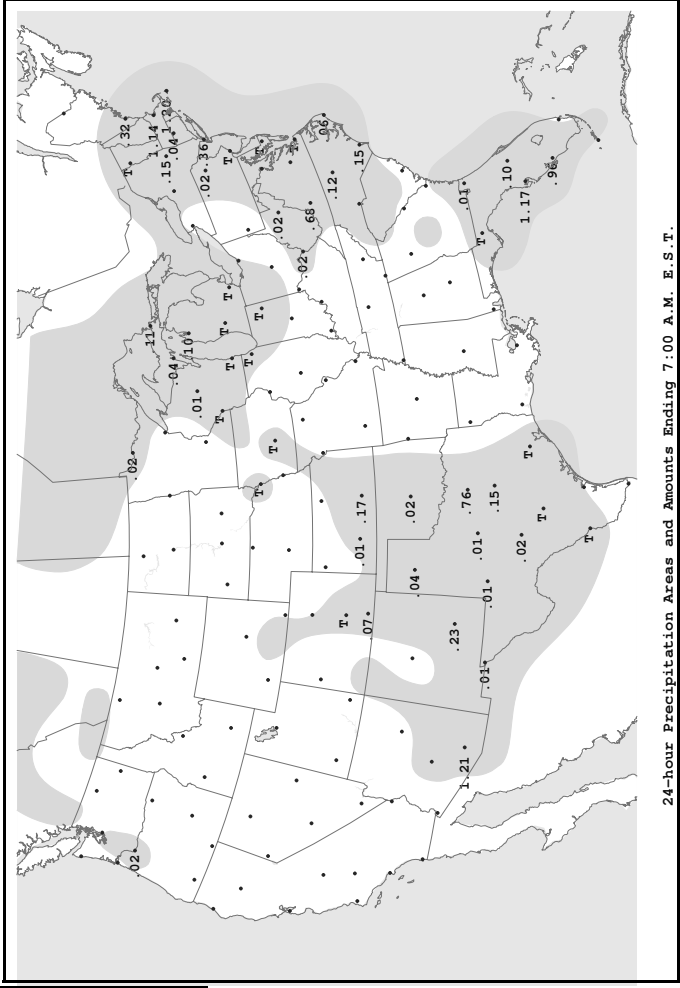
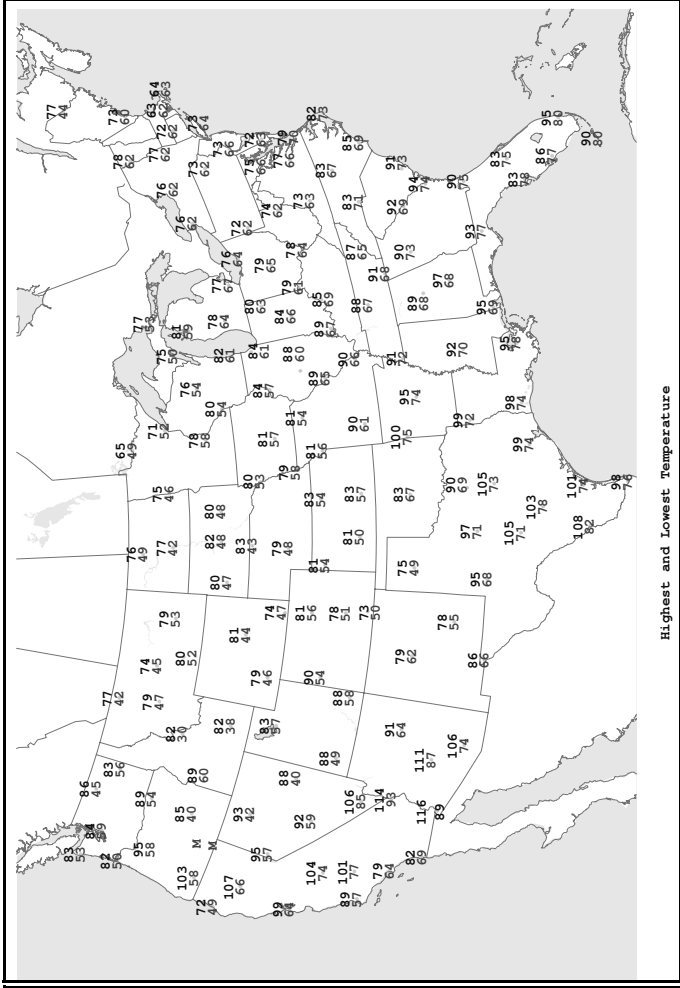
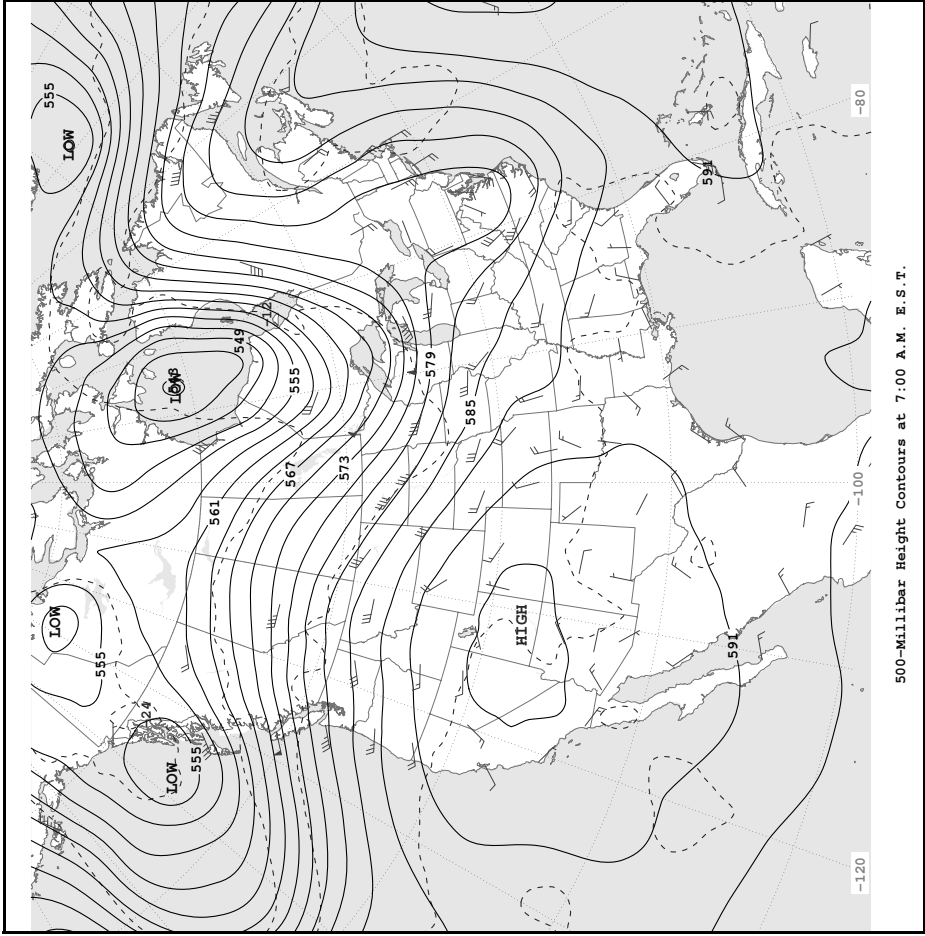
TUESDAY, AUGUST 24, 2010

This is a detailed surface weather map of the United States and surrounding regions, showing pressure systems, fronts, and station data at 7:00 A.M. E.S.T. The map includes isobars, isotherms, and various weather symbols. A scale bar at the bottom indicates distances from 0 to 500 NM. The map is titled "Surface Weather Map and Station Weather at 7:00 A.M. E.S.T."

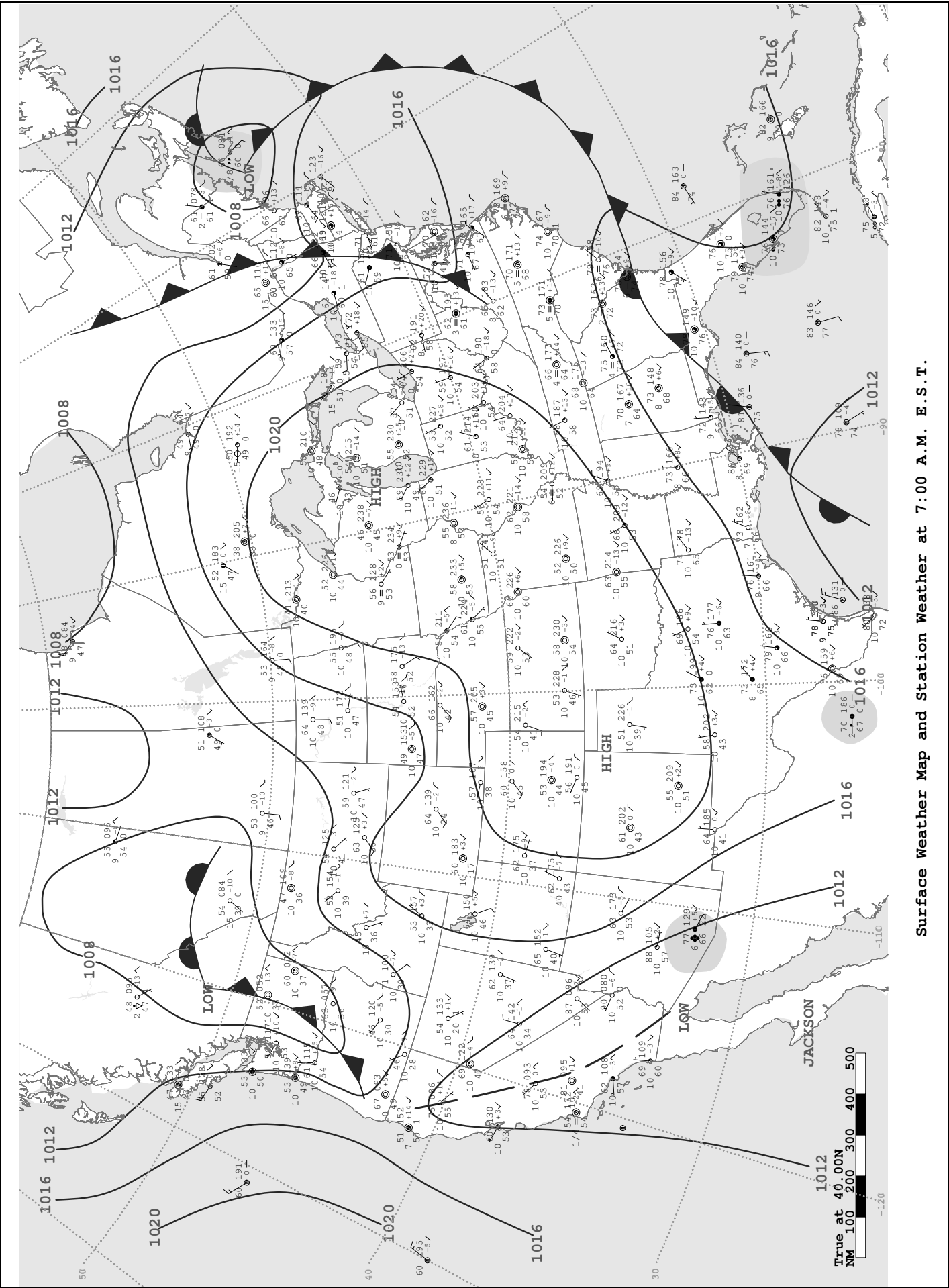
The map shows a high-pressure system (H) over the central United States, with isobars ranging from 1016 to 1024. A low-pressure system (L) is located off the East Coast, with isobars ranging from 1008 to 1016. Another low-pressure system is visible over the Gulf of Mexico, with isobars ranging from 1008 to 1012. The map also shows various weather fronts, including cold fronts (indicated by lines with triangles) and warm fronts (indicated by lines with semicircles). Station data is provided for numerous locations, including temperature, dew point, and wind speed and direction. The map is titled "Surface Weather Map and Station Weather at 7:00 A.M. E.S.T."

True at 40,00N
NW 100 200 300 400 500
-120

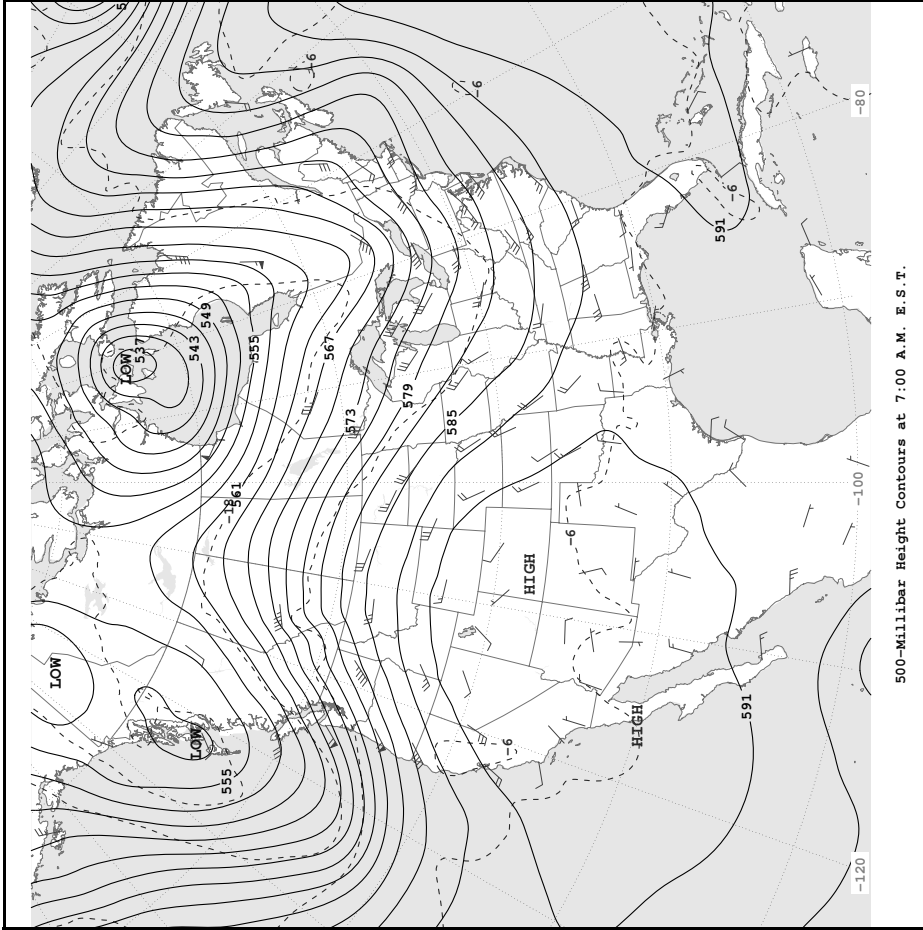
Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.



WEDNESDAY, AUGUST 25, 2010



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.

Wind Direction

Current Temperature (in °F)

Visibility (in miles)

Present Weather Symbol

Dew Point Temperature

Wind Speed

Long Feather - 10 knots

Short Feather - 5 knots

3-Digit Surface Pressure (in tenths) Ex:

989 = 998.9mb

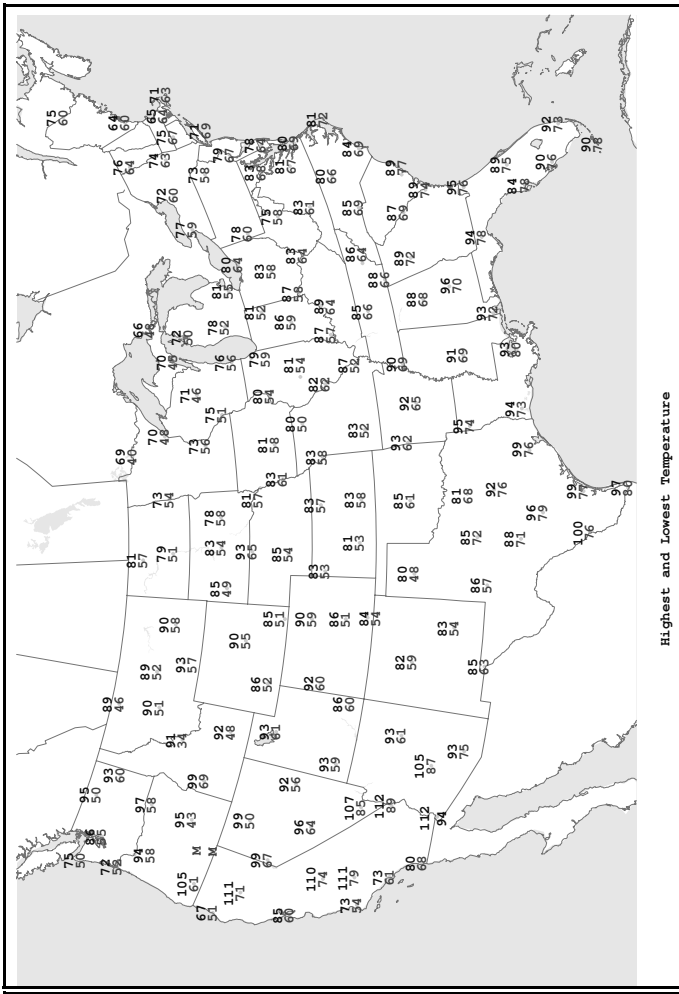
012 = 1001.2mb

3 Hour Pressure Tendency (in tenths)

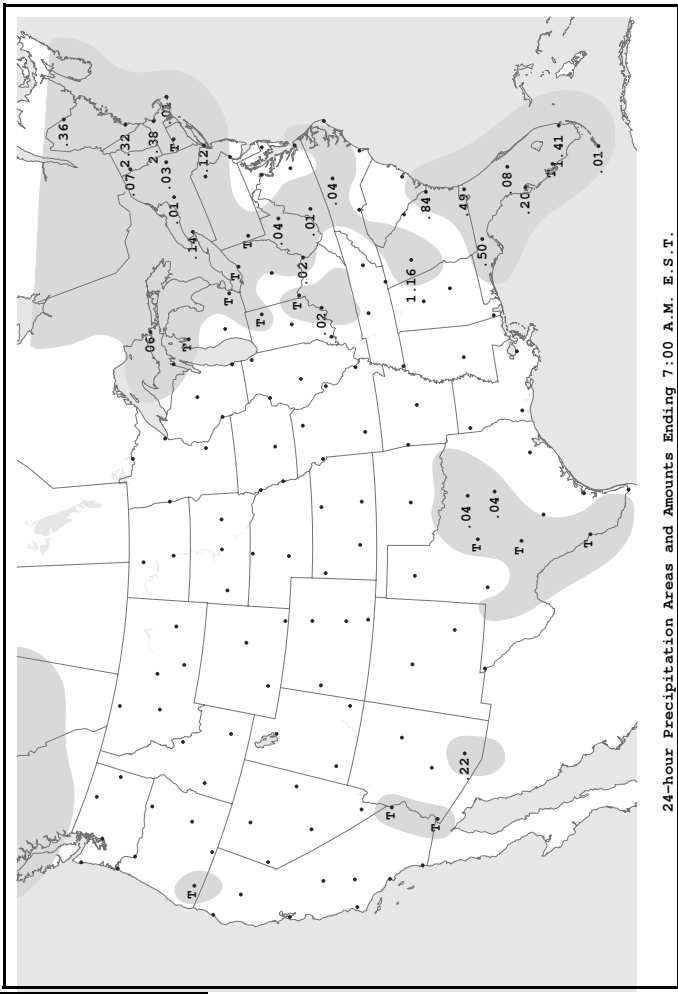
6 Hour Total Precipitation (in hundredths of an inch)

Sky Cover

Station Model

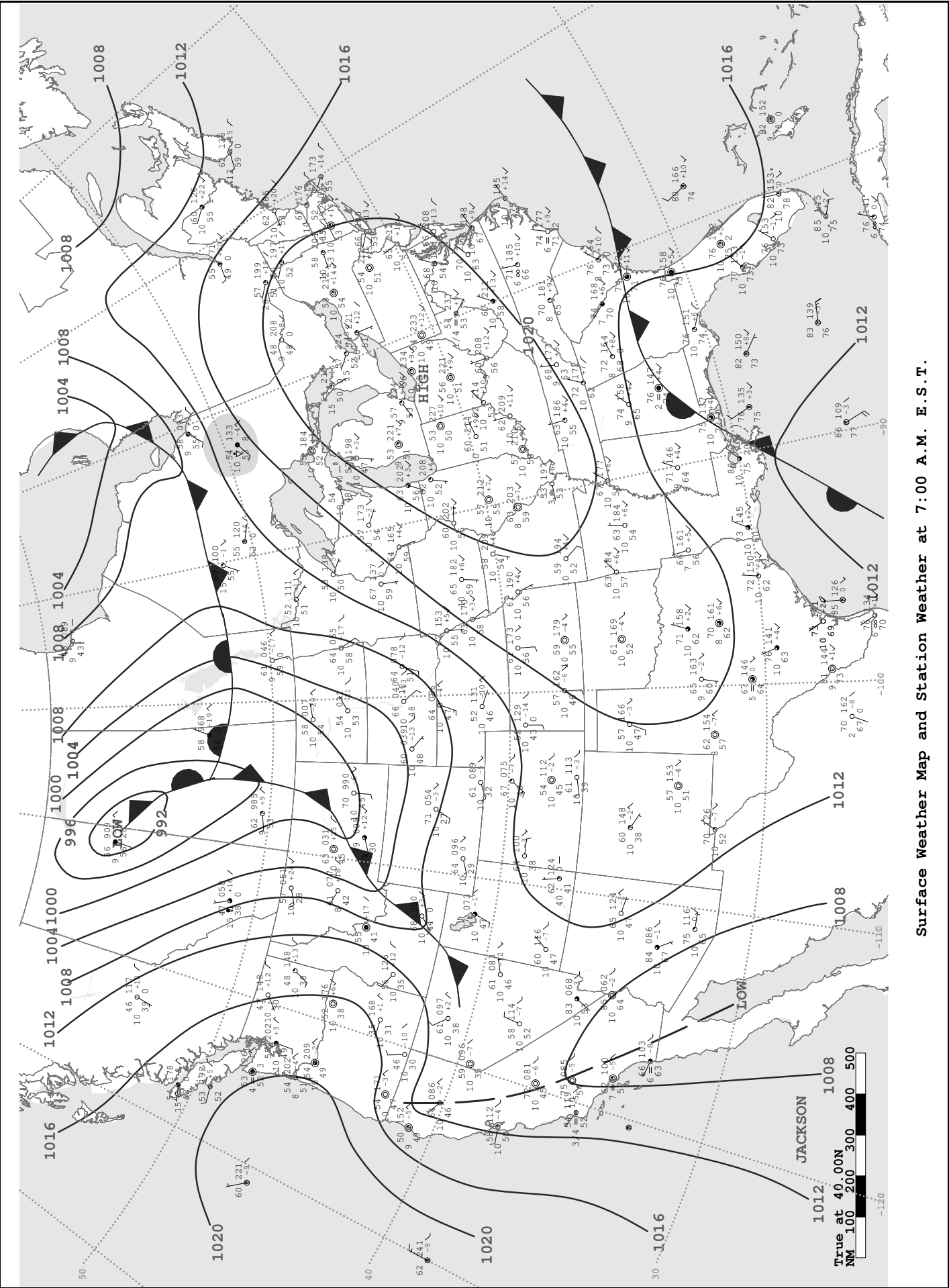


Highest and Lowest Temperature

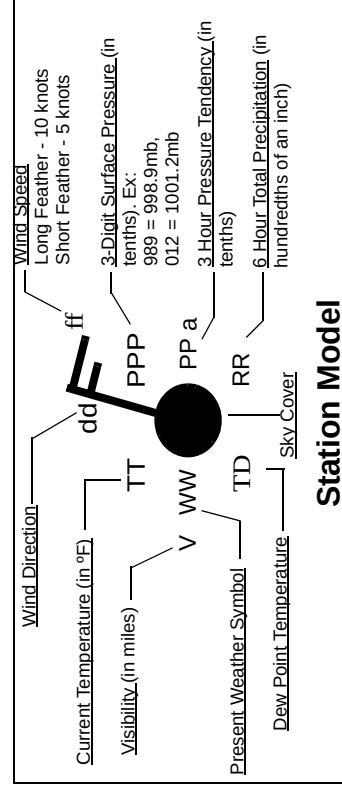
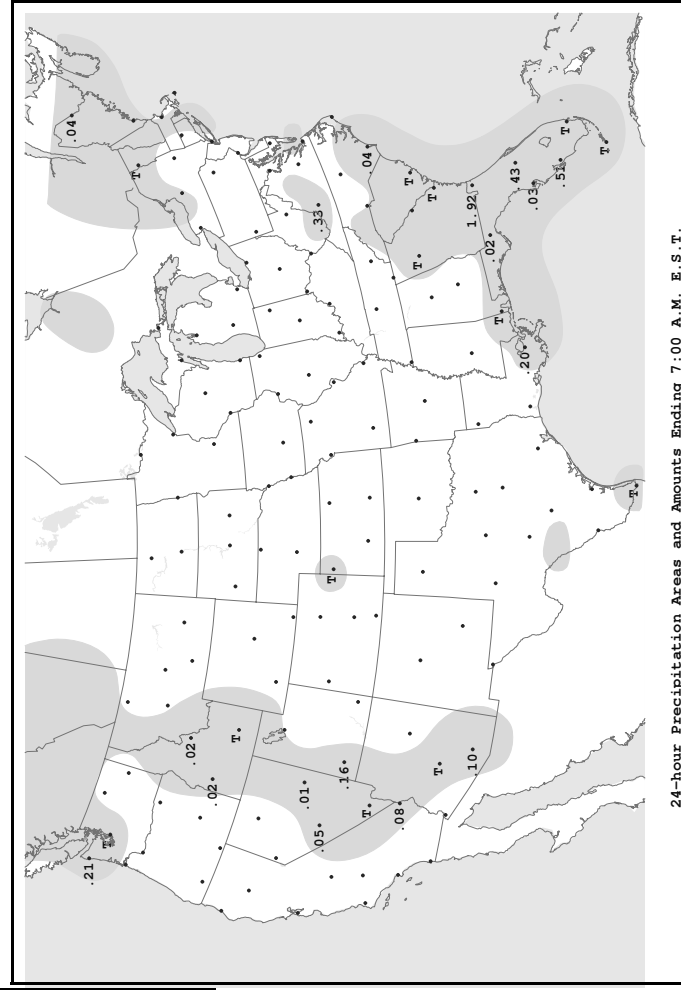
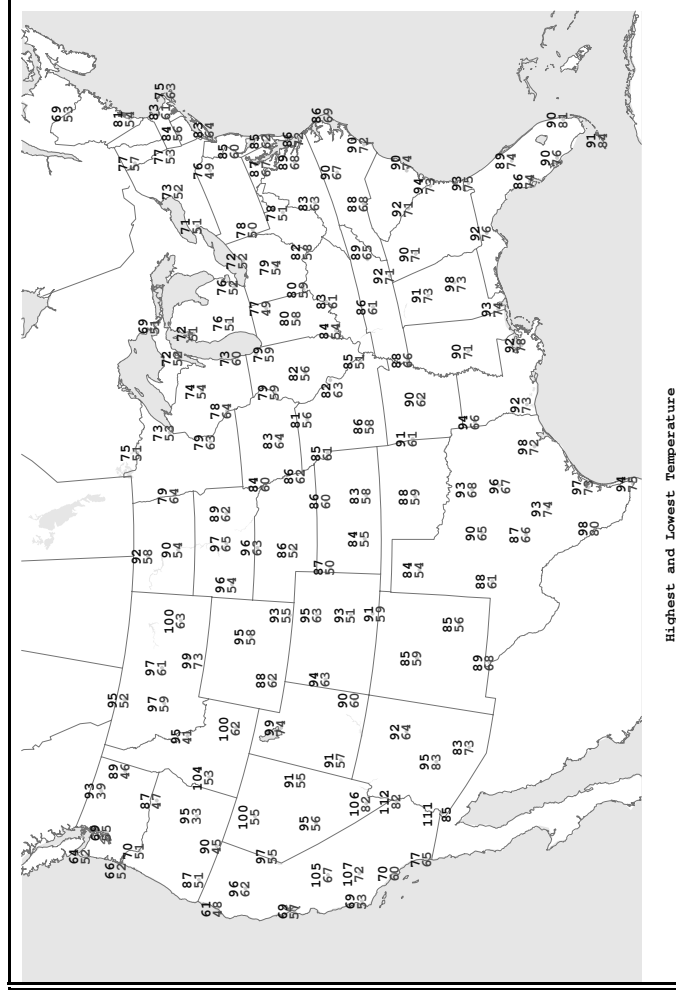
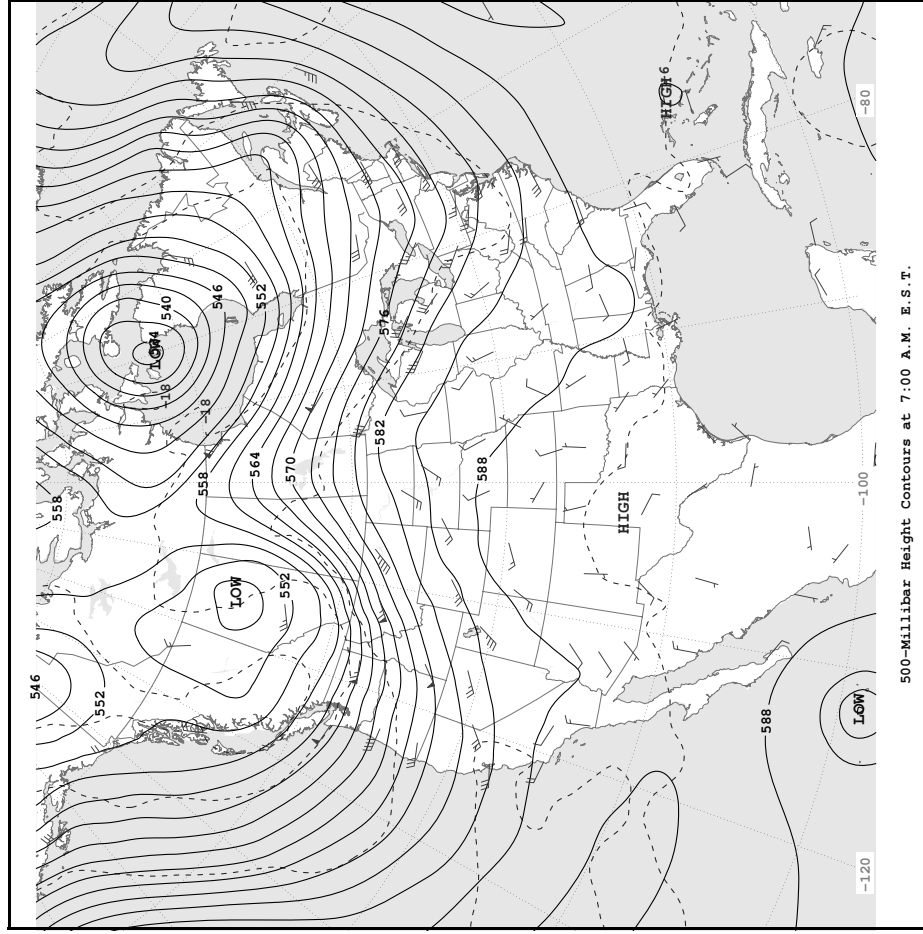


24-hour Precipitation Areas and Amounts Ending 7:00 A.M. E.S.T.

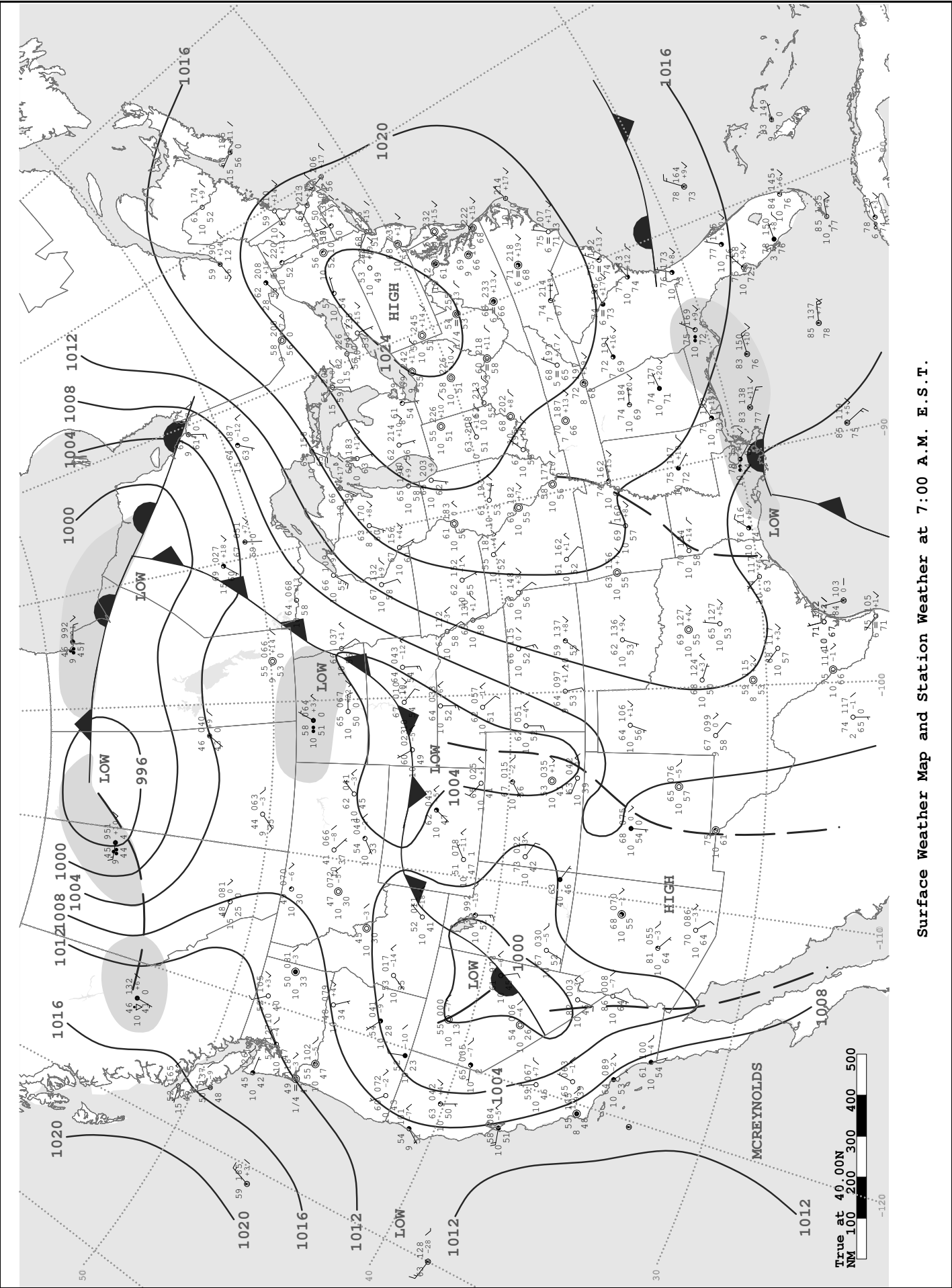
THURSDAY, AUGUST 26, 2010



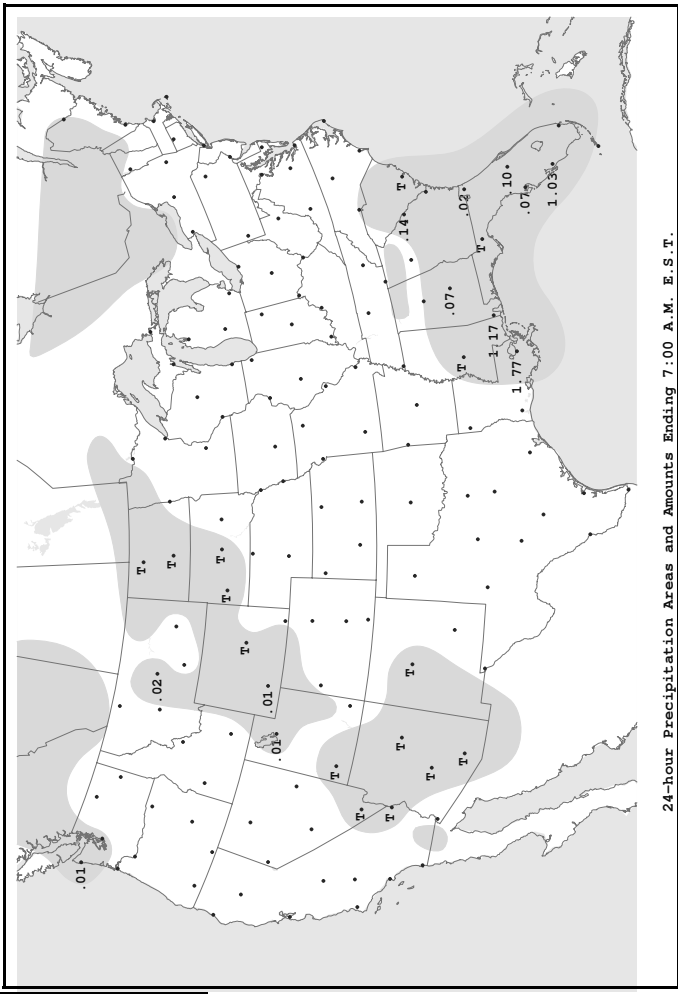
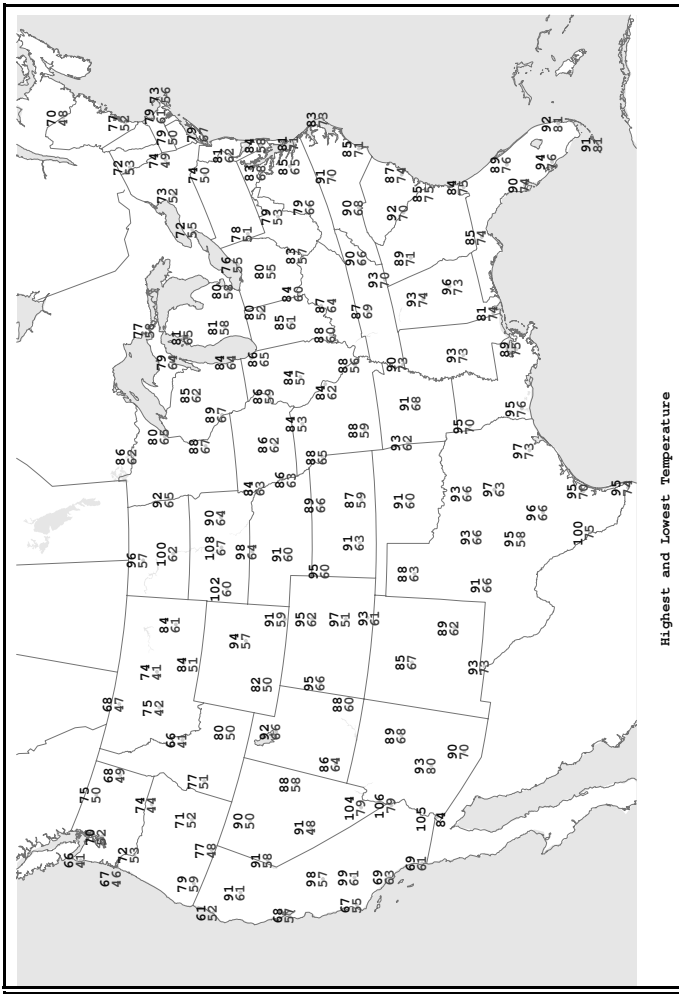
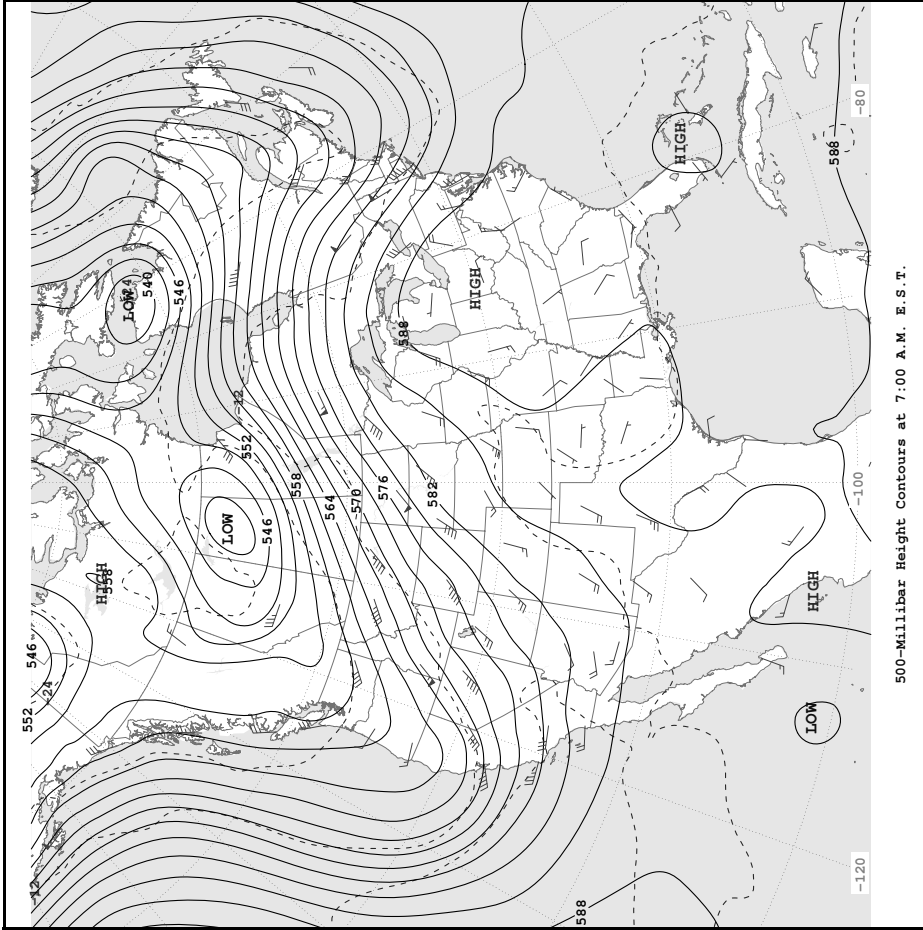
Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.



FRIDAY, AUGUST 27, 2010



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



Wind Direction

Current Temperature (in °F)

Visibility (in miles)

Present Weather Symbol

Dew Point Temperature

Wind Speed

Long Feather - 10 knots

Short Feather - 5 knots

3-Digit Surface Pressure (in tenths) Ex:

989 = 998.9mb,

012 = 1001.2mb

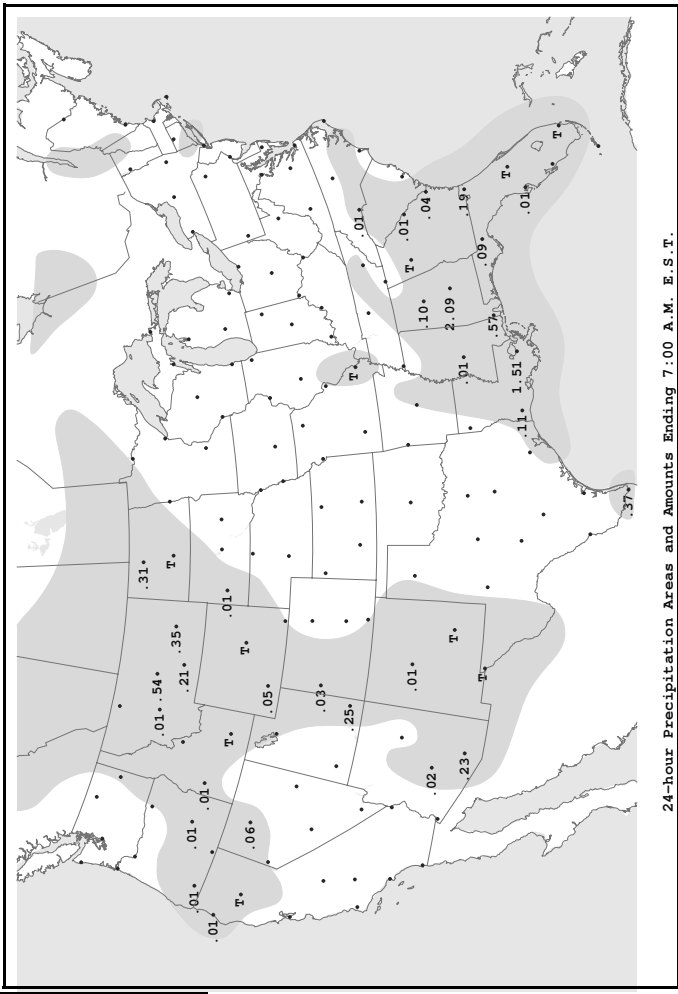
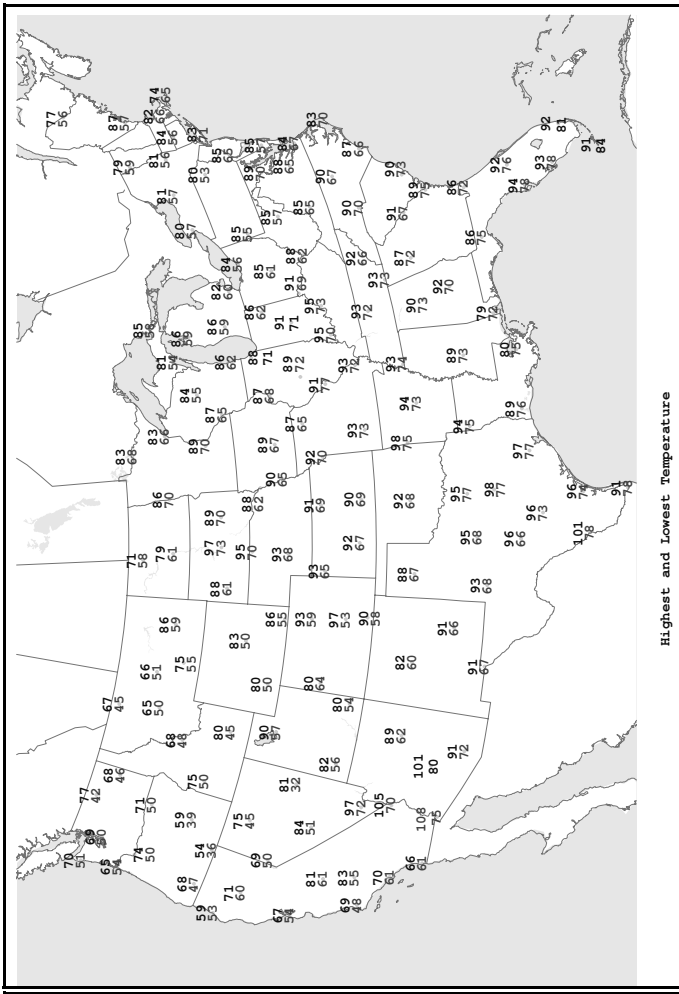
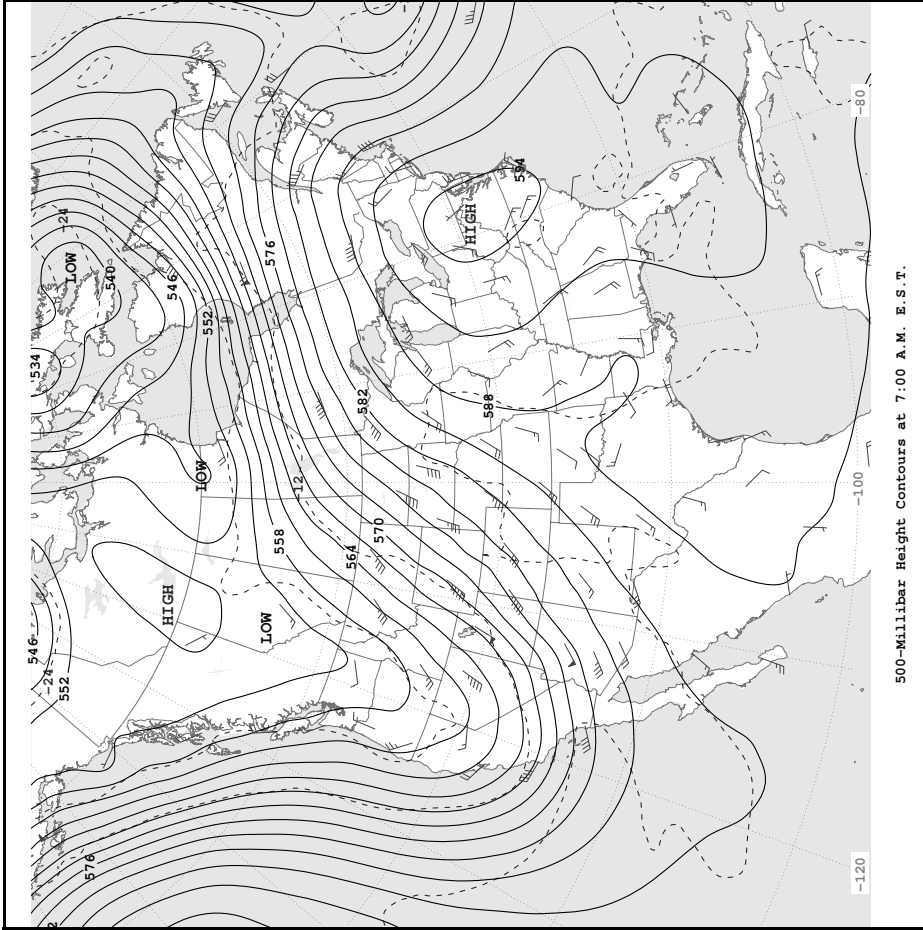
3 Hour Pressure Tendency (in tenths)

6 Hour Total Precipitation (in hundredths of an inch)

Station Model

SATURDAY, AUGUST 28, 2010

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



Wind Direction

Current Temperature (in °F)

Visibility (in miles)

Present Weather Symbol

Dew Point Temperature

Wind Speed

Long Feather - 10 knots

Short Feather - 5 knots

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

3 Hour Pressure Tendency (in tenths)

6 Hour Total Precipitation (in hundredths of an inch)

Station Model

SUNDAY, AUGUST 29, 2010

NOAA/NWS/NCEP/HPC
Daily Weather Maps, W/NP3
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Camp Springs, MD 20746-4304

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