



Daily Weather Maps

AUGUST 18, 2014 - AUGUST 24, 2014

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, Weather 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. through 7:00 p.m. LST the previous day and the minimum temperature for the period from 7:00 p.m. LST the previous day through 8 a.m. The maximum temperature is plotted above the station location and the minimum temperature is plotted below.

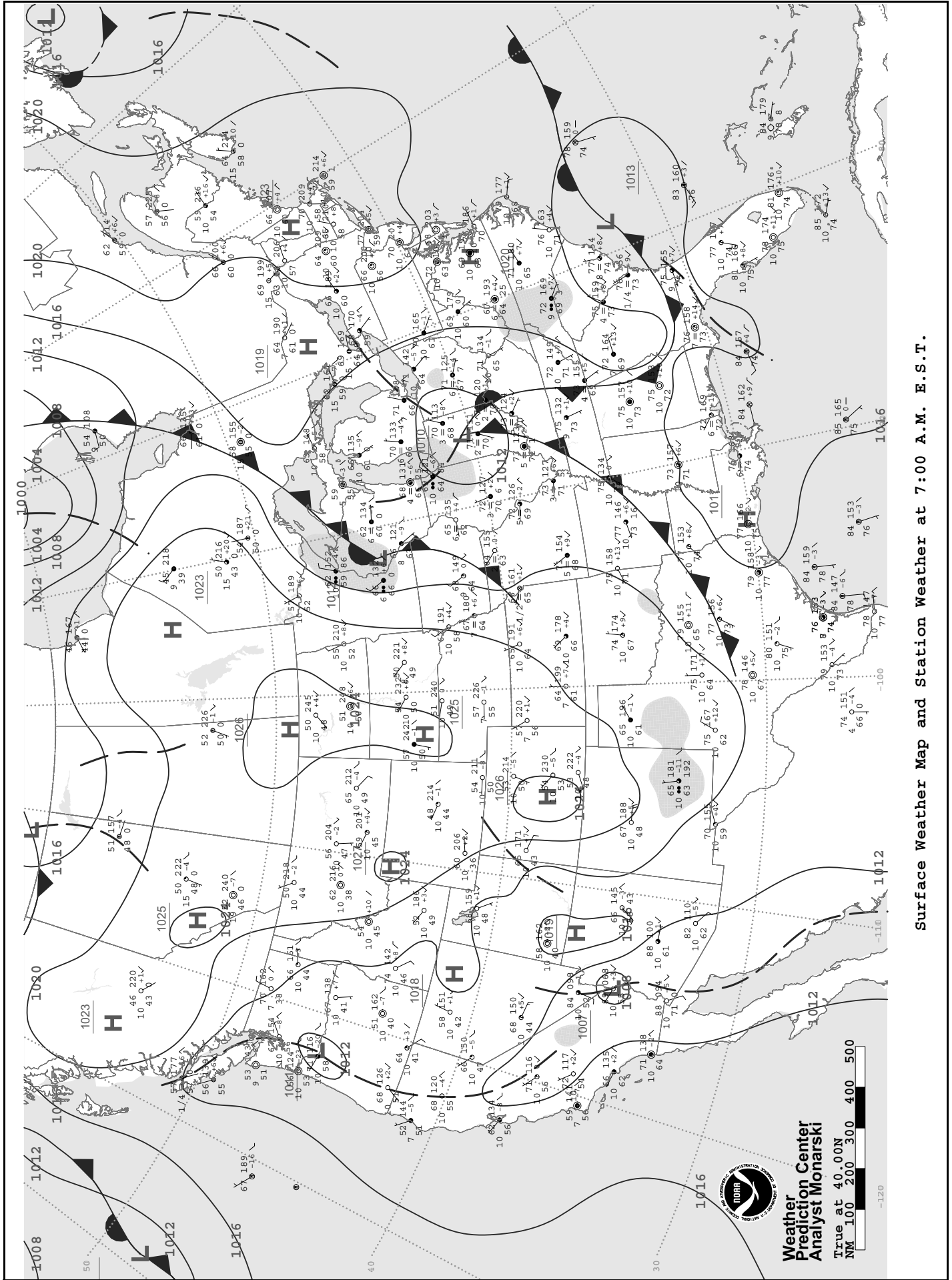
The Precipitation Areas and Amounts chart shows areas (shaded) that had precipitation during the 24 hours ending at 7:00 a.m. EST, with amounts to the nearest hundredth of an inch. "T" indicates a trace of precipitation.

The *Daily Weather Map* is published weekly by the U.S. Department of Commerce, National Oceanic and Atmospheric Administration (NOAA). NOAA and IMC are responsible for managing, printing, and distributing the bulletin. The contents may be reprinted freely, with proper credit.

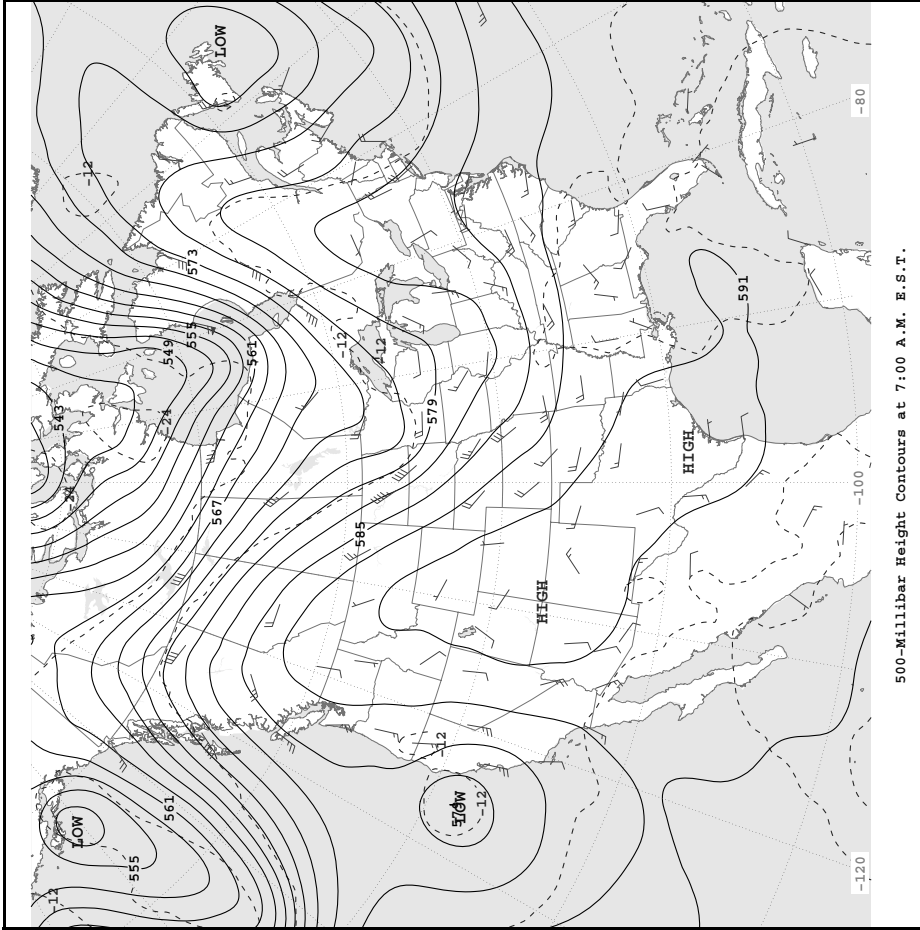
Correspondence to the meteorologists should be directed to: *Daily Weather Map*, NOAA/National Weather Service, Room 4640, 5830 University Research Court, College Park, MD 20740.

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

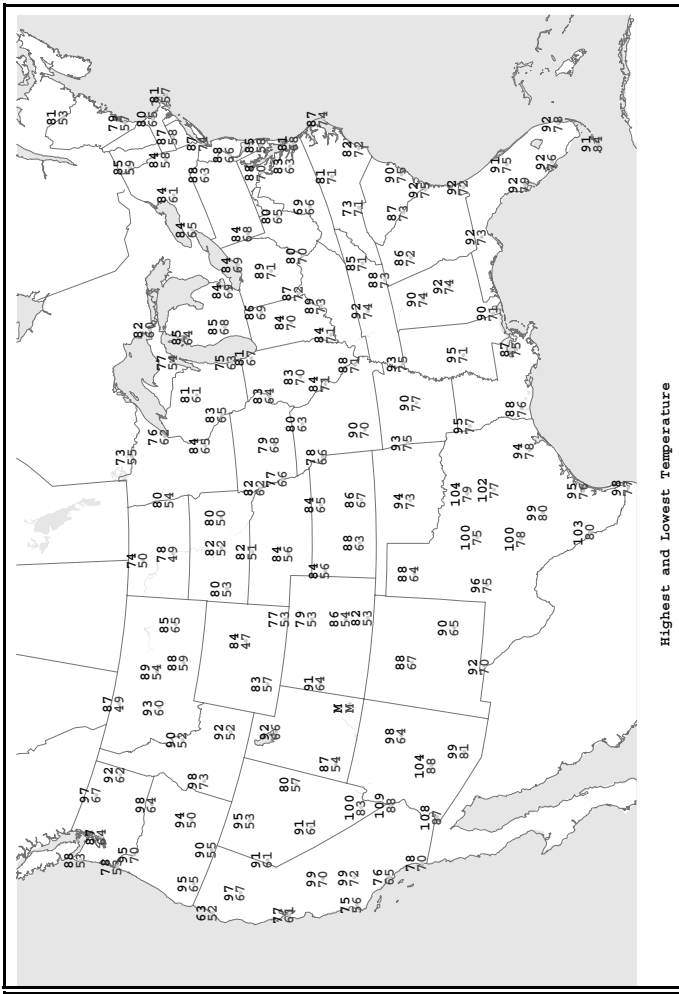
Current WPC products are available online at www.wpc.ncep.noaa.gov



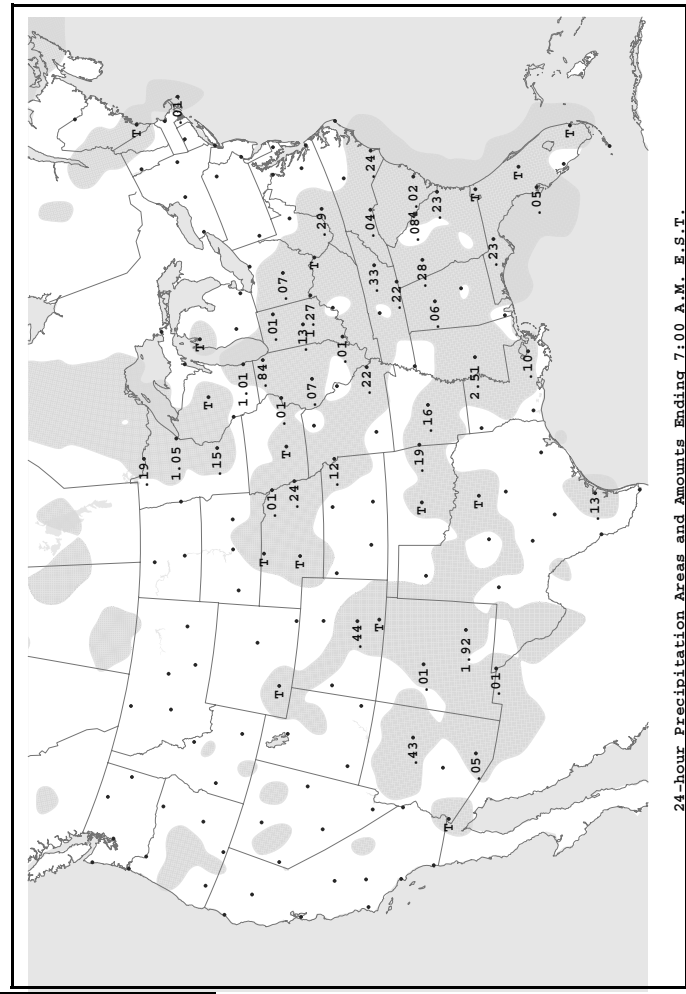
Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.



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.

Station Model

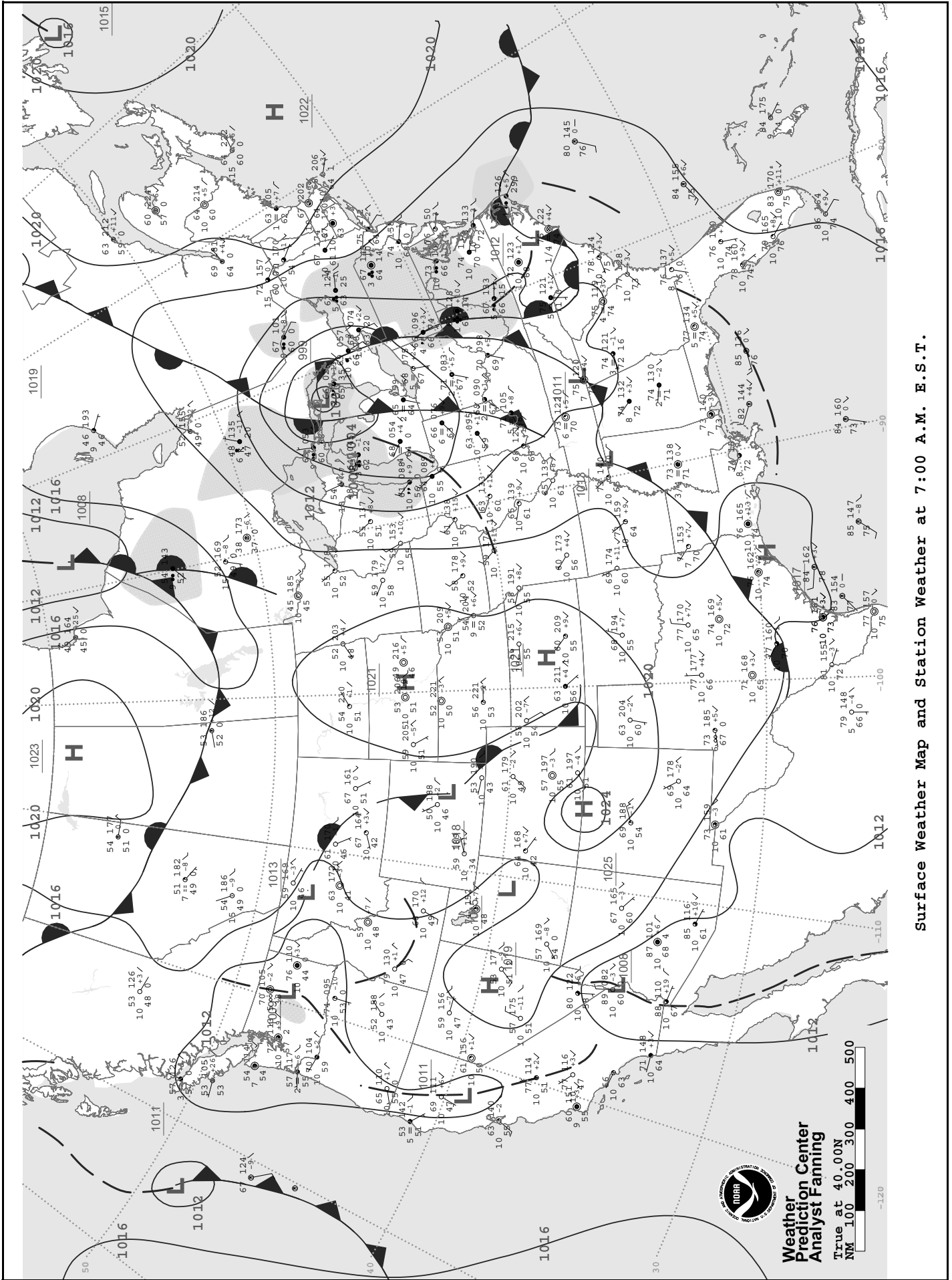
Wind Direction: **ff** — Wind Speed
 Long Feather - 10 knots
 Short Feather - 5 knots

Current Temperature (in °F): **F** — 3-Digit Surface Pressure (in tenths). Ex: 989 = 998.9mb, 012 = 1001.2mb

Visibility (in miles): **TT** — Present Weather Symbol: **PP** — Dew Point Temperature: **PP a** — Sky Cover: **RR**

3 Hour Pressure Tendency (in tenths): **PP** — 6 Hour Total Precipitation (in hundredths of an inch): **RR**

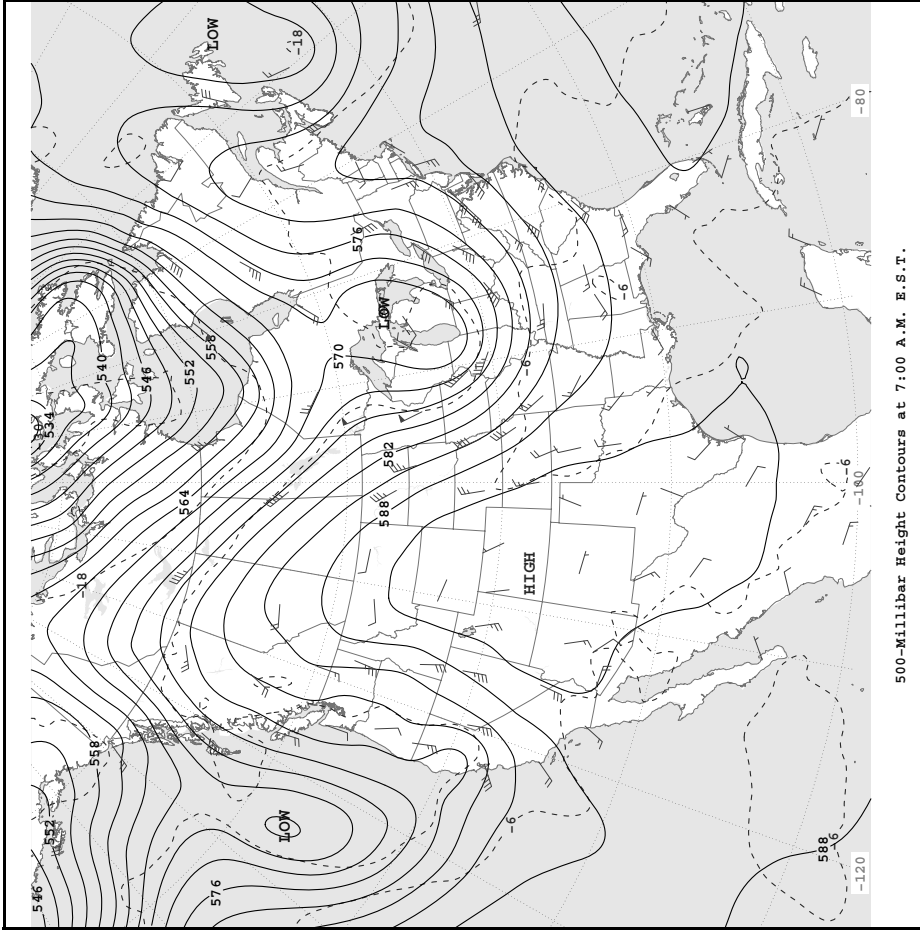
MONDAY, AUGUST 18, 2014



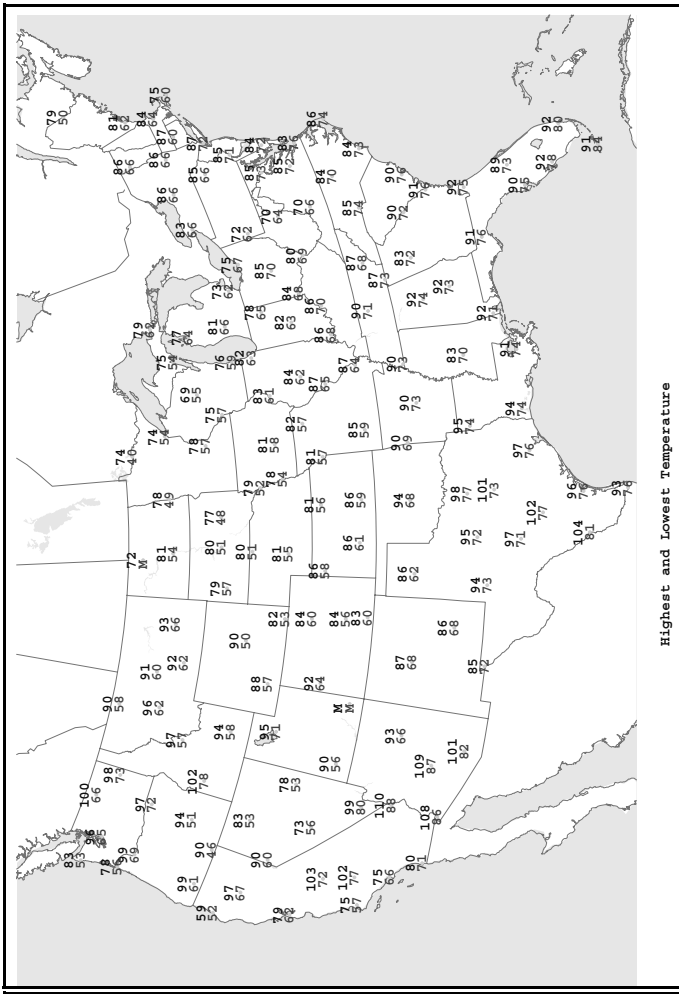
Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.

Weather Prediction Center
Analyst Fanning

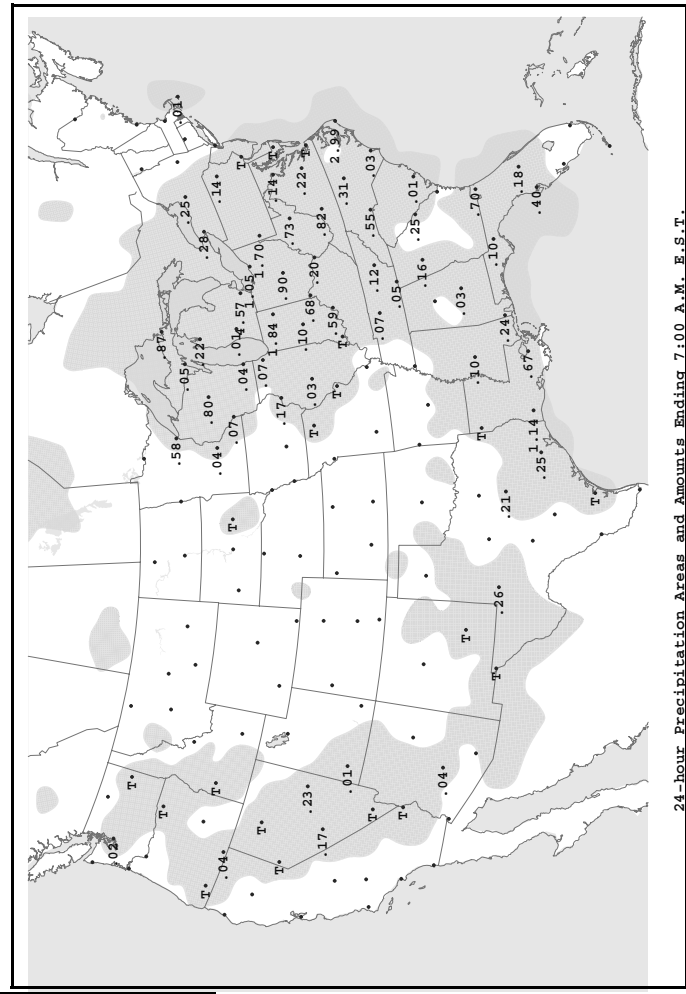
True at 40.00N
NM 100 200 300 400 500



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



Highest and Lowest Temperature

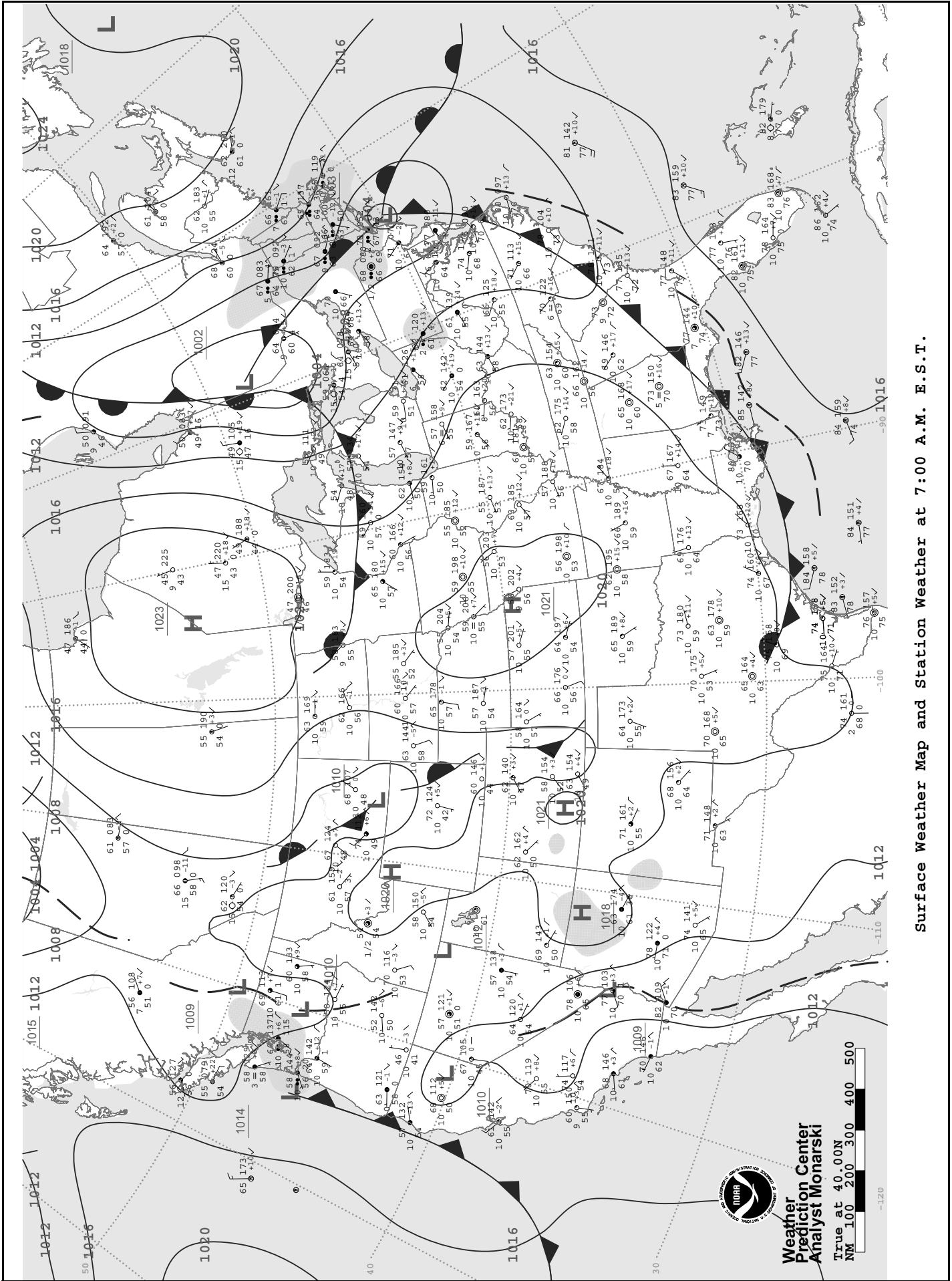


24-hour Precipitation Areas and Amounts Ending 7:00 A.M. E.S.T.

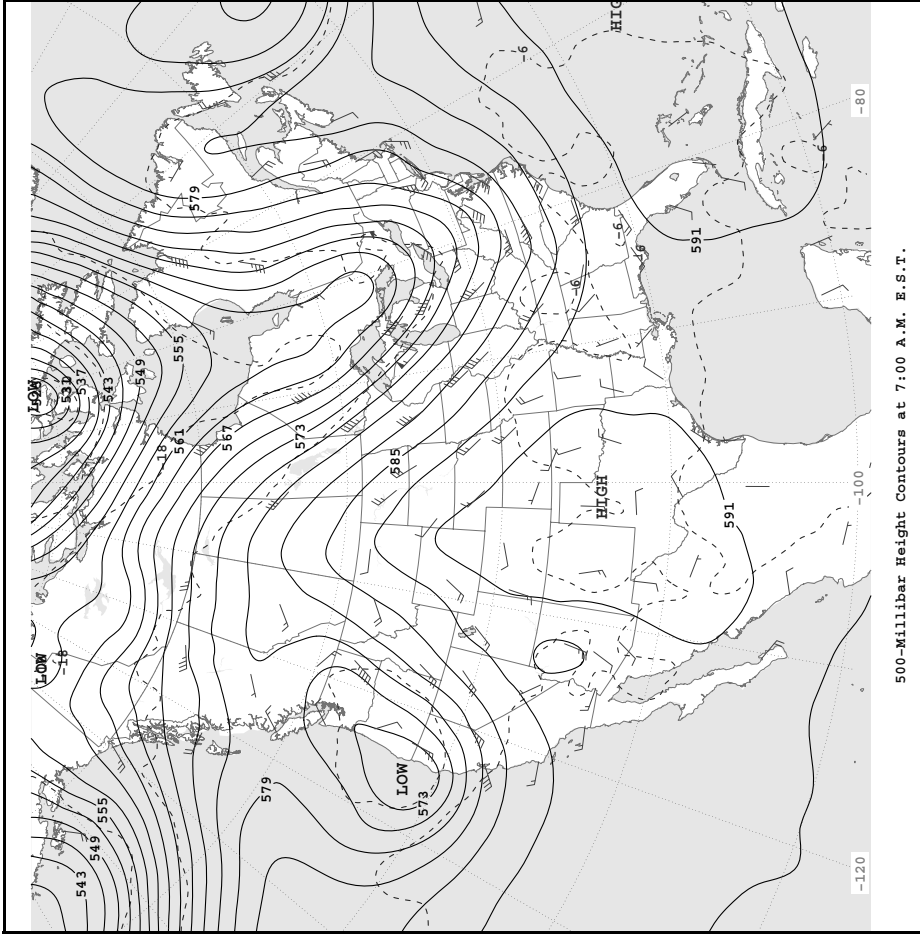
Station Model

Wind Direction ——— **Wind Speed**
 Long Feather - 10 knots
 Short Feather - 5 knots
Current Temperature (in °F) — **dd**
Visibility (in miles) — **V**
Present Weather Symbol — **TT**
Dew Point Temperature — **ff**
3-Digit Surface Pressure (in tenths), Ex: 989 = 998.9mb, 012 = 1001.2mb — **PPP**
3 Hour Pressure Tendency (in tenths) — **PP a**
3 Hour Total Precipitation (in hundredths of an inch) — **RR**
Sky Cover — **Sky_Cover**

TUESDAY, AUGUST 19, 2014



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



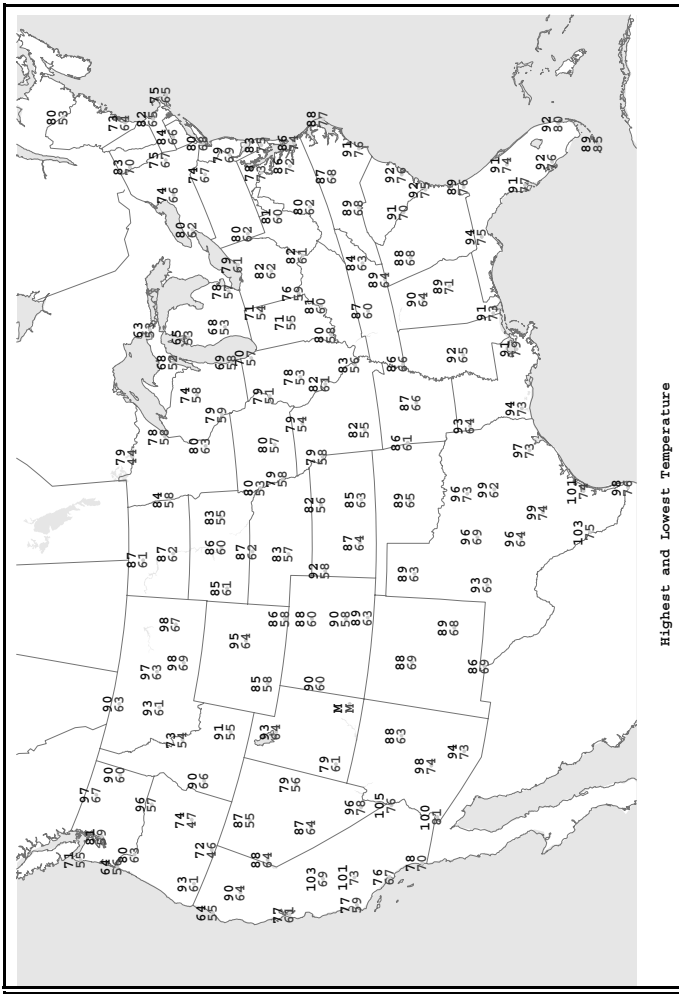
500-millibar Height Contours at 7:00 A.M. E.S.T.

Station Model

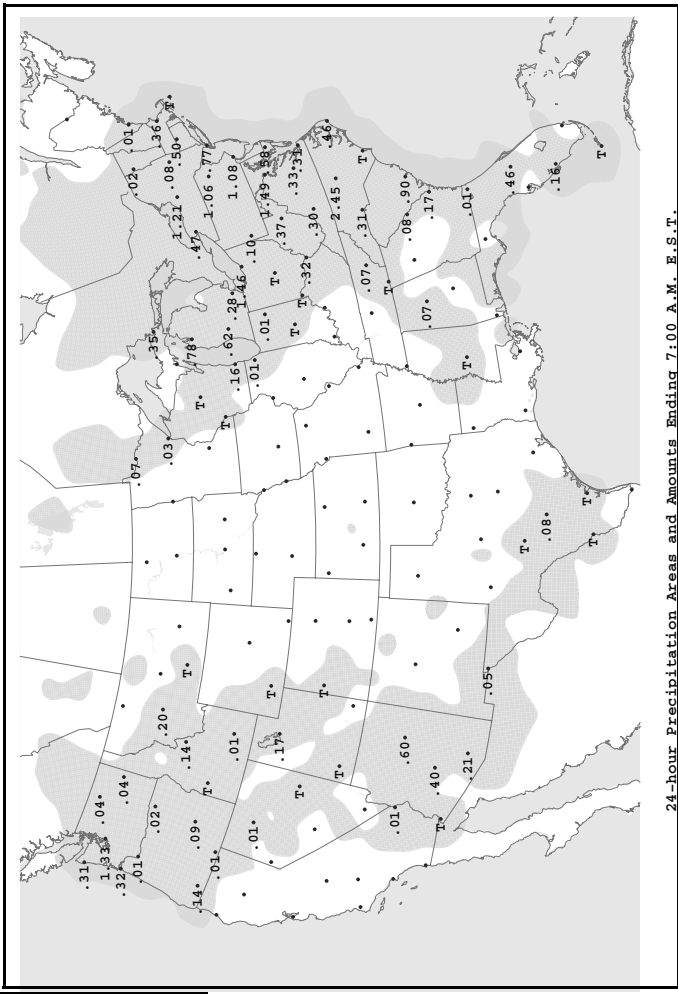
Wind Direction ———— Wind Speed
 Long Feather - 10 knots
 Short Feather - 5 knots

Current Temperature (in °F) ———— **F** ———— ft
 Visibility (in miles) ———— **dd** ———— PPP ———— 3-Digit Surface Pressure (in tenths). Ex: 989 = 998.9mb, 012 = 1001.2mb

Present Weather Symbol ———— **●** ———— PP a ———— 3 Hour Pressure Tendency (in tenths)
 Dew Point Temperature ———— **TT** ———— RR ———— 6 Hour Total Precipitation (in hundredths of an inch)
 Sky Cover ———— **V** ———— WW ———— Sky Cover

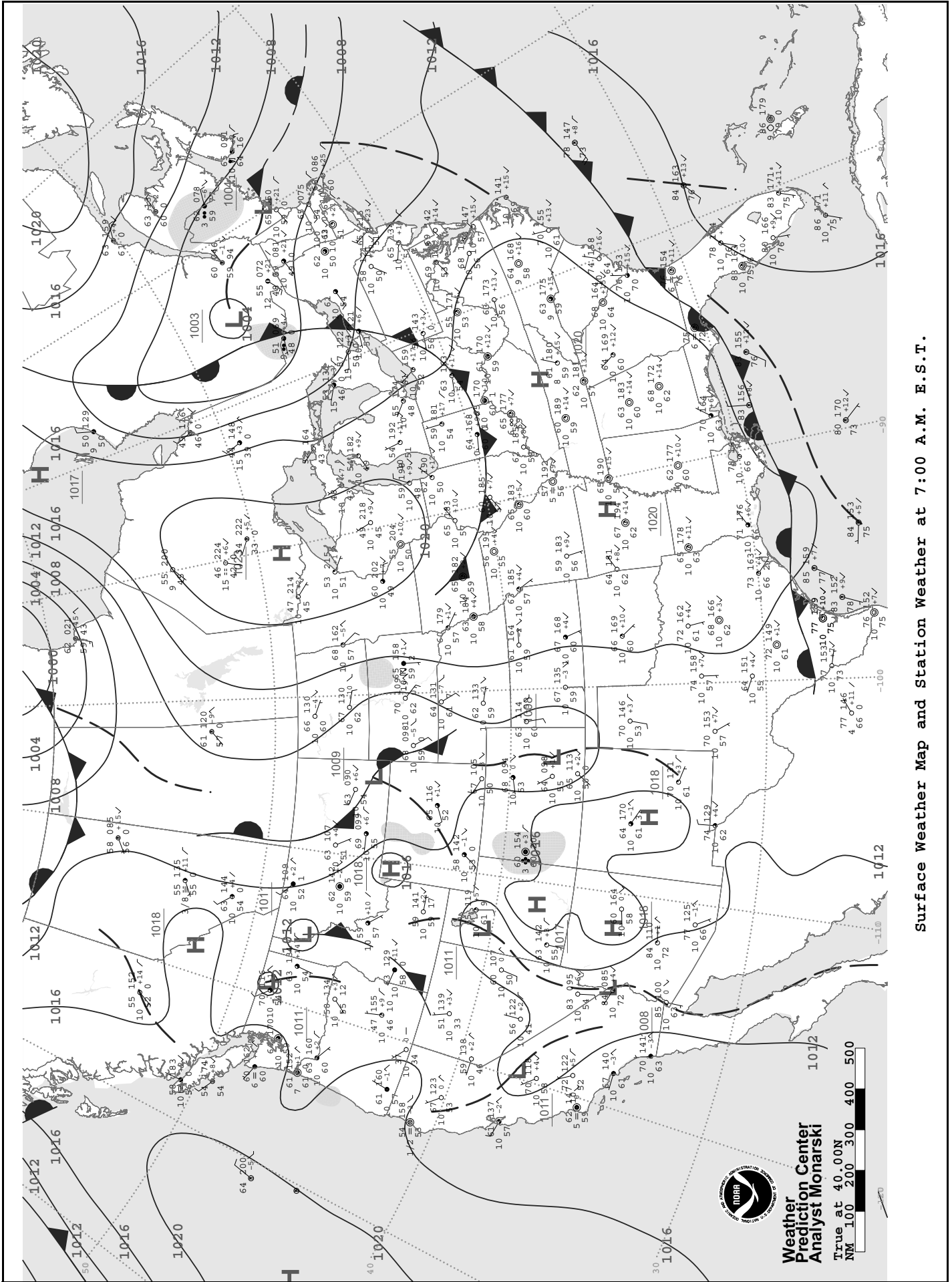


Highest and Lowest Temperature

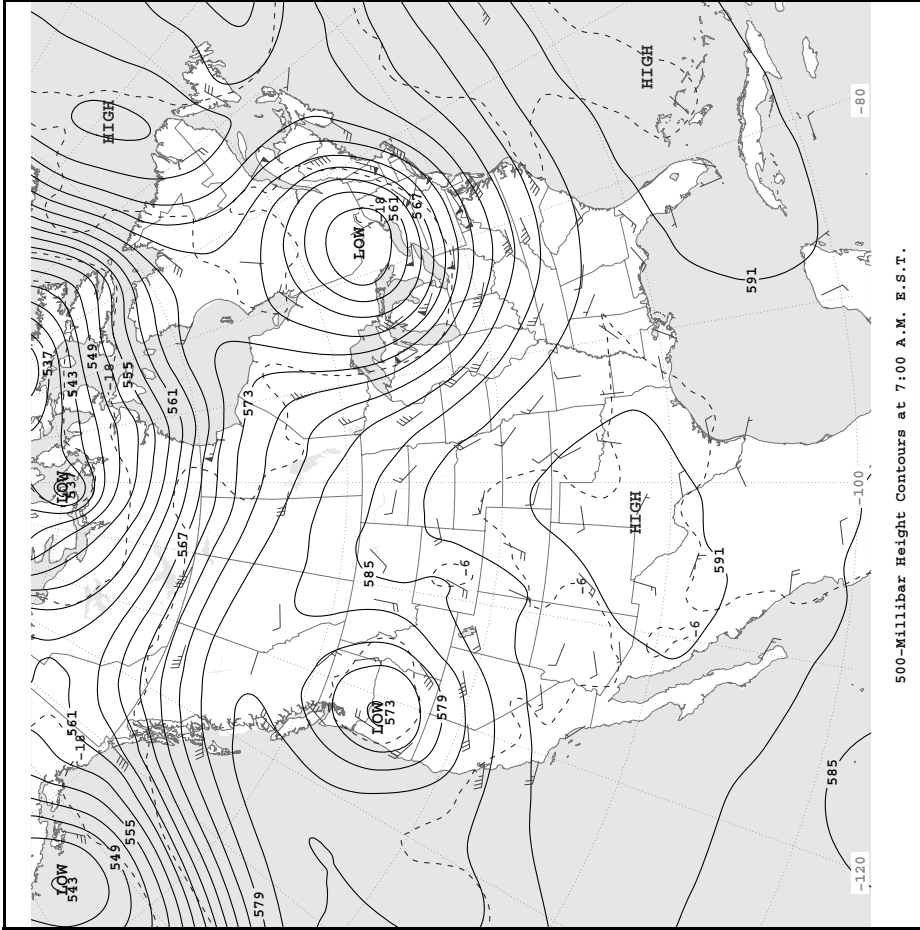


24-hour Precipitation Areas and Amounts Ending 7:00 A.M. E.S.T.

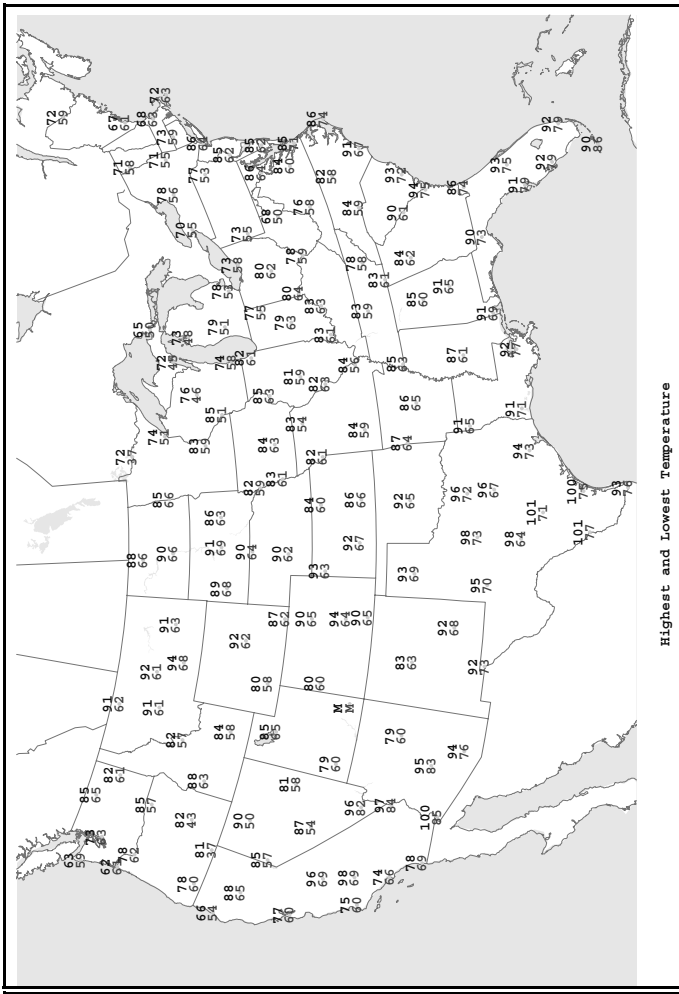
WEDNESDAY, AUGUST 20, 2014



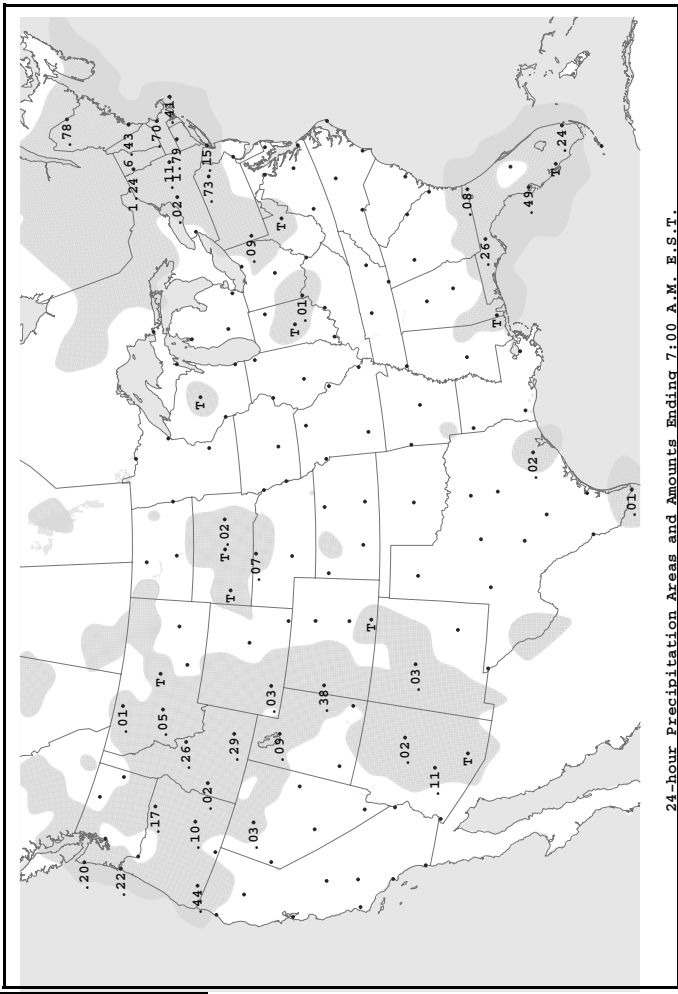
Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.



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



Highest and Lowest Temperature

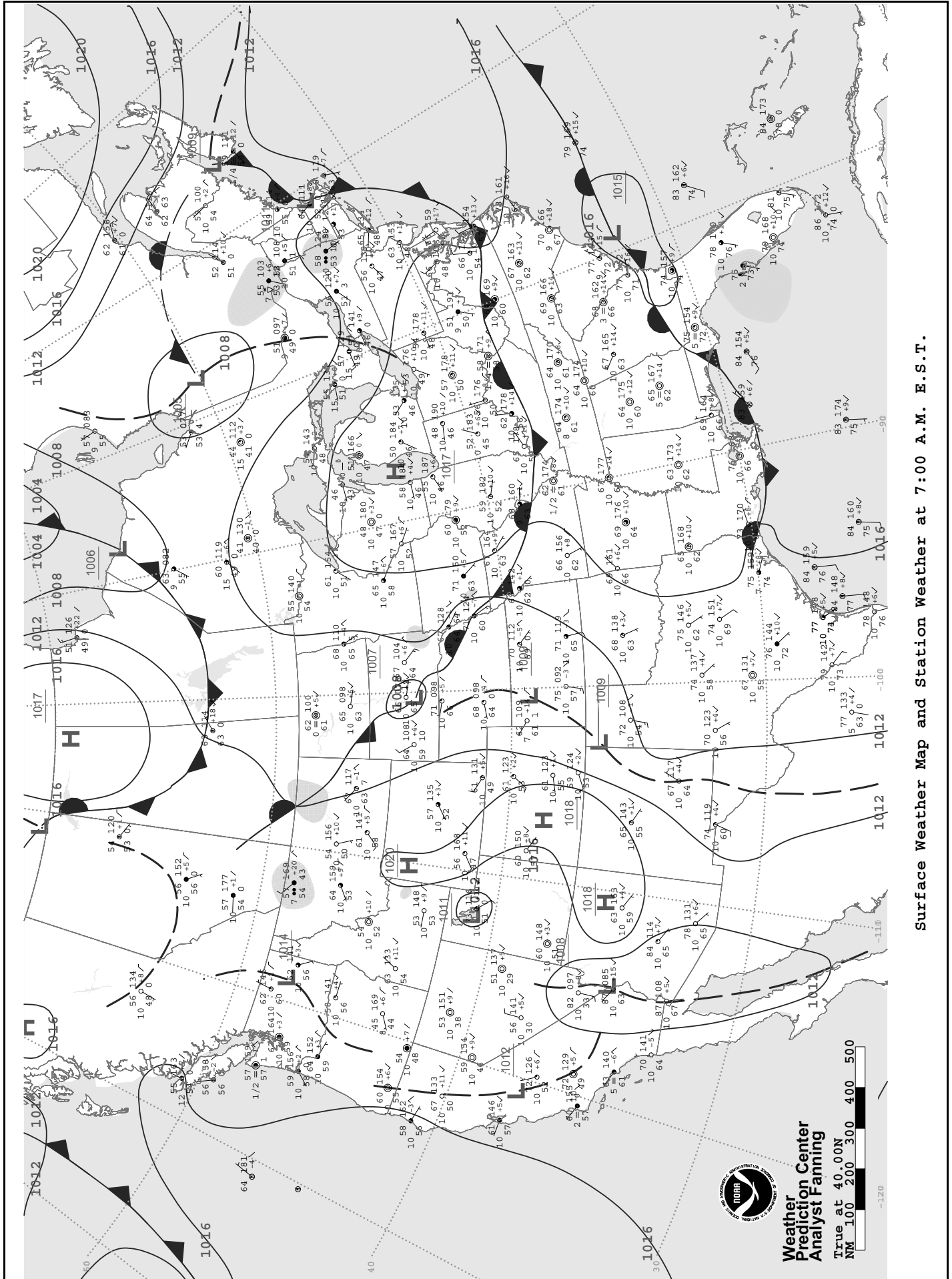


24-hour Precipitation Areas and Amounts Ending 7:00 A.M. E.S.T.

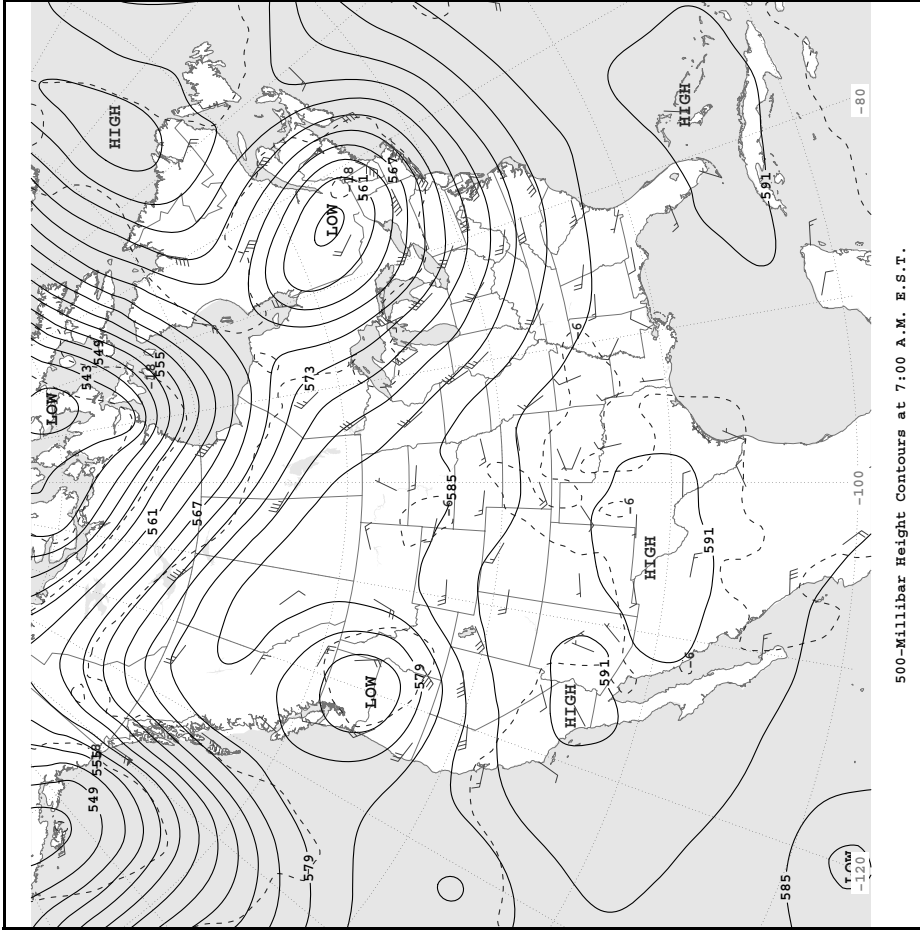
Station Model

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

THURSDAY, AUGUST 21, 2014



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



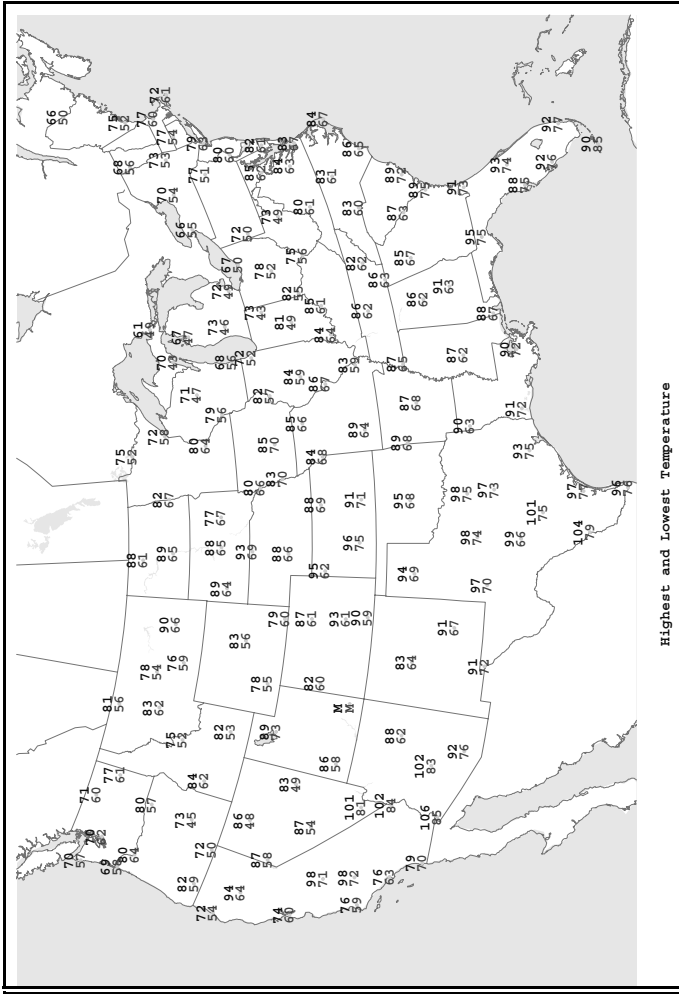
500-millibar Height Contours at 7:00 A.M. E.S.T.

Station Model

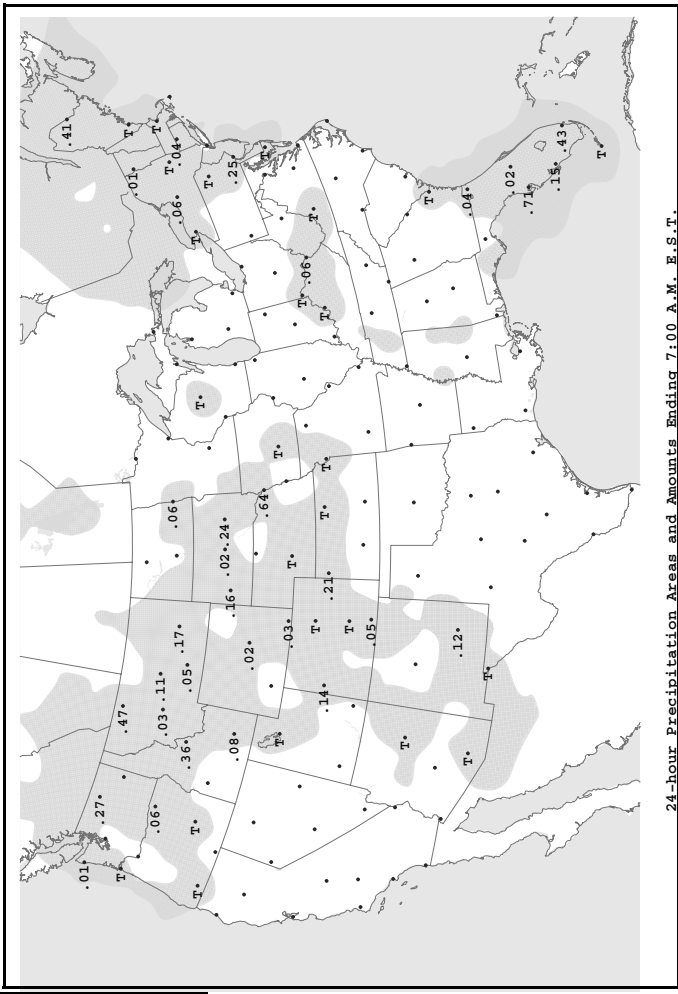
Wind Direction — Wind Speed
 Long Feather - 10 knots
 Short Feather - 5 knots

Current Temperature (in °F) — **F**
 Visibility (in miles) — **TT**
 Present Weather Symbol — **V**
 Dew Point Temperature — **WW**

3-Digit Surface Pressure (in tenths). Ex: 989 = 998.9mb, 012 = 1001.2mb
 3 Hour Pressure Tendency (in tenths) — **PPP**
 6 Hour Total Precipitation (in hundredths of an inch) — **PPa**
 3 Hour Pressure Tendency (in tenths) — **RR**
 6 Hour Total Precipitation (in hundredths of an inch) — **RR**
 Sky Cover

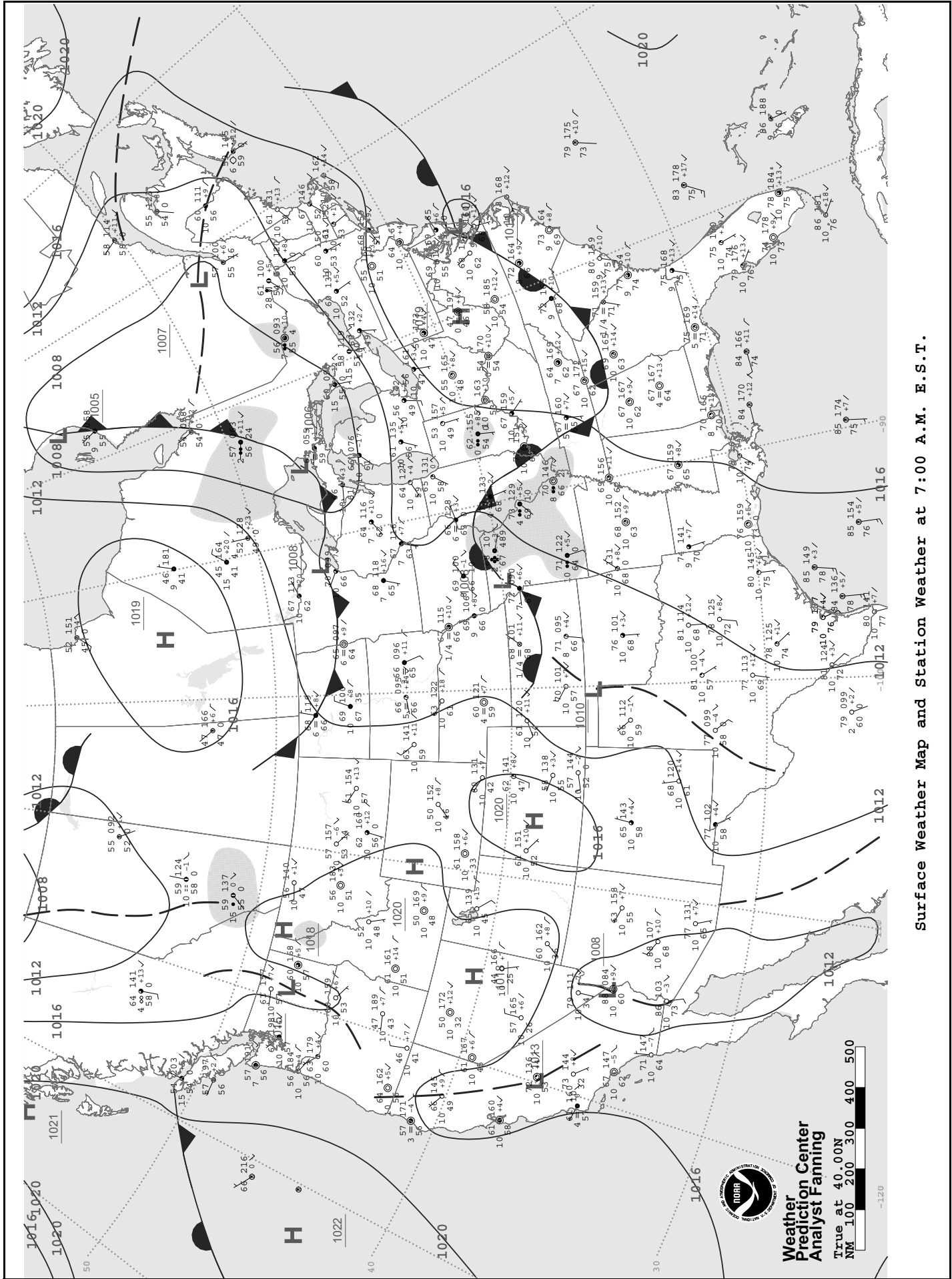


Highest and Lowest Temperature

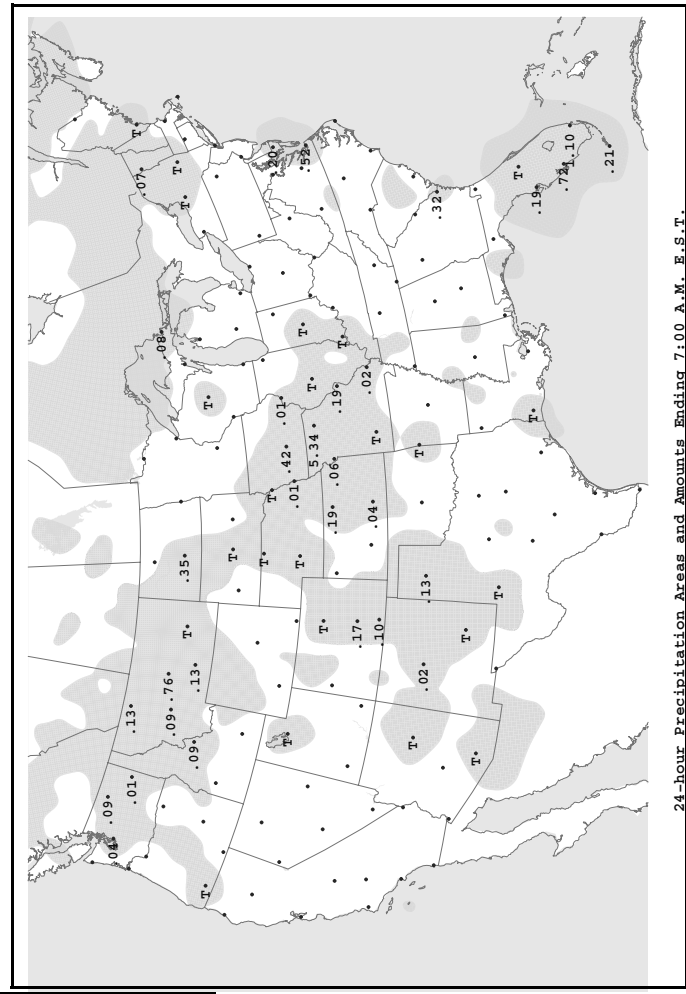
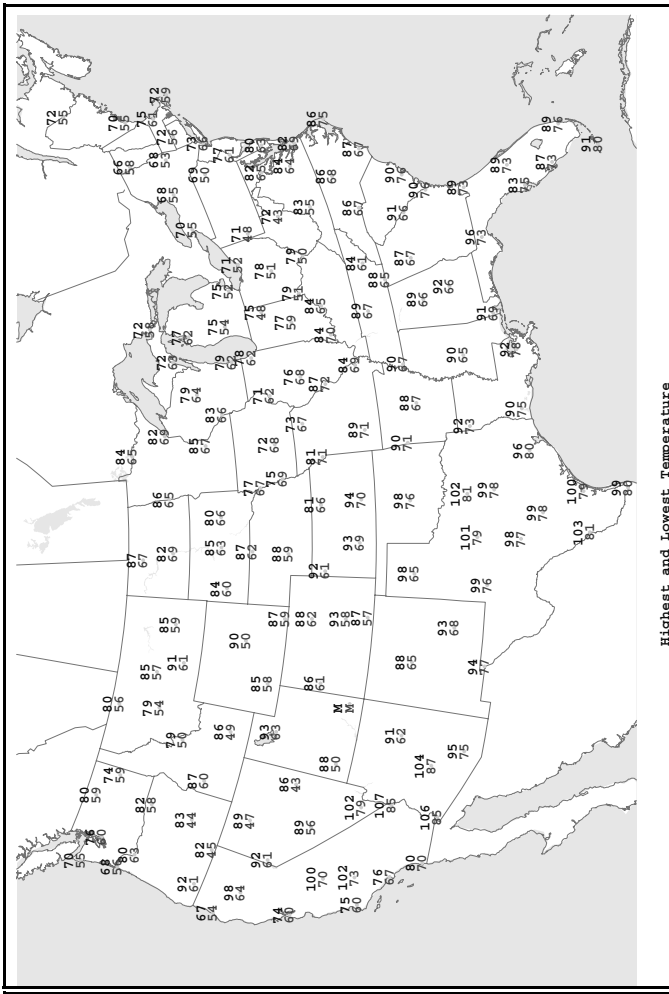
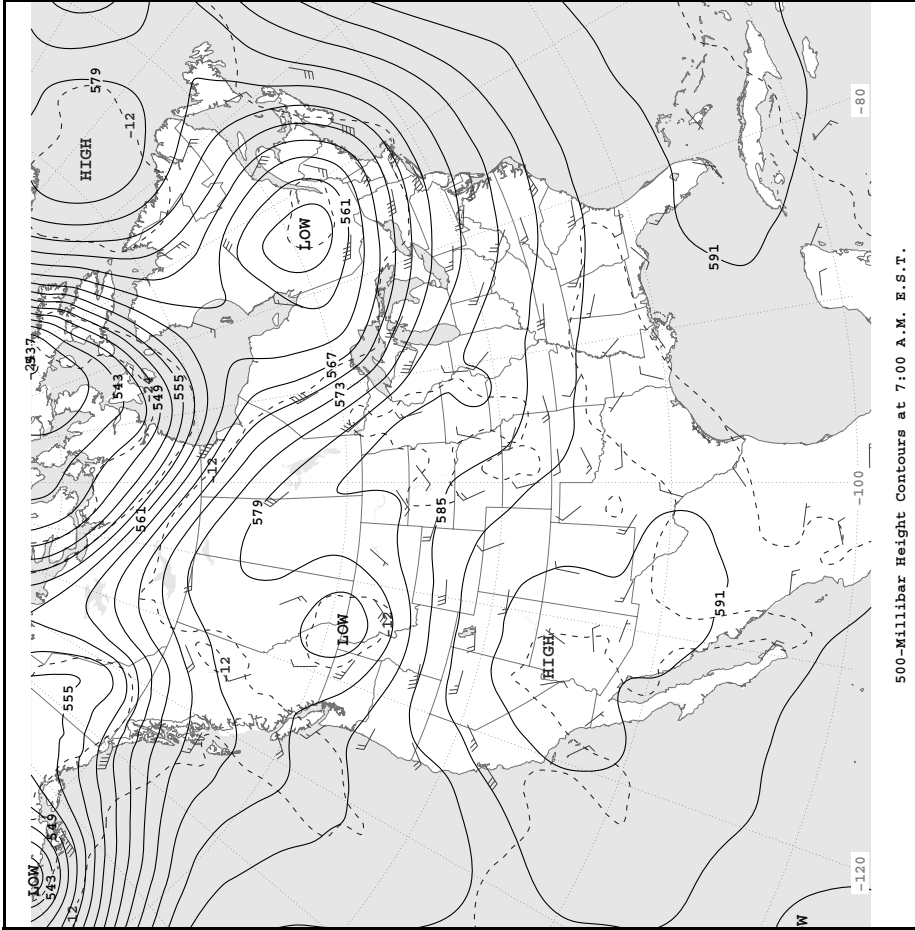


24-hour Precipitation Areas and Amounts Ending 7:00 A.M. E.S.T.

FRIDAY, AUGUST 22, 2014



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

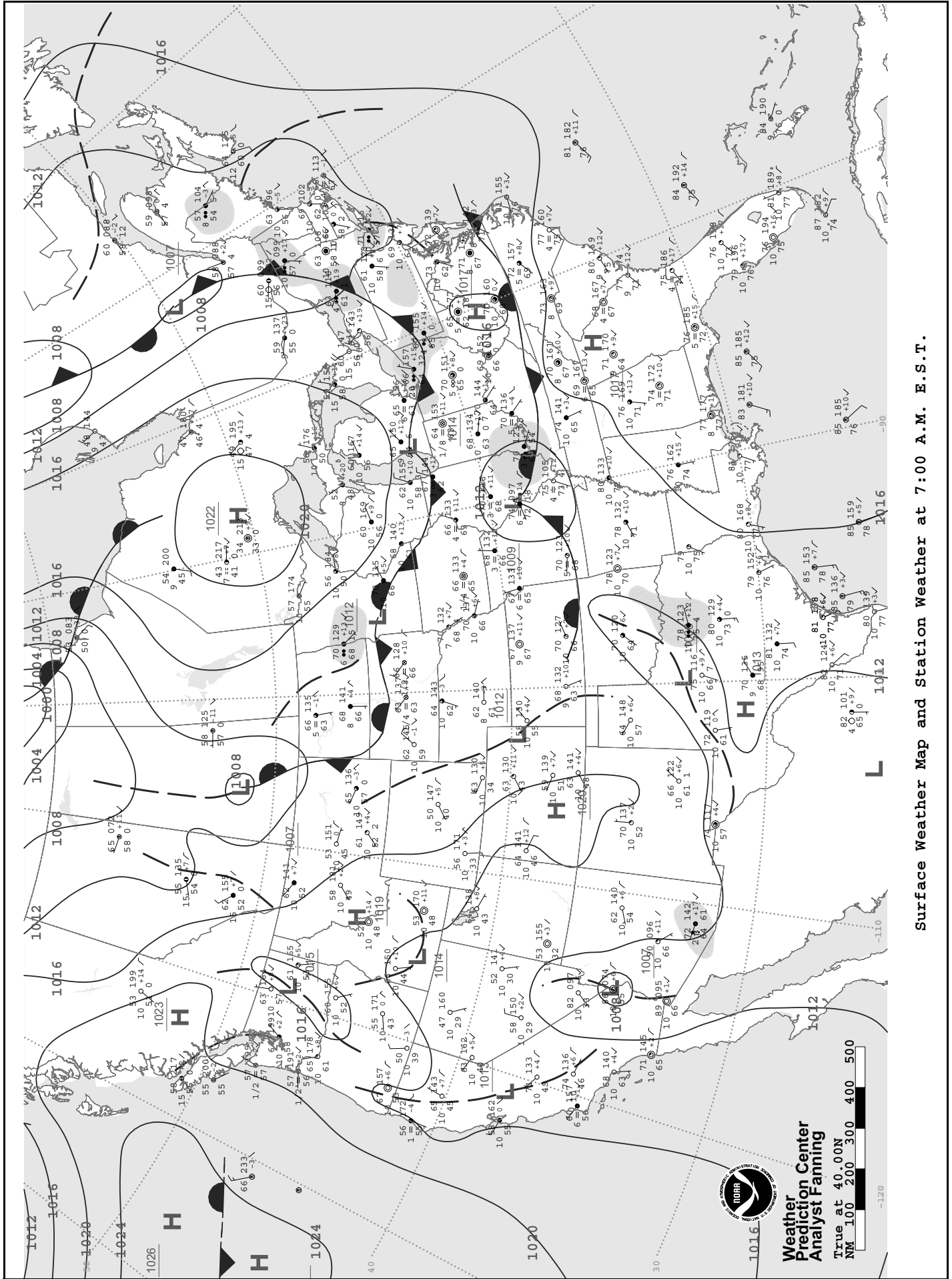


Station Model

The station model diagram consists of the following elements:

- Wind Direction:** Indicated by a vertical line with a short feather (10 knots) and a longer feather (5 knots).
- Current Temperature (in °F):** Represented by the number 'F'.
- Visibility (in miles):** Represented by the number 'V'.
- Present Weather Symbol:** Represented by a circle containing a symbol (e.g., 'PP' for rain).
- Dew Point Temperature:** Represented by the number 'DD'.
- Wind Speed:** Represented by the number 'FF'.
- 3-Digit Surface Pressure:** Represented by the number 'PPP'.
- 3 Hour Pressure Tendency:** Represented by the number 'PP' followed by a symbol (e.g., 'a' for increasing).
- 6 Hour Total Precipitation (in hundredths of an inch):** Represented by the number 'RR'.
- Sky Cover:** Represented by a horizontal line with a vertical tick mark.

SATURDAY, AUGUST 23, 2014

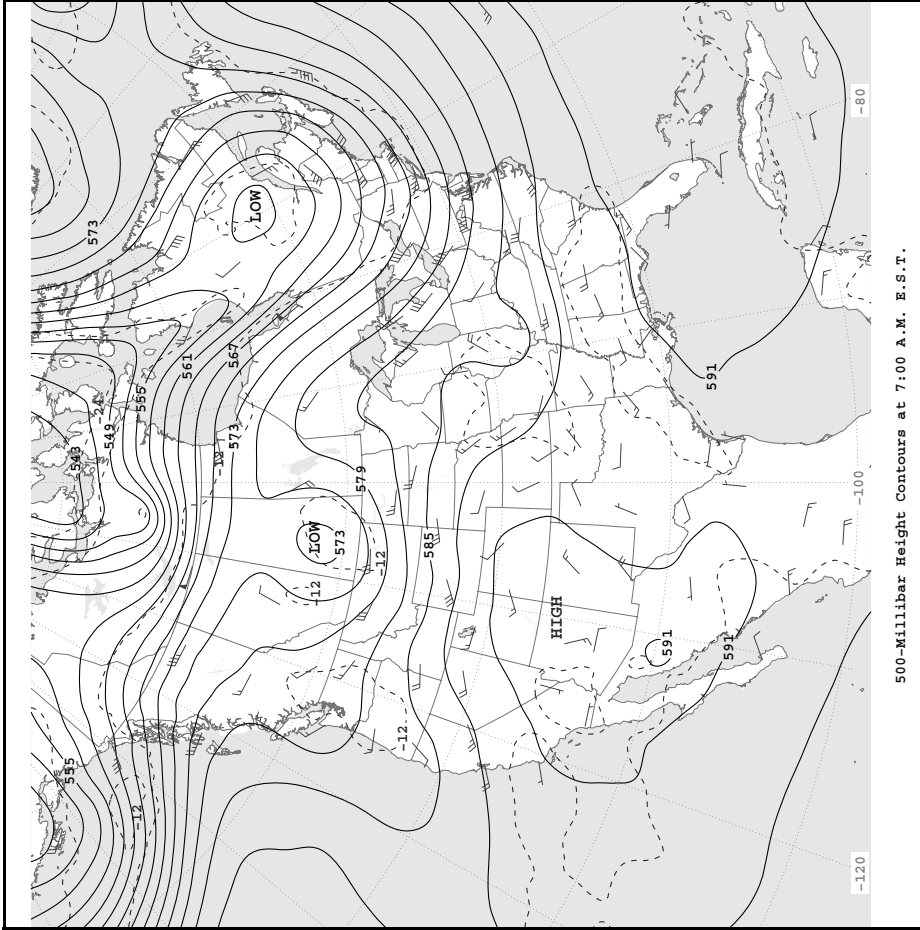


Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.

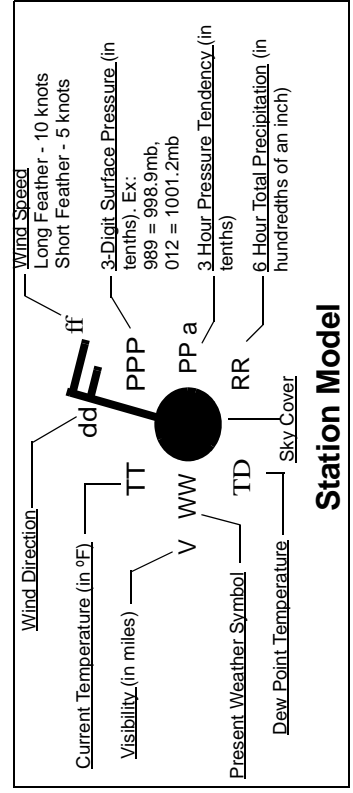
Weather Prediction Center
Analyst Fanning

True at 40.00N
NM 100 200 300 400 500

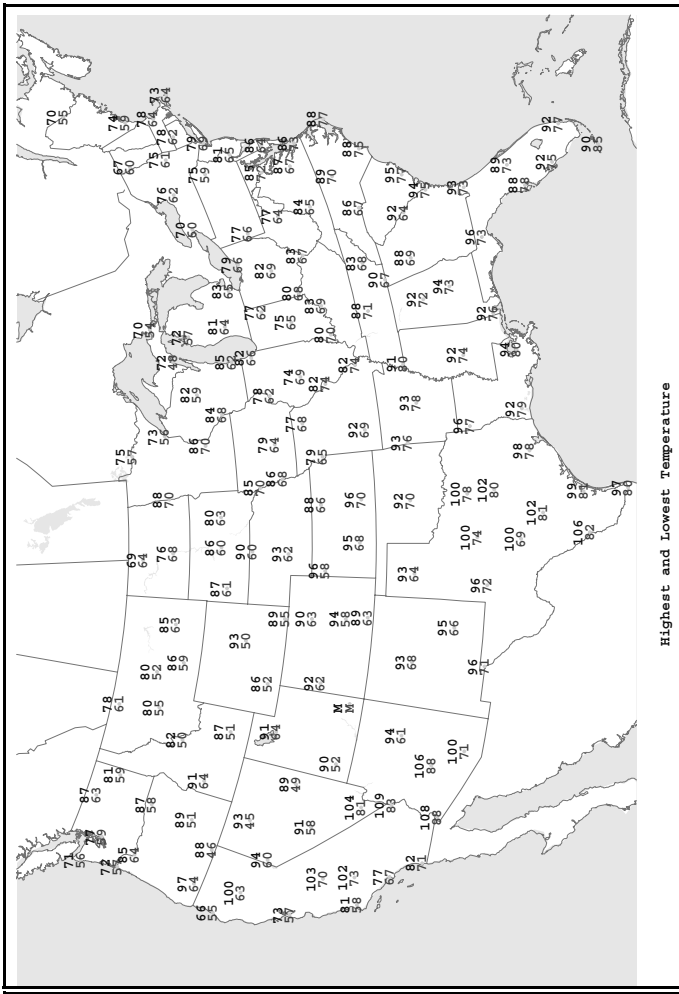




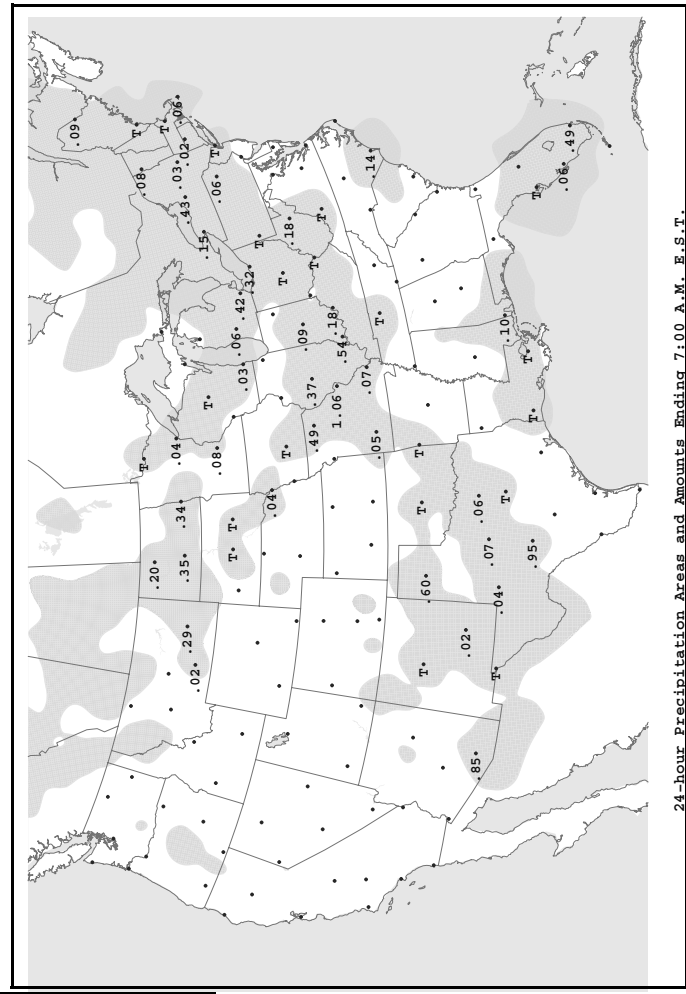
500-millibar Height Contours at 7:00 A.M. E.S.T.



Station Model

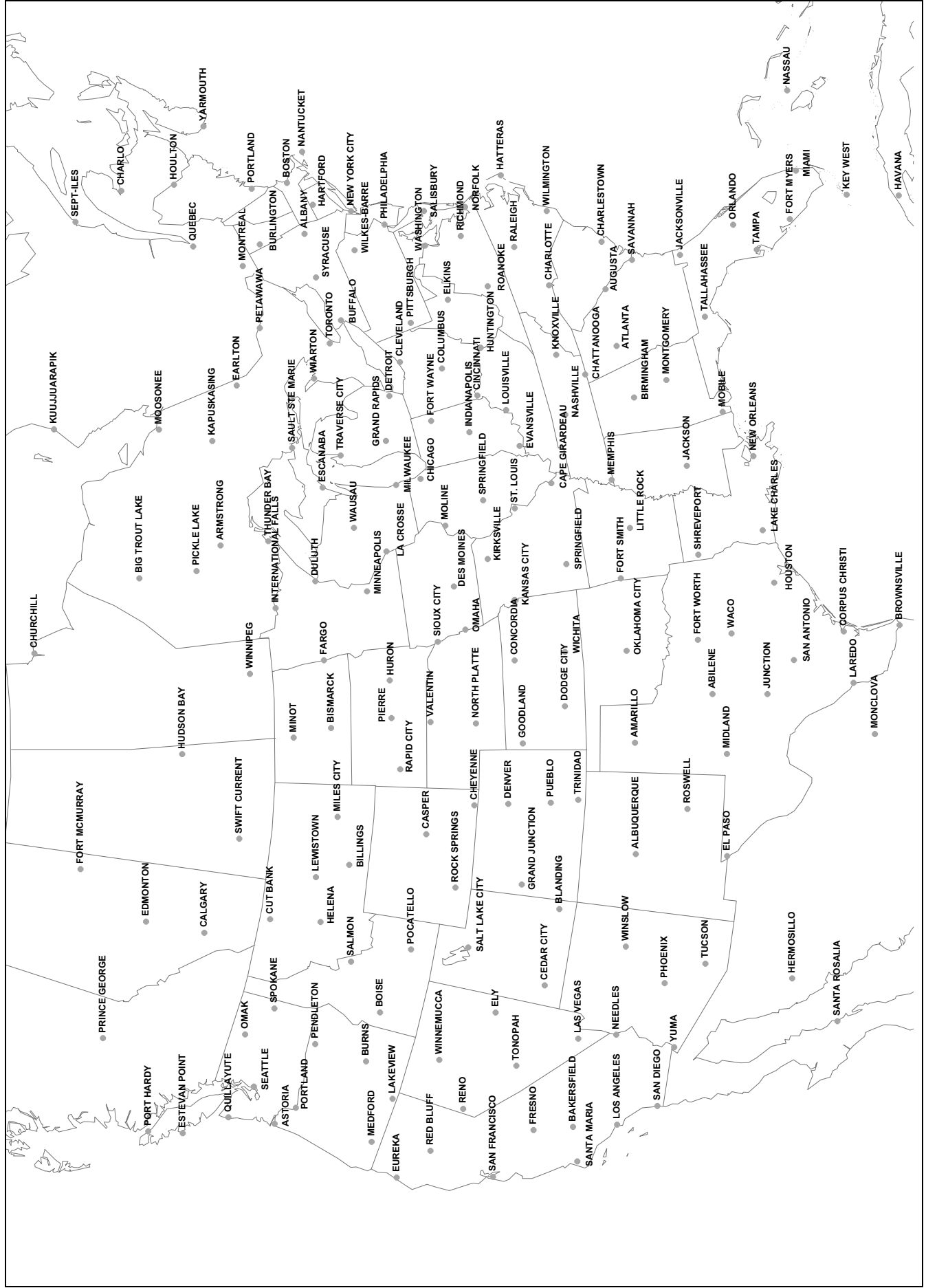


Highest and Lowest Temperature



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

SUNDAY, AUGUST 24, 2014



Daily Weather Map Station Names and Locations