



Daily Weather Maps

NOVEMBER 4, 2013 - NOVEMBER 10, 2013

Week 45

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.

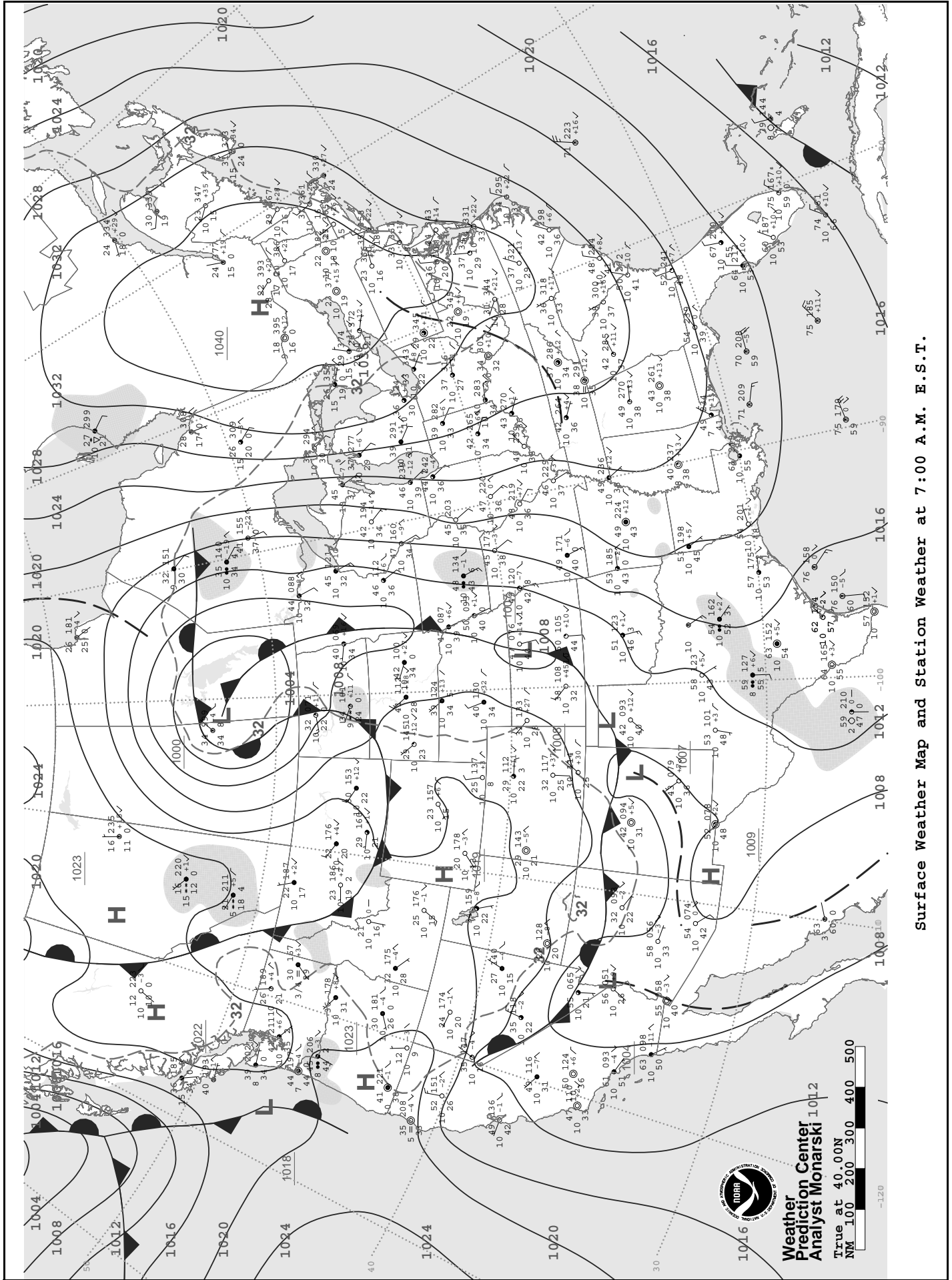
The Precipitation Areas and Amounts chart shows areas (shaded) that had precipitation during the 24 hours ending at 7:00 a.m. EST, with amounts to the nearest hundredth of an inch. "T" indicates a trace of precipitation.

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.

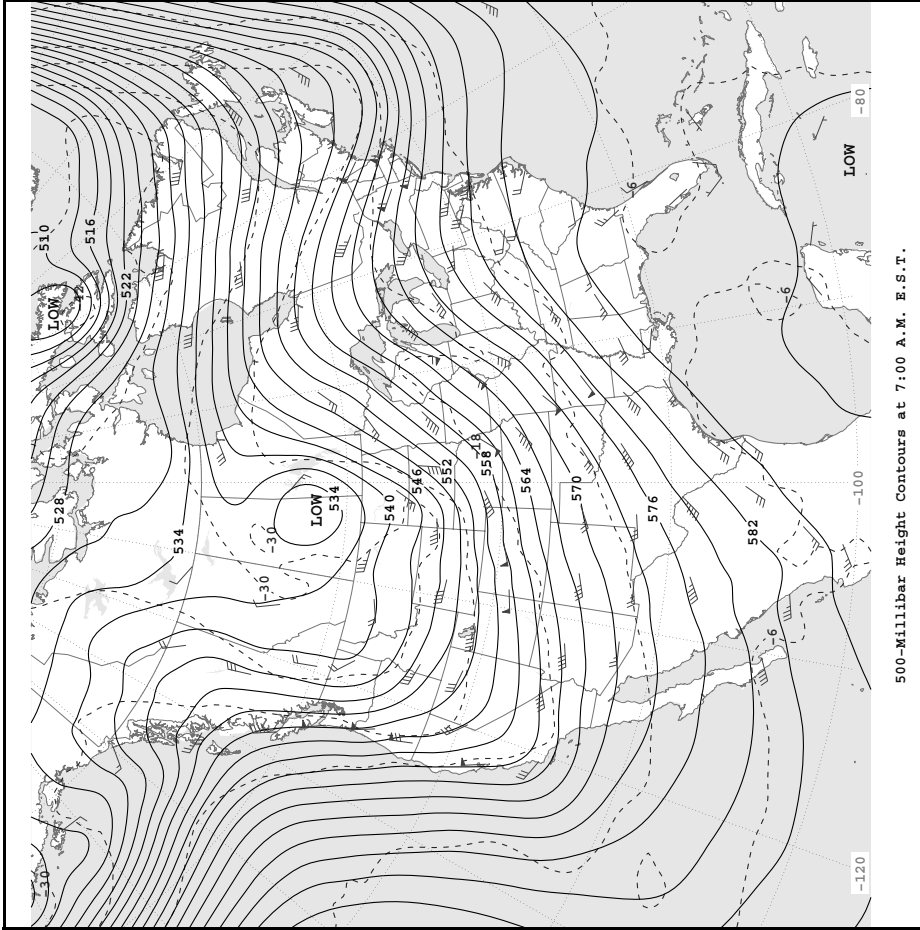
Current HPC products are available online at www.wpc.ncep.noaa.gov



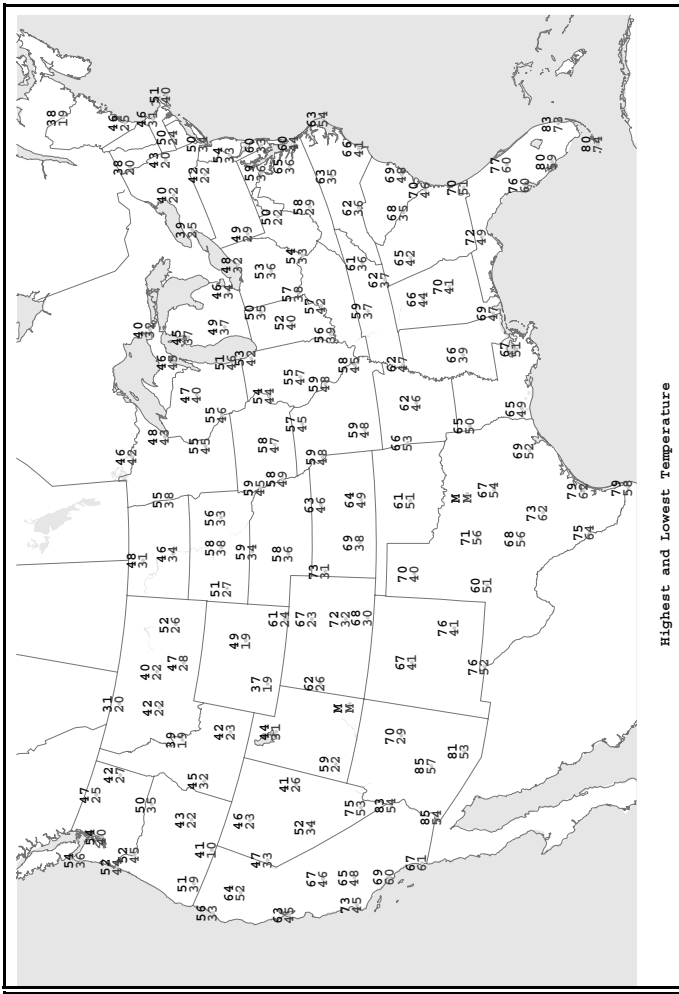
Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.

Weather Prediction Center
Analyst Monarski 10112
True at 40.00N
NM 100 200 300 400 500

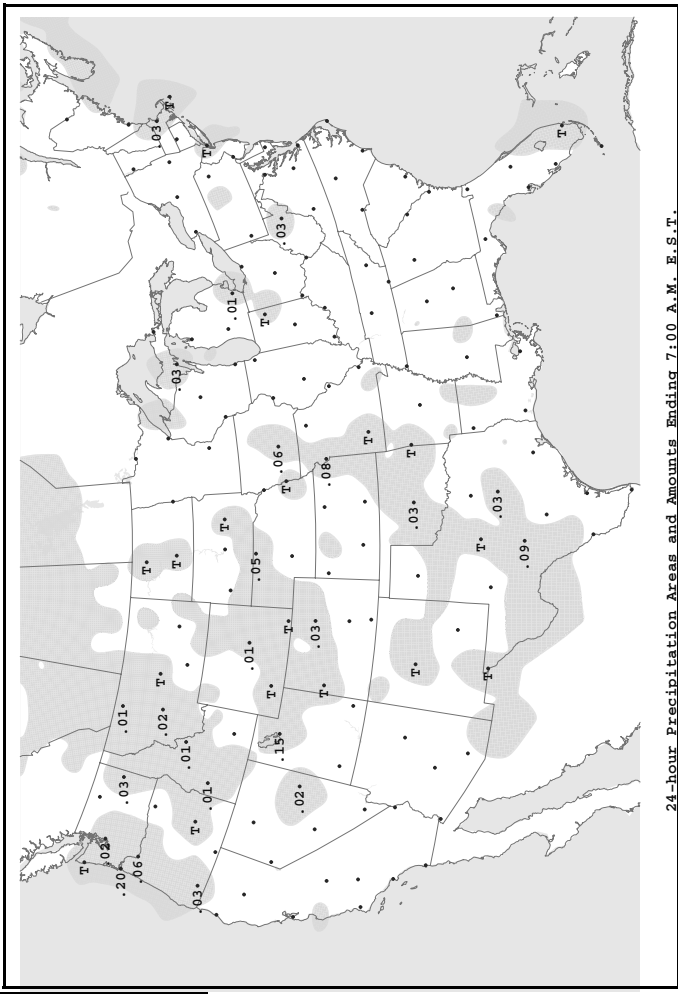


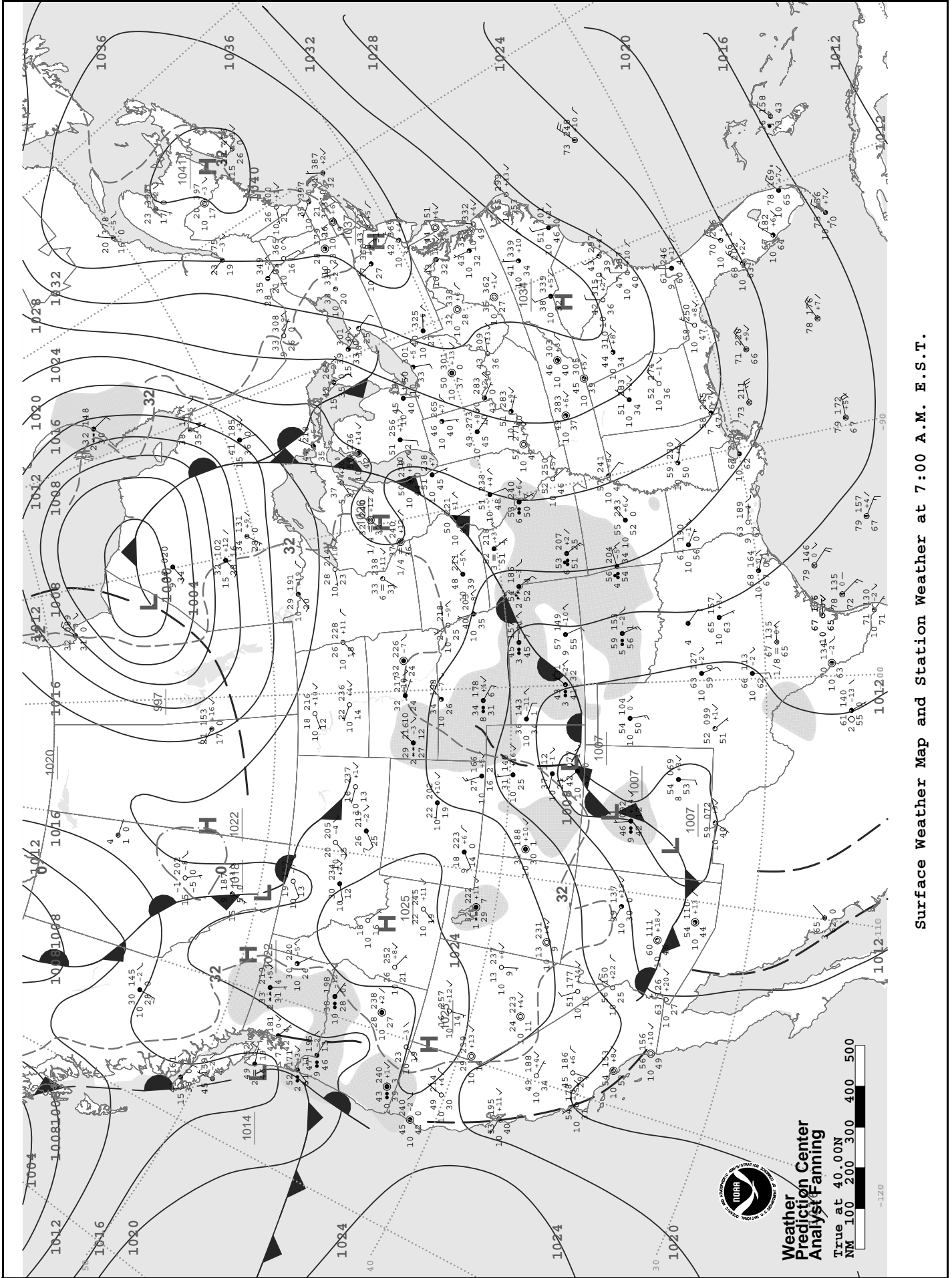


500-millibar Height Contours at 7:00 A.M. E.S.T.

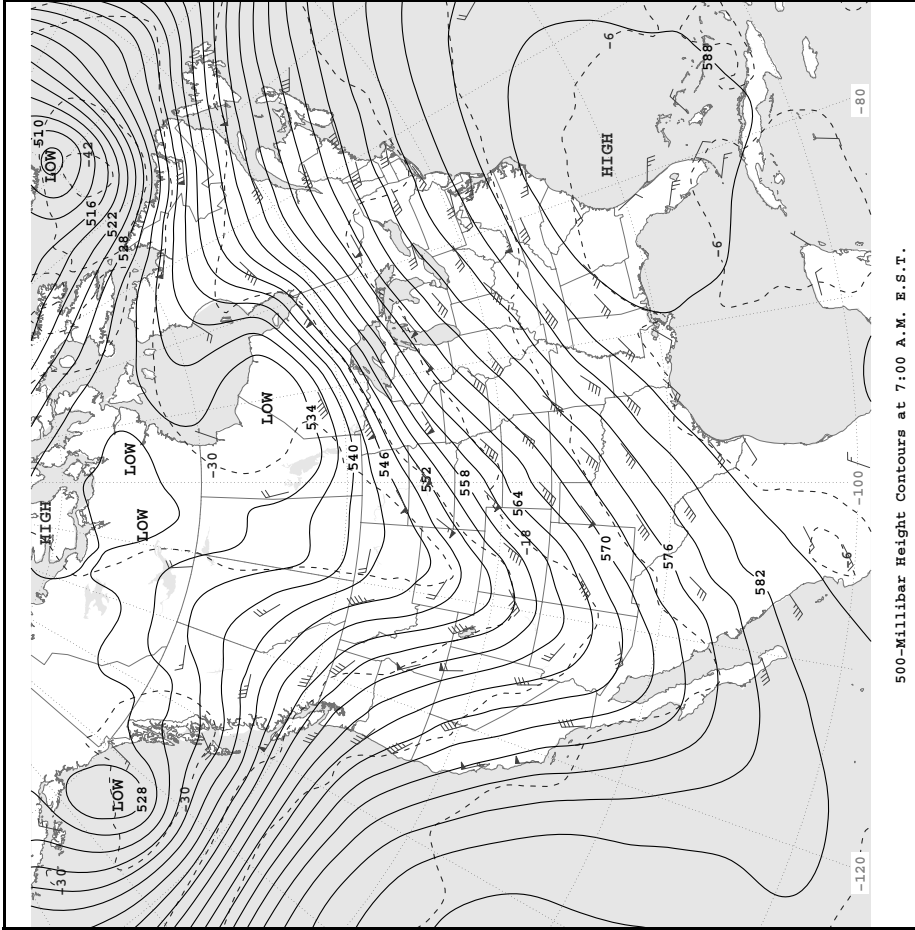


Highest and Lowest Temperature

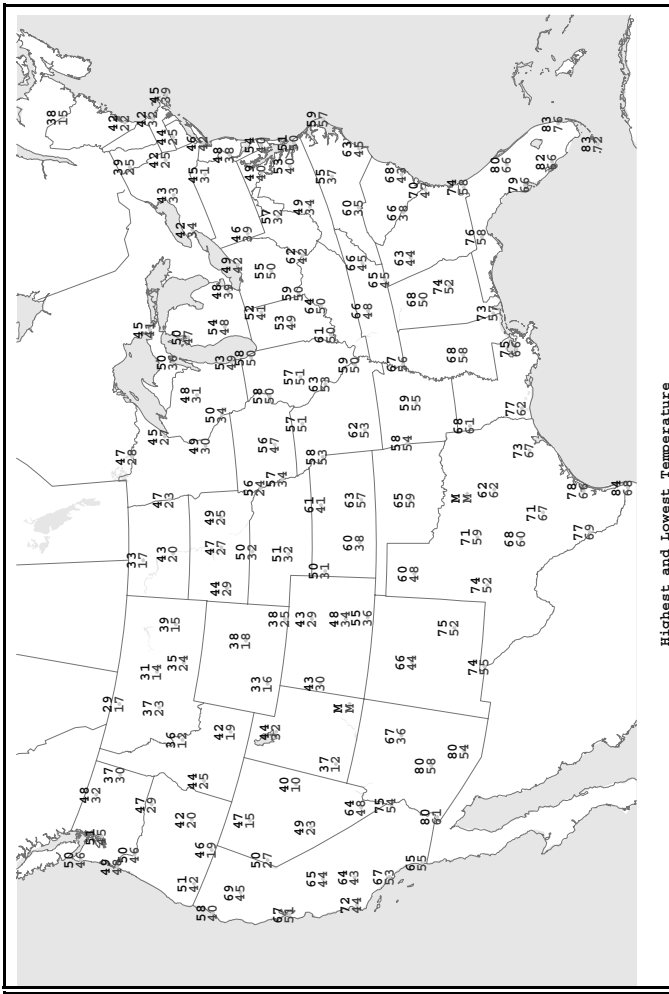




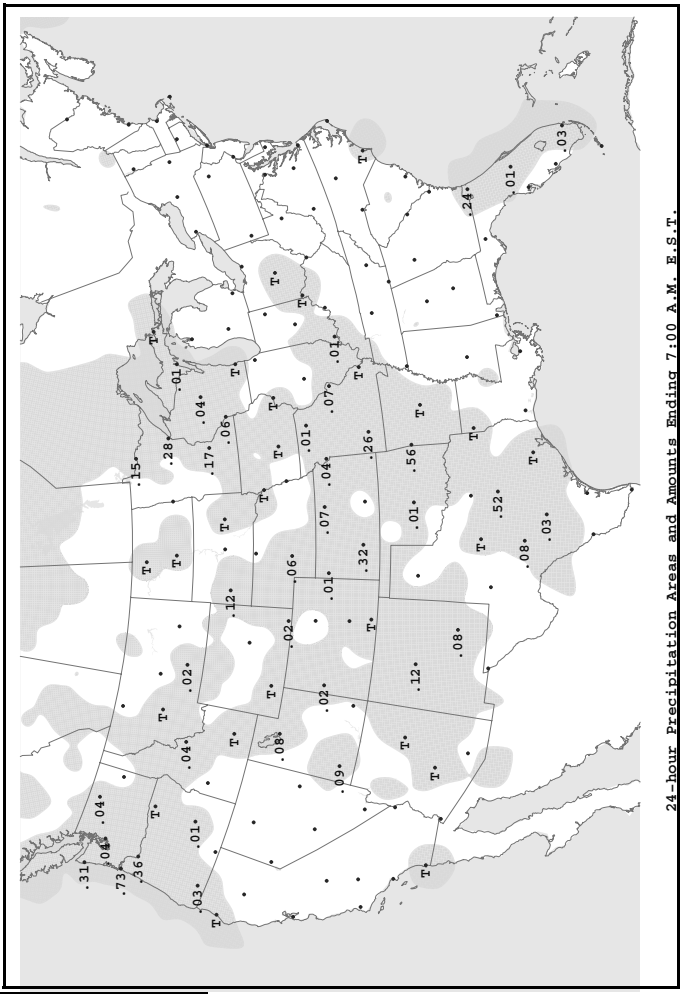
Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.



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

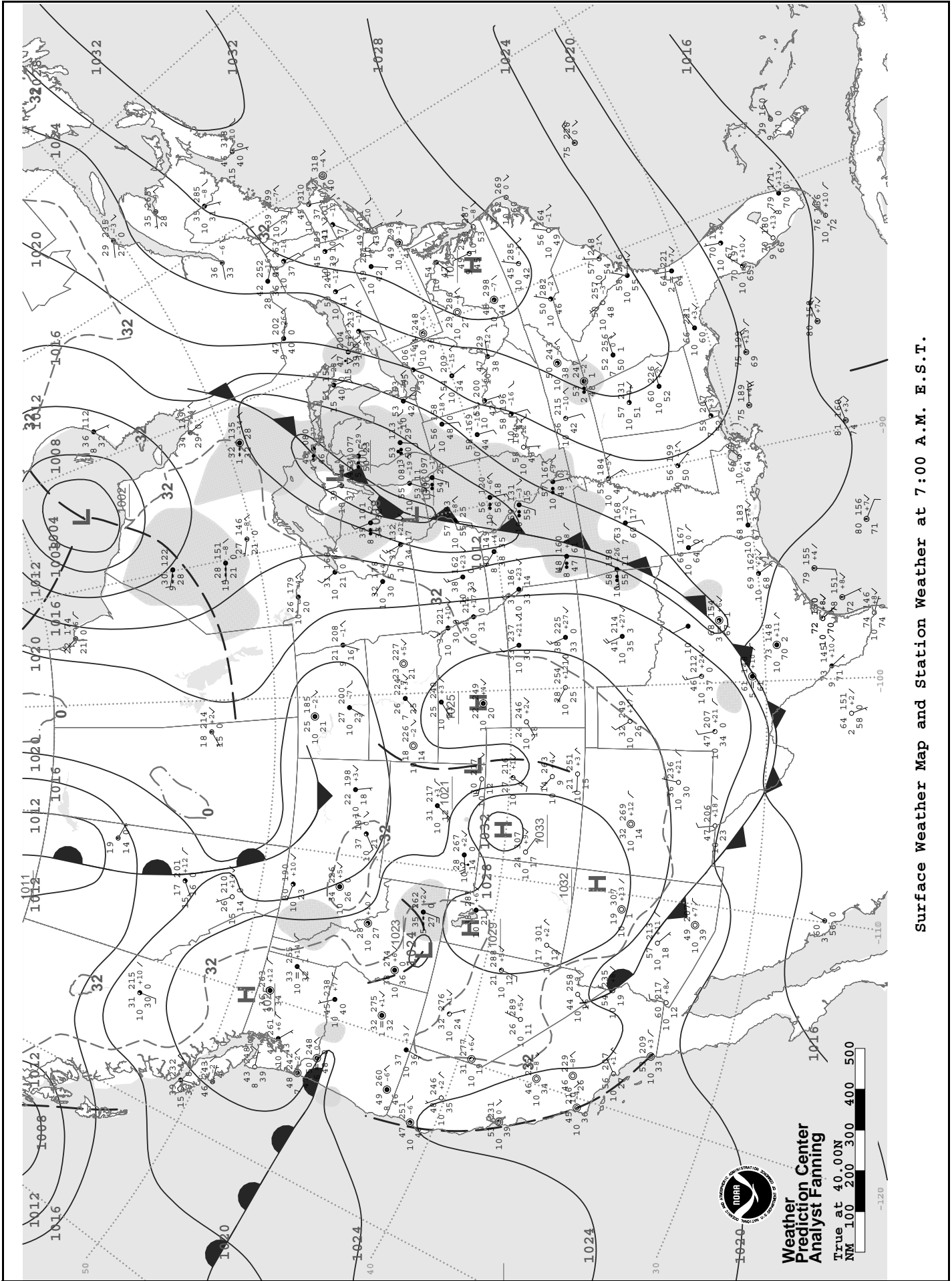
Current Temperature (in °F) — dd ———
 Visibility (in miles) — V ———
 Present Weather Symbol ———
 Dew Point Temperature ——— Sky Cover

ff ———
 PPP ———
 PP a ———

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)

TUESDAY, NOVEMBER 5, 2013

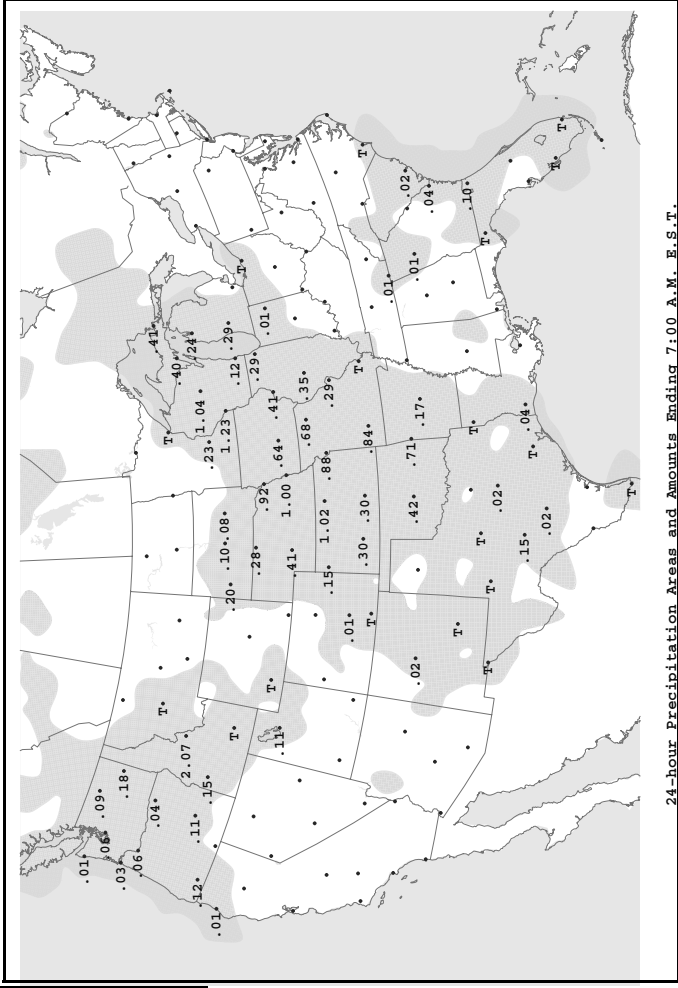
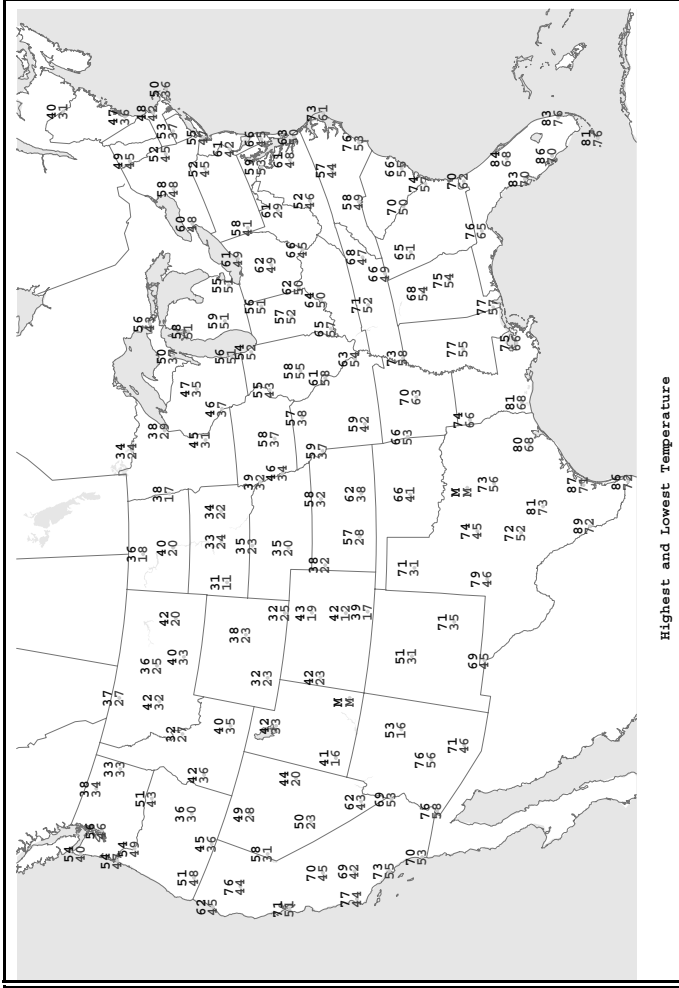
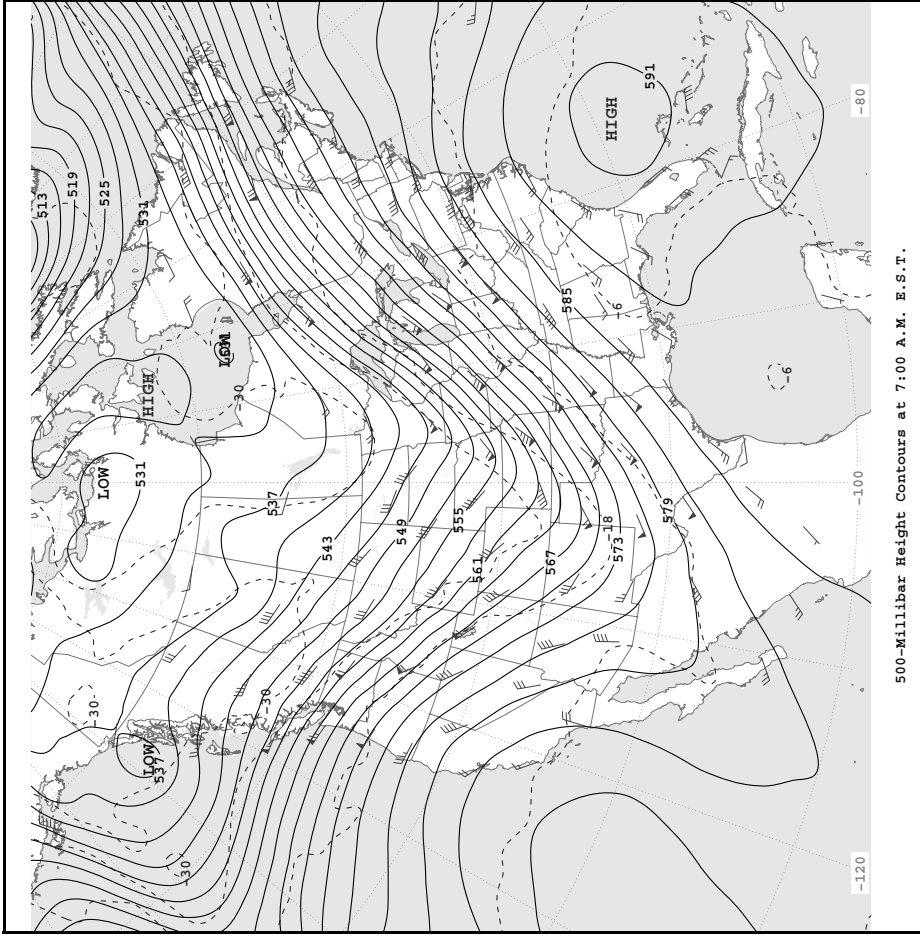


Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.



Weather Prediction Center
Analyst Fanning

True at 40.00N
NM 100 200 300 400 500

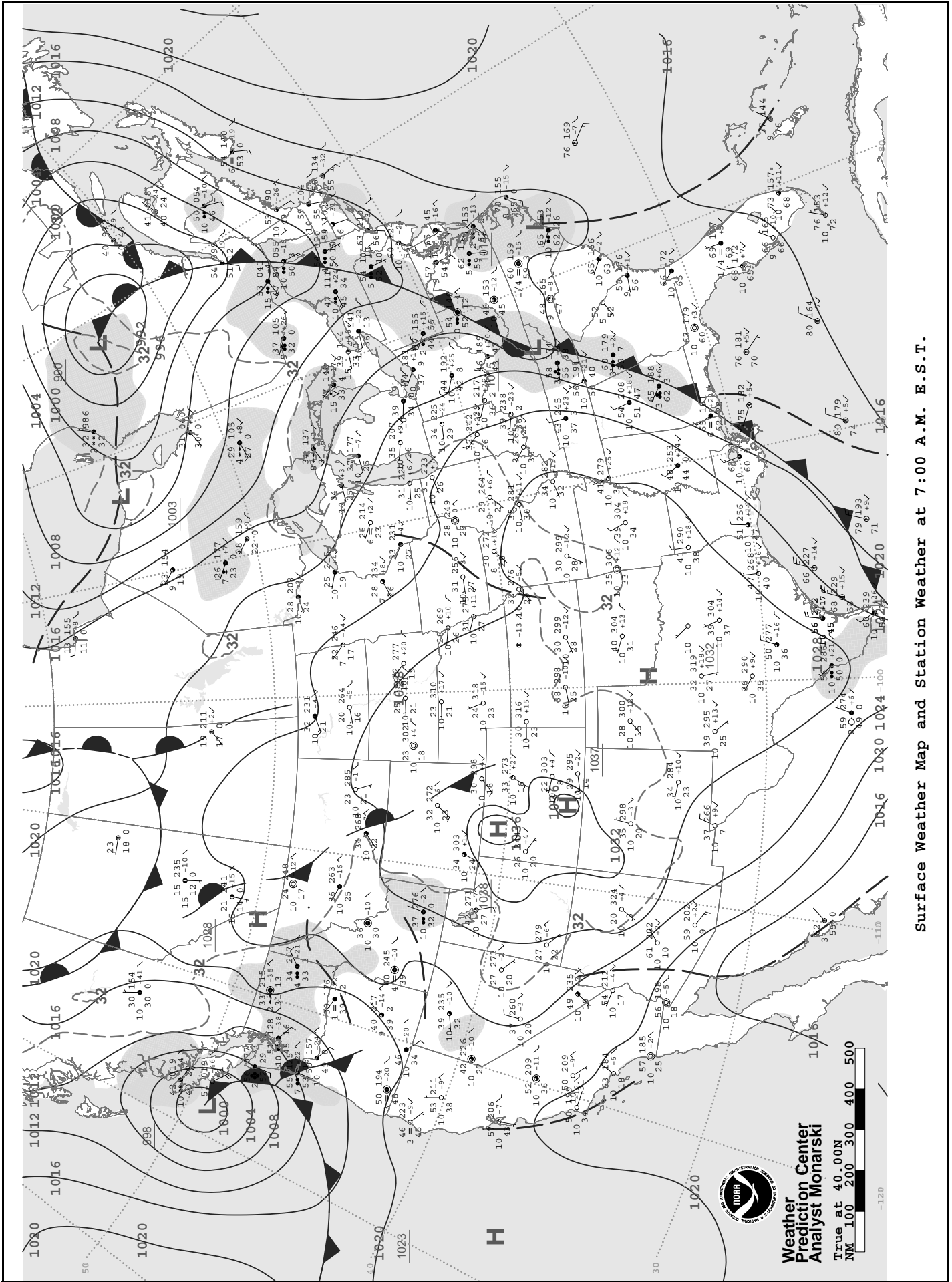


Station Model

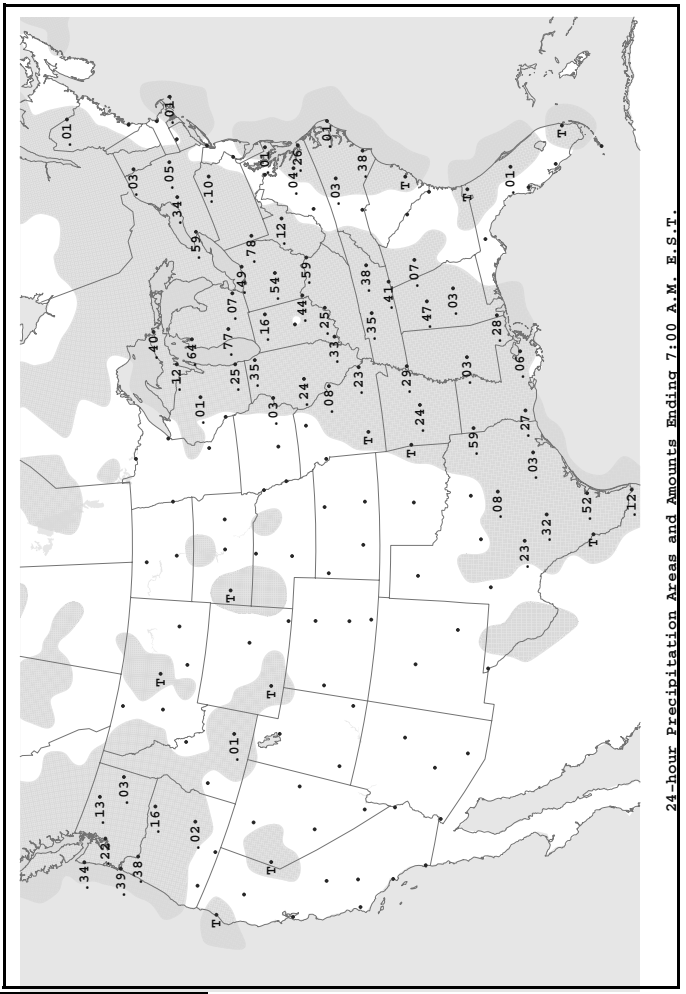
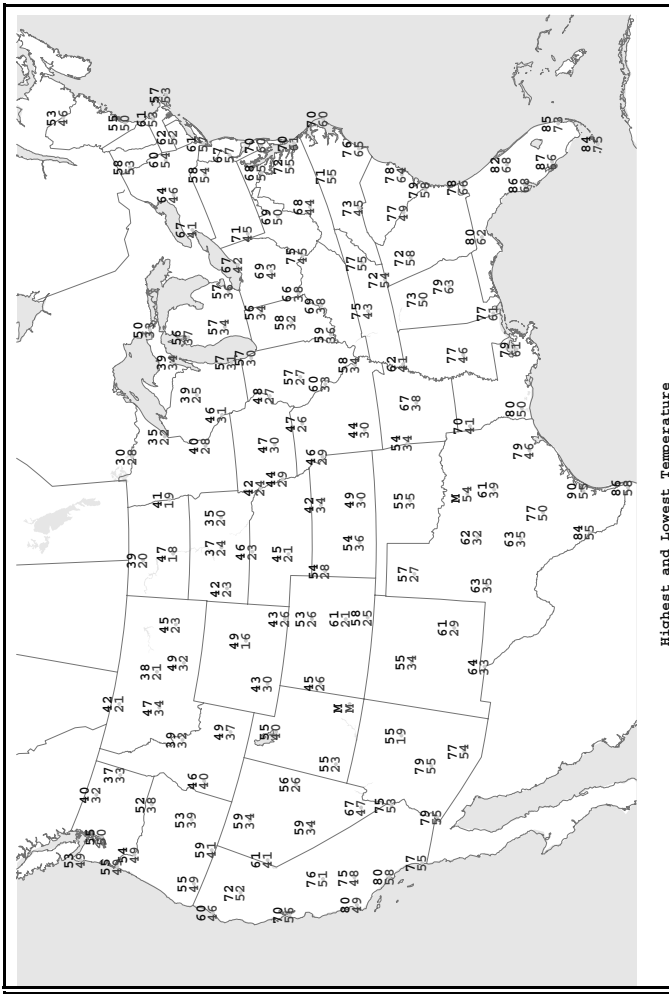
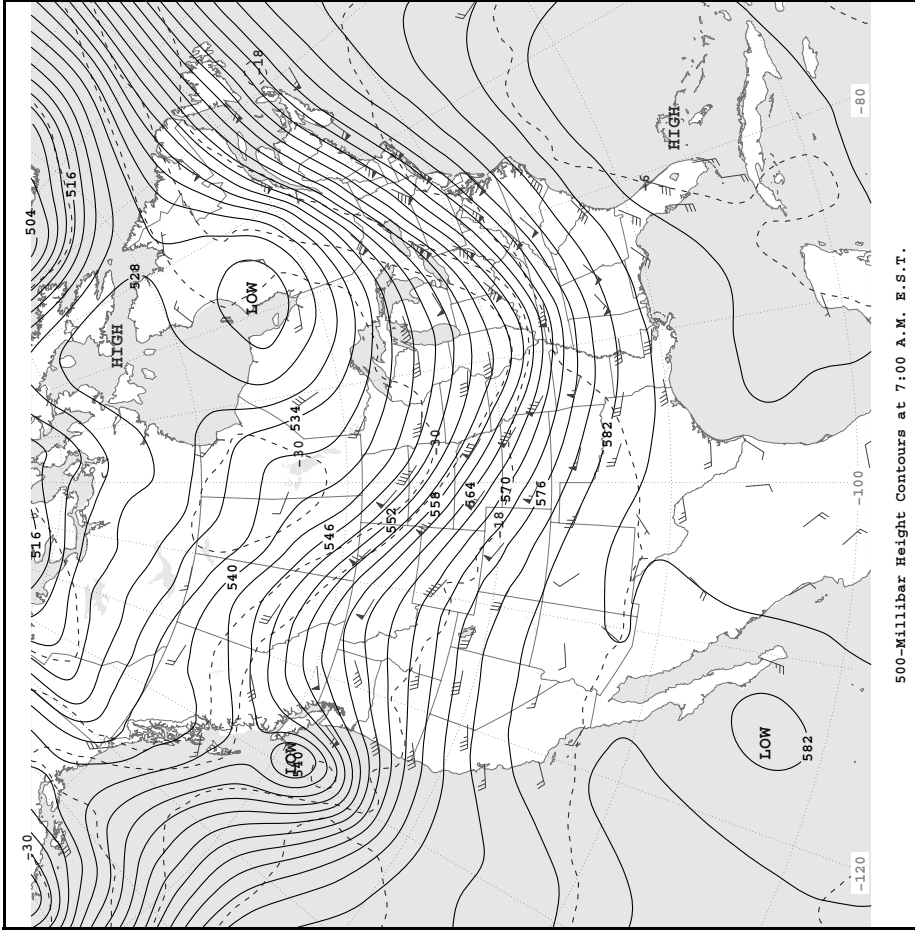
The diagram shows a station model with the following components and units:

- Wind Direction:** Indicated by a long feather (10 knots) and a short feather (5 knots).
- Wind Speed:** Indicated by the length of the feathers.
- Current Temperature (in °F):** Indicated by the number 'dd'.
- Visibility (in miles):** Indicated by the number 'V'.
- Present Weather Symbol:** Indicated by the symbol 'PP'.
- Dew Point Temperature:** Indicated by the number 'TT'.
- 3-Digit Surface Pressure (in tenths):** Indicated by the number 'PPP'.
- 3 Hour Pressure Tendency (in tenths):** Indicated by the number 'PP a'.
- 6 Hour Total Precipitation (in hundredths of an inch):** Indicated by the number 'RR'.
- Sky Cover:** Indicated by the number 'ff'.

WEDNESDAY, NOVEMBER 6, 2013



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



Station Model

Wind Direction: **FF** (Long Feather - 10 knots, Short Feather - 5 knots)

Current Temperature (in °F): **dd**

Wind Speed: **FF**

3-Digit Surface Pressure (in tenths): **PPP**

3 Hour Pressure Tendency (in tenths): **PP a**

Visibility (in miles): **V**

Present Weather Symbol: **TT**

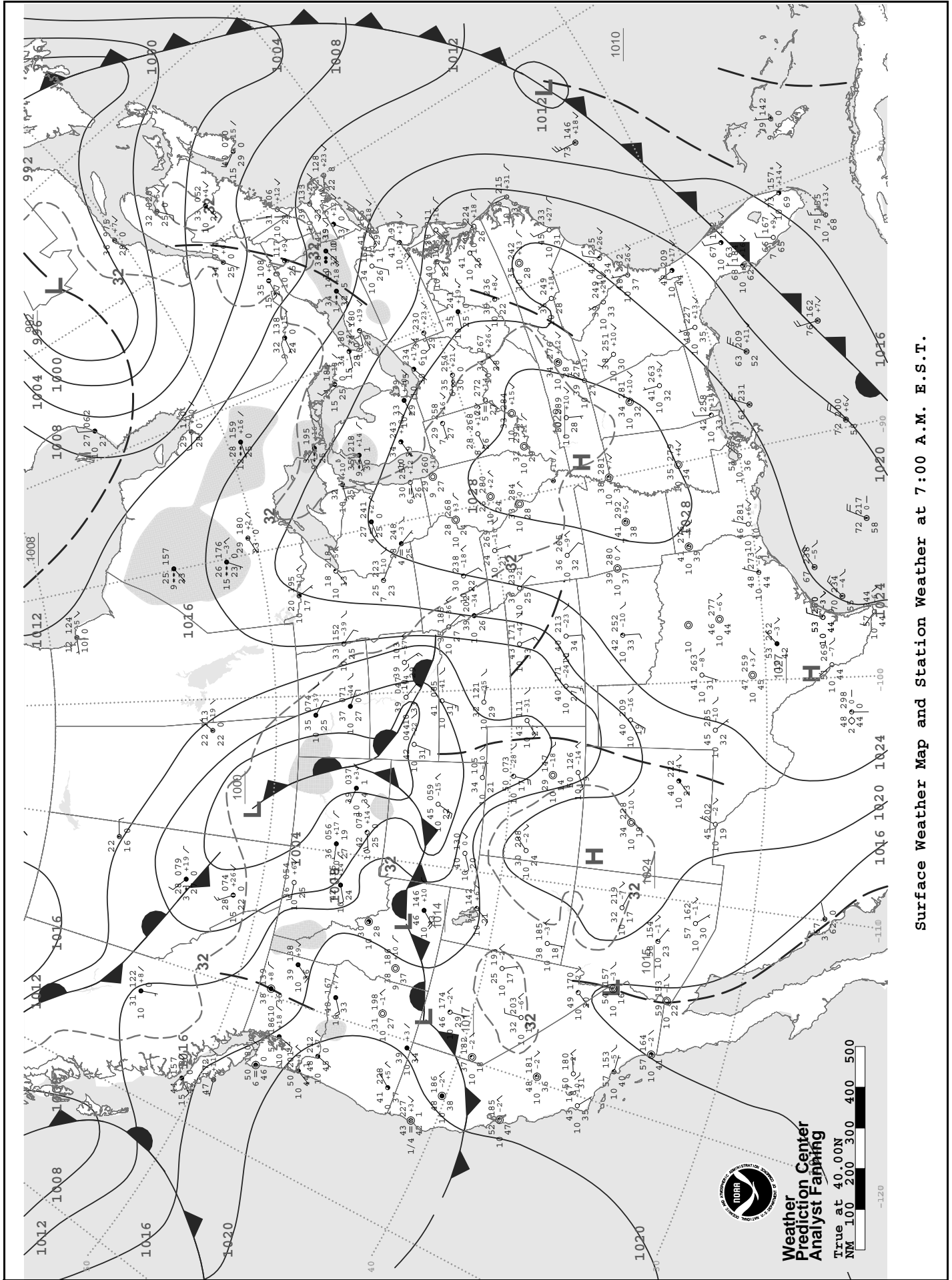
6 Hour Total Precipitation (in hundredths of an inch): **RR**

Dew Point Temperature: **TT**

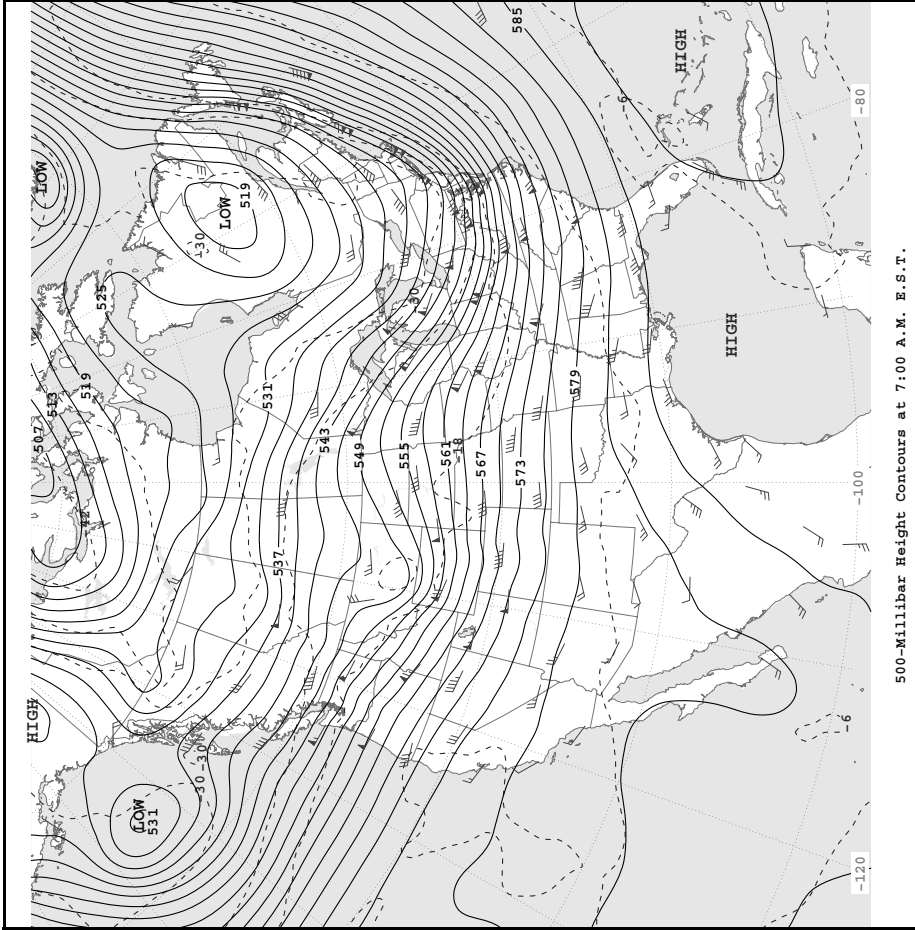
Sky Cover: **RR**

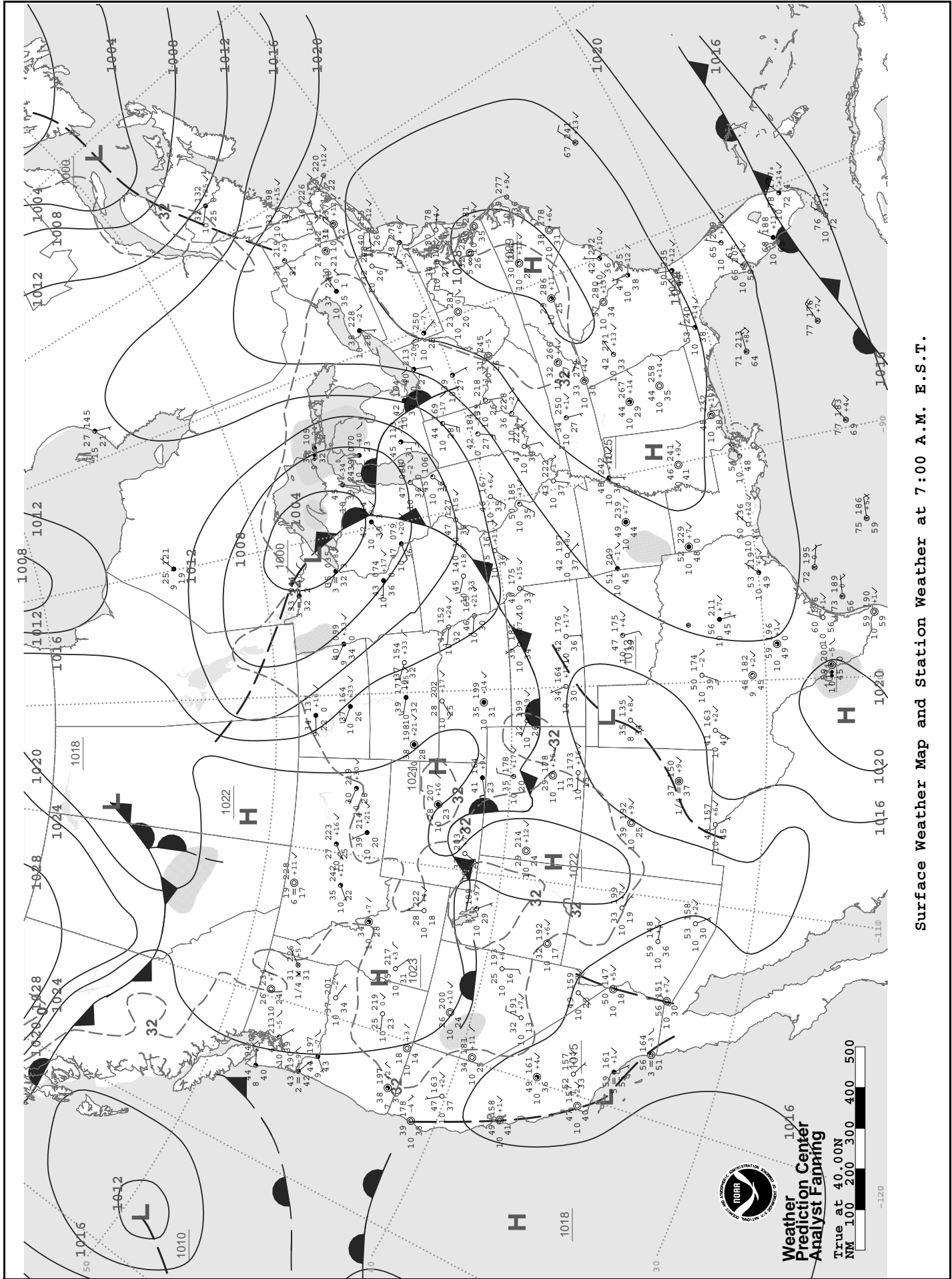
Examples: 989 = 998.9mb, 012 = 1001.2mb

THURSDAY, NOVEMBER 7, 2013

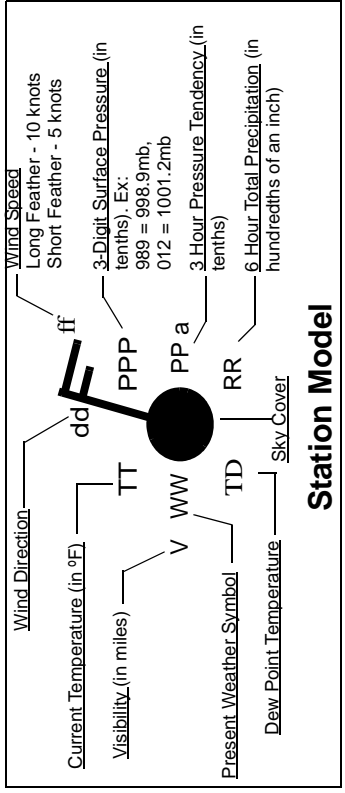
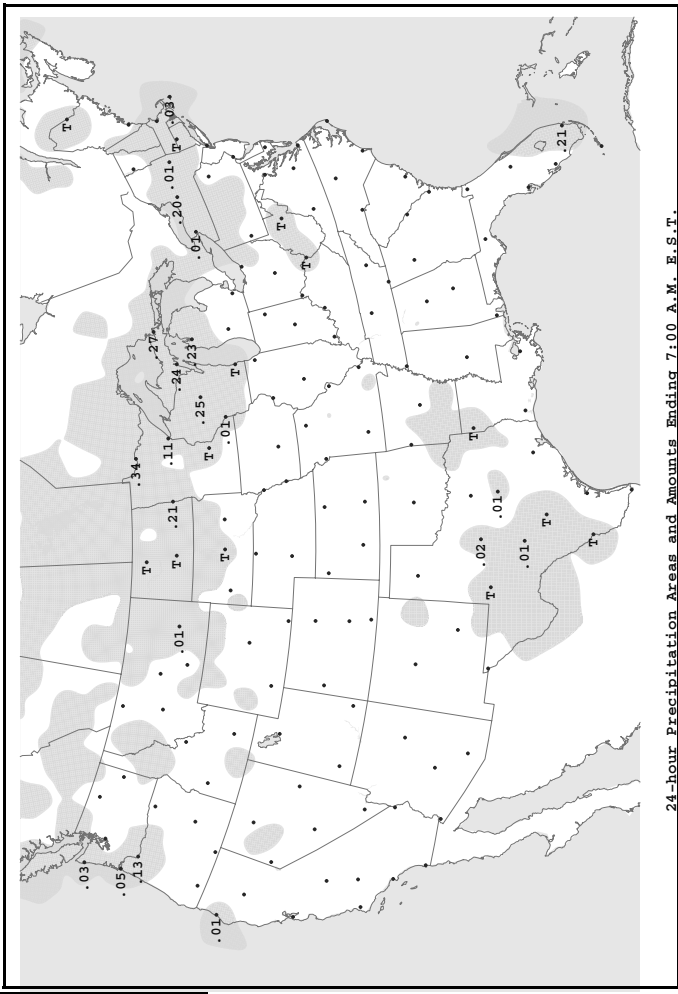
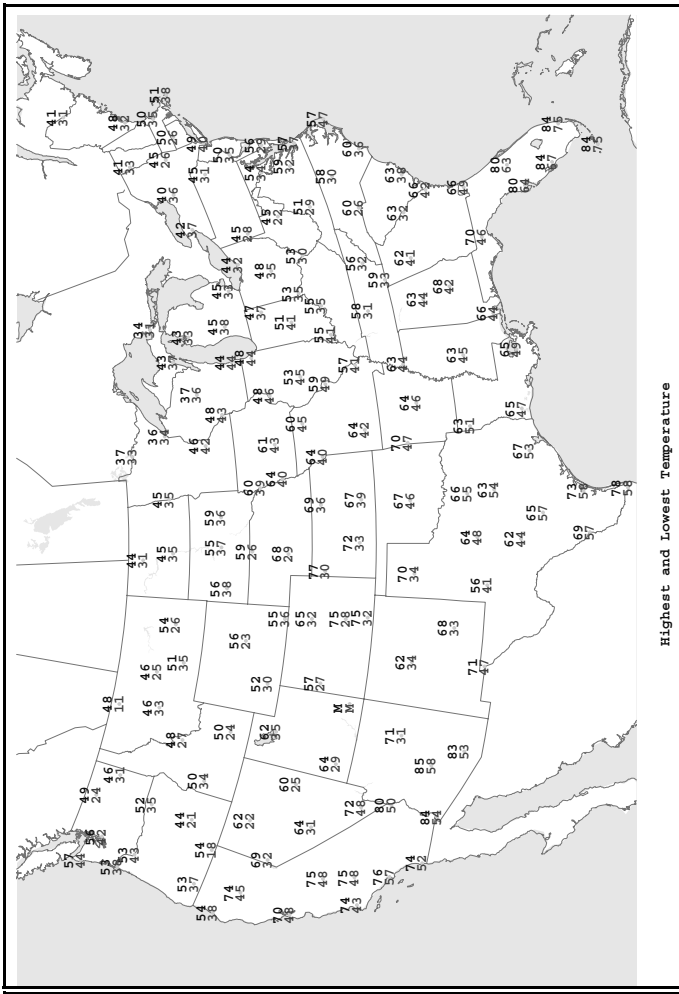
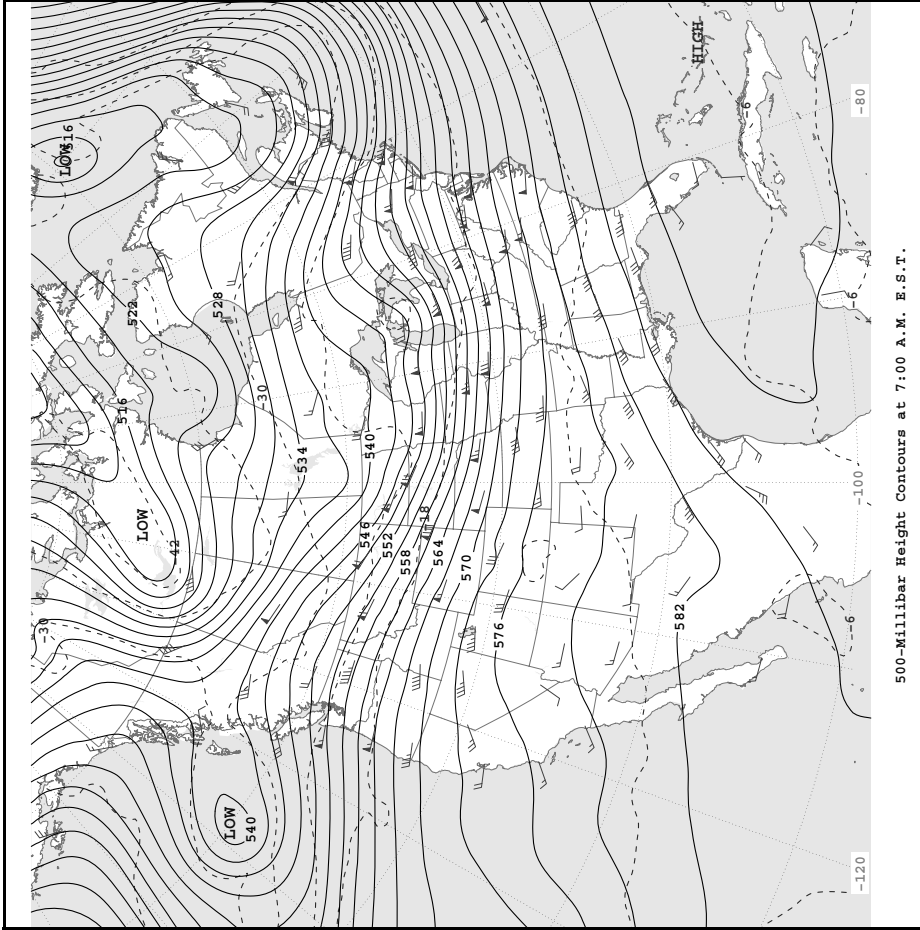


Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.

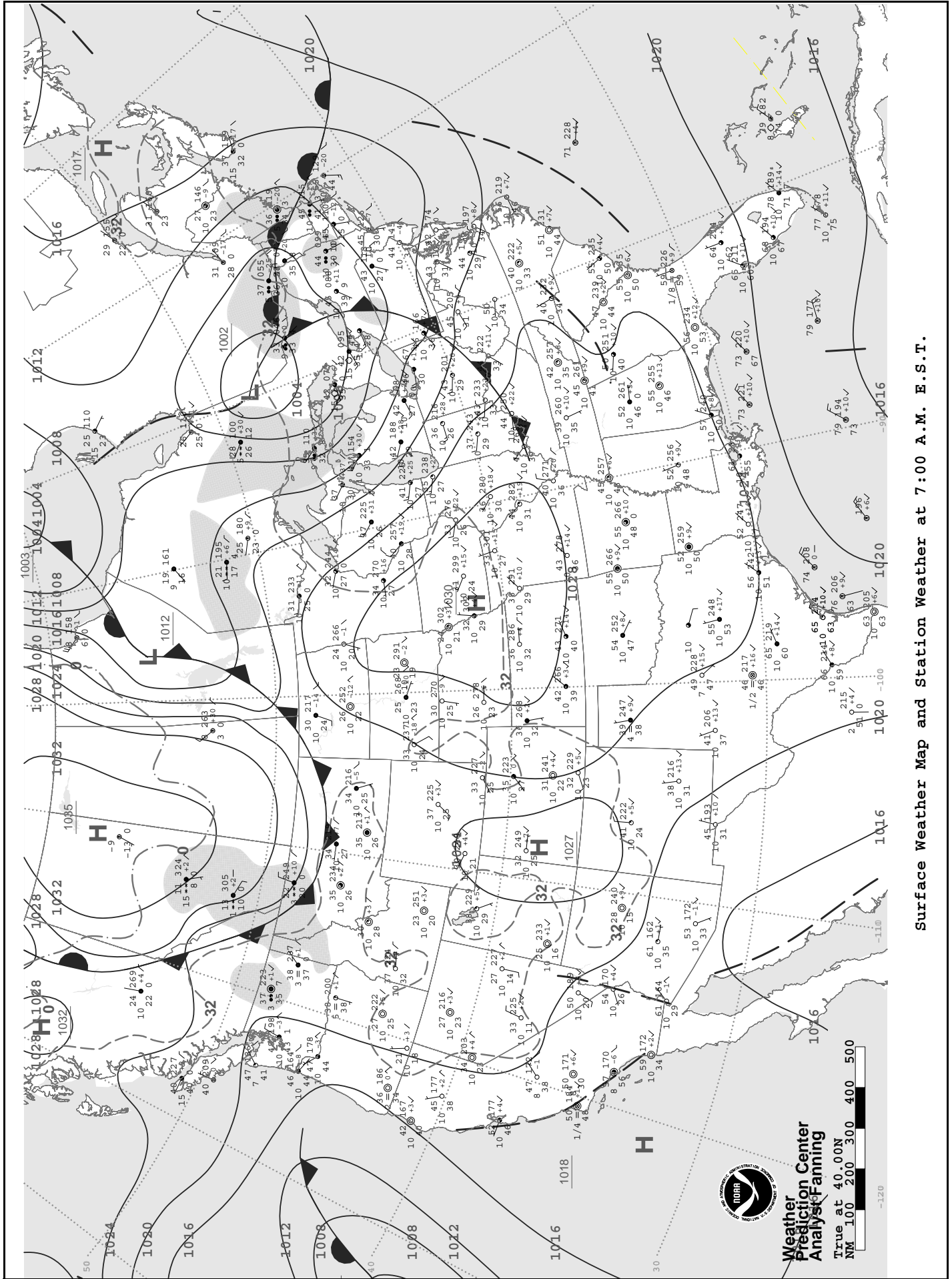




Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.



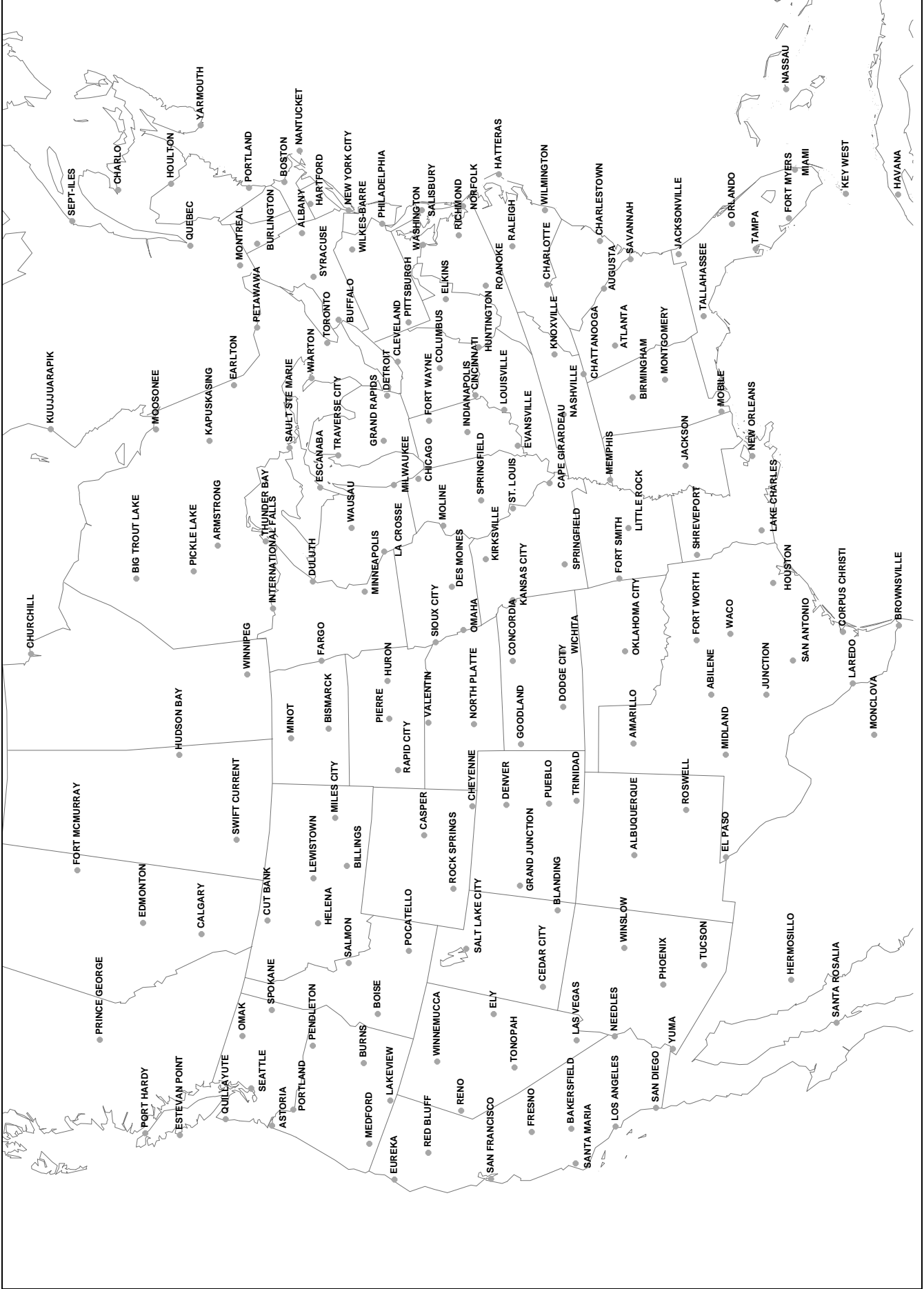
SATURDAY, NOVEMBER 9, 2013



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





Daily Weather Map Station Names and Locations