



Daily Weather Maps

OCTOBER 7, 2013 - OCTOBER 13, 2013

Week 41

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.

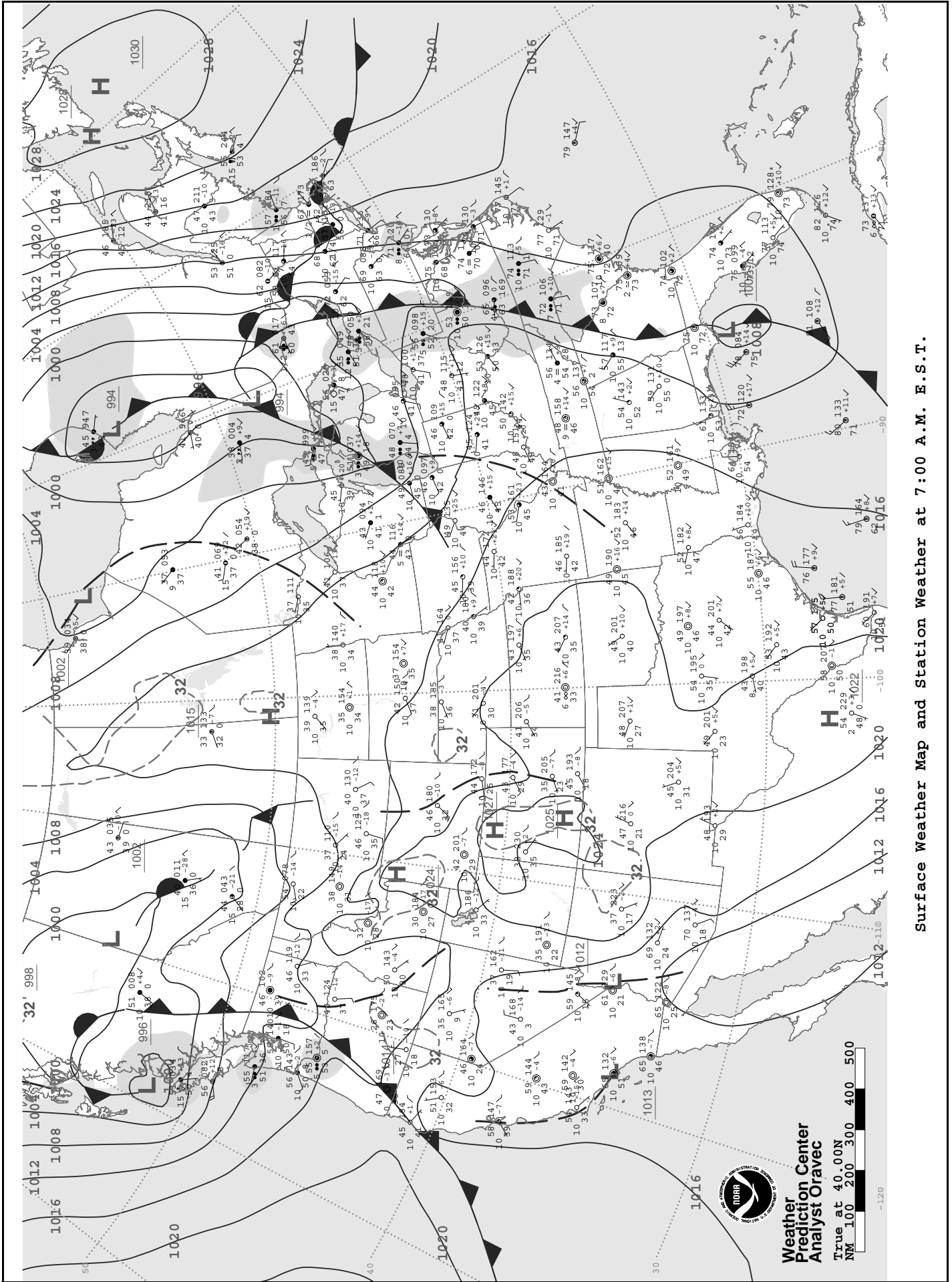
The Precipitation Areas and Amounts chart shows areas (shaded) that had precipitation during the 24 hours ending at 7:00 a.m. EST, with amounts to the nearest hundredth of an inch. "T" indicates a trace of precipitation.

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.

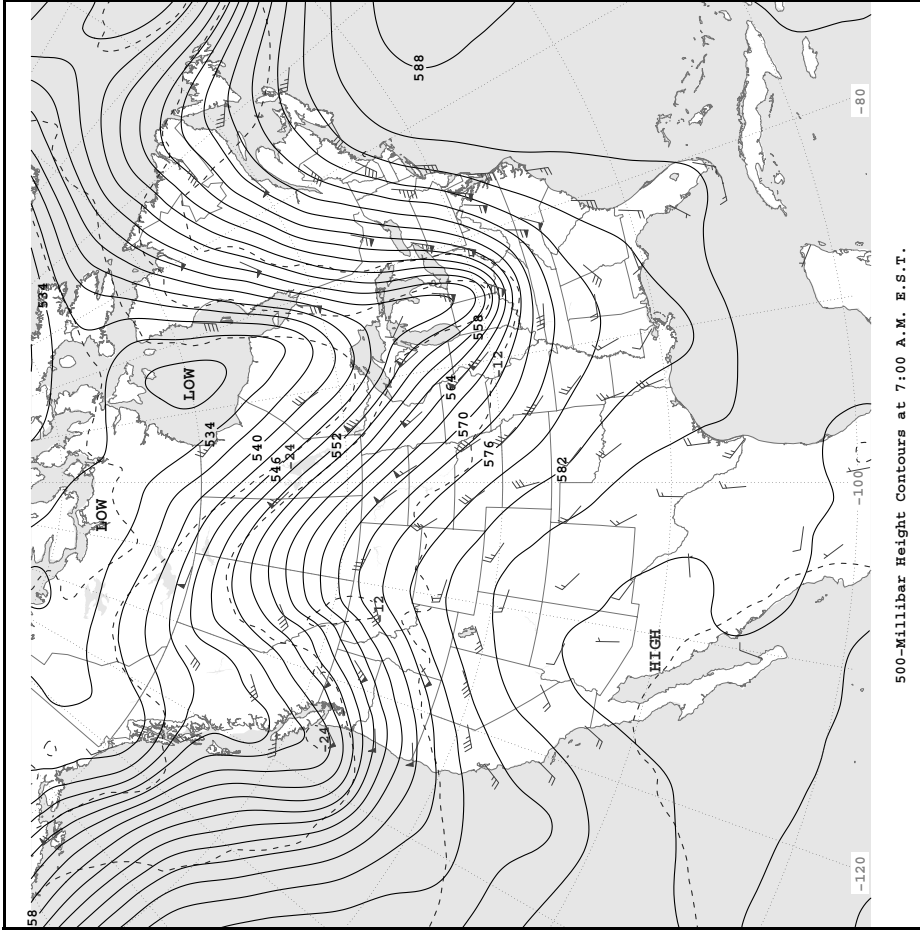
Correspondence to the meteorologists should be directed to: *Daily Weather Map*, NOAA/National Weather Service, Room 4640, 5830 University Research Court, College Park, MD 20740.

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

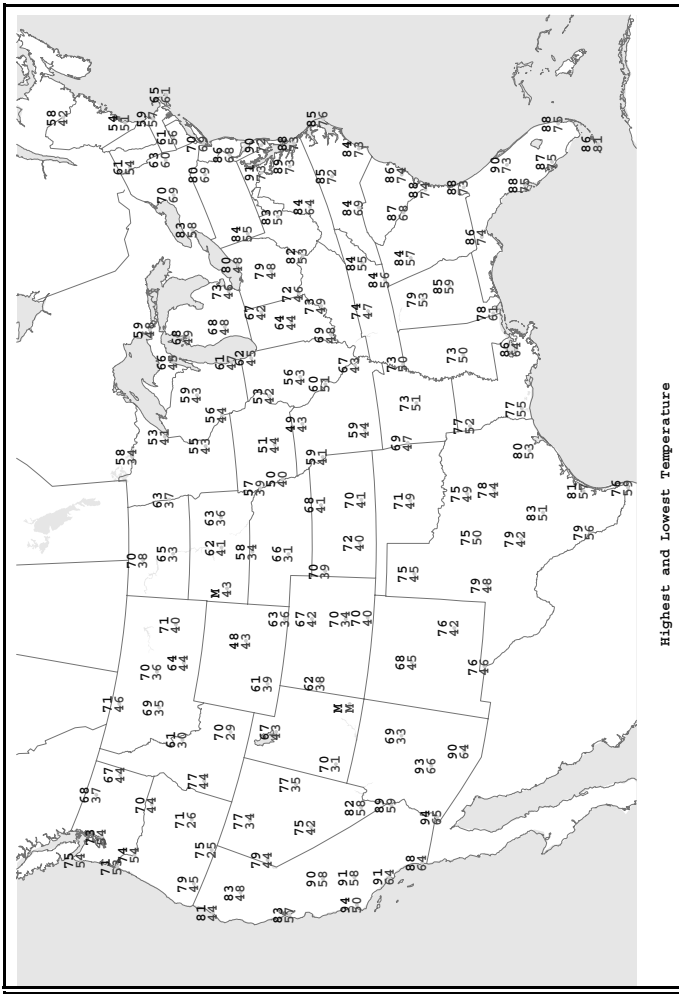
Current HPC products are available online at www.wpc.ncep.noaa.gov



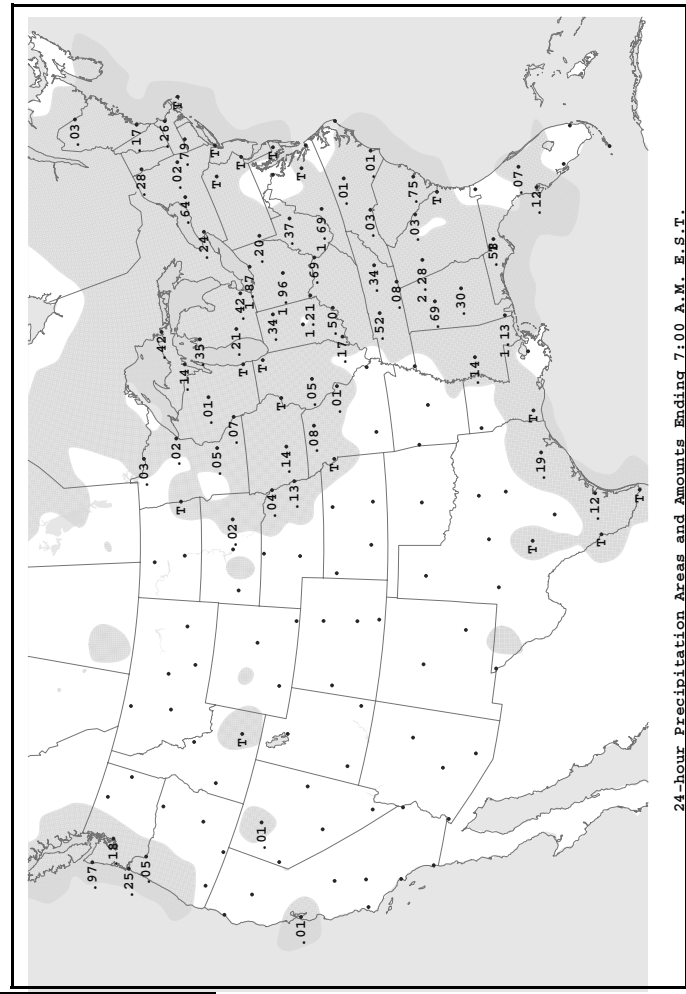
Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.



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

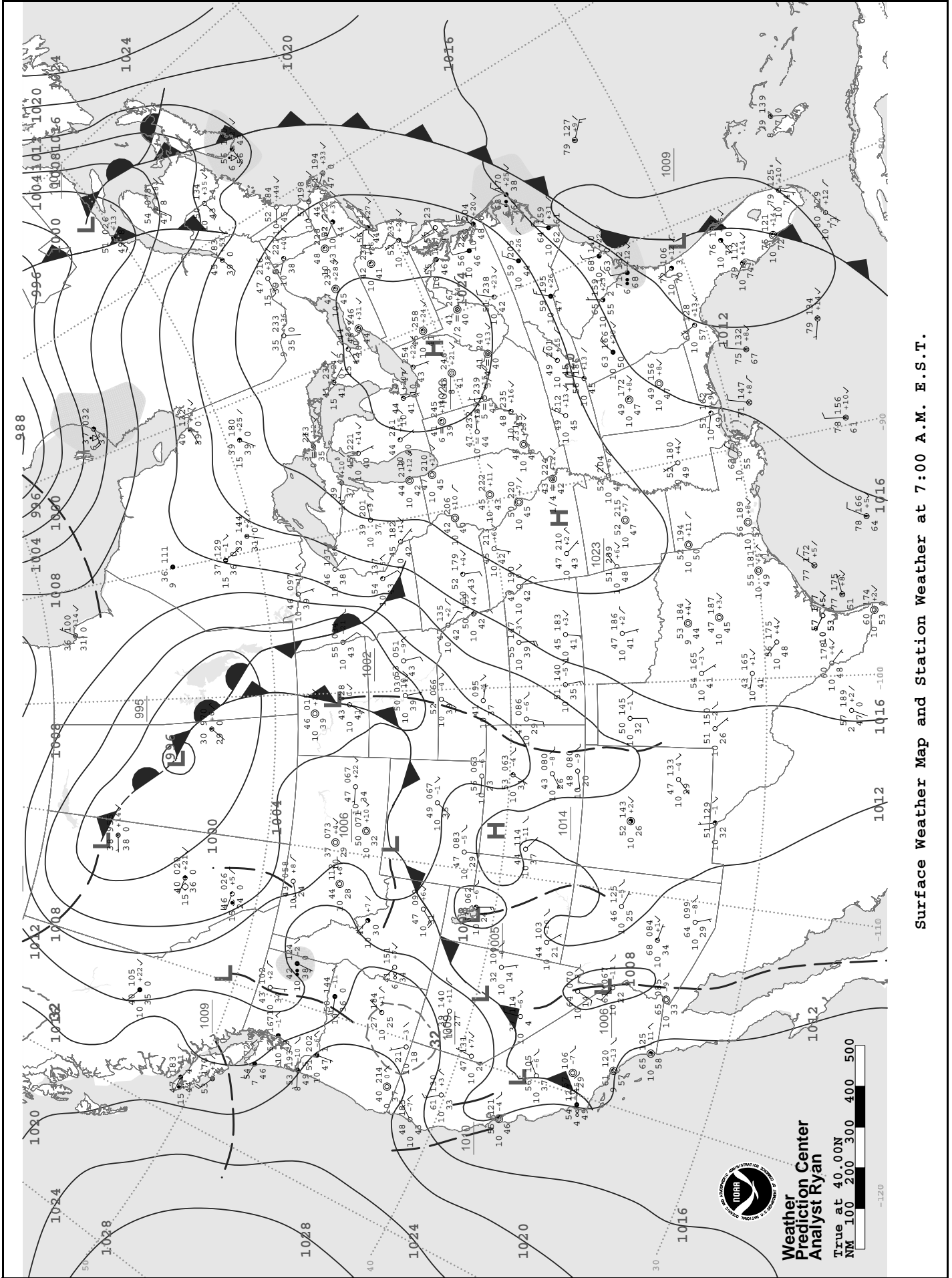
Current Temperature (in °F) — **F** — ft
 Current Temperature (in °C) — dd

Visibility (in miles) — TT — PPP
 Present Weather Symbol — V — PP a

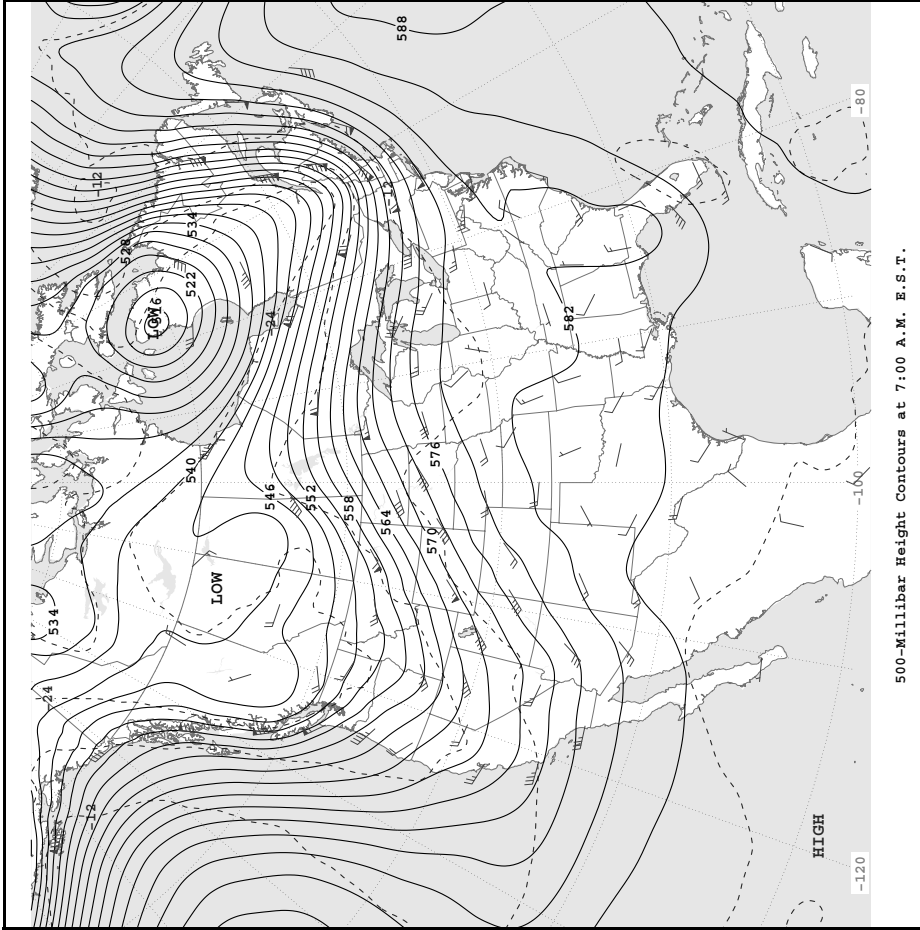
Dew Point Temperature — WW — RR
 3 Hour Pressure Tendency (in tenths) — TD
 6 Hour Total Precipitation (in hundredths of an inch) — RR

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

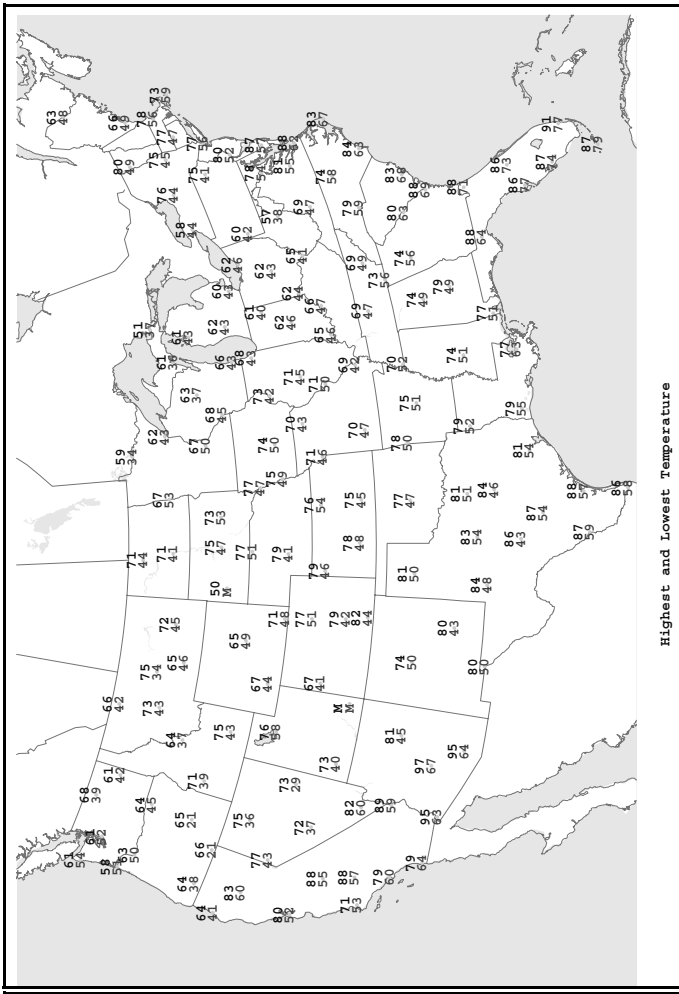
MONDAY, OCTOBER 7, 2013



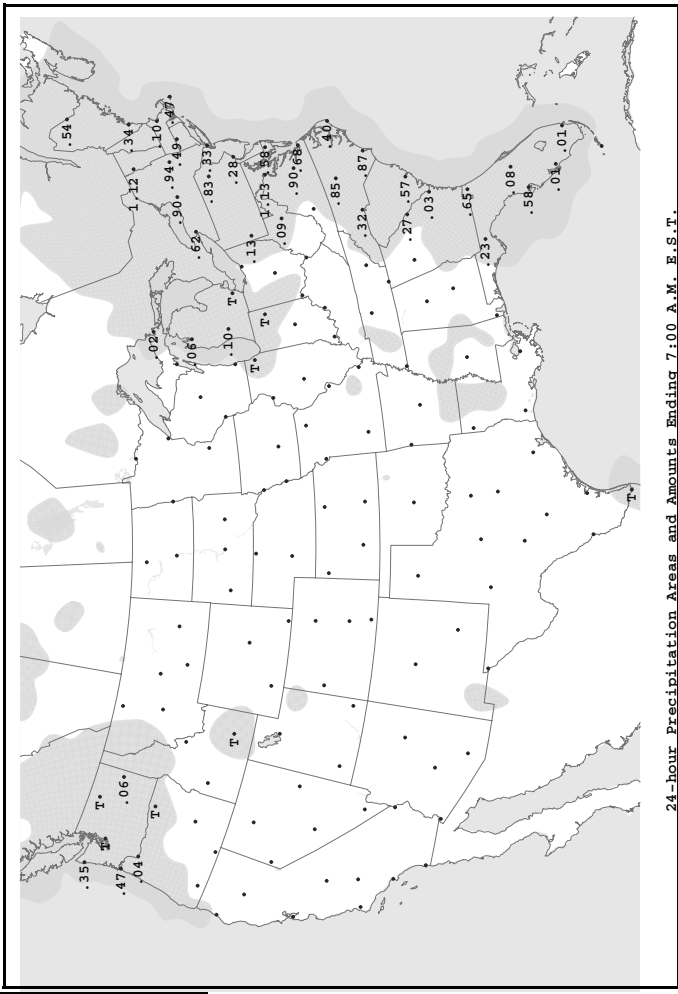
Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.



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



Highest and Lowest Temperature

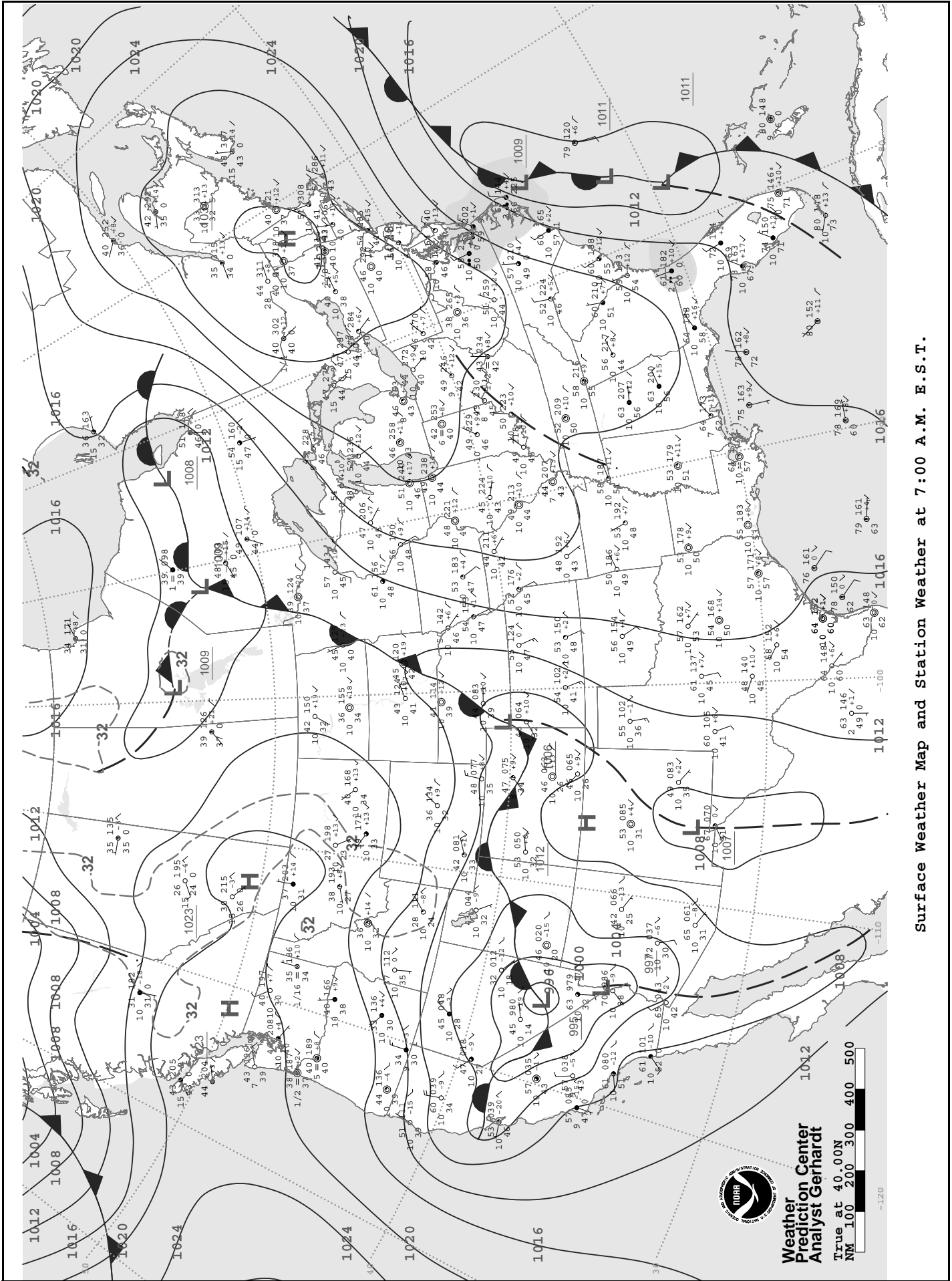


24-hour Precipitation Areas and Amounts Ending 7:00 A.M. E.S.T.

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

Station Model

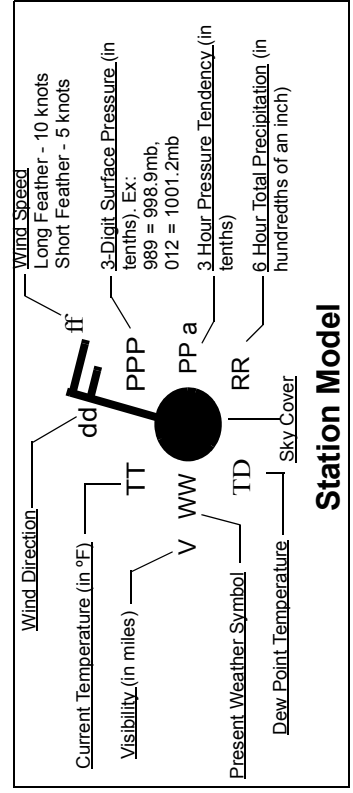
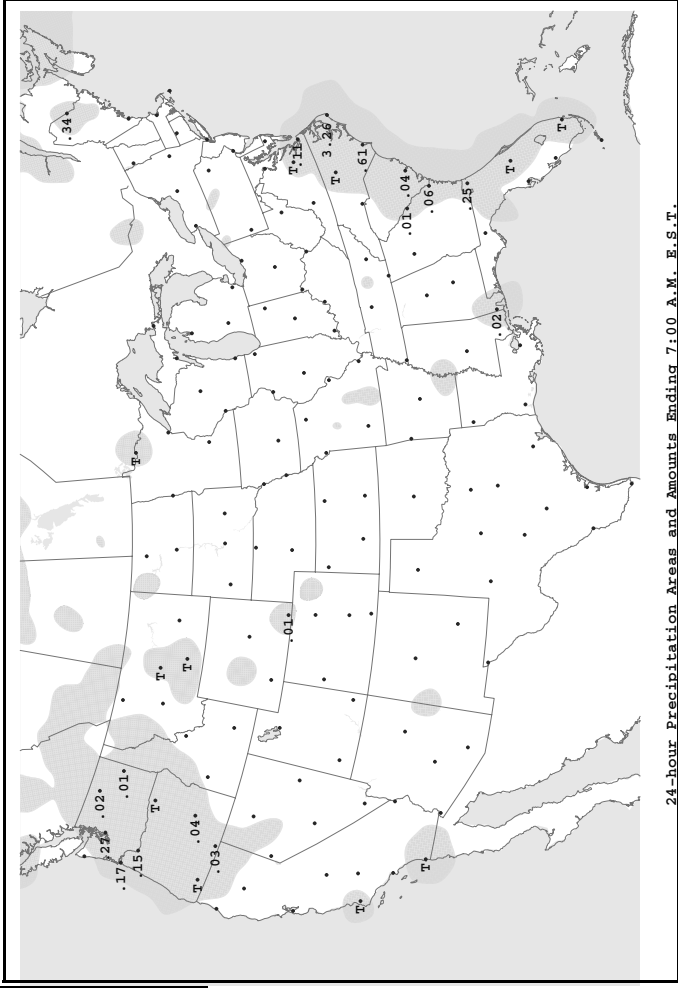
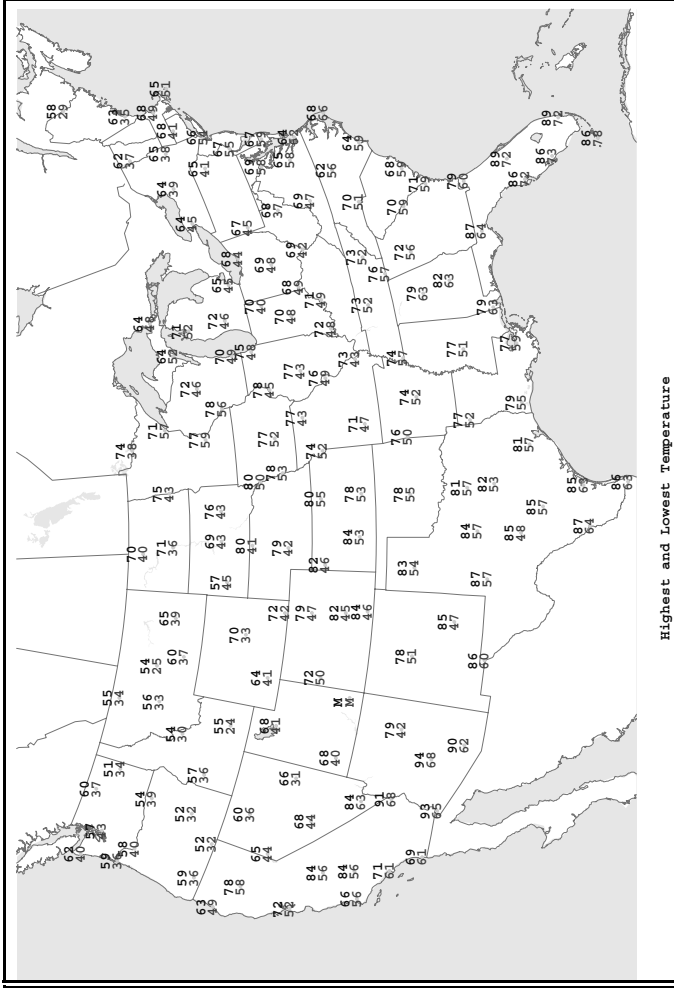
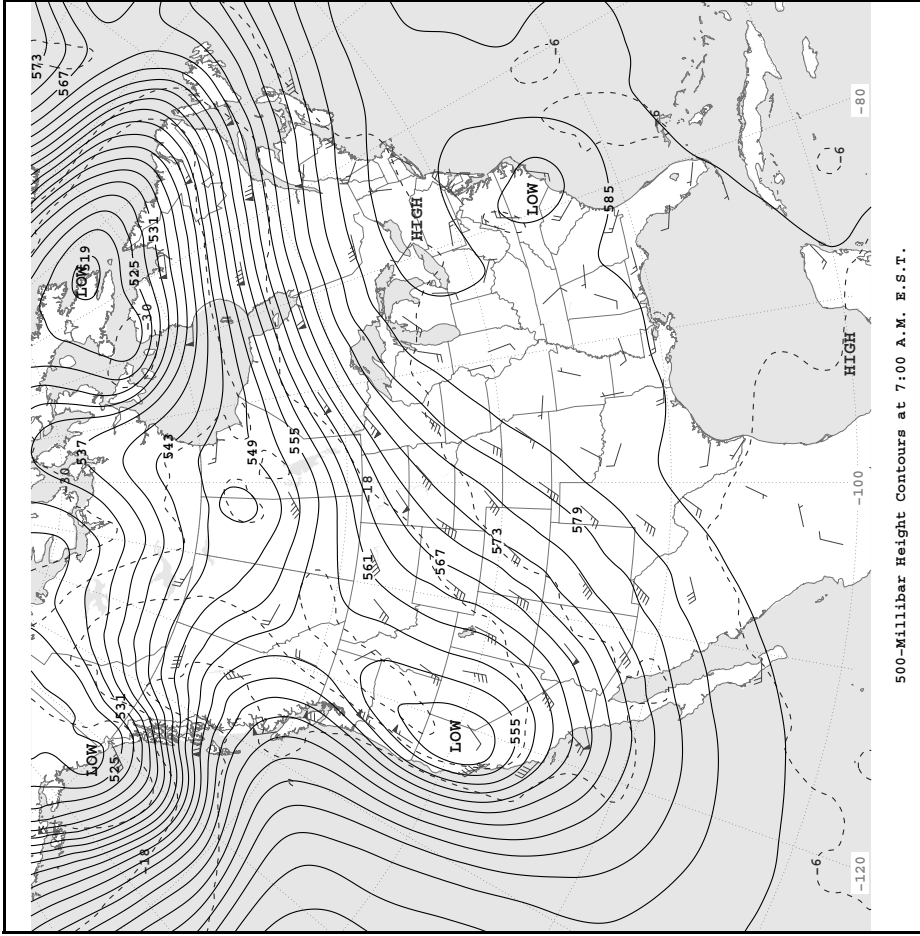
TUESDAY, OCTOBER 8, 2013



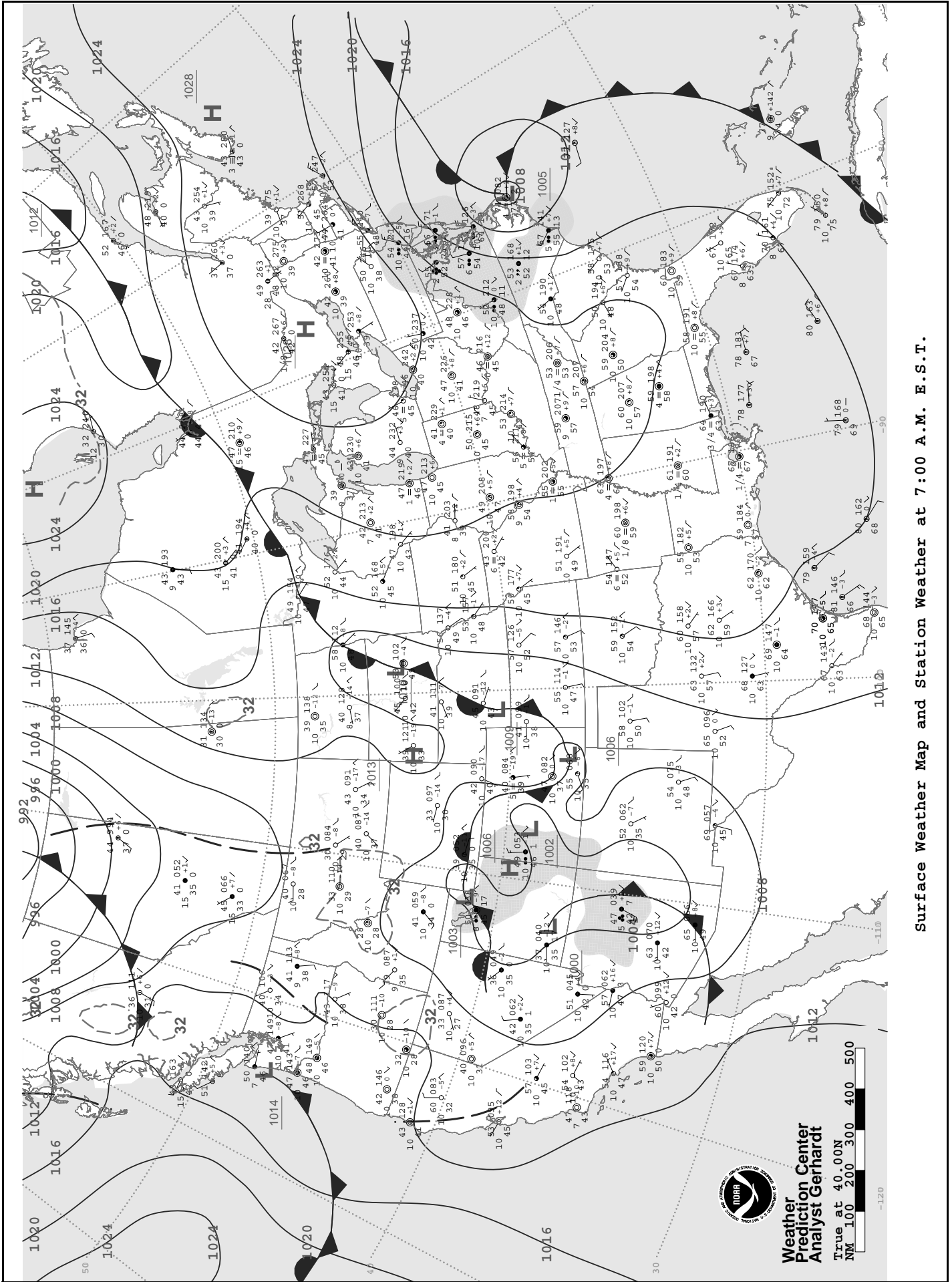
Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.

Weather Prediction Center
Analyst Gerhardt

True at 40.00N
NM 100 200 300 400 500



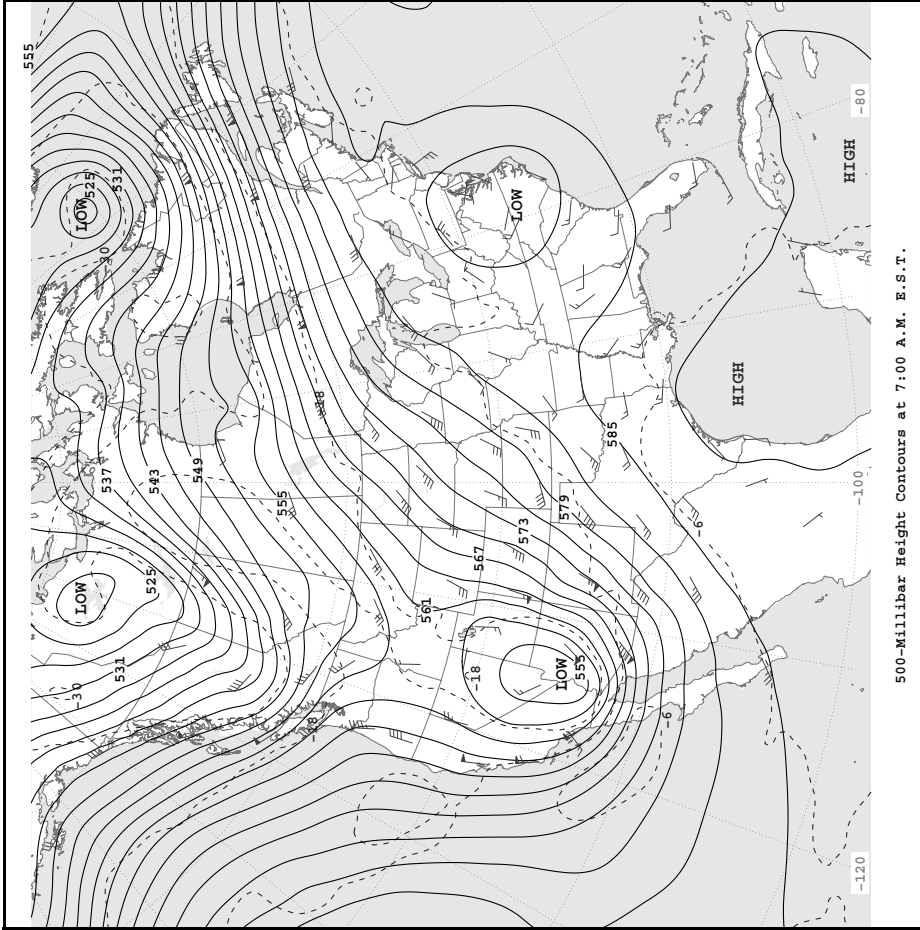
WEDNESDAY, OCTOBER 9, 2013



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

Weather Prediction Center
Analyst Gerhardt

True at 40.00N
NM 100 200 300 400 500



Wind Direction ——— Wind Speed

Current Temperature (in °F) ——— dd ——— Long Feather - 10 knots

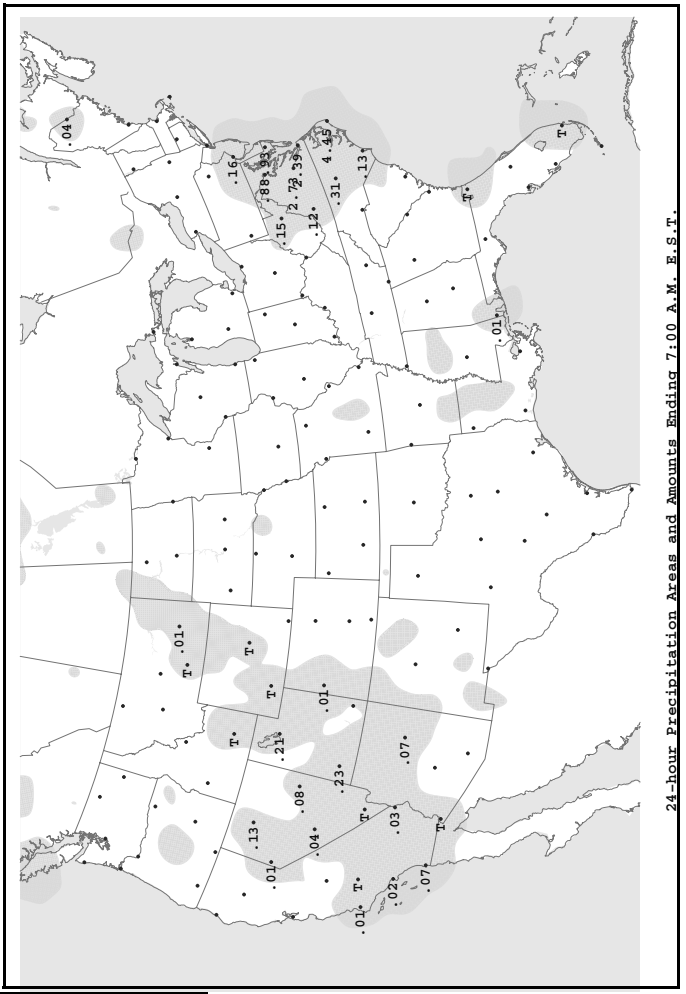
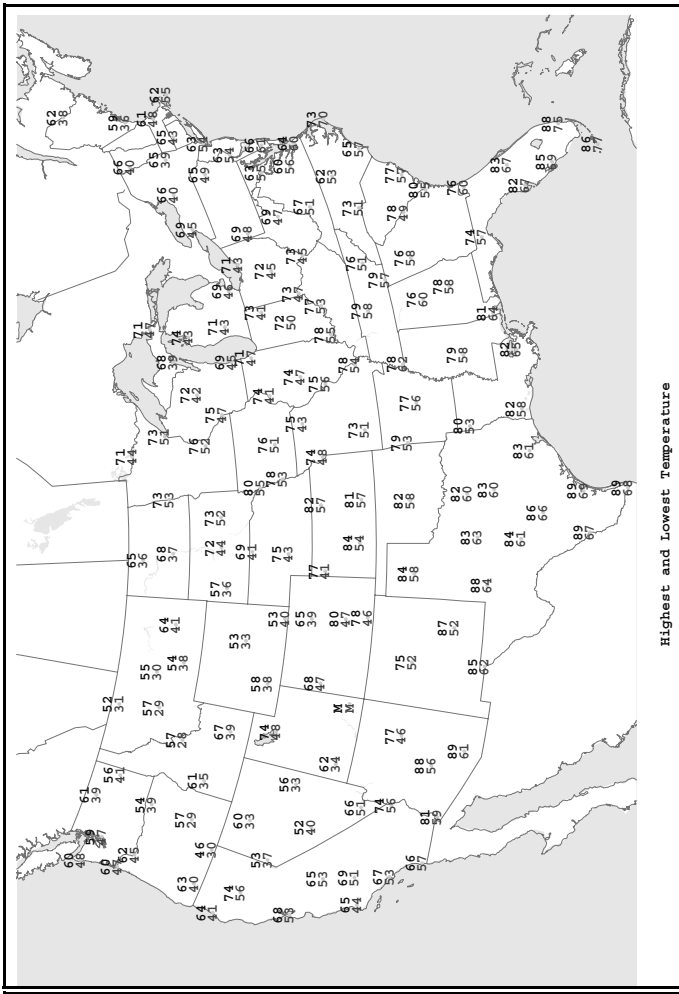
Visibility (in miles) ——— V ——— Short Feather - 5 knots

Present Weather Symbol ——— TT ——— PPP ——— 3-Digit Surface Pressure (in tenths). Ex: 989 = 998.9mb, 012 = 1001.2mb

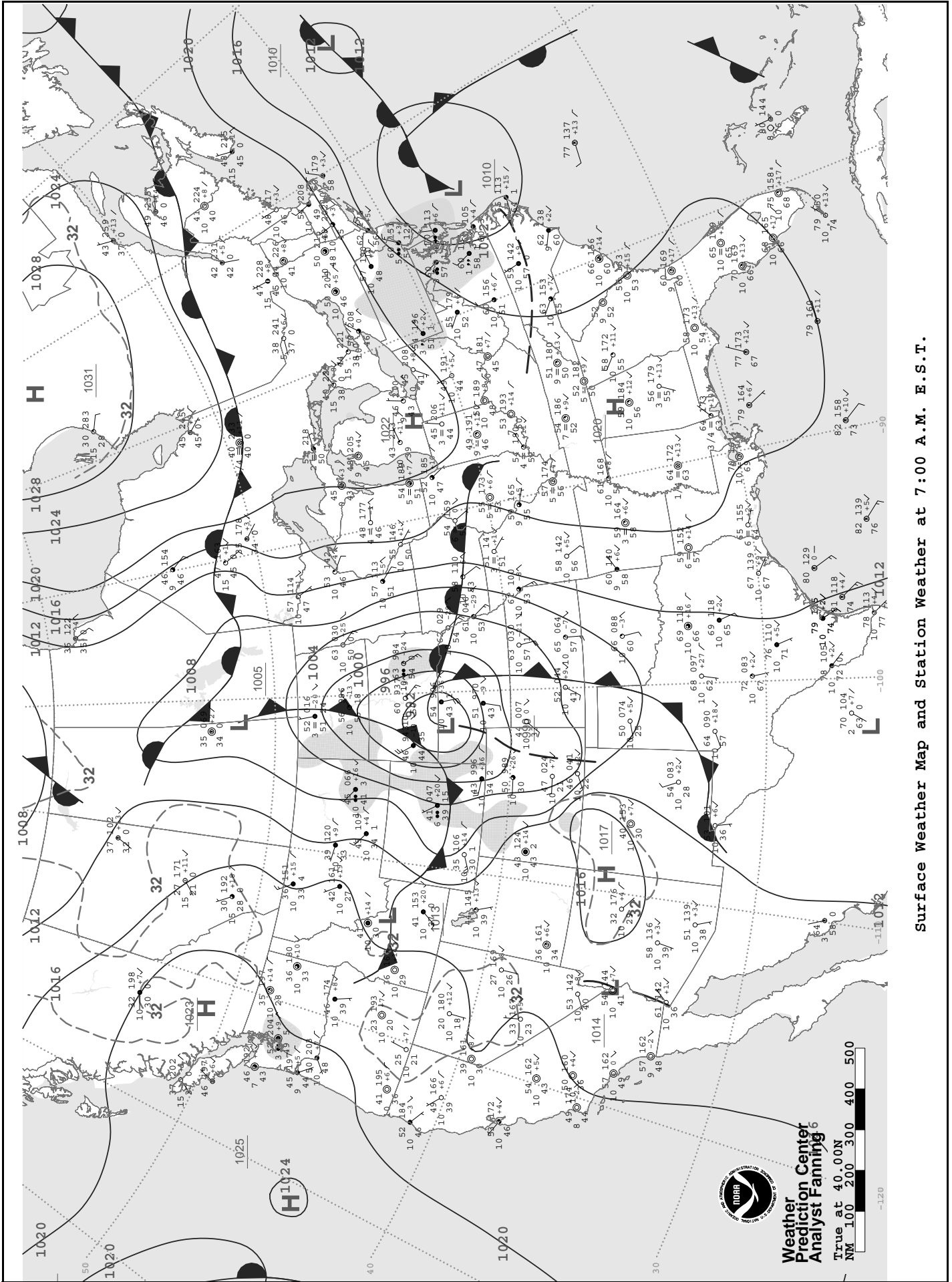
Dew Point Temperature ——— TD ——— PP a ——— 3 Hour Pressure Tendency (in tenths)

———— Sky_Cover ——— RR ——— 6 Hour Total Precipitation (in hundredths of an inch)

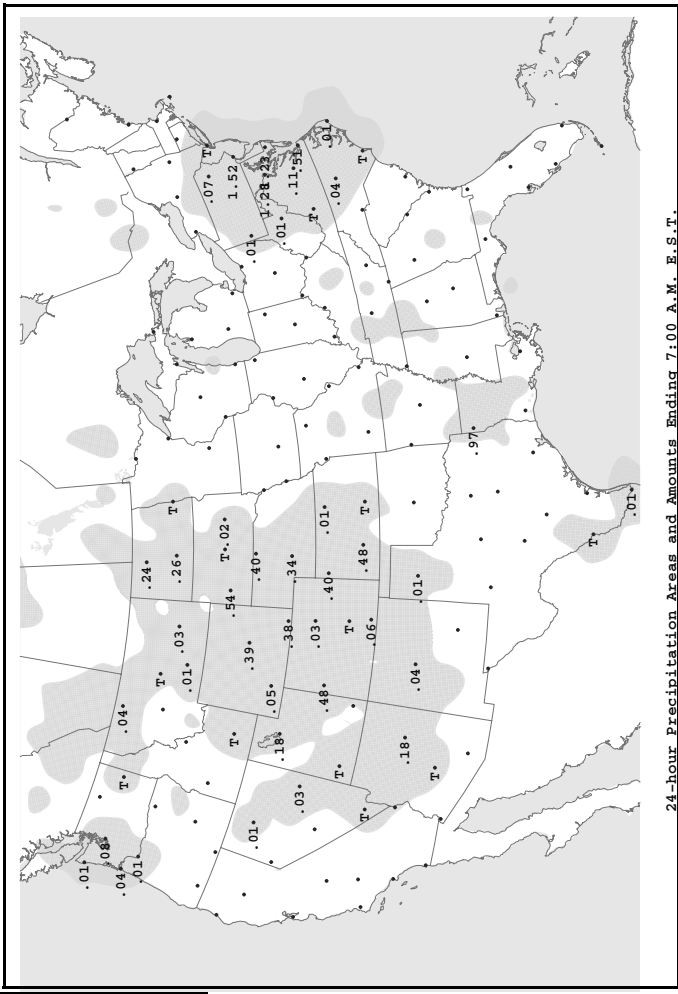
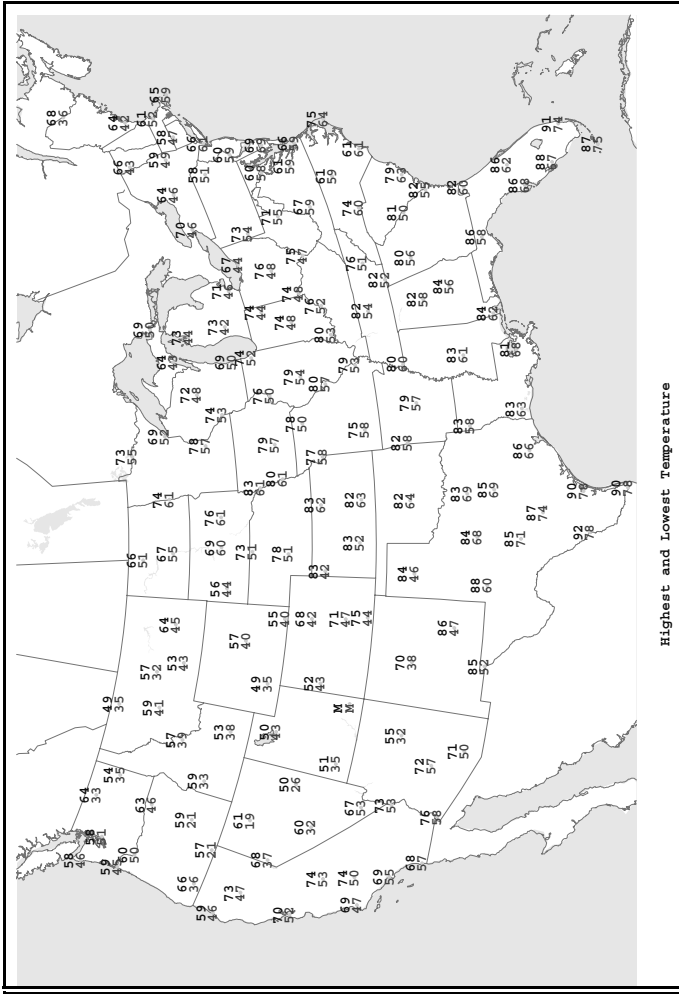
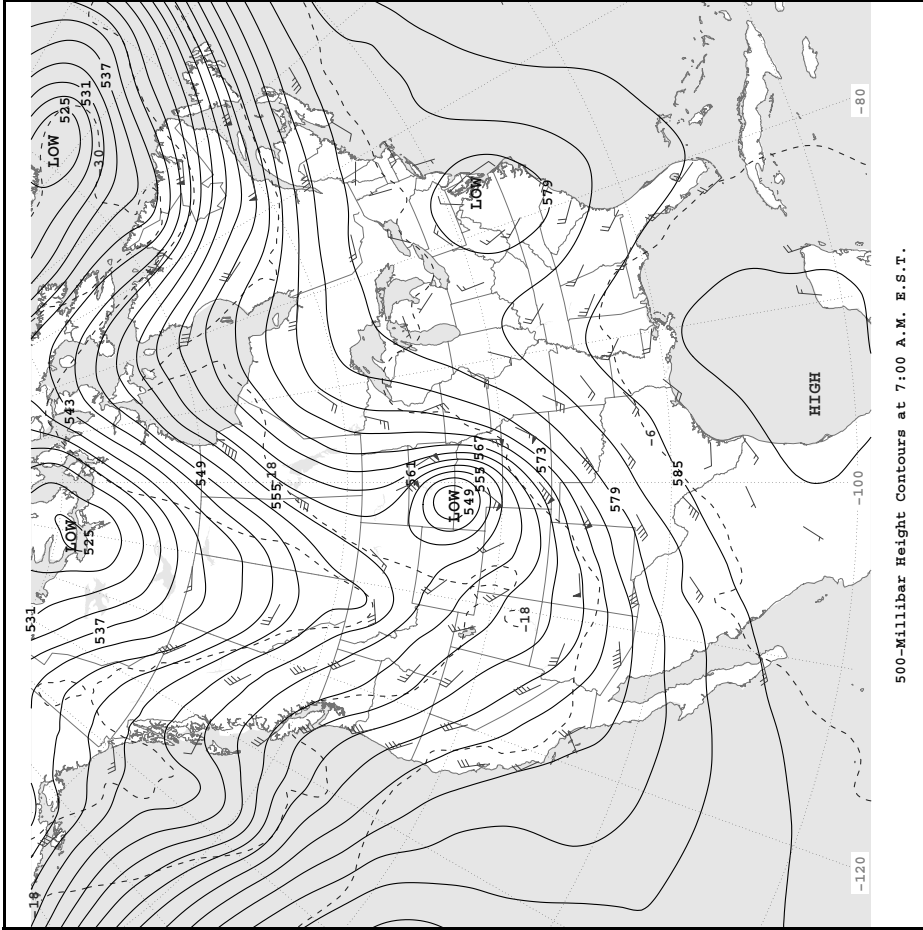
Station Model



THURSDAY, OCTOBER 10, 2013



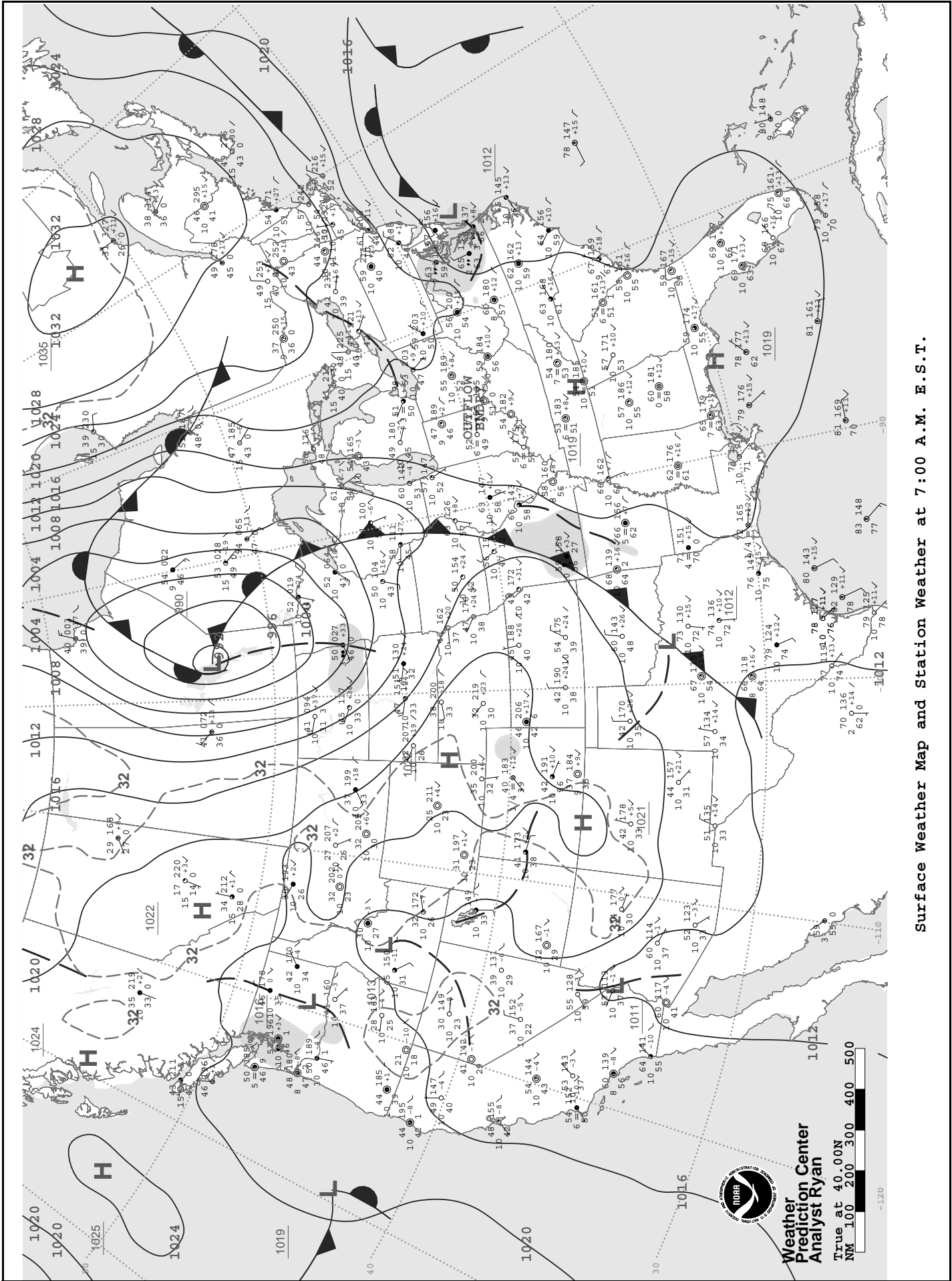
Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.



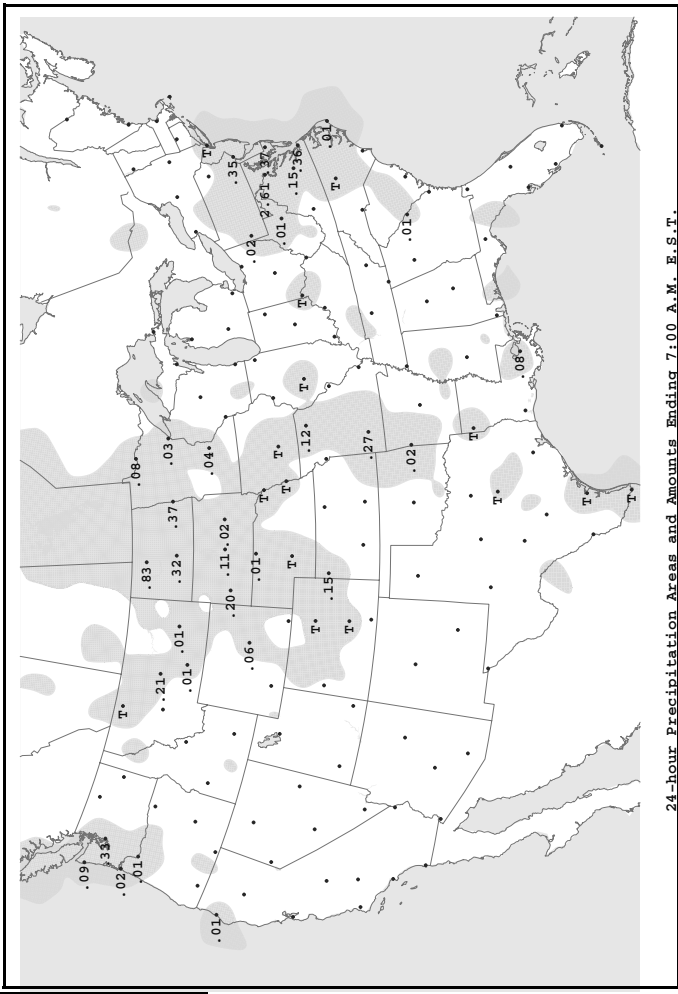
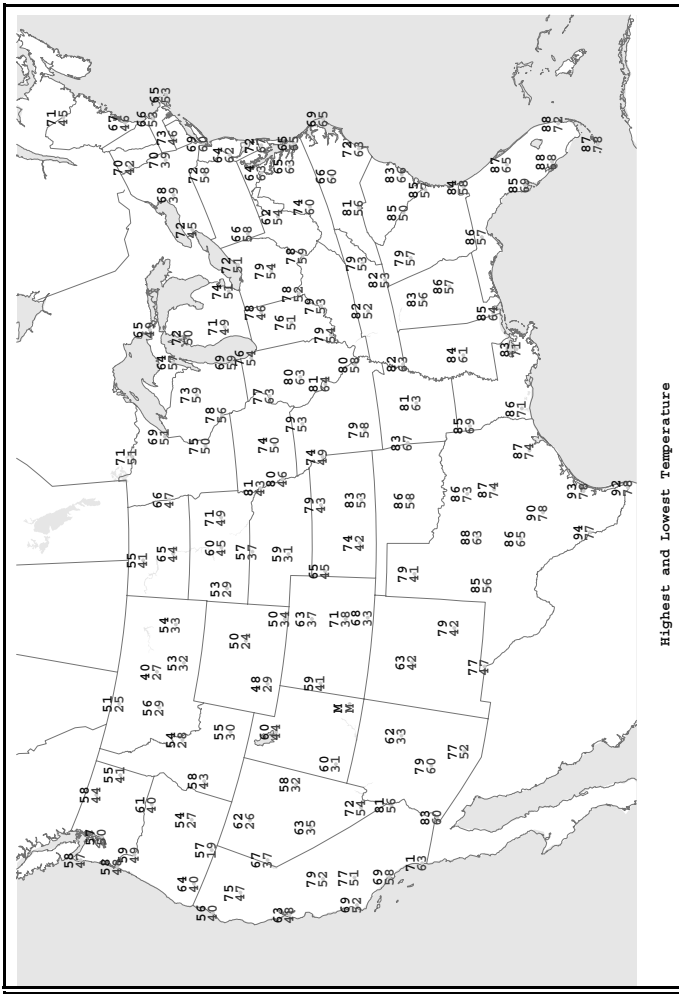
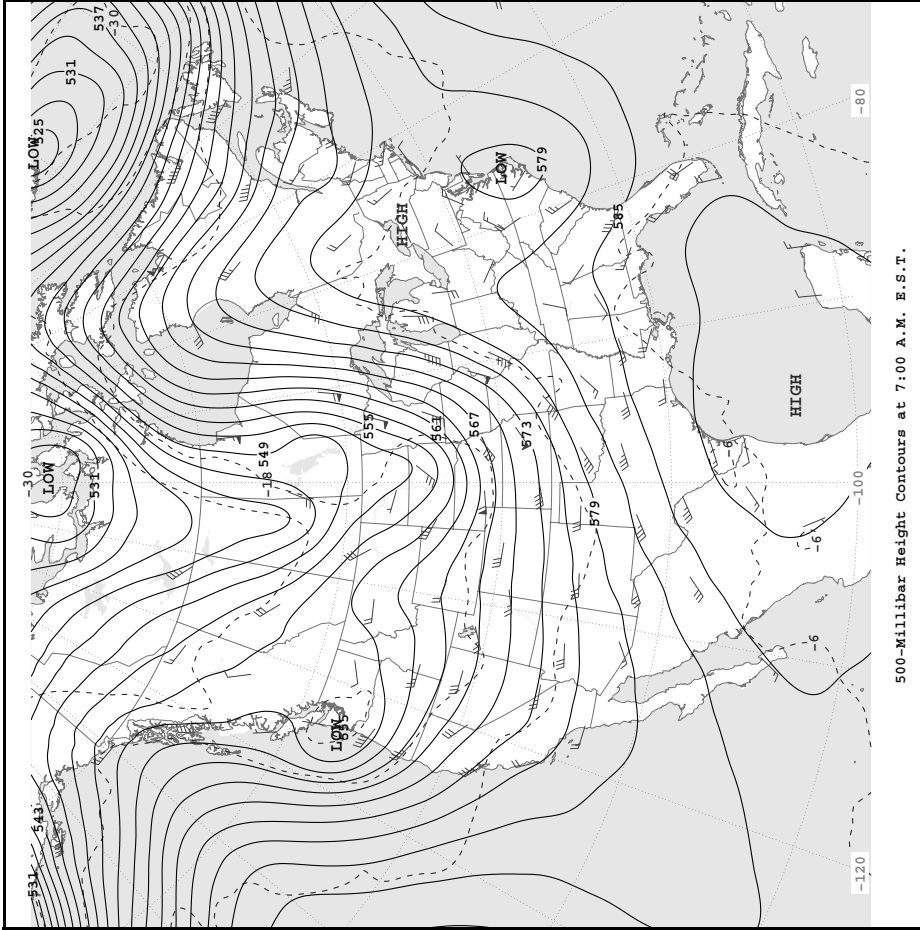
Wind Direction	Wind Speed
Current Temperature (in °F)	Long Feather - 10 knots
Visibility (in miles)	Short Feather - 5 knots
Present Weather Symbol	3-Digit Surface Pressure (in tenths). Ex: 989 = 998.9mb, 012 = 1001.2mb
Dew Point Temperature	3 Hour Pressure Tendency (in tenths)
Sky Cover	6 Hour Total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

Station Model

FRIDAY, OCTOBER 11, 2013



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

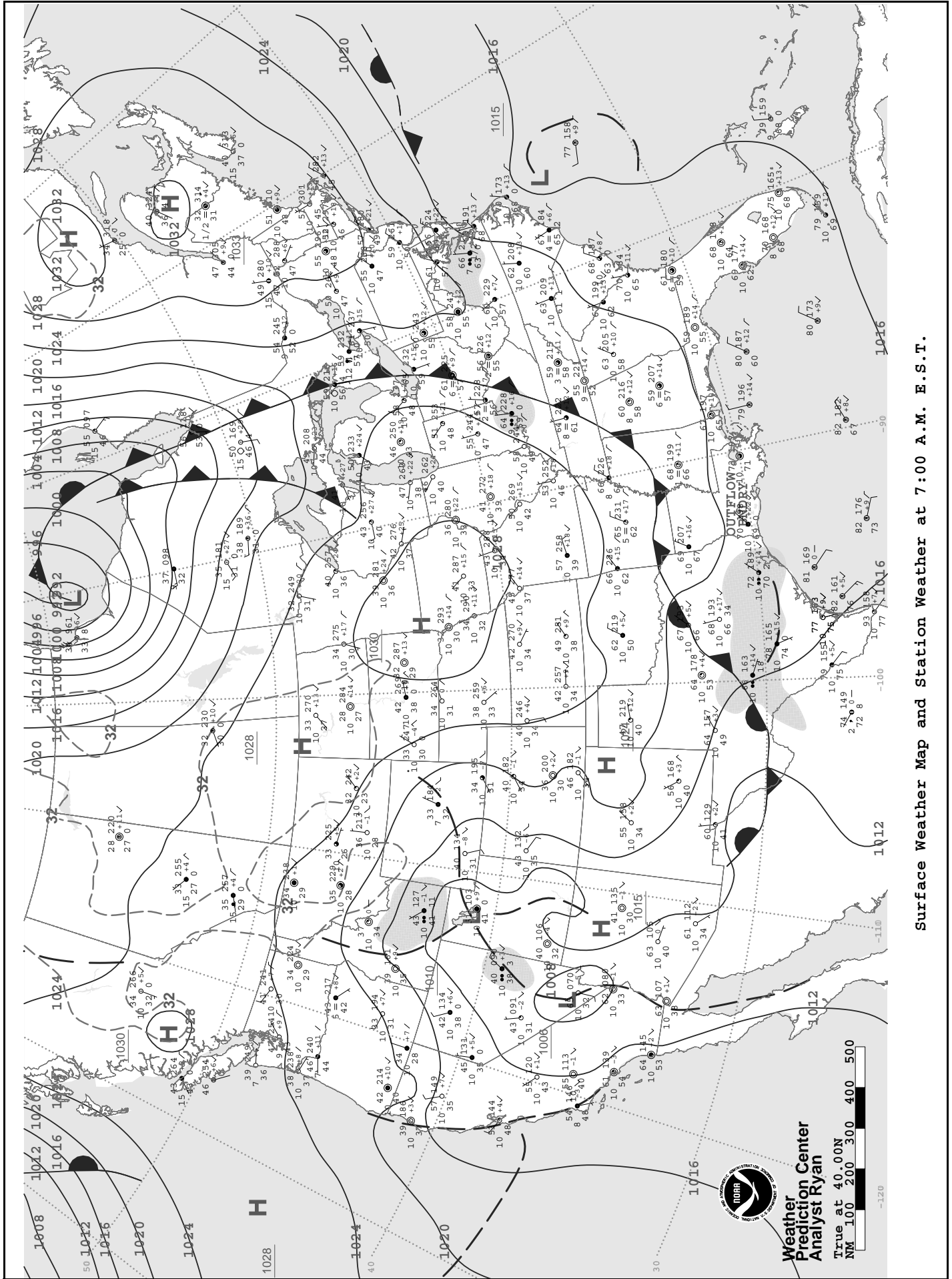


Station Model

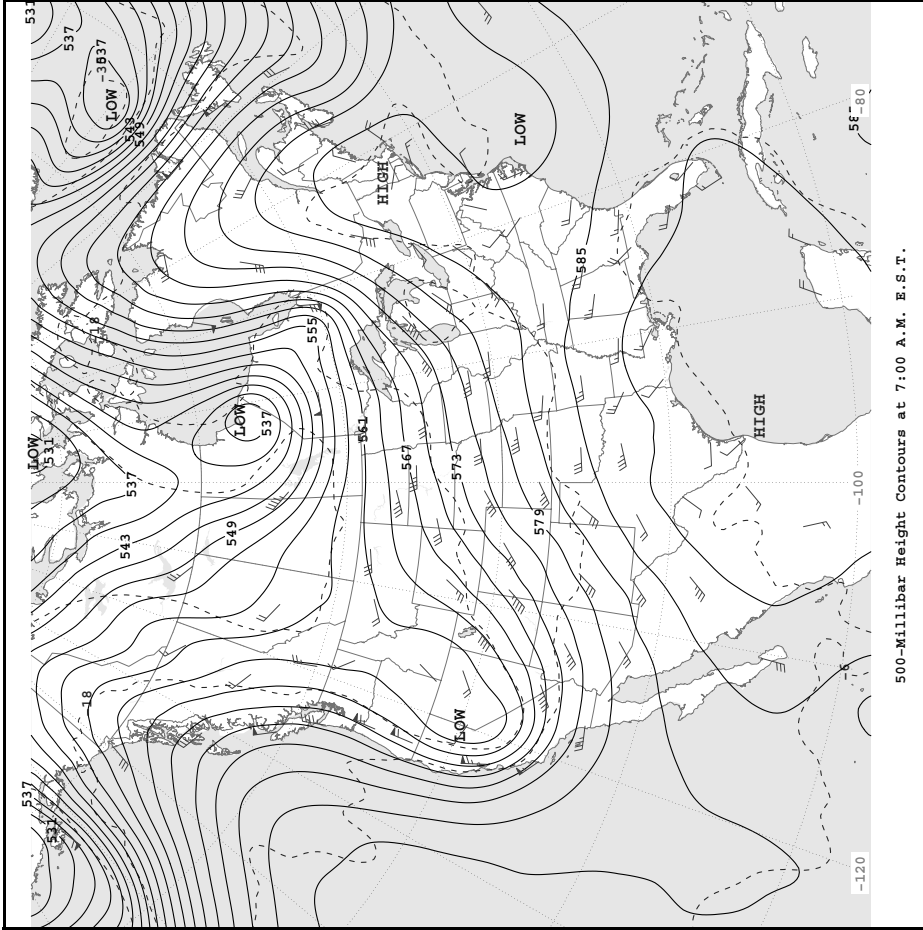
The station model diagram consists of the following elements:

- Wind Direction:** Indicated by a long feather (10 knots) and a short feather (5 knots).
- Current Temperature (in °F):** Represented by the number 'dd'.
- Visibility (in miles):** Represented by the letter 'V'.
- Present Weather Symbol:** Represented by a circle with a vertical line through it.
- Dew Point Temperature:** Represented by the number 'TT'.
- 3-Digit Surface Pressure (in tenths):** Represented by the number 'PPP'.
- 3 Hour Pressure Tendency (in tenths):** Represented by the number 'PP a'.
- 6 Hour Total Precipitation (in hundredths of an inch):** Represented by the number 'RR'.
- Sky Cover:** Represented by a horizontal line.

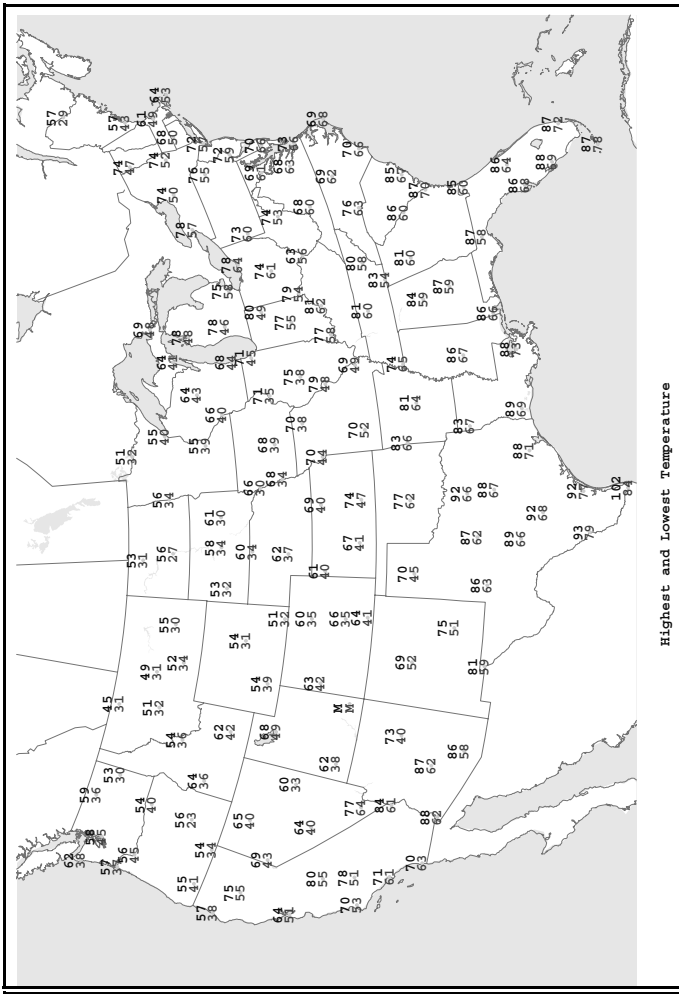
SATURDAY, OCTOBER 12, 2013



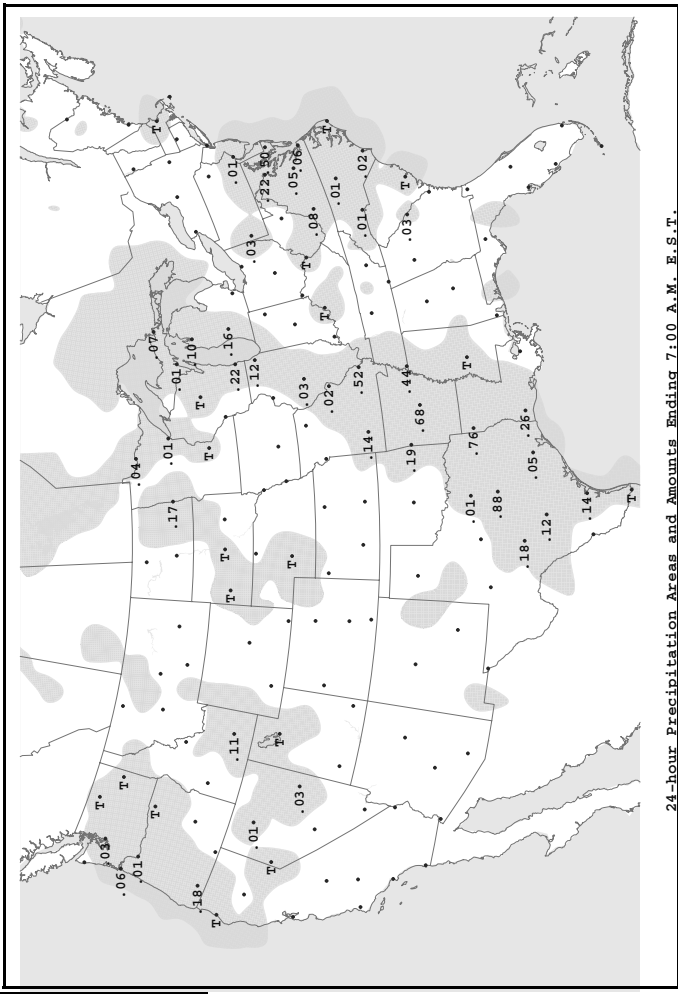
Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.



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.

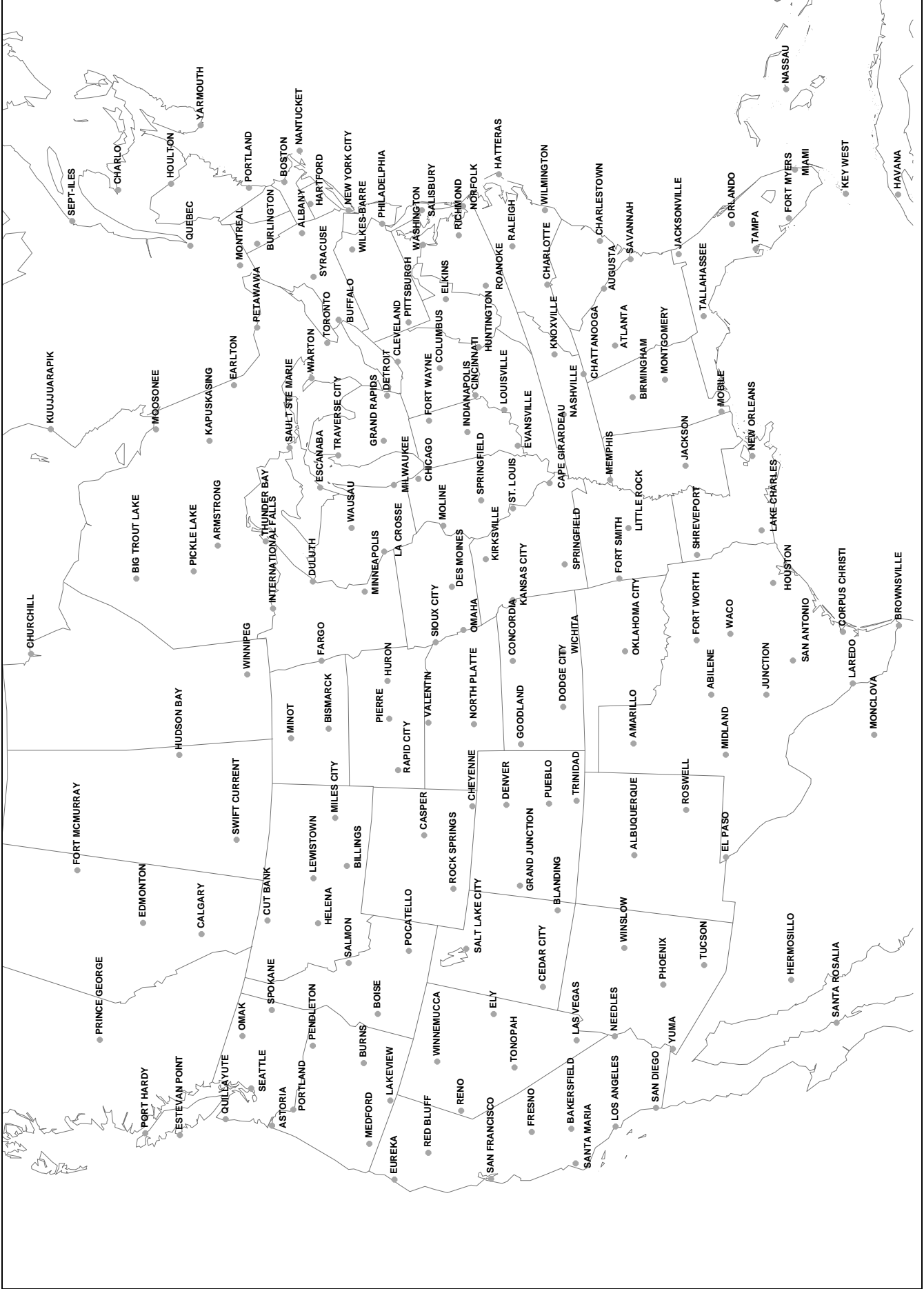
Station Model

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

Current Temperature (in °F) ——— dd ——— °F
 Wind Direction ——— F ——— ft

Visibility (in miles) ——— V ——— miles
 3-Digit Surface Pressure (in tenths). Ex: 989 = 998.9mb, 012 = 1001.2mb
 Present Weather Symbol ——— P ——— P
 Dew Point Temperature ——— TT ——— °F
 3 Hour Pressure Tendency (in tenths) ——— PP ——— a
 6 Hour Total Precipitation (in hundredths of an inch) ——— RR ——— a
 Sky Cover ——— Sky_Cover

SUNDAY, OCTOBER 13, 2013



Daily Weather Map Station Names and Locations