



Daily Weather Maps

DECEMBER 5, 2016 - DECEMBER 11, 2016

Week 49

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.

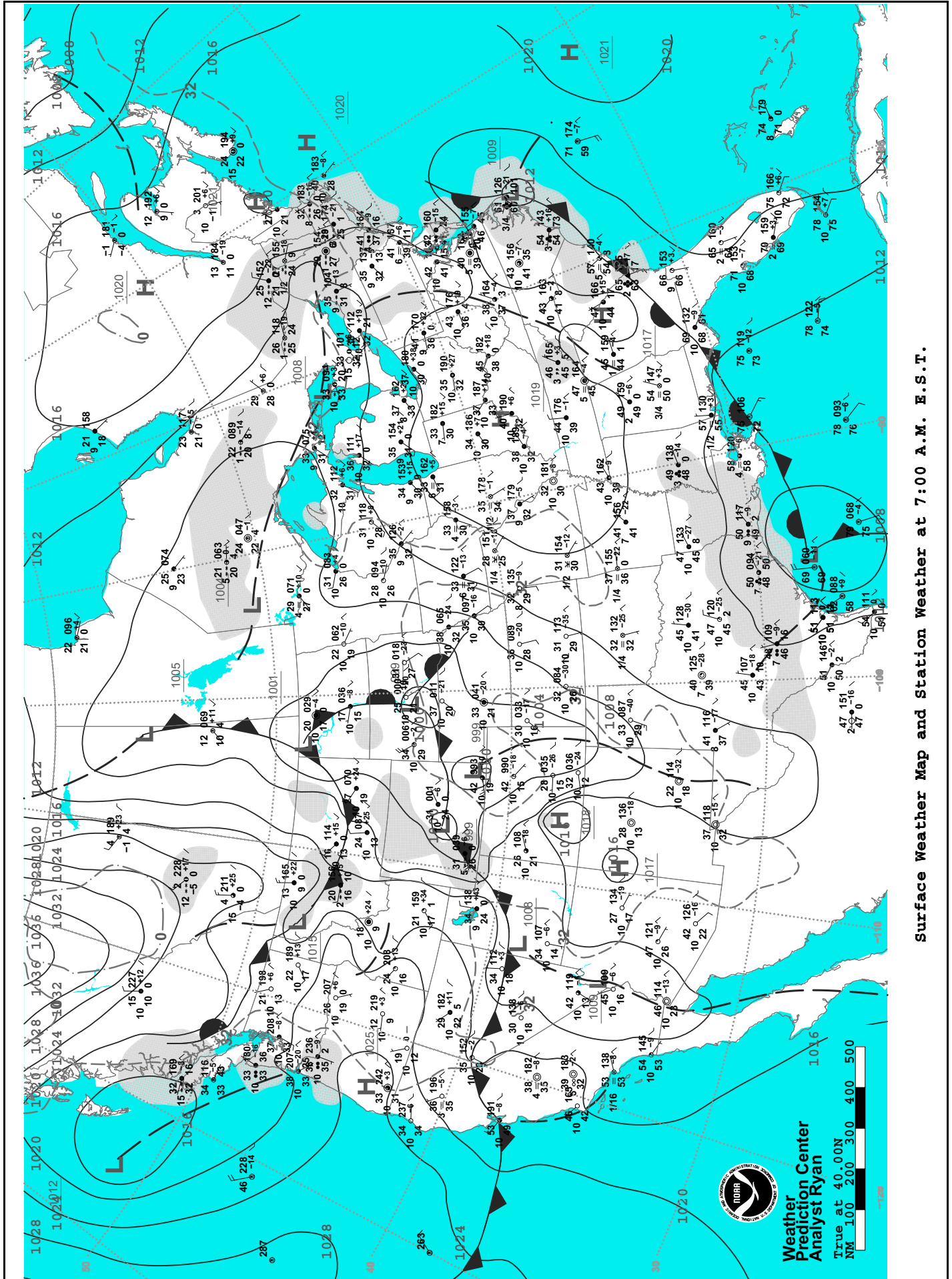
The Precipitation Areas and Amounts chart shows areas (shaded) that had precipitation during the 24 hours ending at 7:00 a.m. EST, with amounts to the nearest hundredth of an inch. "T" indicates a trace of precipitation.

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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.

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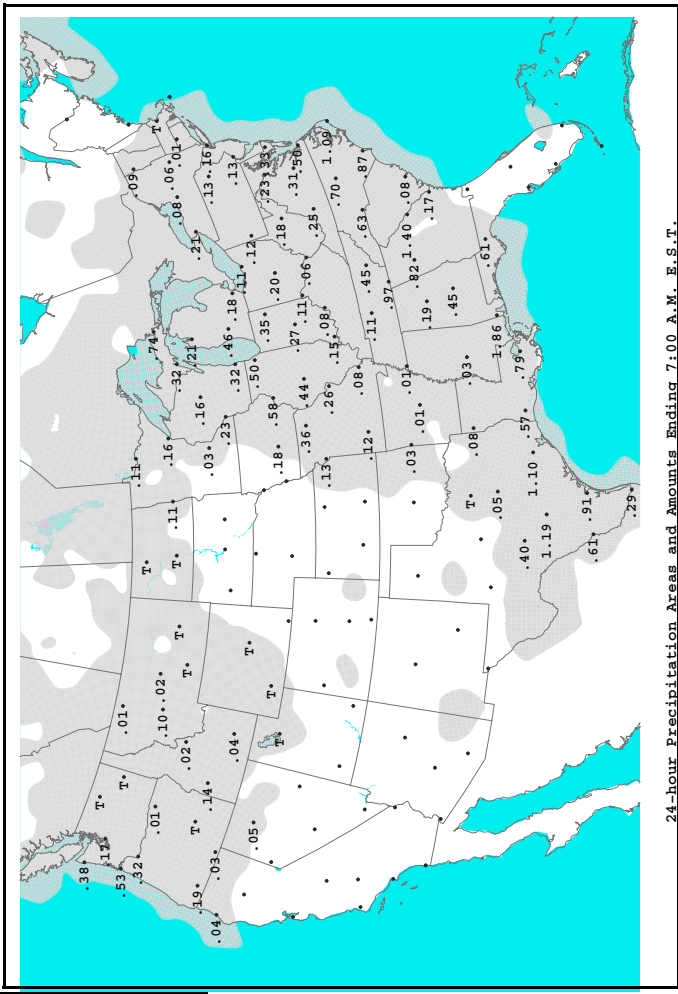
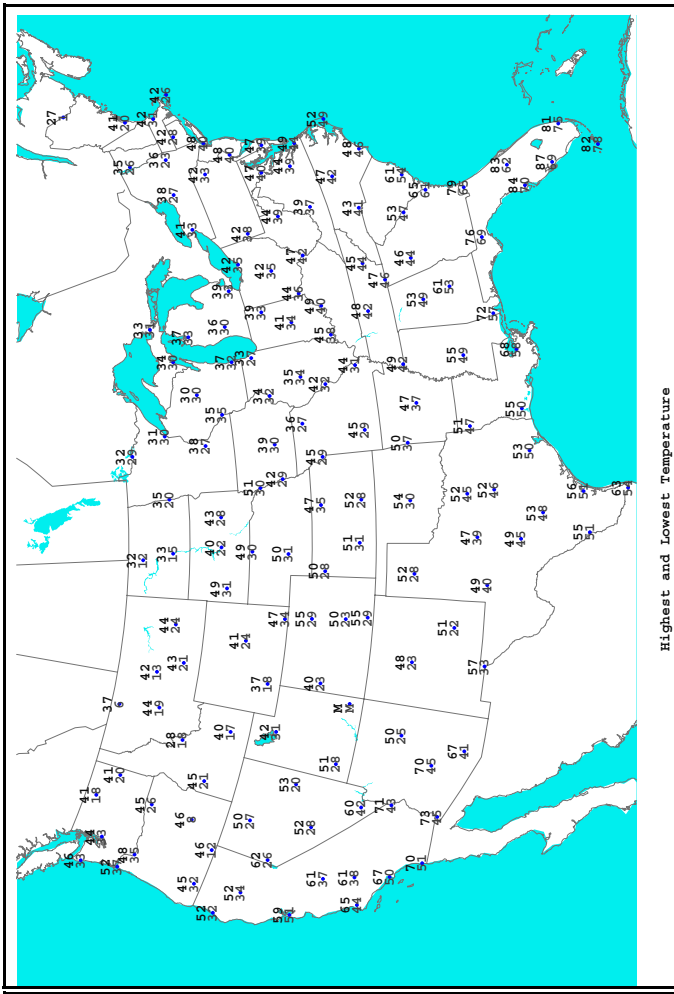
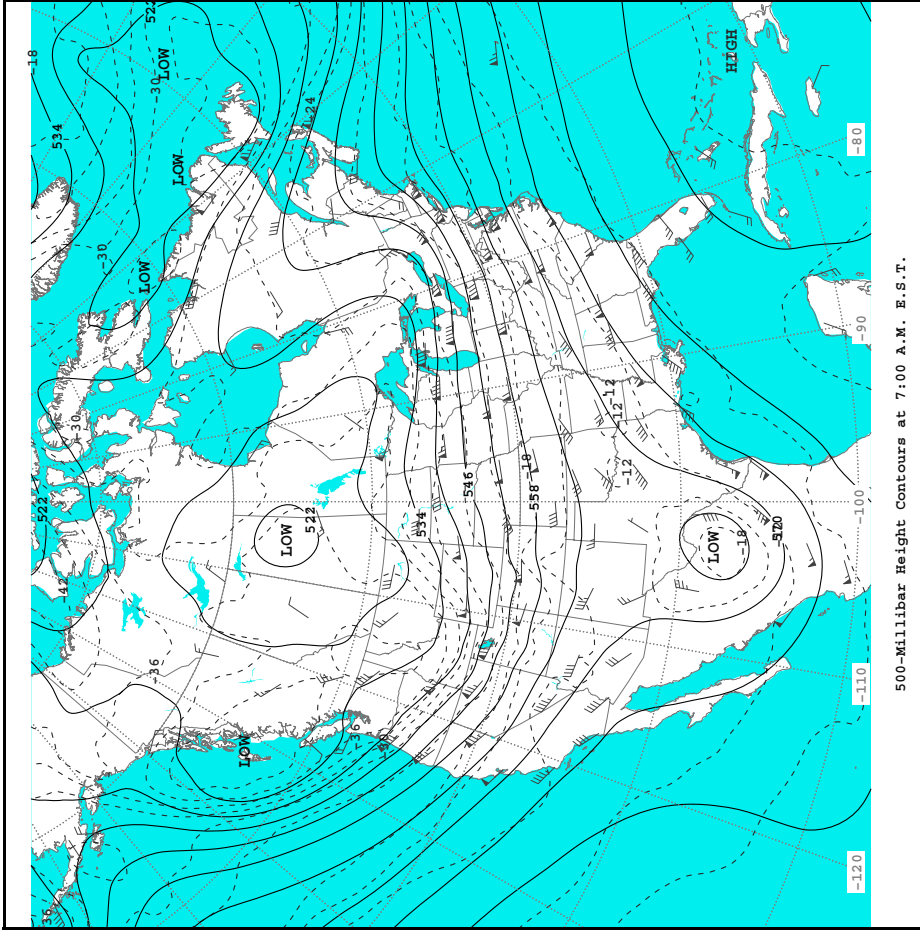


Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.



Weather Prediction Center
Analyst Ryan

True at 40.00N
NM 100 200 300 400 500



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**

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

Present Weather Symbol: **●**

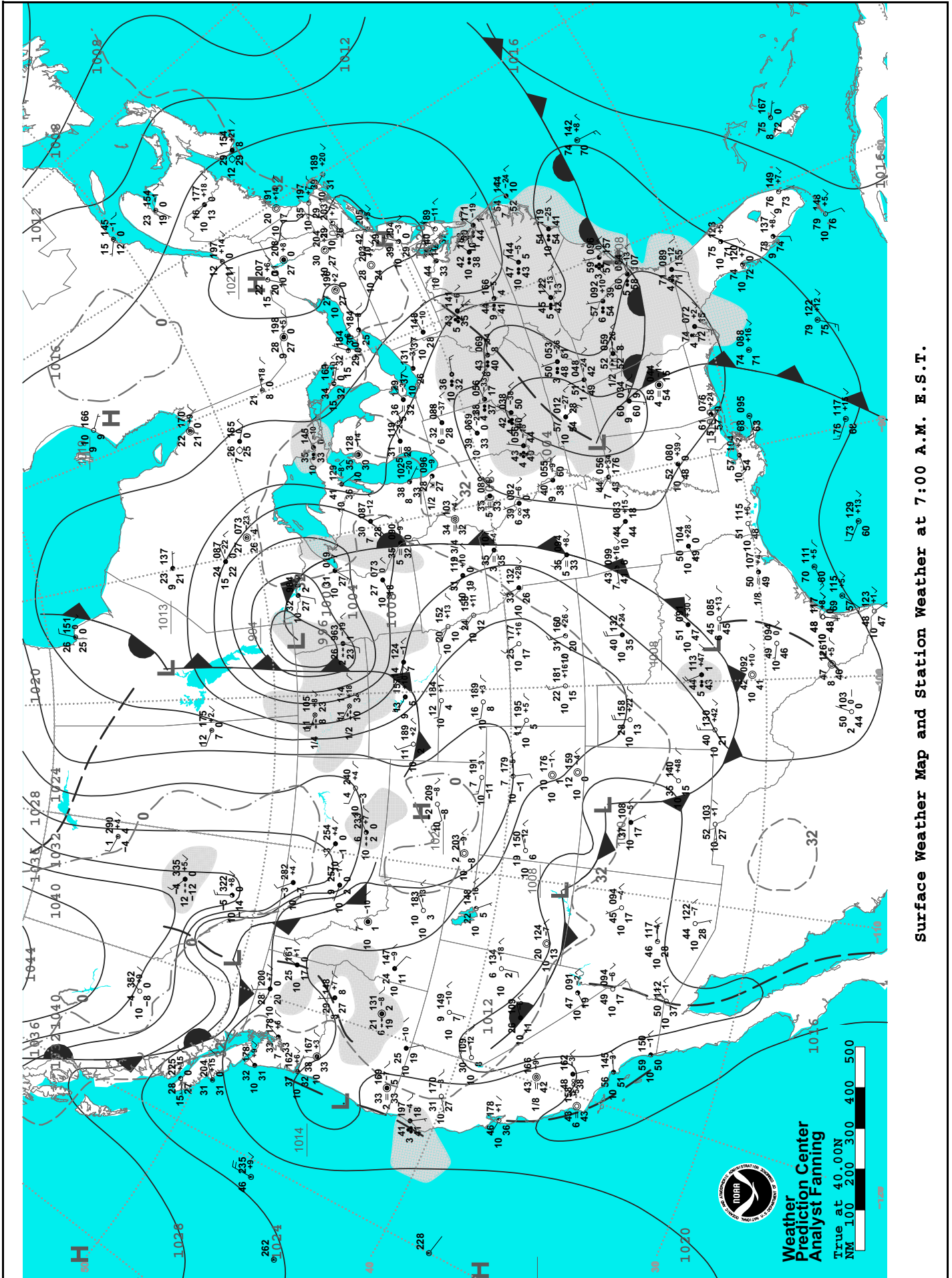
Dew Point Temperature: **TT**

Visibility (in miles): **V**

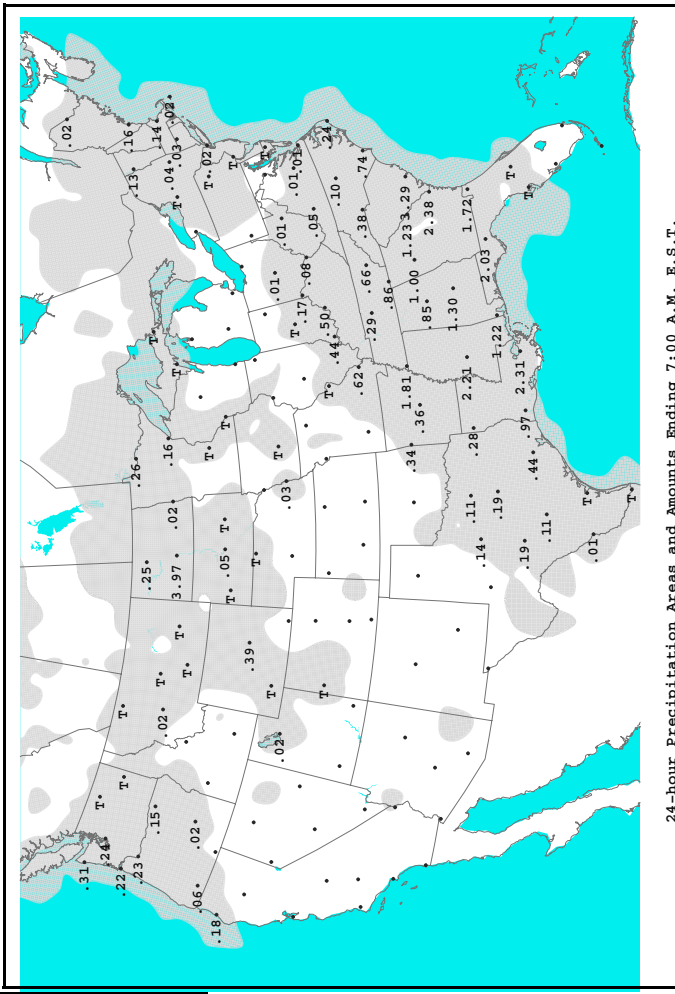
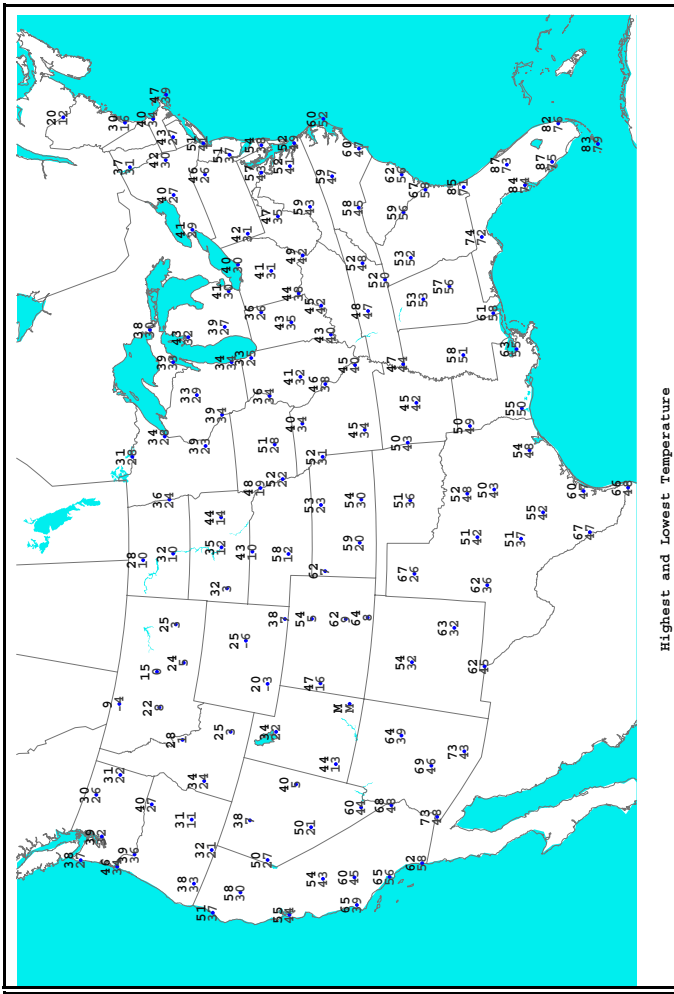
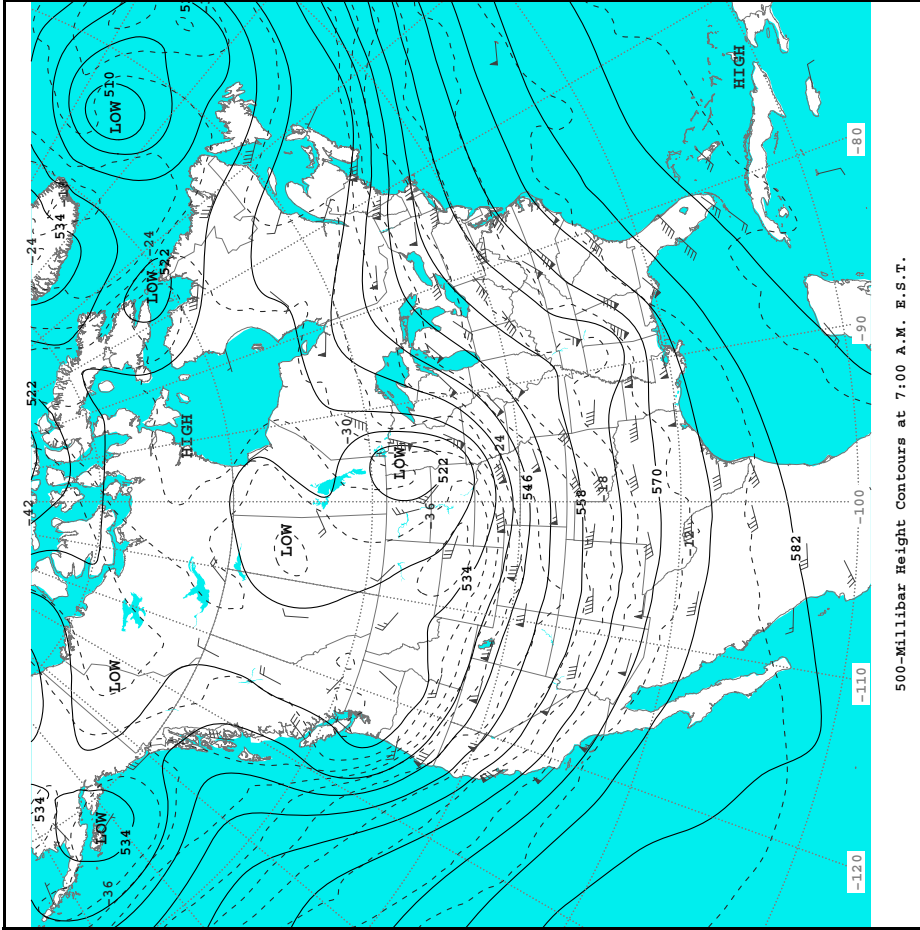
Sky Cover: **Skv_Cover**

Ex: 989 = 998.9mb, 012 = 1001.2mb

MONDAY, DECEMBER 5, 2016



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



Station Model

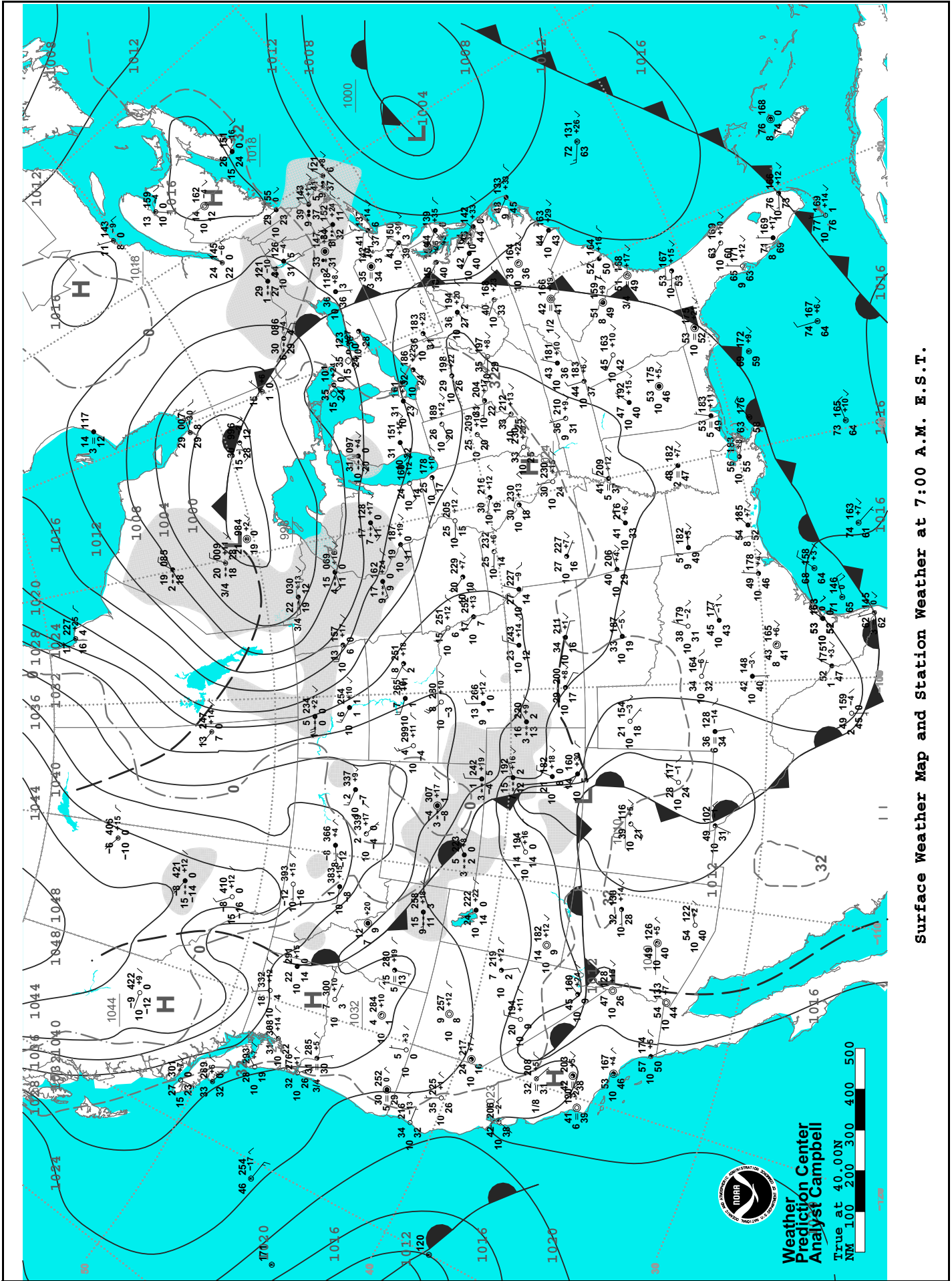
Wind Direction ——— Wind Speed
 Long Feather - 10 knots
 Short Feather - 5 knots

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

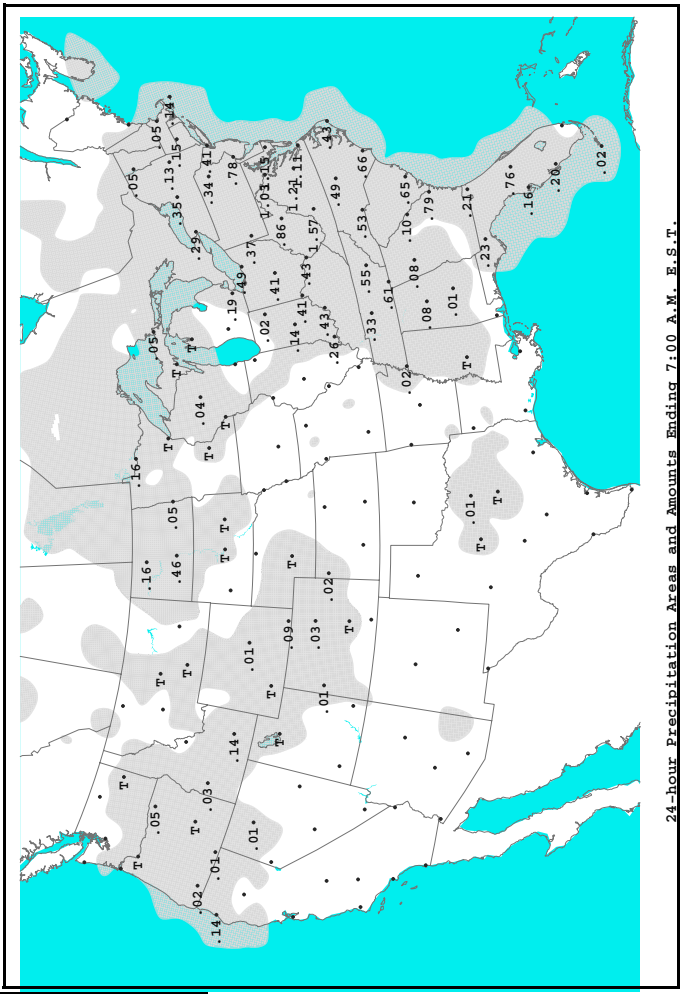
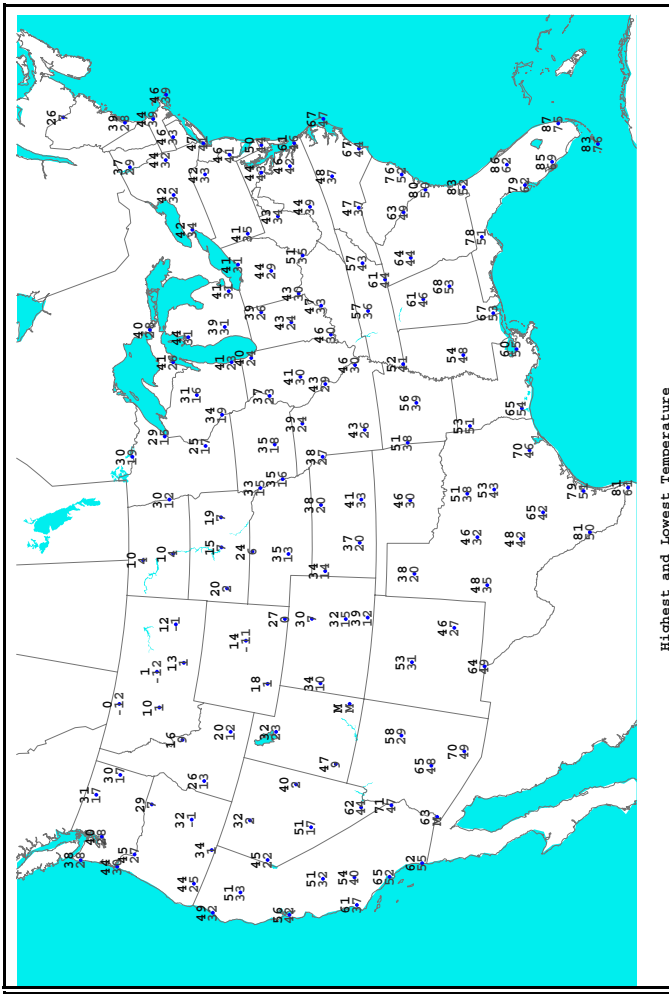
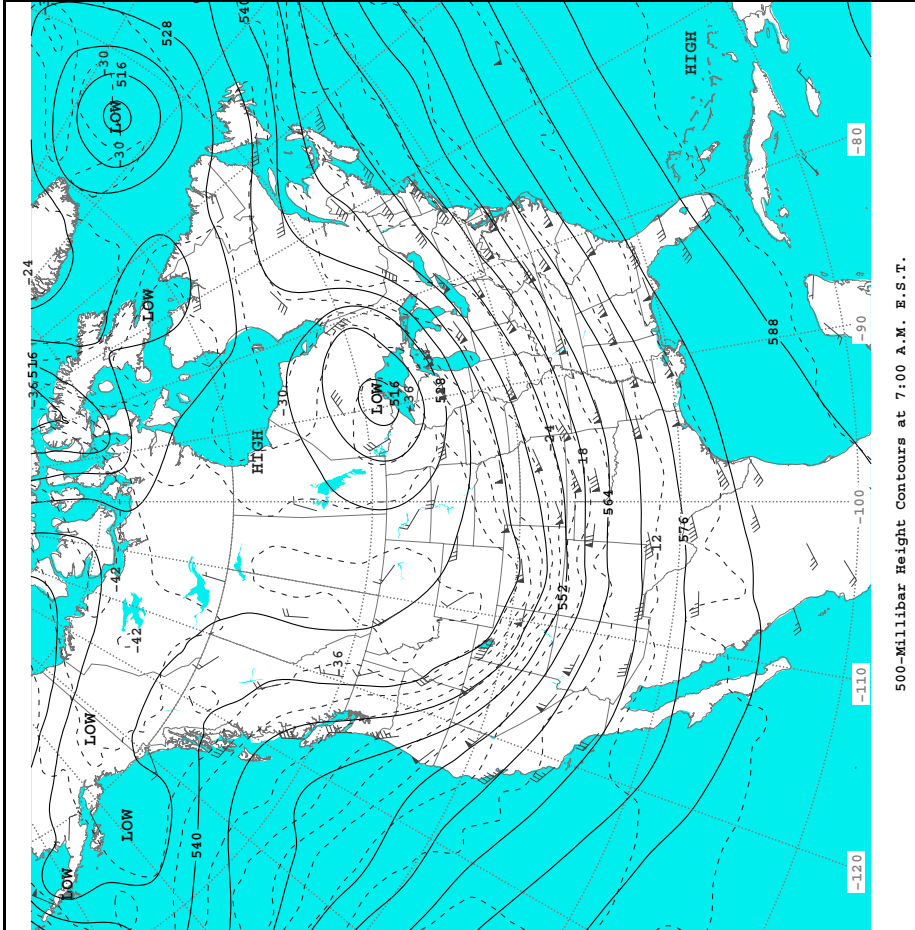
ff ———
 PPP ———
 PP a ———

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, DECEMBER 6, 2016



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



Station Model

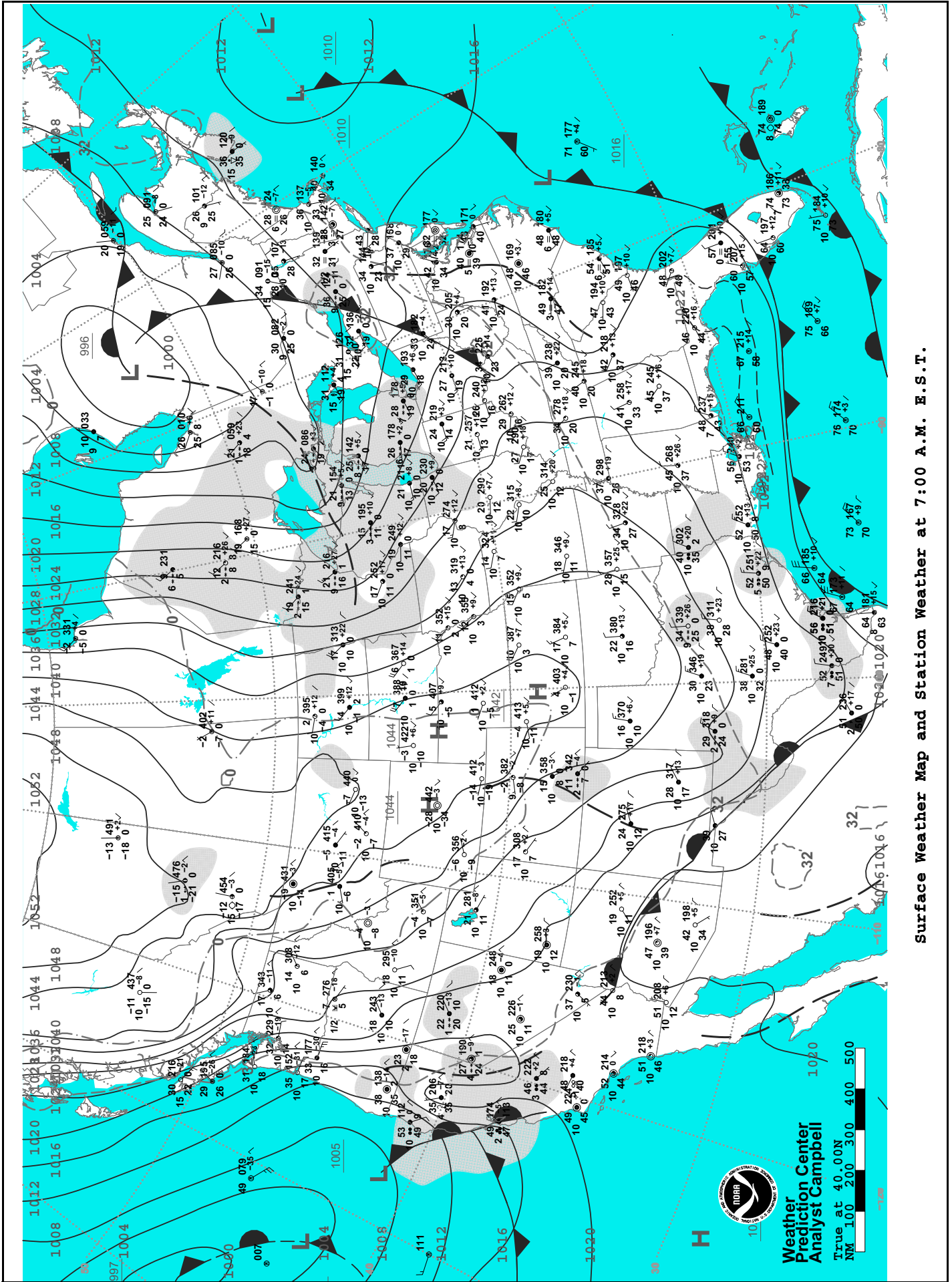
Wind Direction ——— Wind Speed
 Long Feather - 10 knots
 Short Feather - 5 knots

Current Temperature (in °F) ——— dd ——— ff
 Visibility (in miles) ——— TT ——— PPP
 Present Weather Symbol ——— V WW ——— PP a
 Dew Point Temperature ——— TD ——— RR ——— Sky_Cover

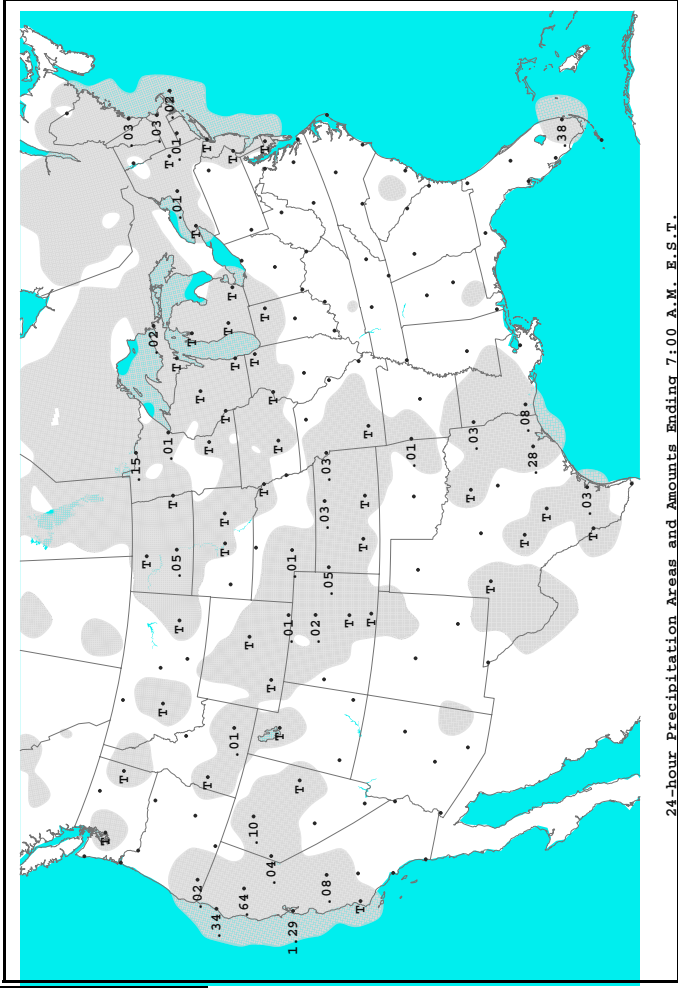
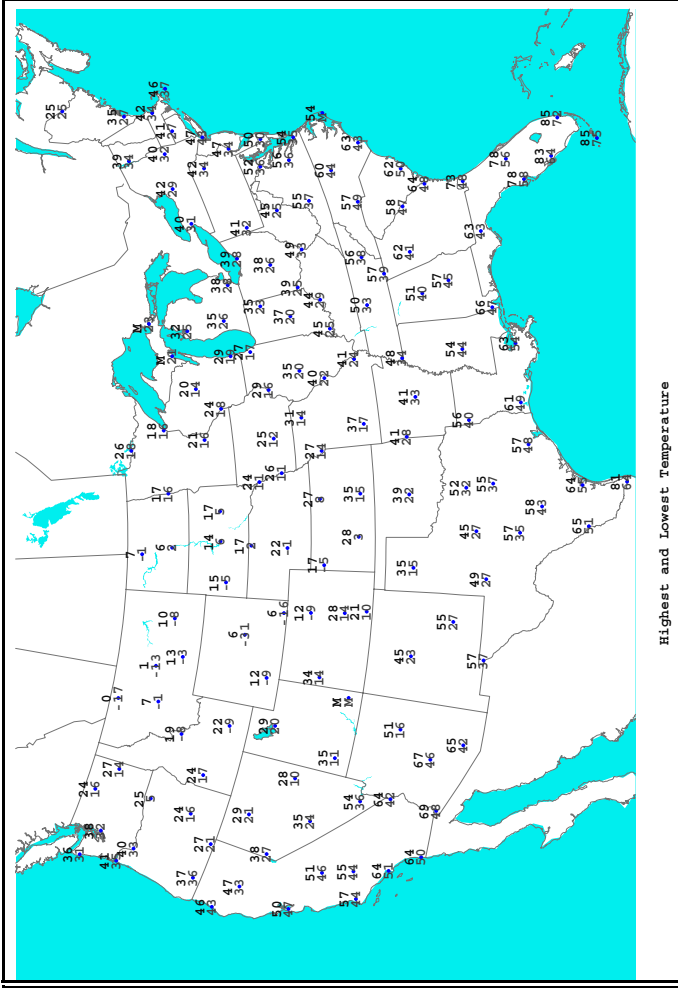
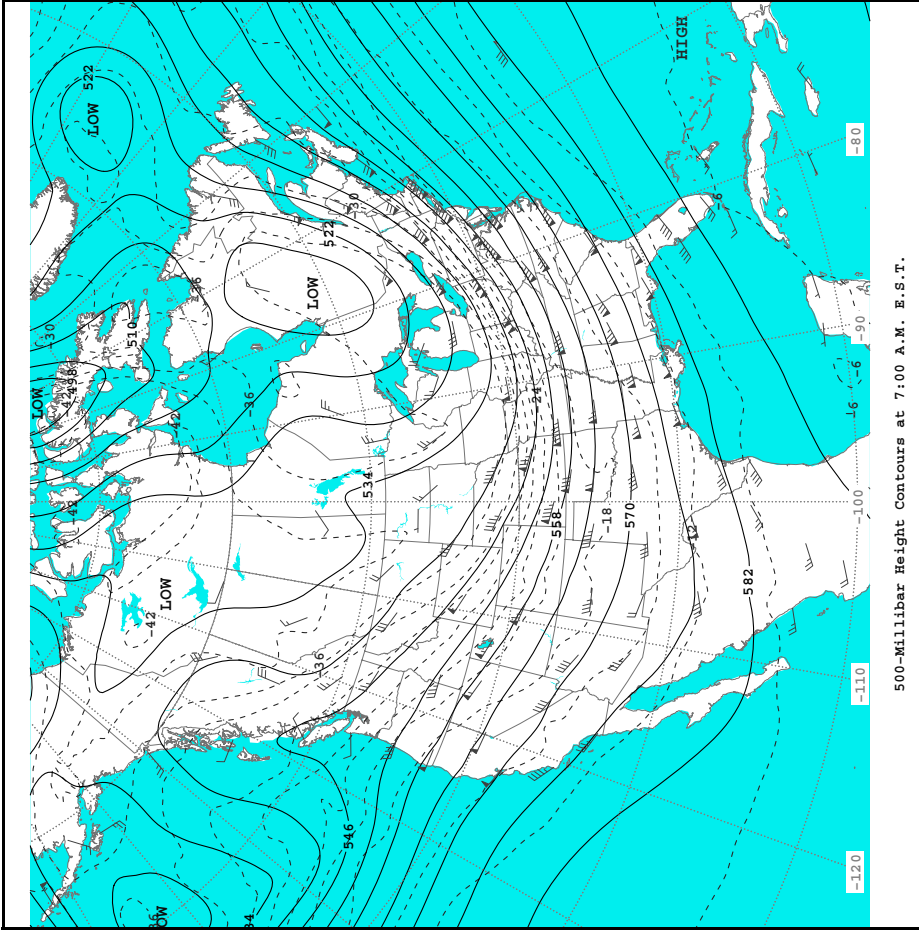
3-Digit Surface Pressure (in tenths). Ex:
 989 = 998.9mb,
 012 = 1001.2mb

3 Hour Pressure Tendency (in tenths)
 6 Hour Total Precipitation (in hundredths of an inch)

WEDNESDAY, DECEMBER 7, 2016



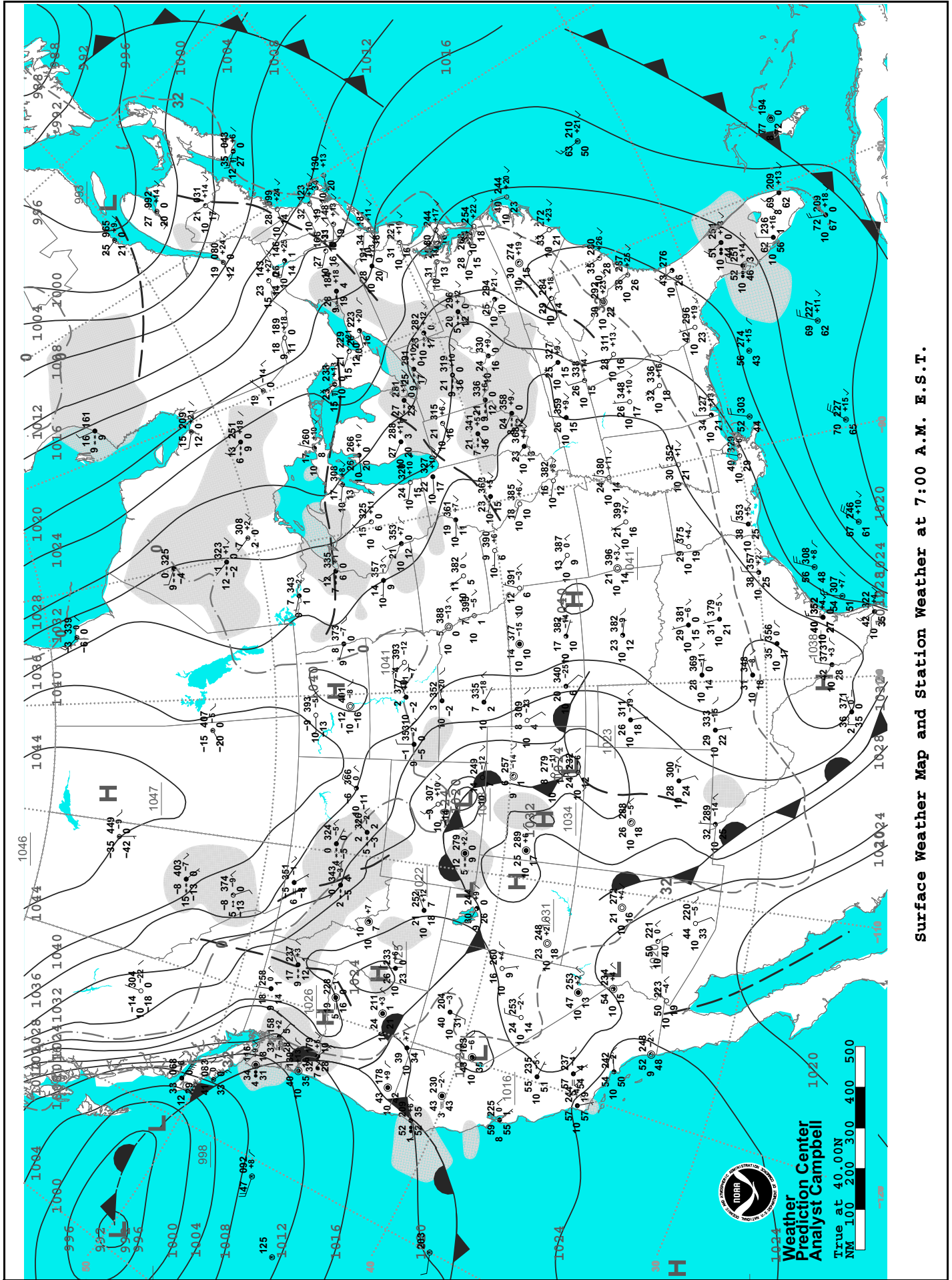
Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.



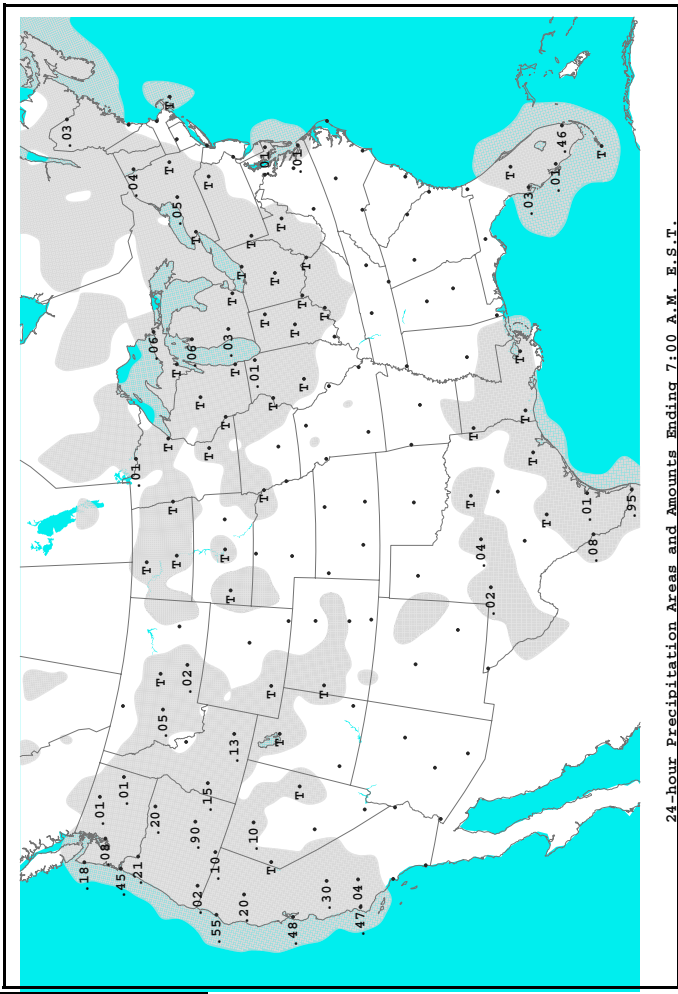
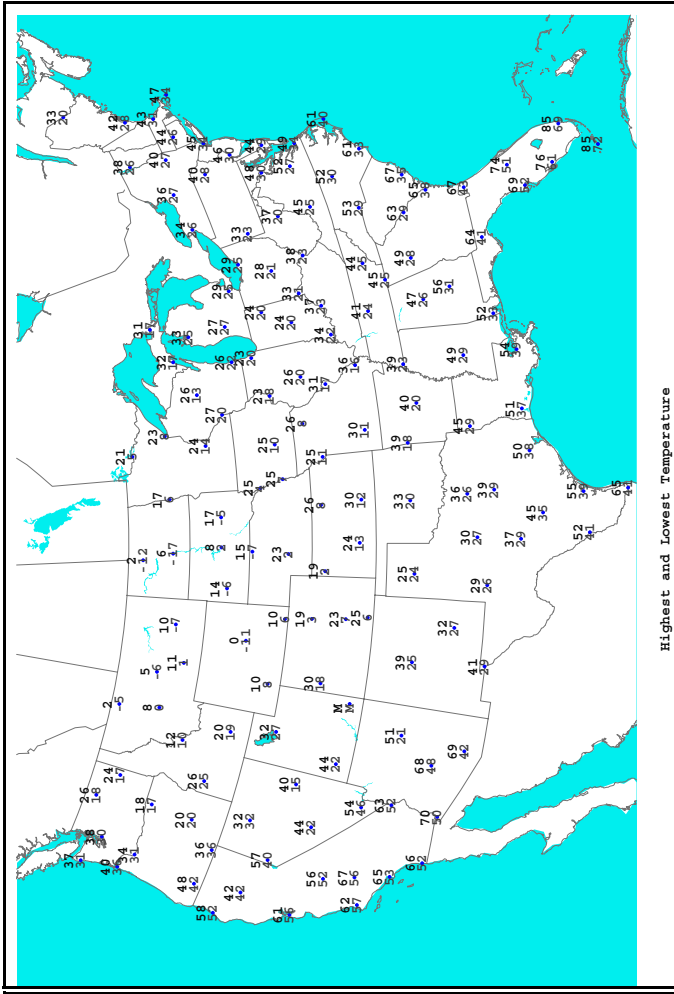
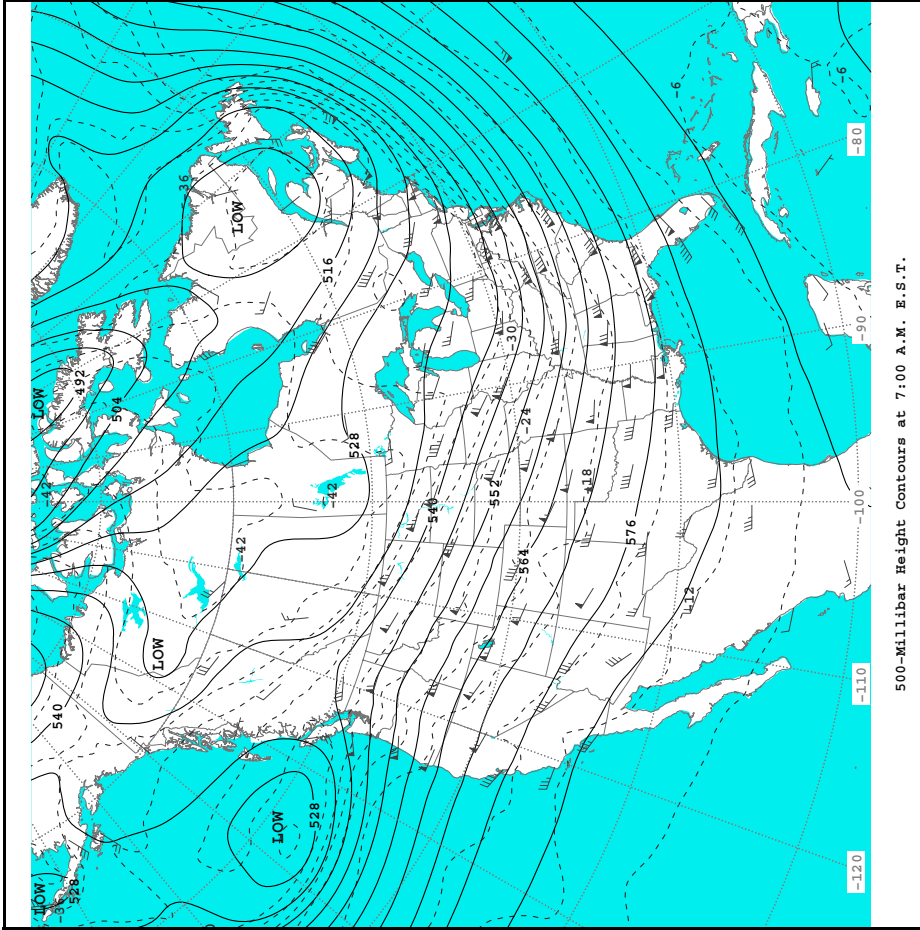
Wind Direction	dd	ff	Wind Speed	Long Feather - 10 knots
Current Temperature (in °F)	TT	PPP	Short Feather - 5 knots	
Visibility (in miles)	V	PP a	3-Digit Surface Pressure (in tenths). Ex: 989 = 998.9mb, 012 = 1001.2mb	
Present Weather Symbol	TD	RR	3 Hour Pressure Tendency (in tenths)	
Dew Point Temperature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

Station Model

THURSDAY, DECEMBER 8, 2016



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)

Wind Speed: **FF**

Current Temperature (in °F): **dd**

Wind Feather: **FF**

Visibility (in miles): **TT**

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

Ex: 989 = 998.9mb, 012 = 1001.2mb

Present Weather Symbol: **V**

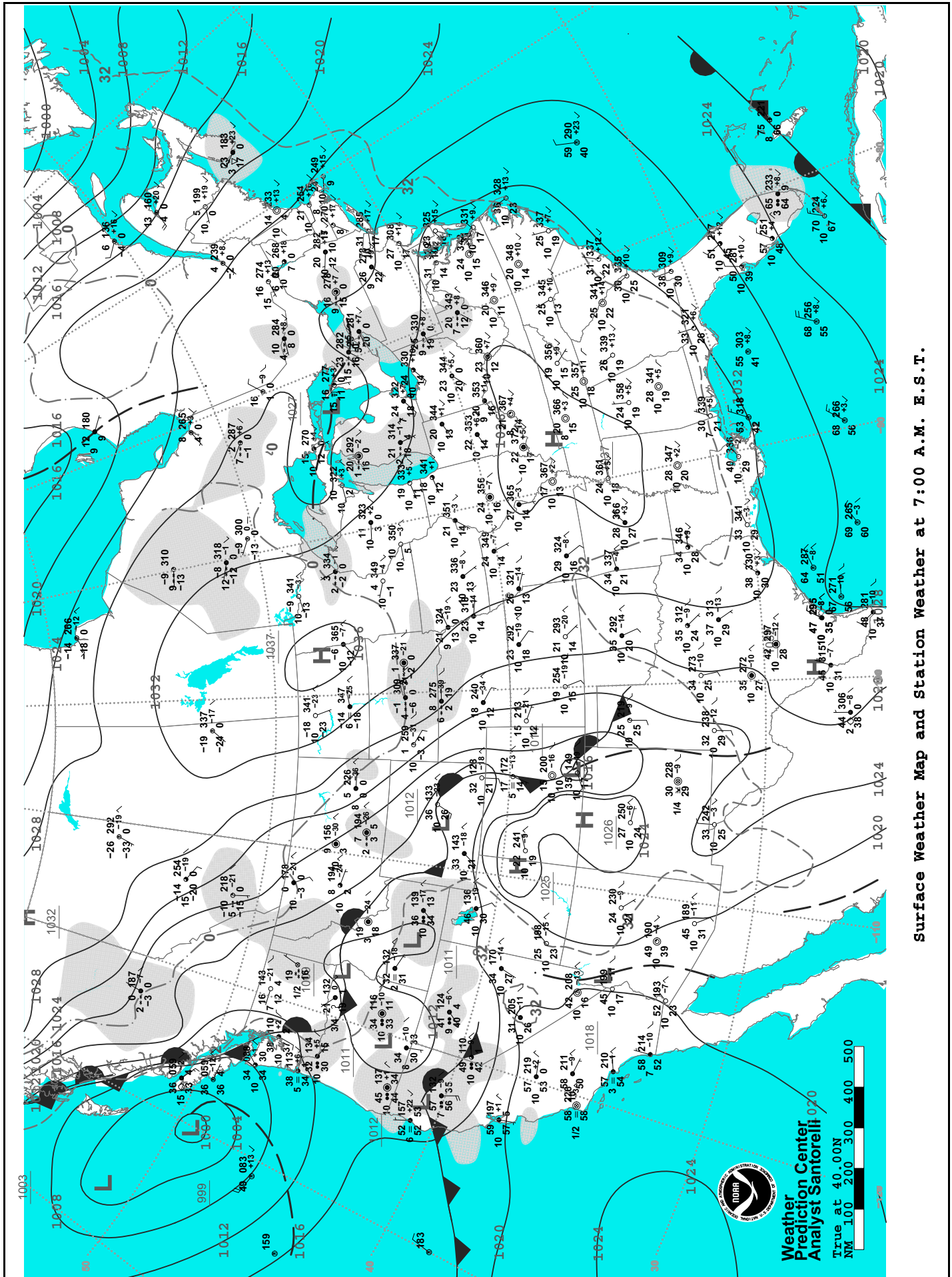
3 Hour Pressure Tendency (in tenths): **PP a**

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

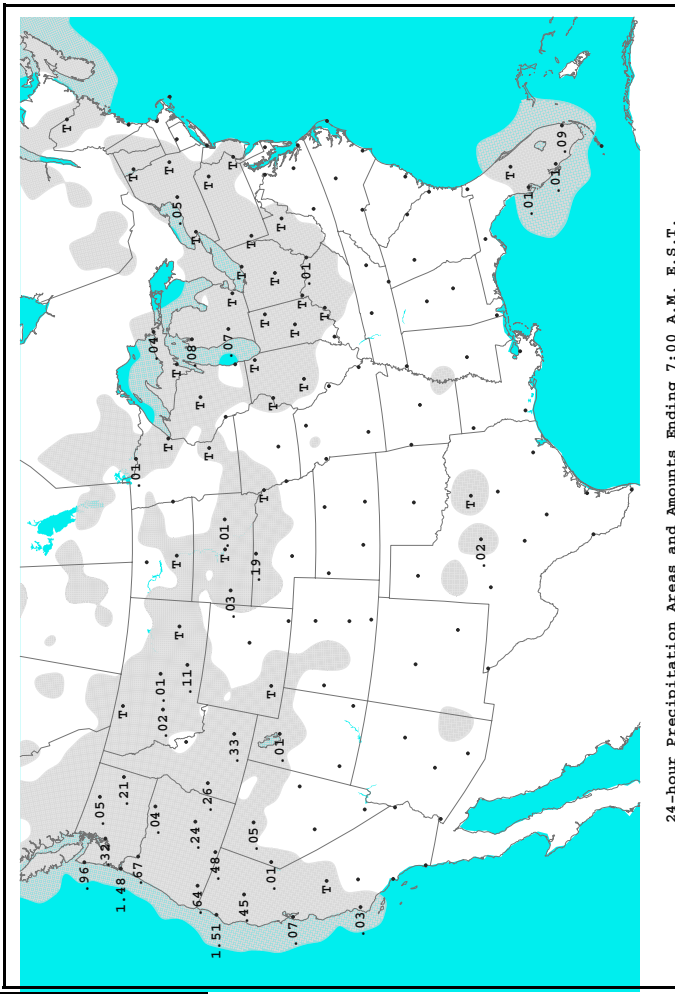
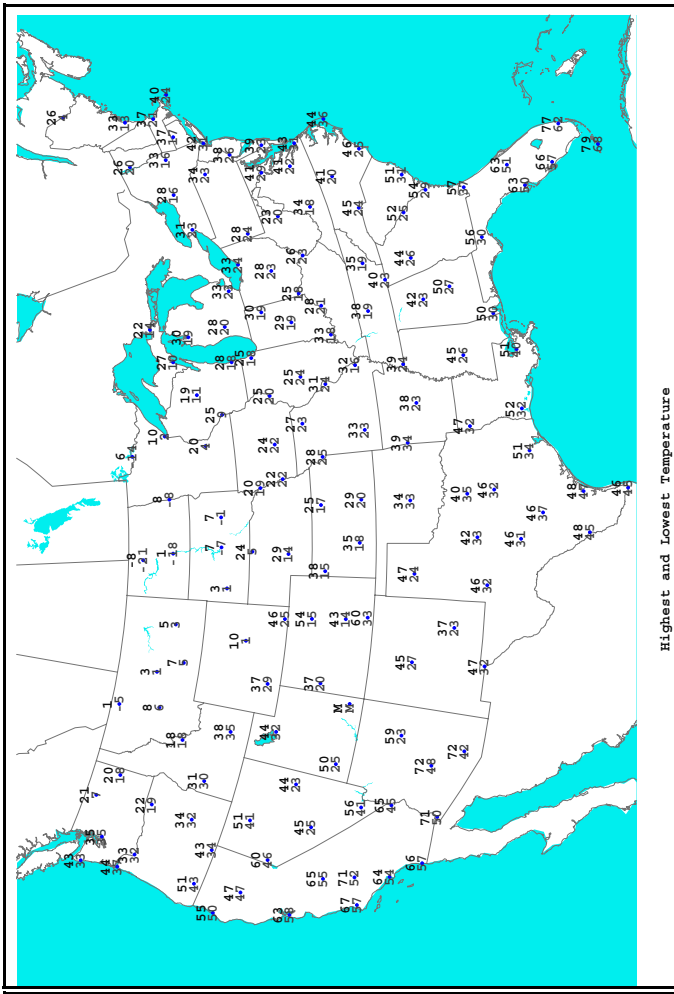
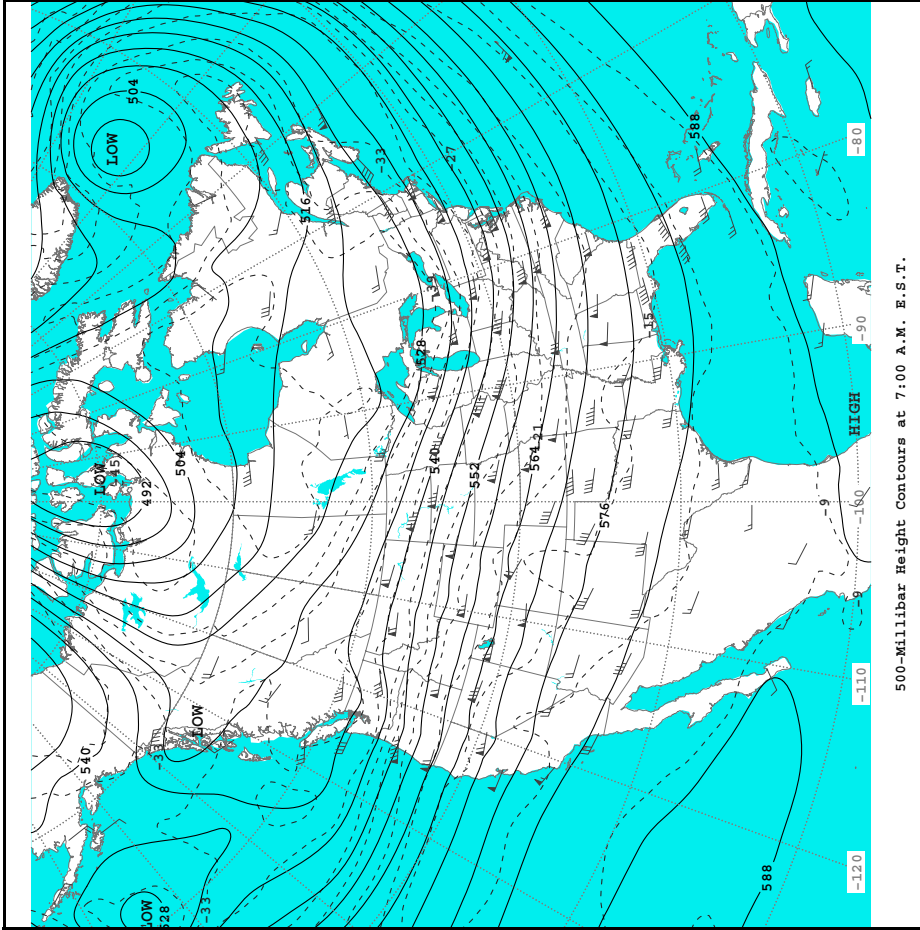
Dew Point Temperature: **TT**

Sky Cover: **RR**

FRIDAY, DECEMBER 9, 2016



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

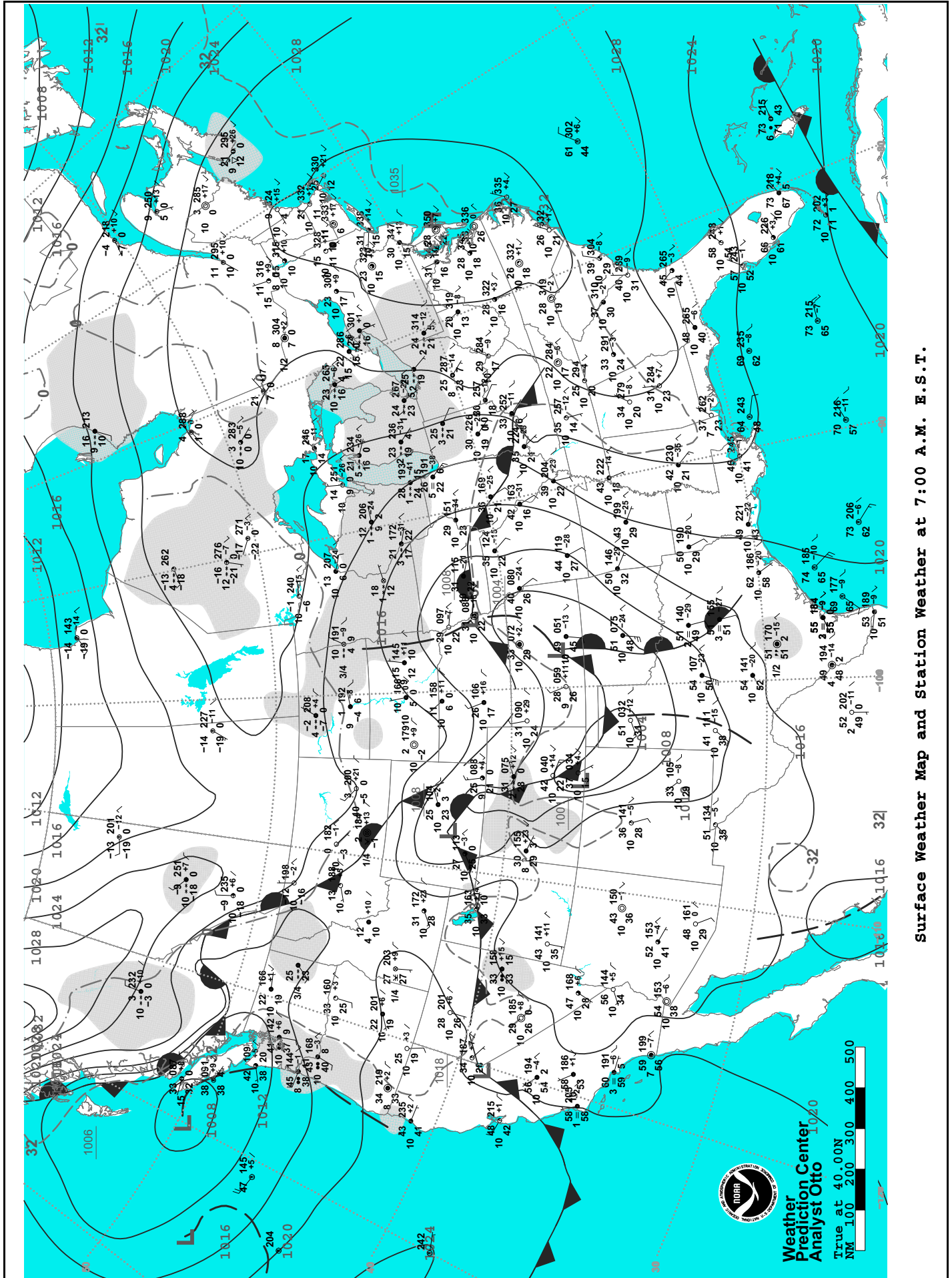


Station Model

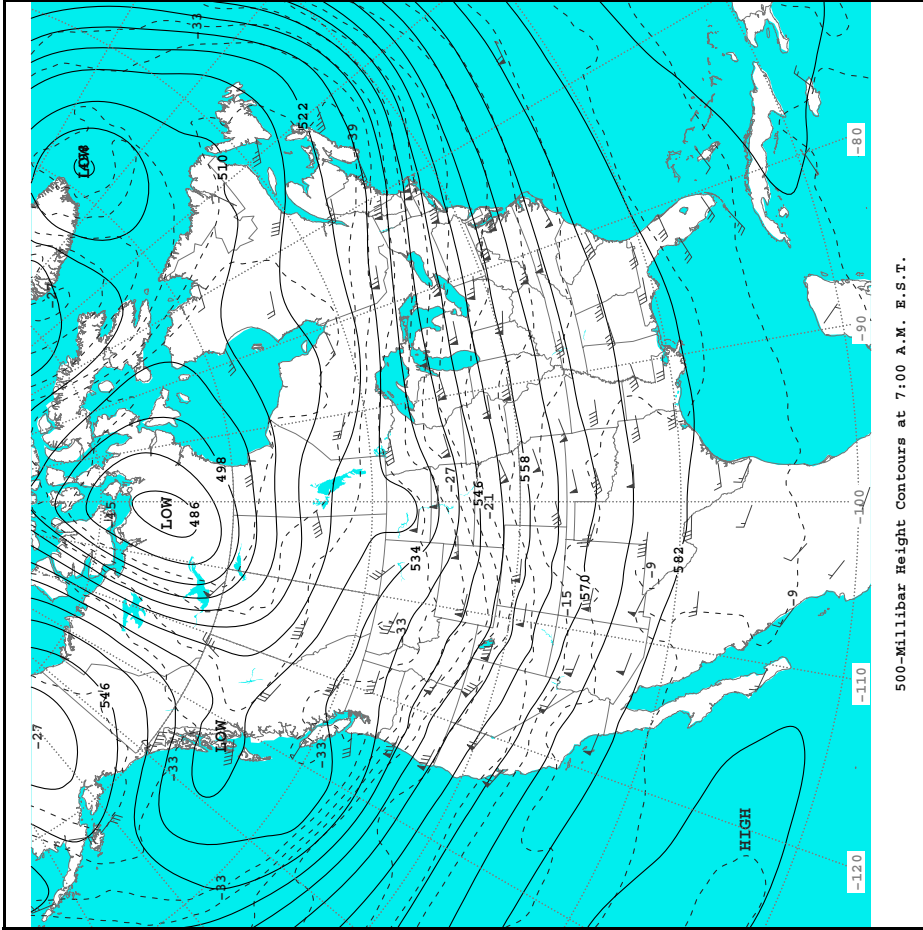
The diagram illustrates the components of a station model:

- Wind Direction:** Indicated by the number of degrees (e.g., 090 for east).
- Wind Speed:** Indicated by the length of the wind feather (Long Feather = 10 knots, Short Feather = 5 knots).
- Current Temperature (in °F):** Indicated by the number in the upper left quadrant (e.g., 50).
- Visibility (in miles):** Indicated by the number in the upper right quadrant (e.g., 10).
- Present Weather Symbol:** Indicated by the symbol in the center (e.g., a circle for overcast).
- Dew Point Temperature (in °F):** Indicated by the number in the lower left quadrant (e.g., 40).
- 3-Digit Surface Pressure (in tenths):** Indicated by the number in the lower right quadrant (e.g., 998).
- 3 Hour Pressure Tendency (in tenths):** Indicated by the number in the upper right quadrant (e.g., 012).
- 6 Hour Total Precipitation (in hundredths of an inch):** Indicated by the number in the lower right quadrant (e.g., 012).

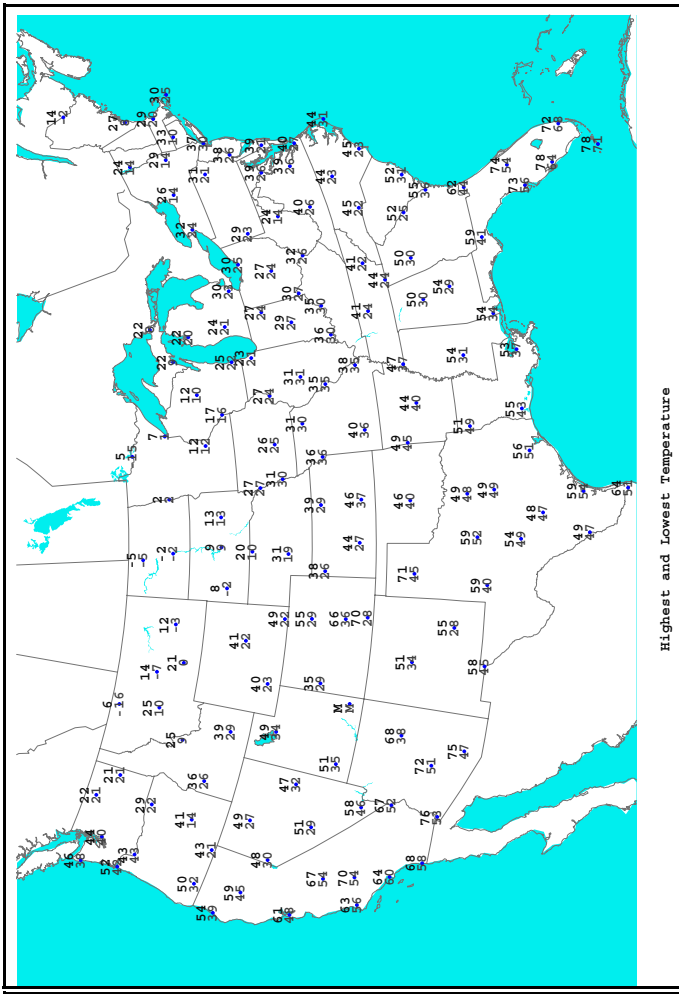
SATURDAY, DECEMBER 10, 2016



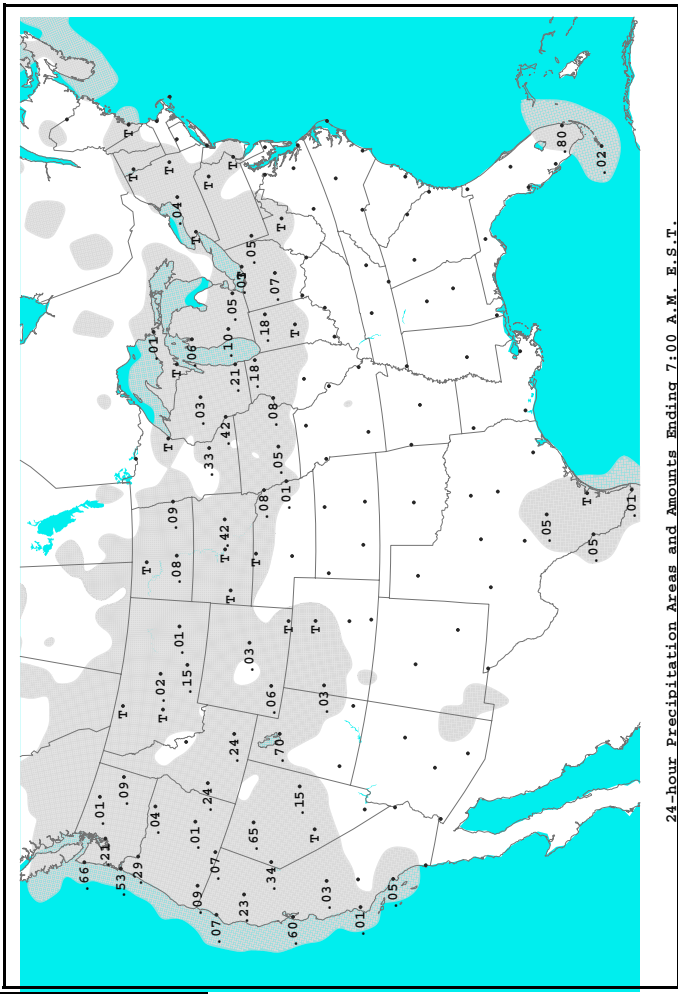
Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.



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** (Long Feather - 10 knots, Short Feather - 5 knots)

Wind Speed: **ff**

Current Temperature (in °F): **dd**

Temperature: **TT**

Visibility (in miles): **V**

Present Weather Symbol: **PP**

Dew Point Temperature: **PP a**

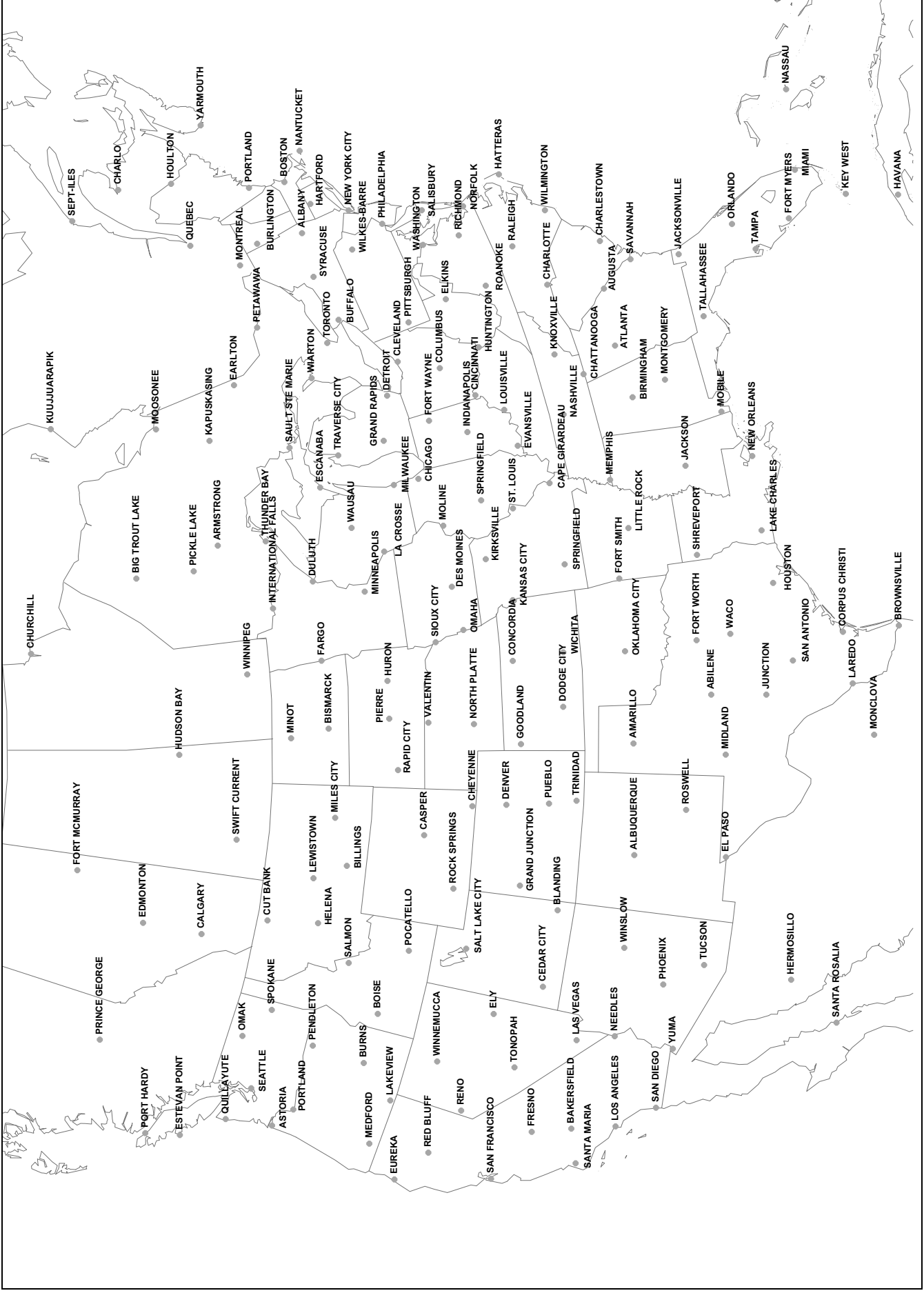
3-Digit Surface Pressure (in tenths): **PPP**

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

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

Sky Cover: **RR**

SUNDAY, DECEMBER 11, 2016



Daily Weather Map Station Names and Locations