



# Daily Weather Maps

**JANUARY 23, 2017 - JANUARY 29, 2017**

**Week 4**

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.

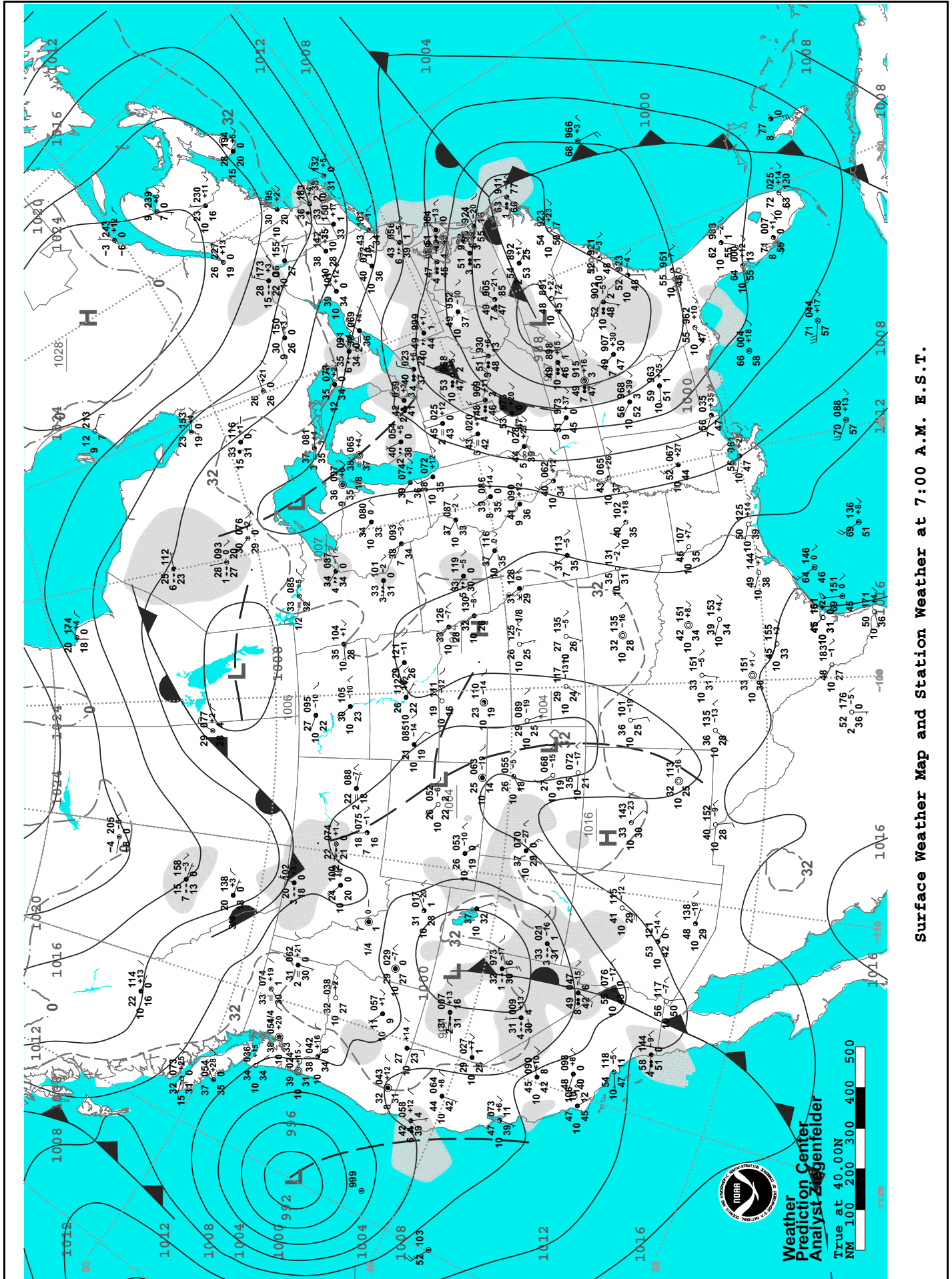
The Precipitation Areas and Amounts chart shows areas (shaded) that had precipitation during the 24 hours ending at 7:00 a.m. EST, with amounts to the nearest hundredth of an inch. "T" indicates a trace of precipitation.

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.

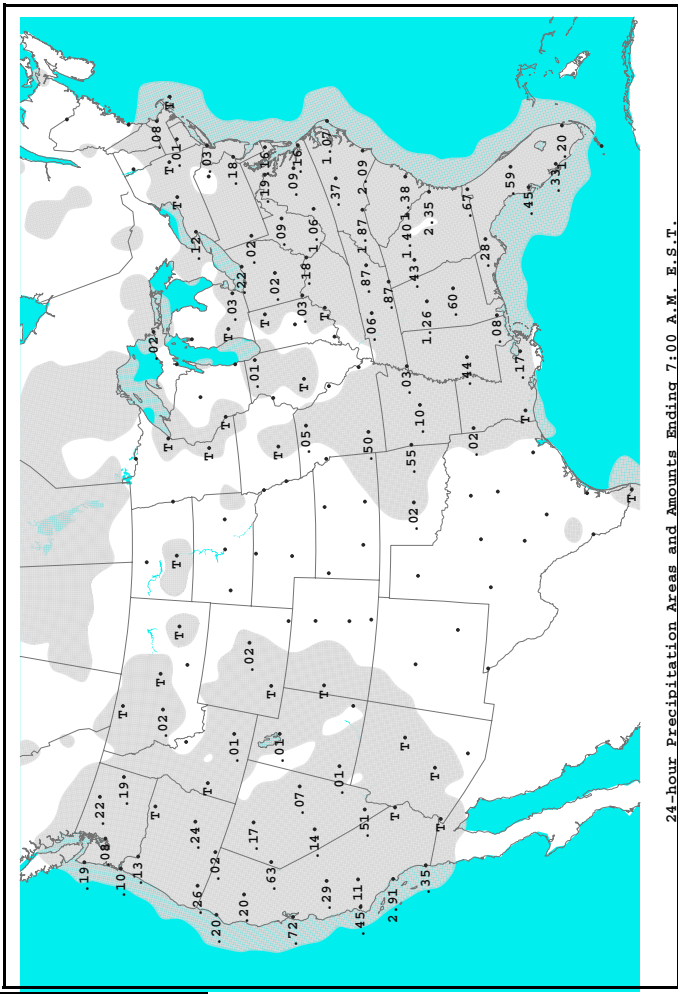
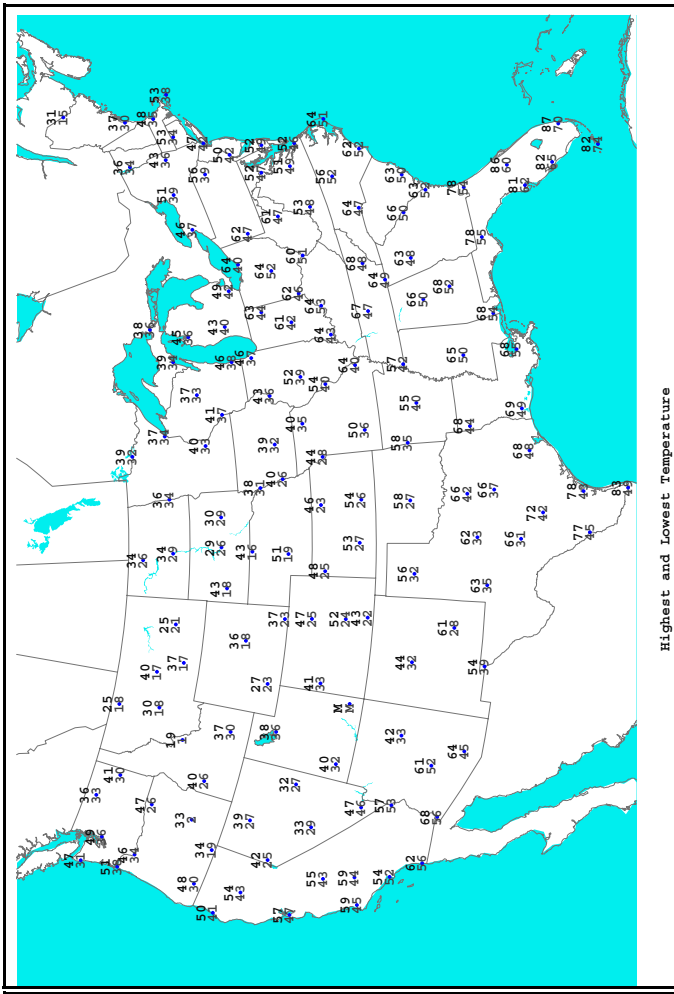
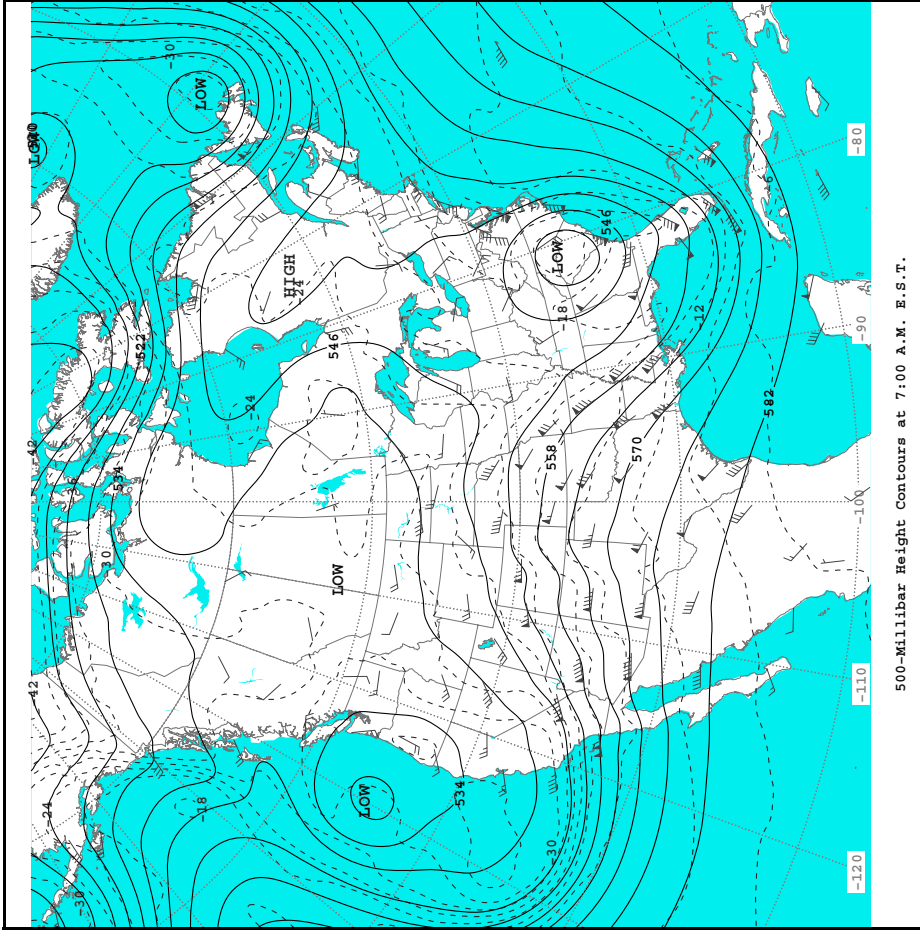
Correspondence to the meteorologists should be directed to: *Daily Weather Map*, NOAA/National Weather Service, Room 4640, 5830 University Research Court, College Park, MD 20740.

The *Daily Weather Map* is available online at [www.wpc.ncep.noaa.gov/dwm/dwm.shtml](http://www.wpc.ncep.noaa.gov/dwm/dwm.shtml).

Current WPC products are available online at [www.wpc.ncep.noaa.gov](http://www.wpc.ncep.noaa.gov)



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

Current Temperature (in °F): **dd**

Visibility (in miles): **V**

Present Weather Symbol: **TT**

Dew Point Temperature: **PP**

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

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

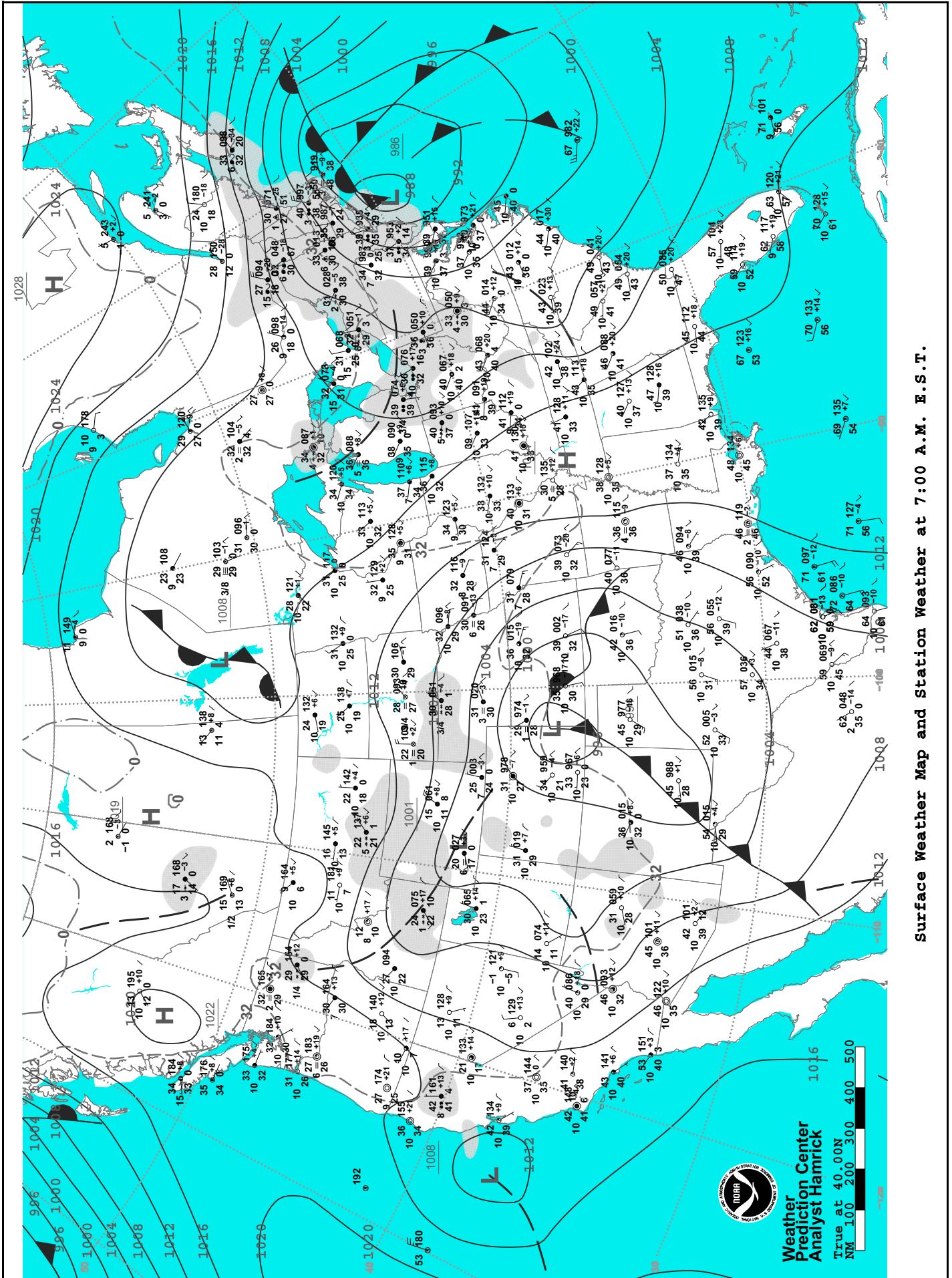
6 Hour Total Precipitation (in hundredths of an inch): **RR**

Sky Cover: **RR**

Examples: 989 = 998.9mb, 012 = 1001.2mb

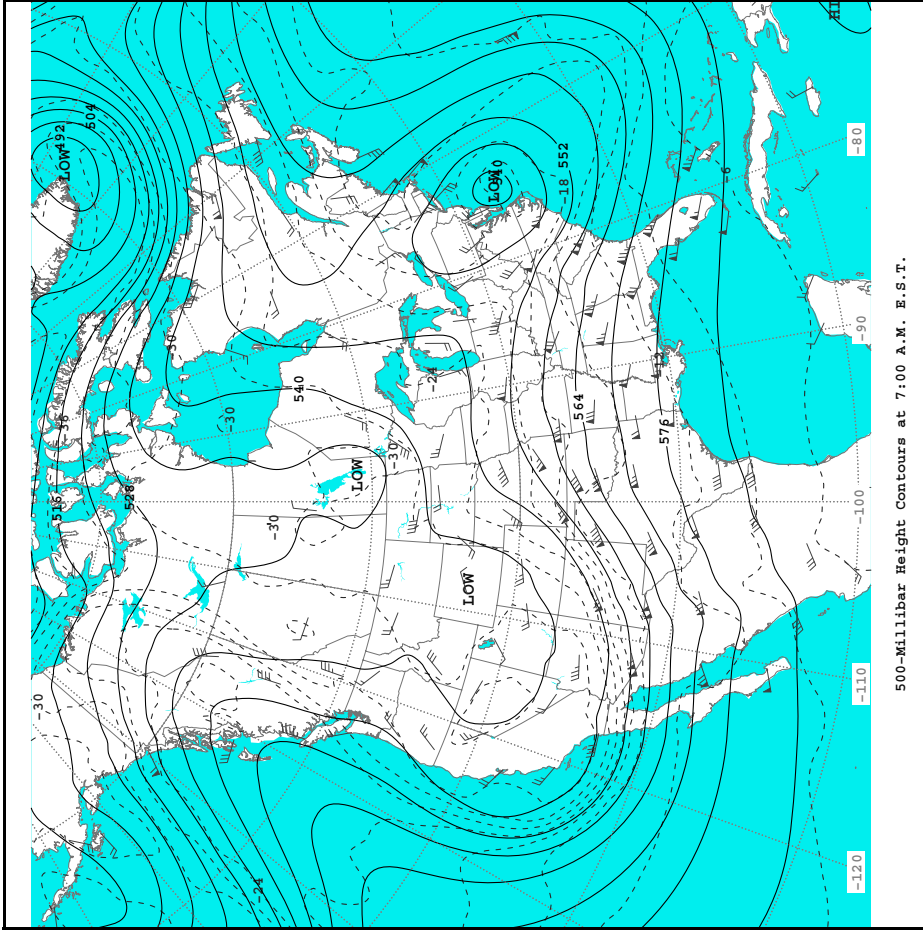
# MONDAY, JANUARY 23, 2017



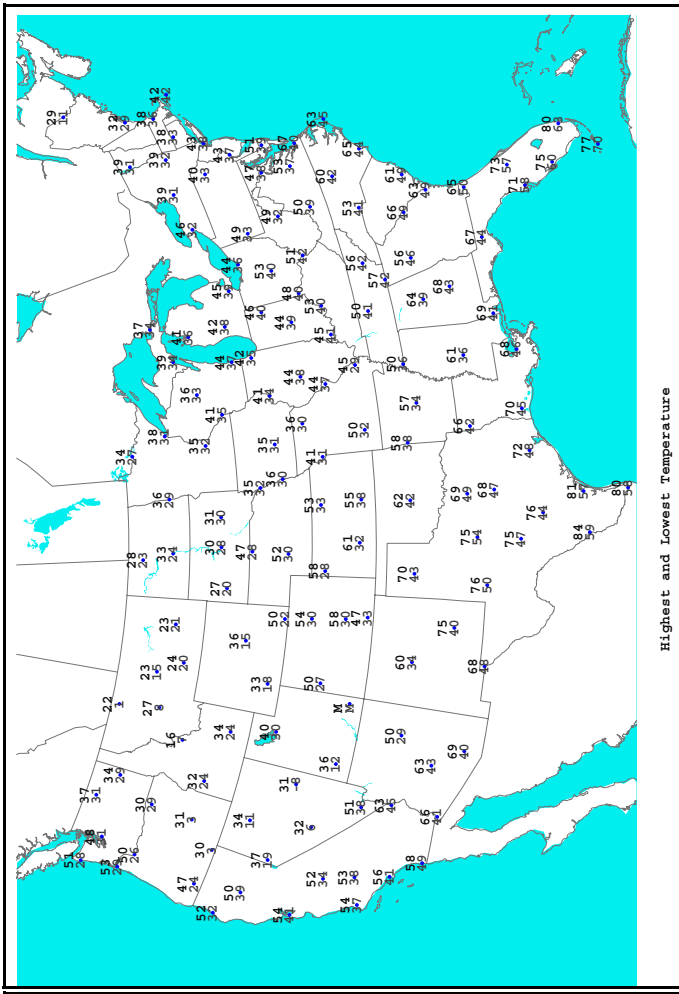


Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.

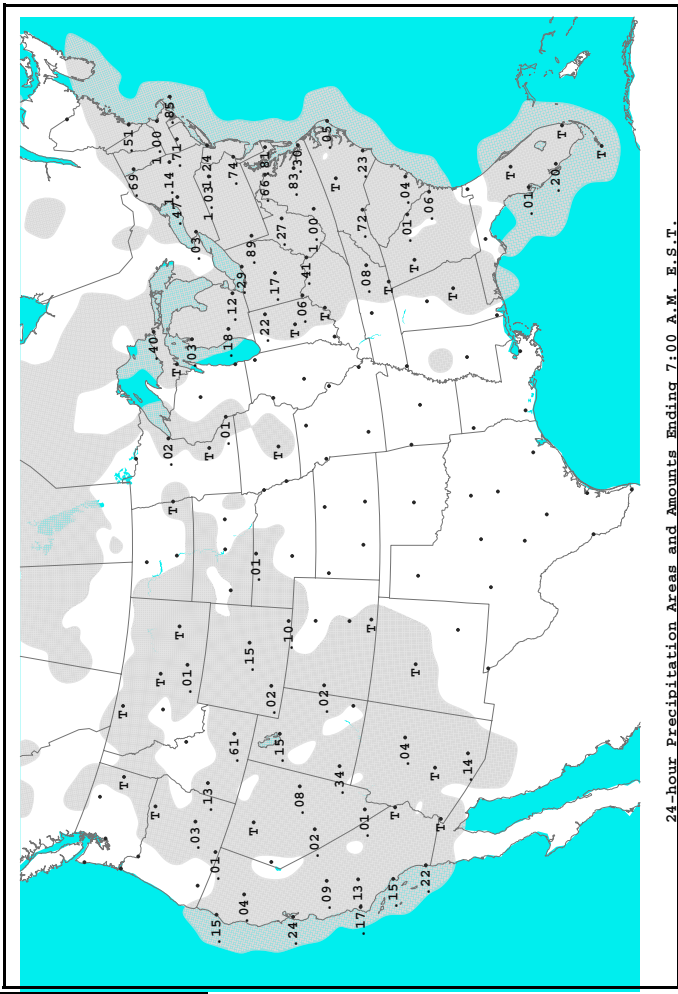




500-millibar Height Contours at 7:00 A.M. E.S.T.



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) ———— **dd** ———— Long Feather - 10 knots

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

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

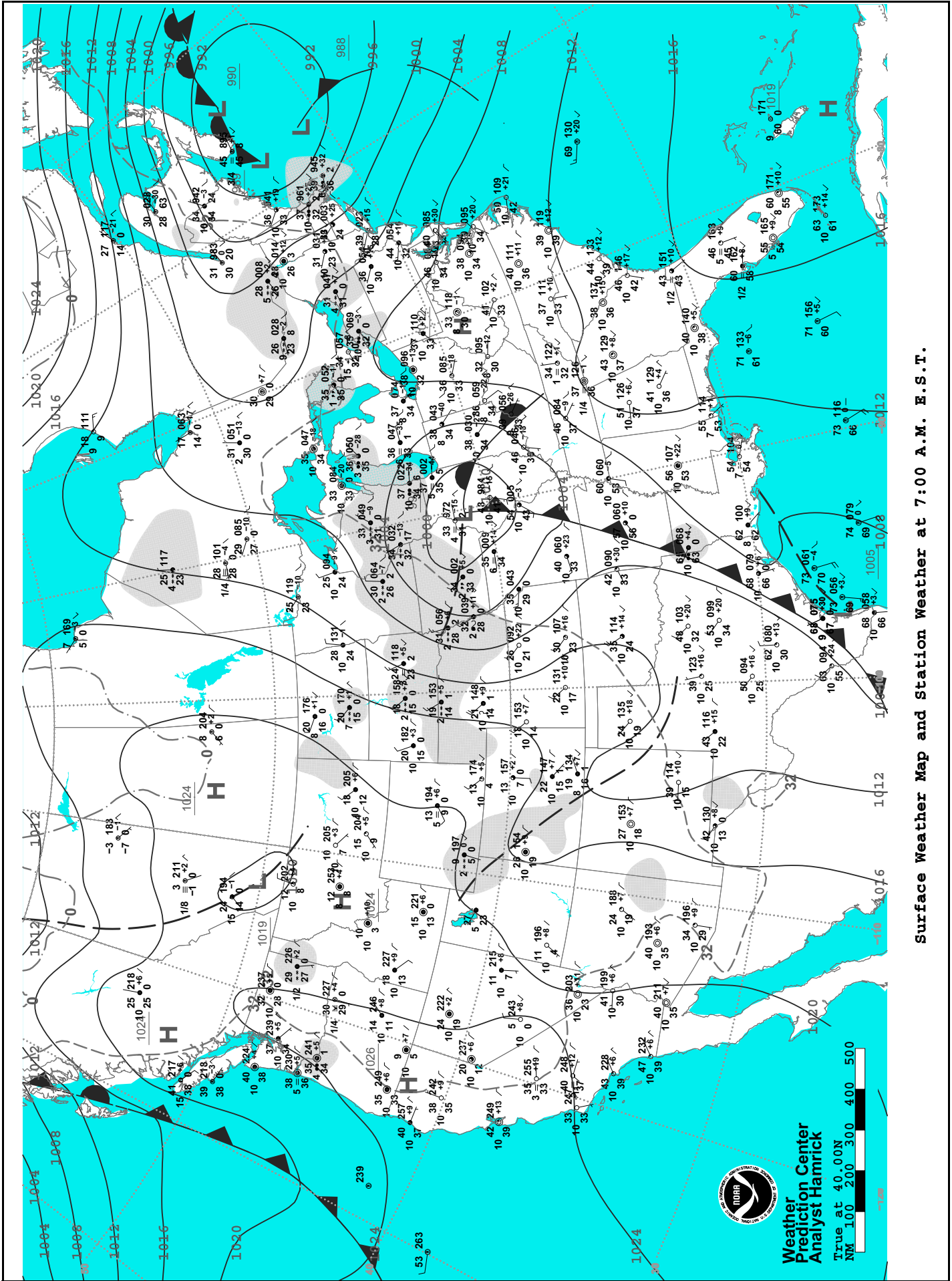
Dew Point Temperature ———— **TT** ———— 3 Hour Pressure Tendency (in tenths)

6 Hour Total Precipitation (in hundredths of an inch) ———— **PP a** ———— 6 Hour Total Precipitation (in hundredths of an inch)

————— **RR** ———— Sky Cover

**Station Model**

# TUESDAY, JANUARY 24, 2017

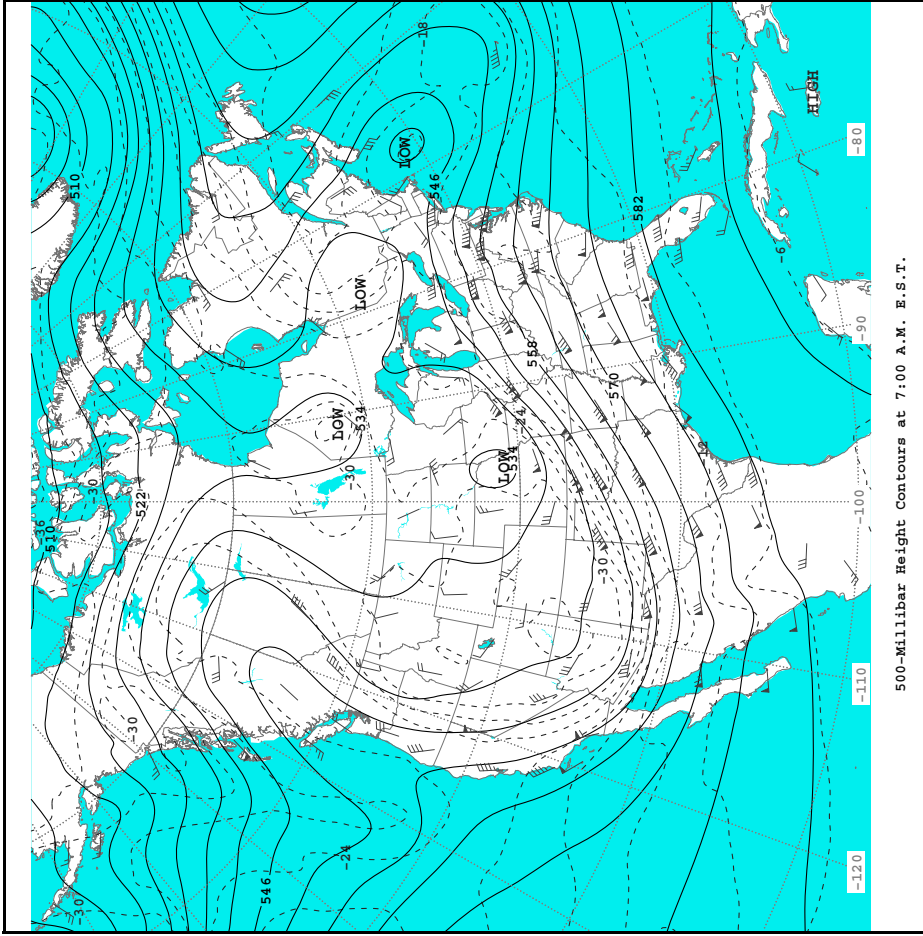


Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.

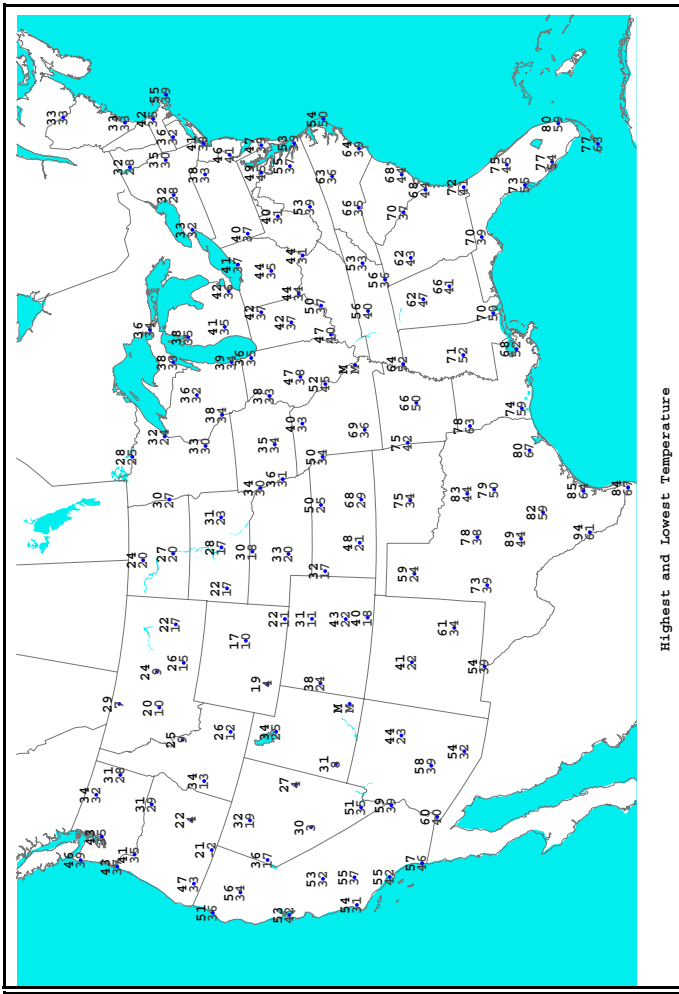


Weather Prediction Center  
Analyst Hamrick

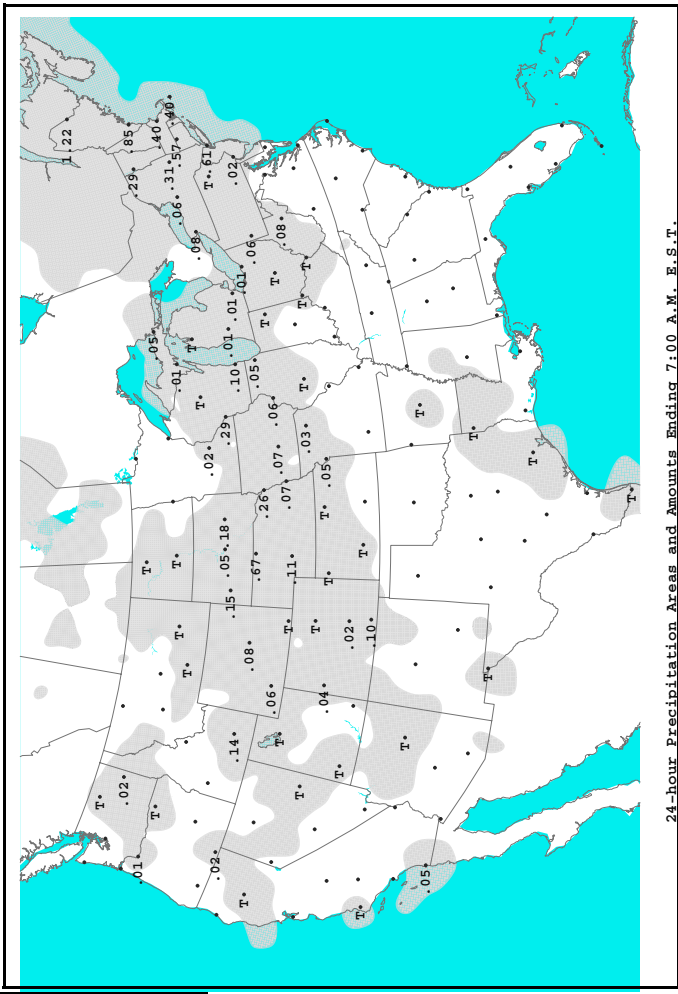
True at 40.00N  
NW 100 200 300 400 500



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 Speed  
Long Feather - 10 knots  
Short Feather - 5 knots

Wind Direction

Current Temperature (in °F) dd

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

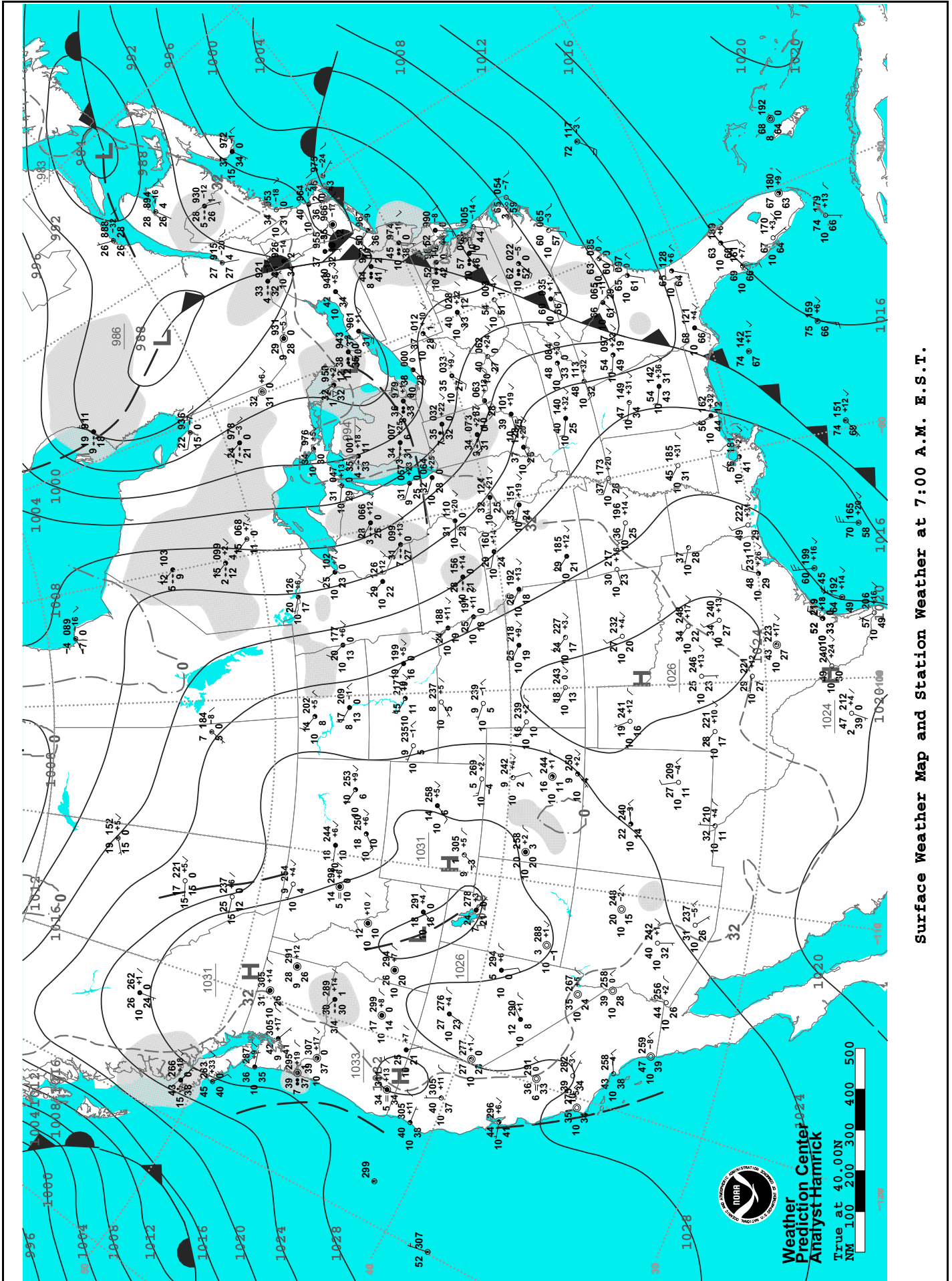
3 Hour Pressure Tendency (in tenths) PP a

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

Sky Cover

# WEDNESDAY, JANUARY 25, 2017



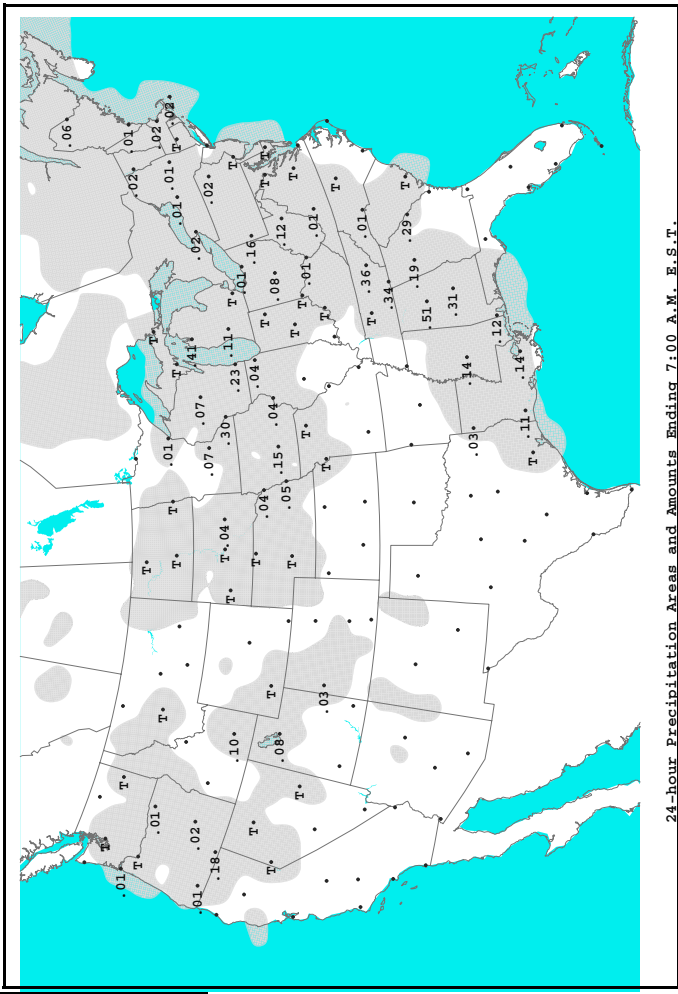
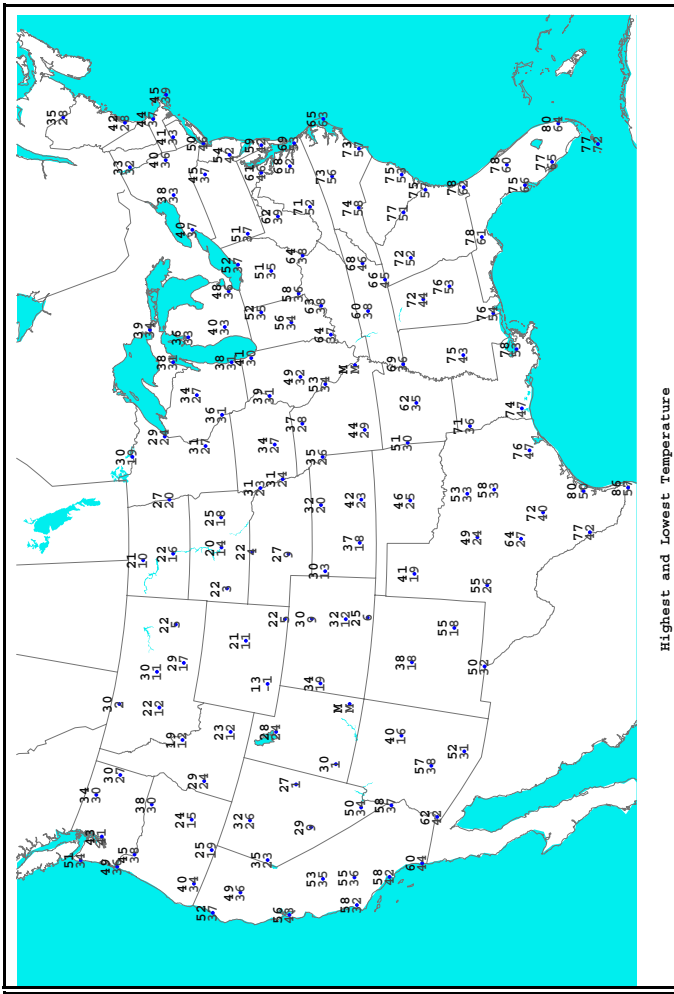
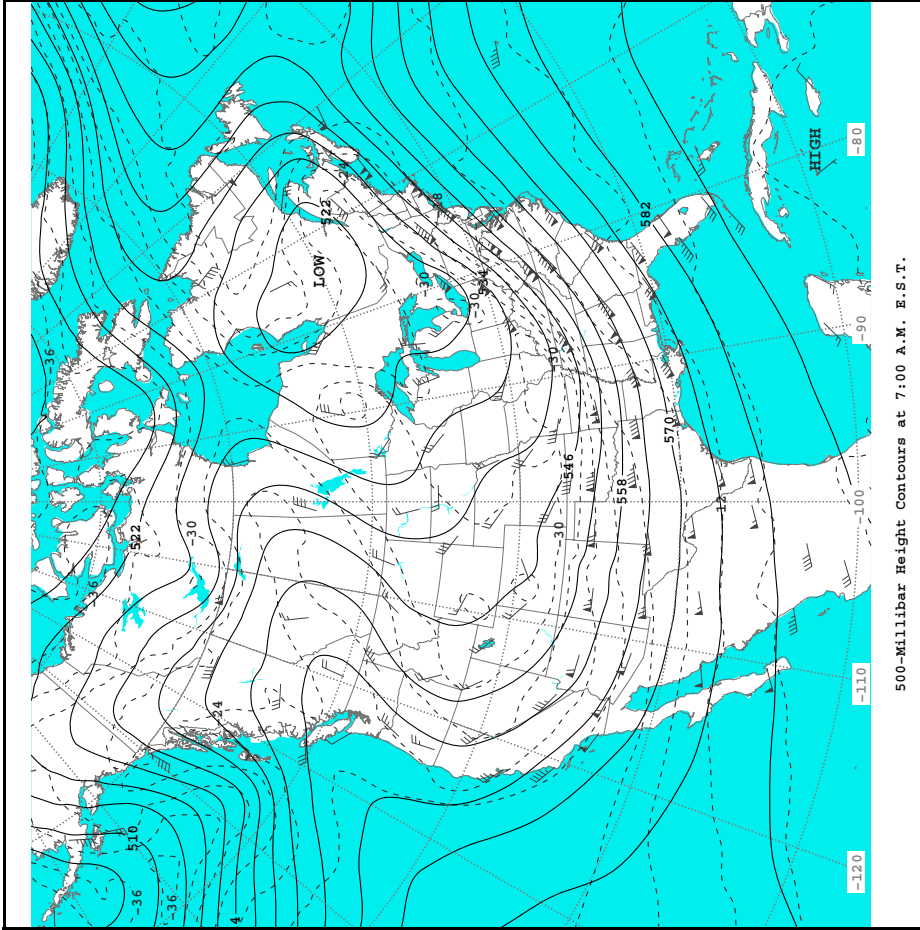


Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.



Weather Prediction Center  
Analyst Hamrick

True at 40.00N  
NW 100 200 300 400 500



**Station Model**

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

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

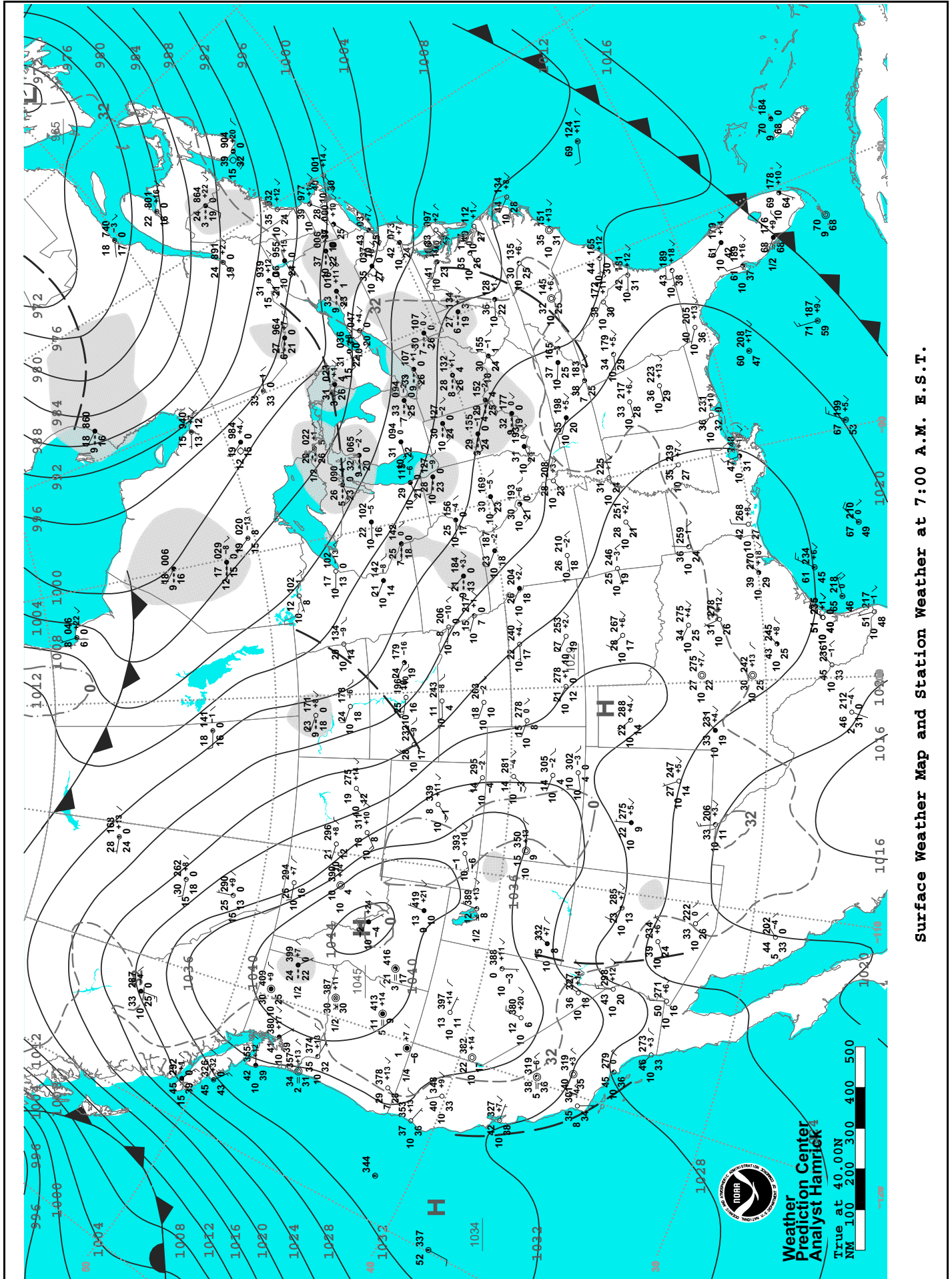
Visibility (in miles): **TT** — Present Weather Symbol: **PP**

Dew Point Temperature: **V** — 3 Hour Pressure Tendency (in tenths): **PP a**

6 Hour Total Precipitation (in hundredths of an inch): **RR** — Sky Cover: **Sk**

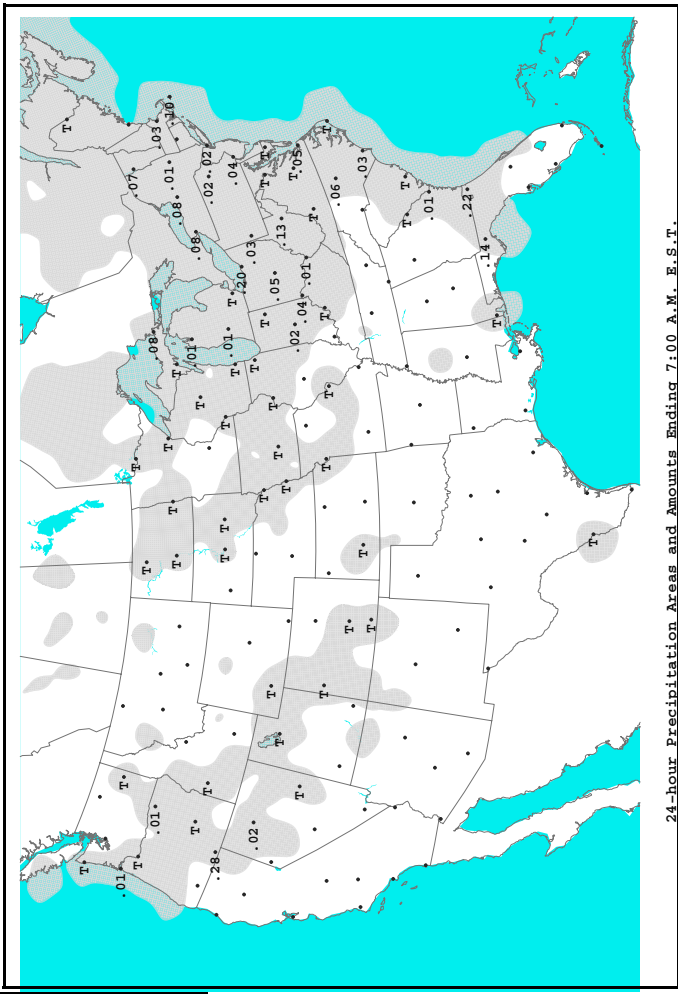
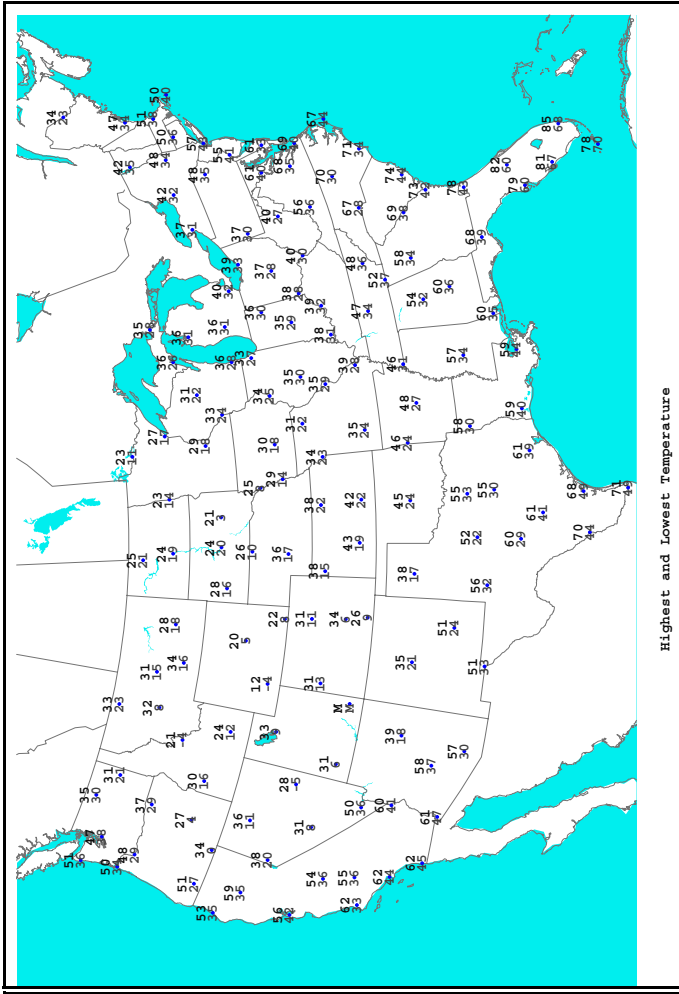
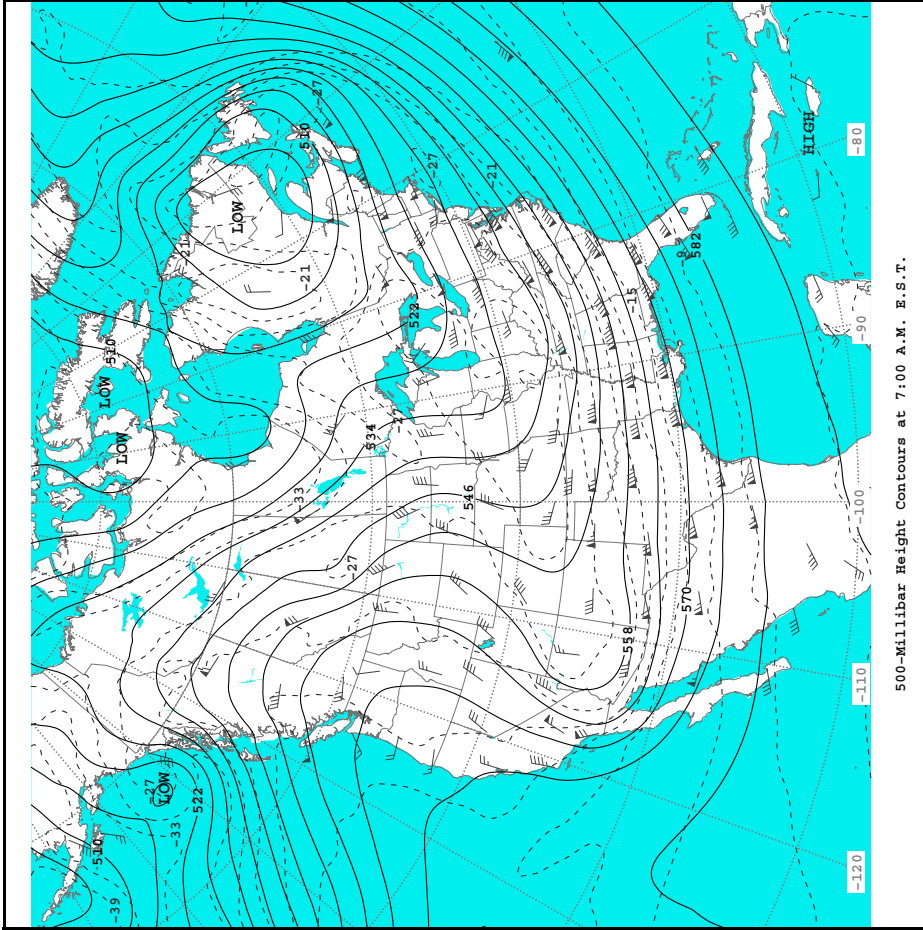
# THURSDAY, JANUARY 26, 2017





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





**Station Model**

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

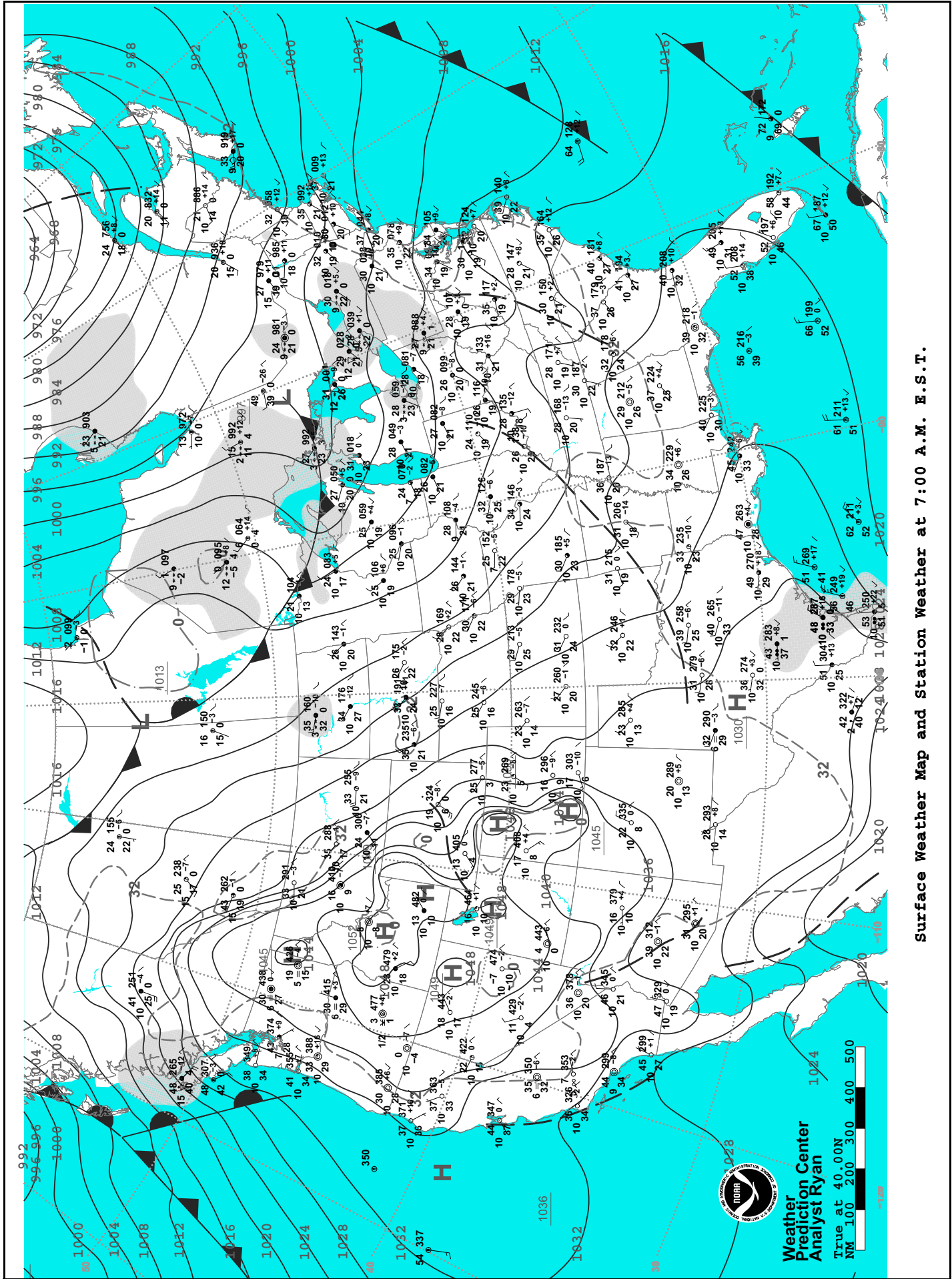
Current Temperature (in °F): **F** — 3-Digit Surface Pressure (in tenths). Ex: 989 = 998.9mb, 012 = 1001.2mb

Visibility (in miles): **TT** — Present Weather Symbol: **PPP**

Dew Point Temperature: **V** — 3 Hour Pressure Tendency (in tenths): **PP a**

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

# FRIDAY, JANUARY 27, 2017



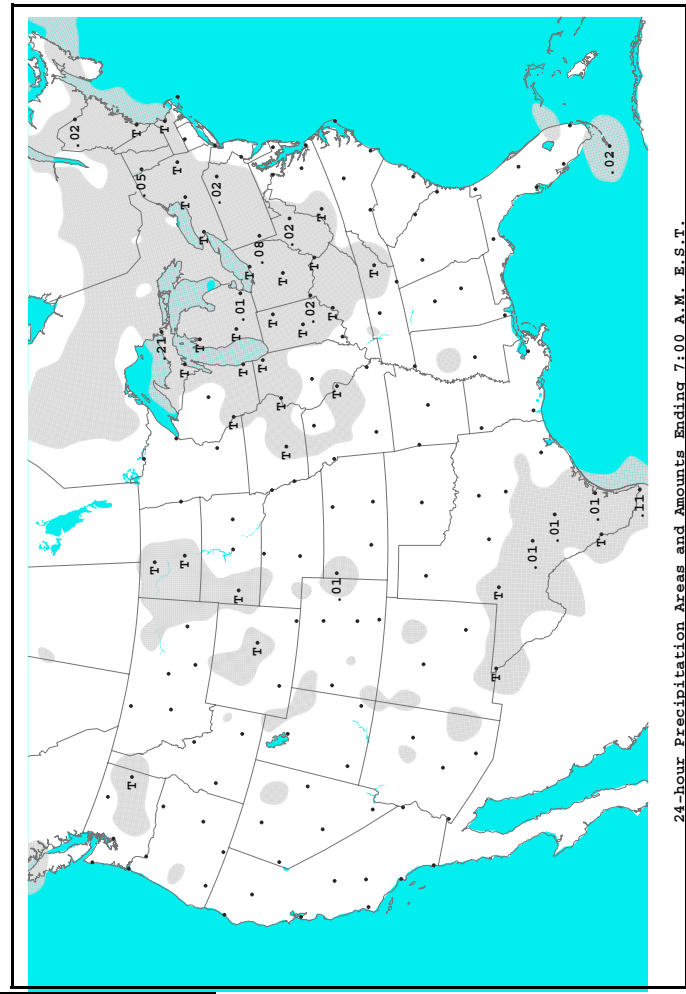
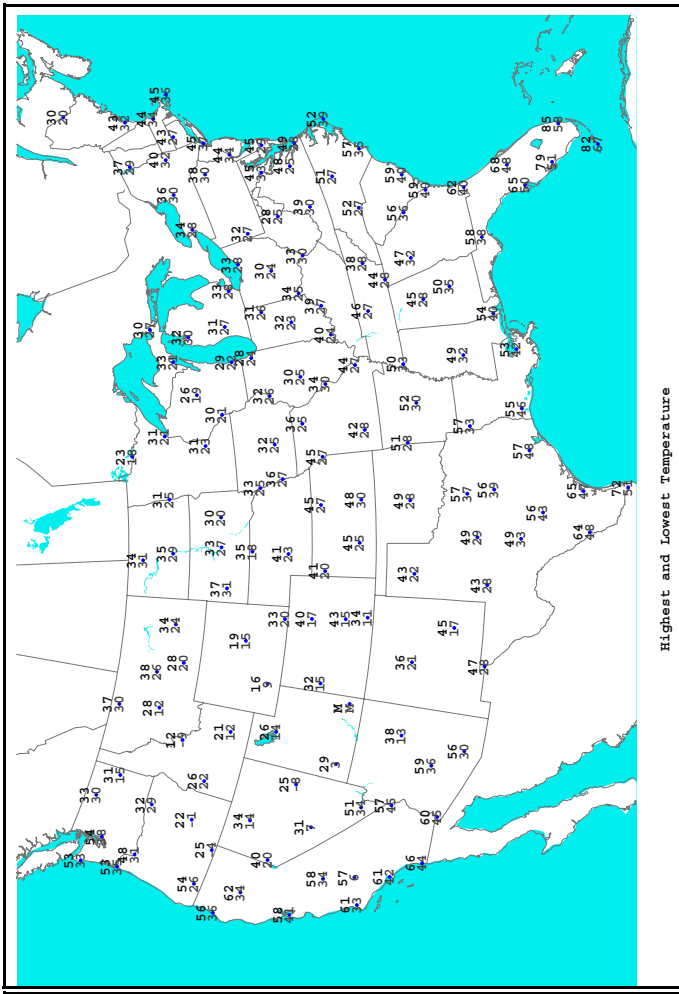
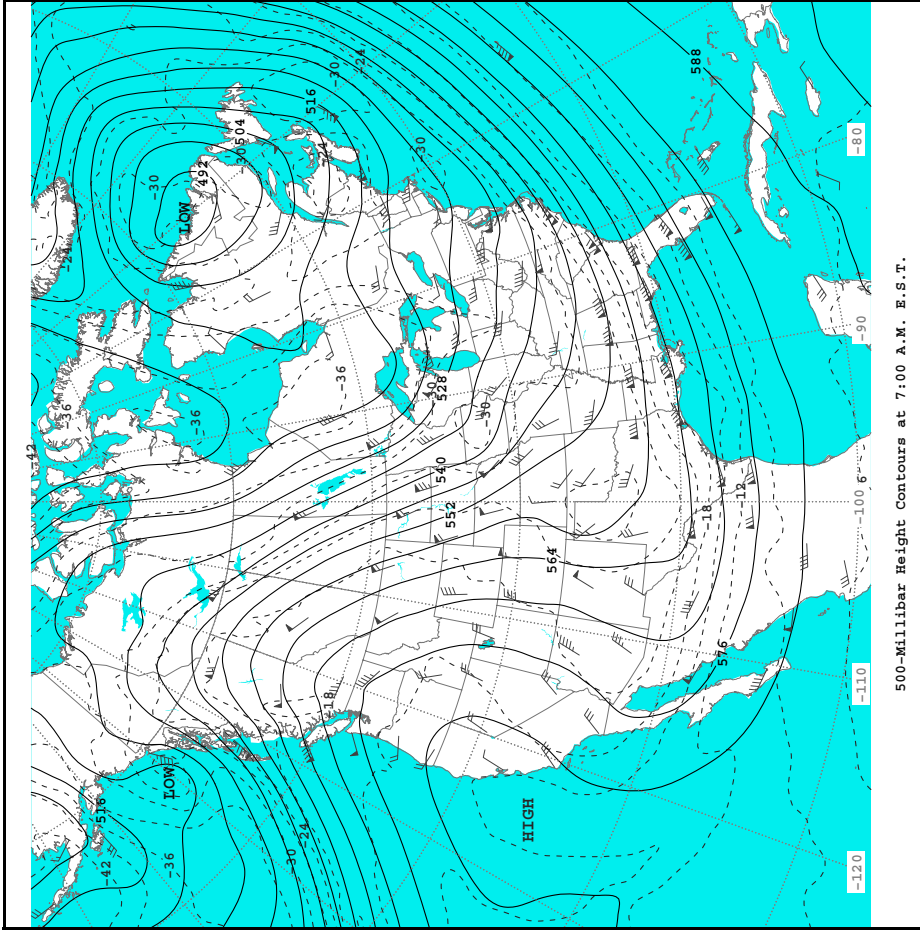
Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.



Weather Prediction Center  
Analyst Ryan

True at 40.00N  
NM 100 200 300 400 500





**Station Model**

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

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

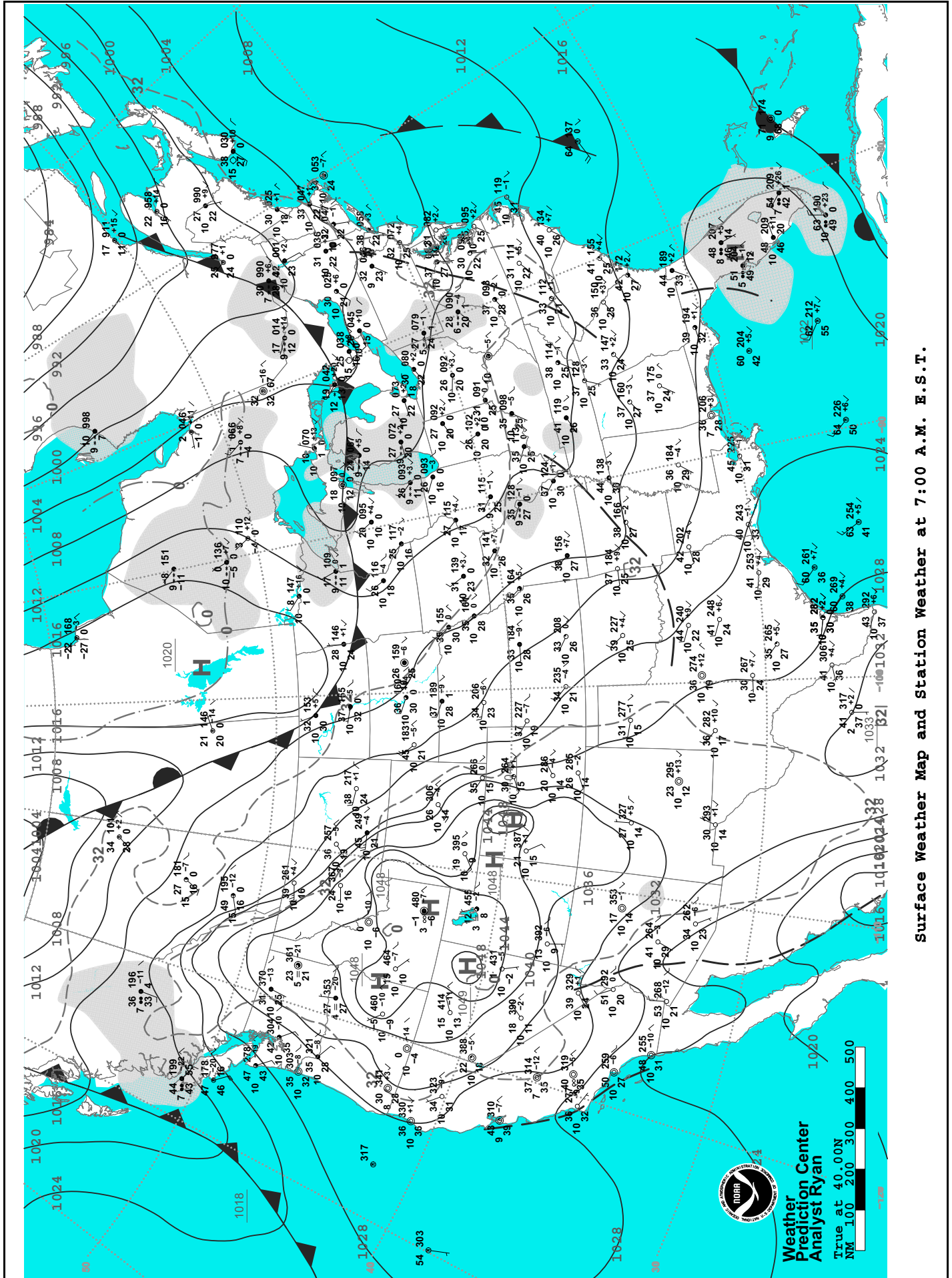
Visibility (in miles): **TT** — 3 Hour Pressure Tendency (in tenths)

Present Weather Symbol: **V** — 6 Hour Total Precipitation (in hundredths of an inch)

Dew Point Temperature: **WW** — Sky Cover

# SATURDAY, JANUARY 28, 2017

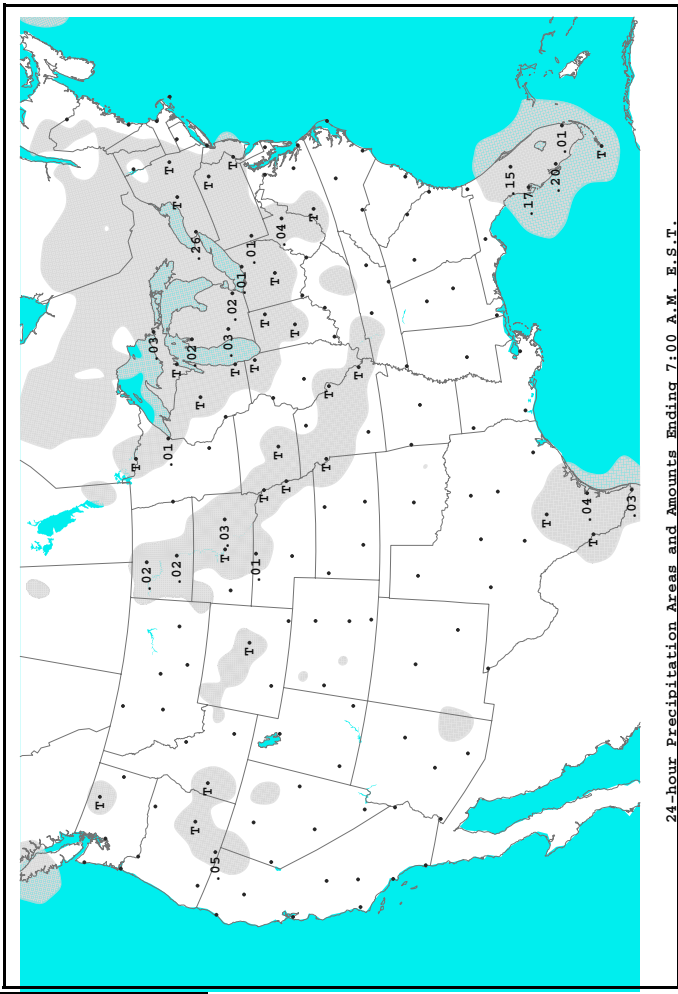
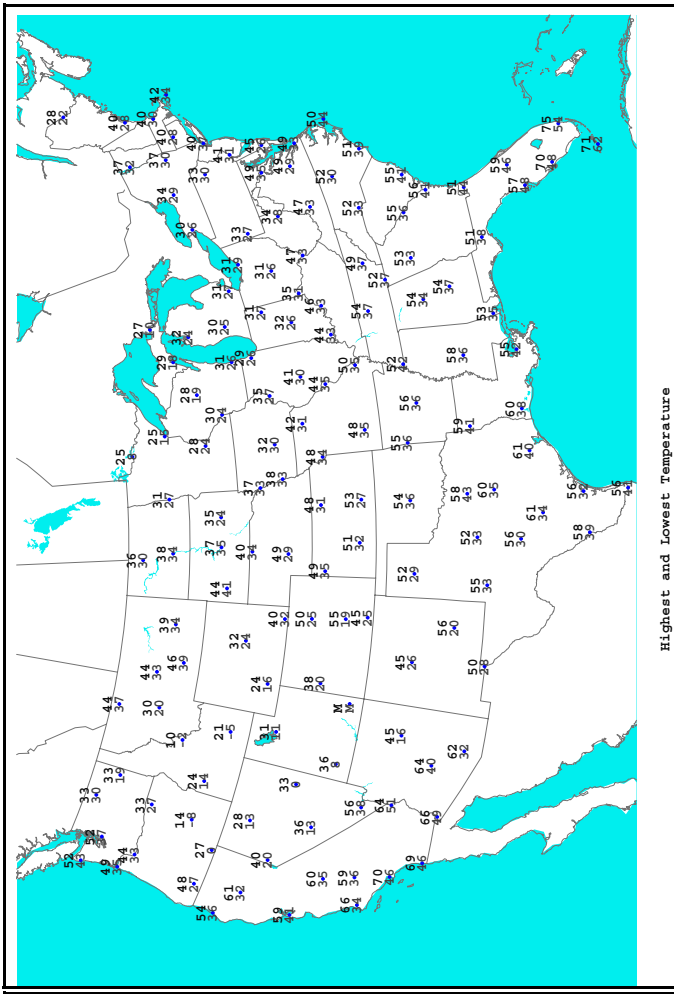
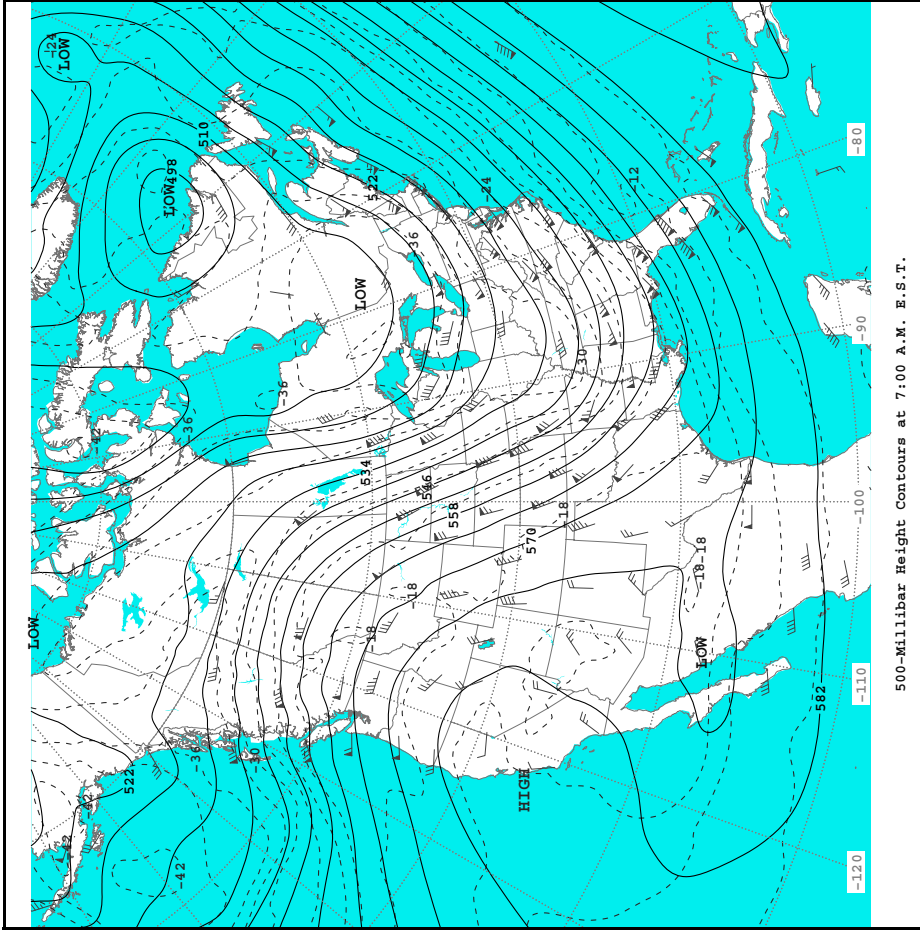




Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.

Weather Prediction Center  
Analyst Ryan  
True at 40.00N  
NW 100 200 300 400 500





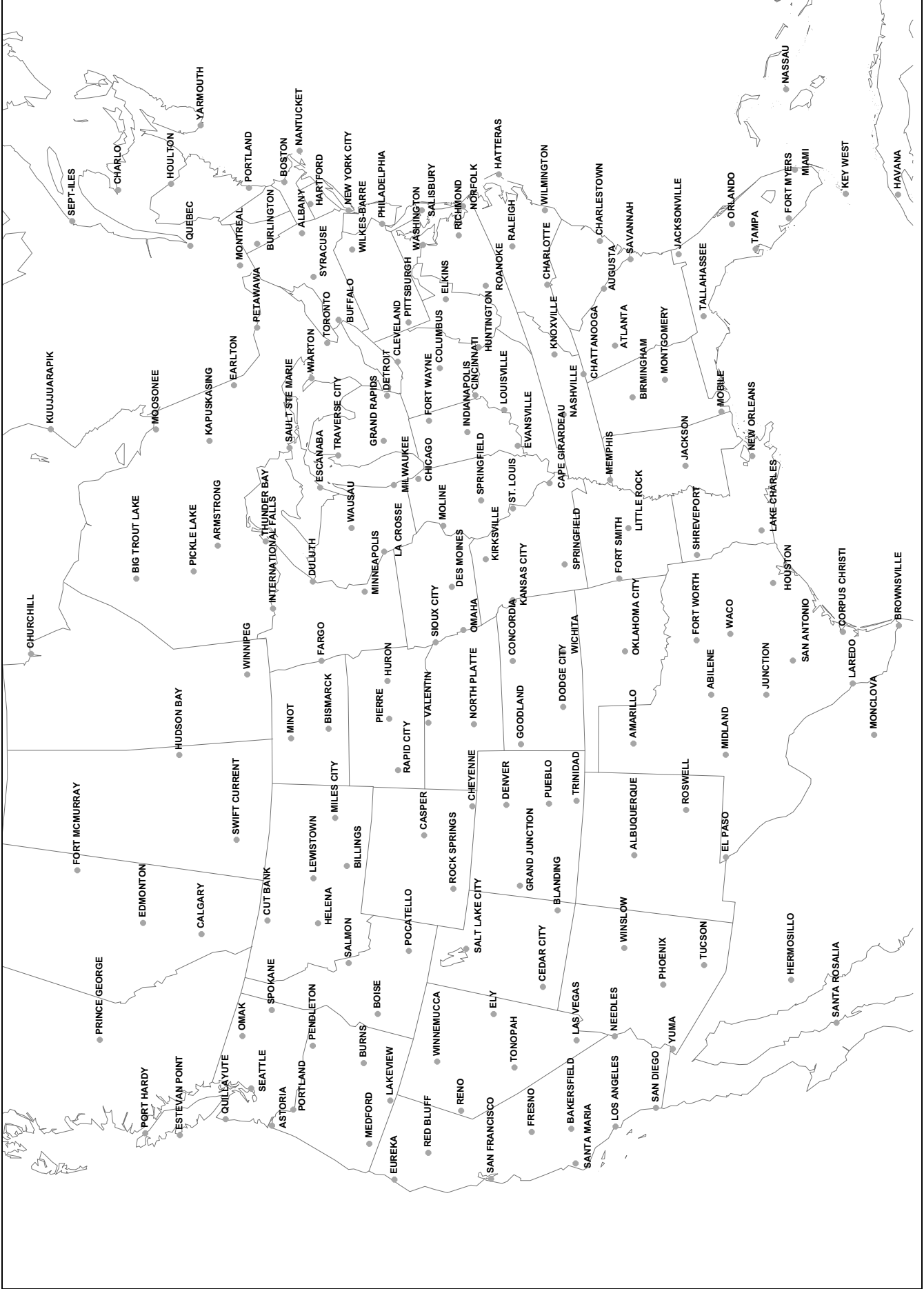
**Station Model**

Wind Direction: Wind Speed: Long Feather - 10 knots, Short Feather - 5 knots

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

Visibility (in miles): Present Weather Symbol: 3 Hour Pressure Tendency (in tenths): 6 Hour Total Precipitation (in hundredths of an inch): Sky Cover: Sky Cover

# SUNDAY, JANUARY 29, 2017



**Daily Weather Map Station Names and Locations**