



# Daily Weather Maps

JULY 25, 2016 - JULY 31, 2016

Week 30

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.

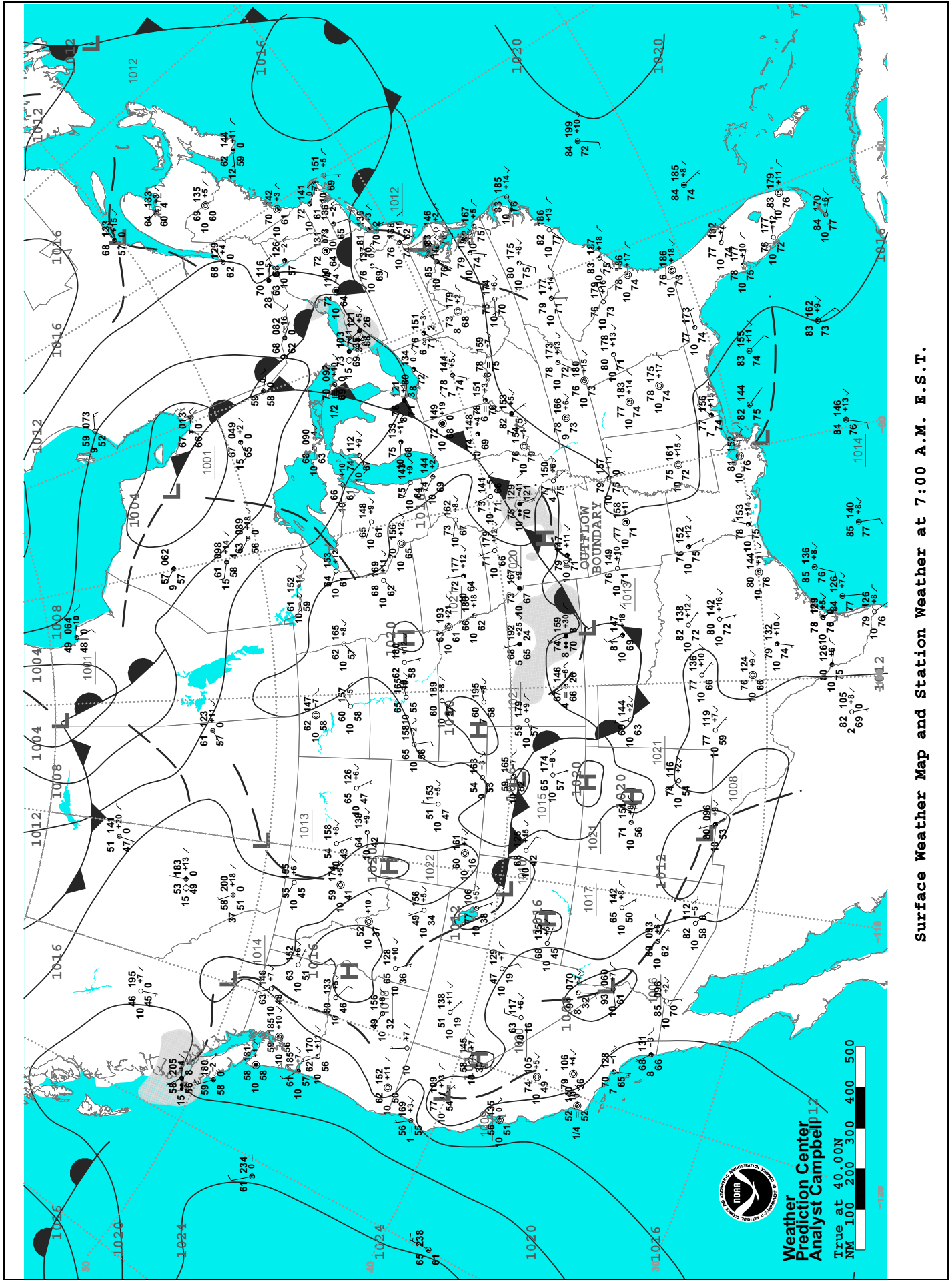
The Precipitation Areas and Amounts chart shows areas (shaded) that had precipitation during the 24 hours ending at 7:00 a.m. EST, with amounts to the nearest hundredth of an inch. "T" indicates a trace of precipitation.

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).

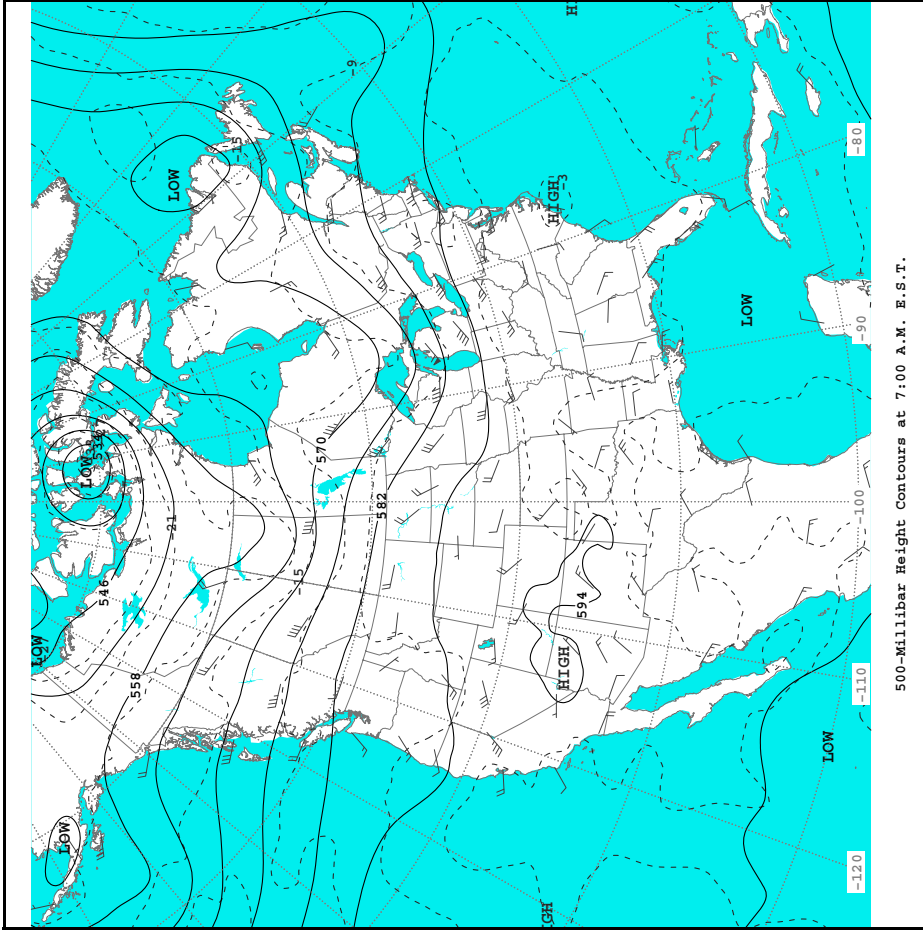
Current WPC products are available online at [www.wpc.ncep.noaa.gov](http://www.wpc.ncep.noaa.gov)



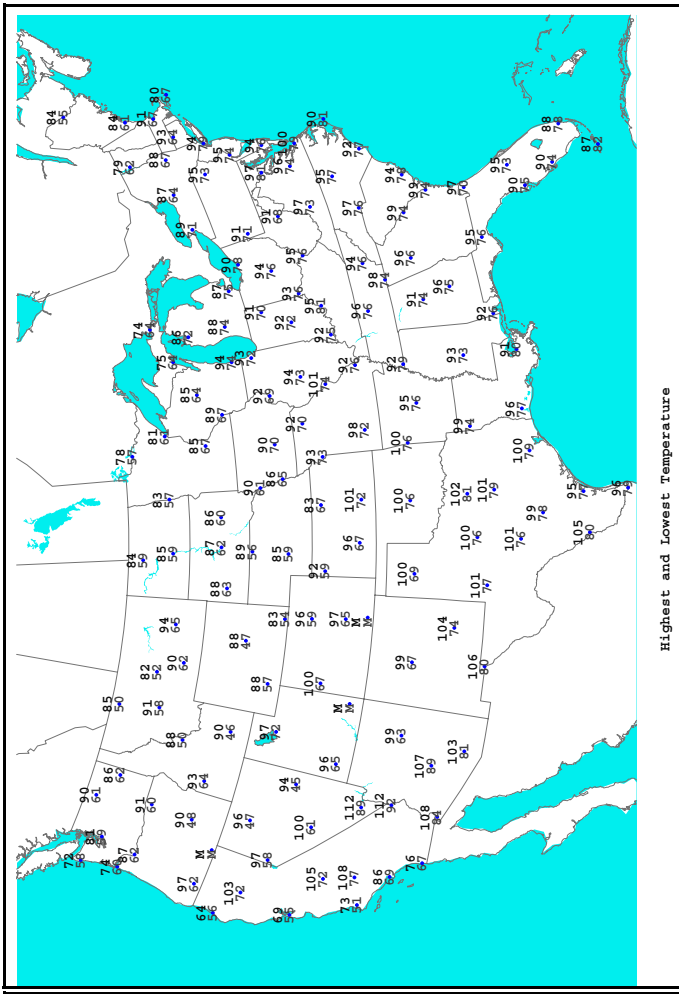
Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.

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

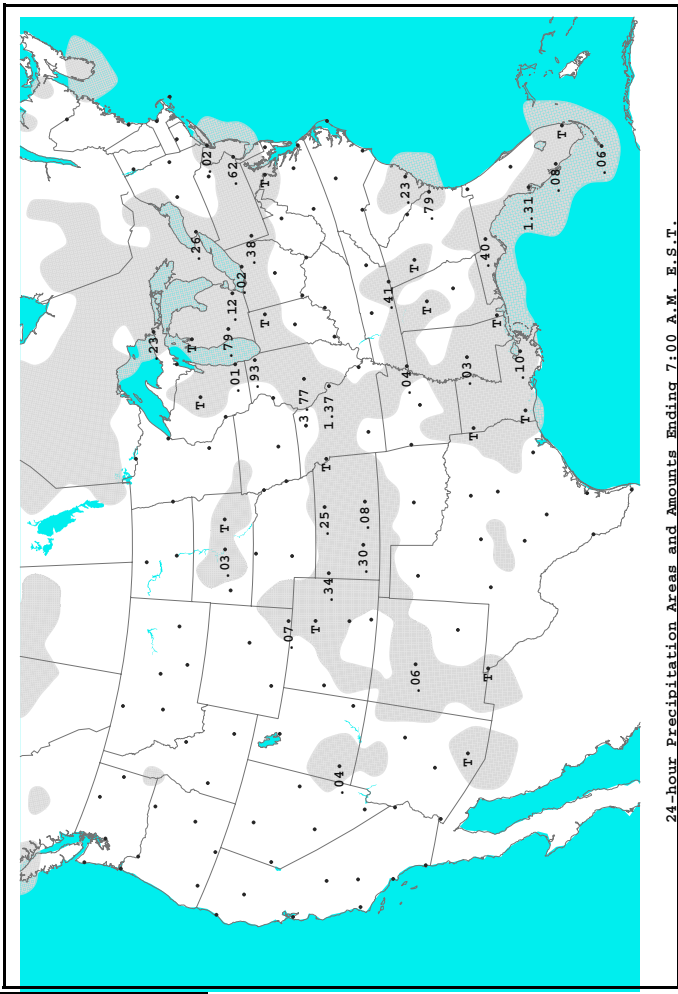




500-millibar Height Contours at 7:00 A.M. E.S.T.



Highest and Lowest Temperature



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

**Station Model**

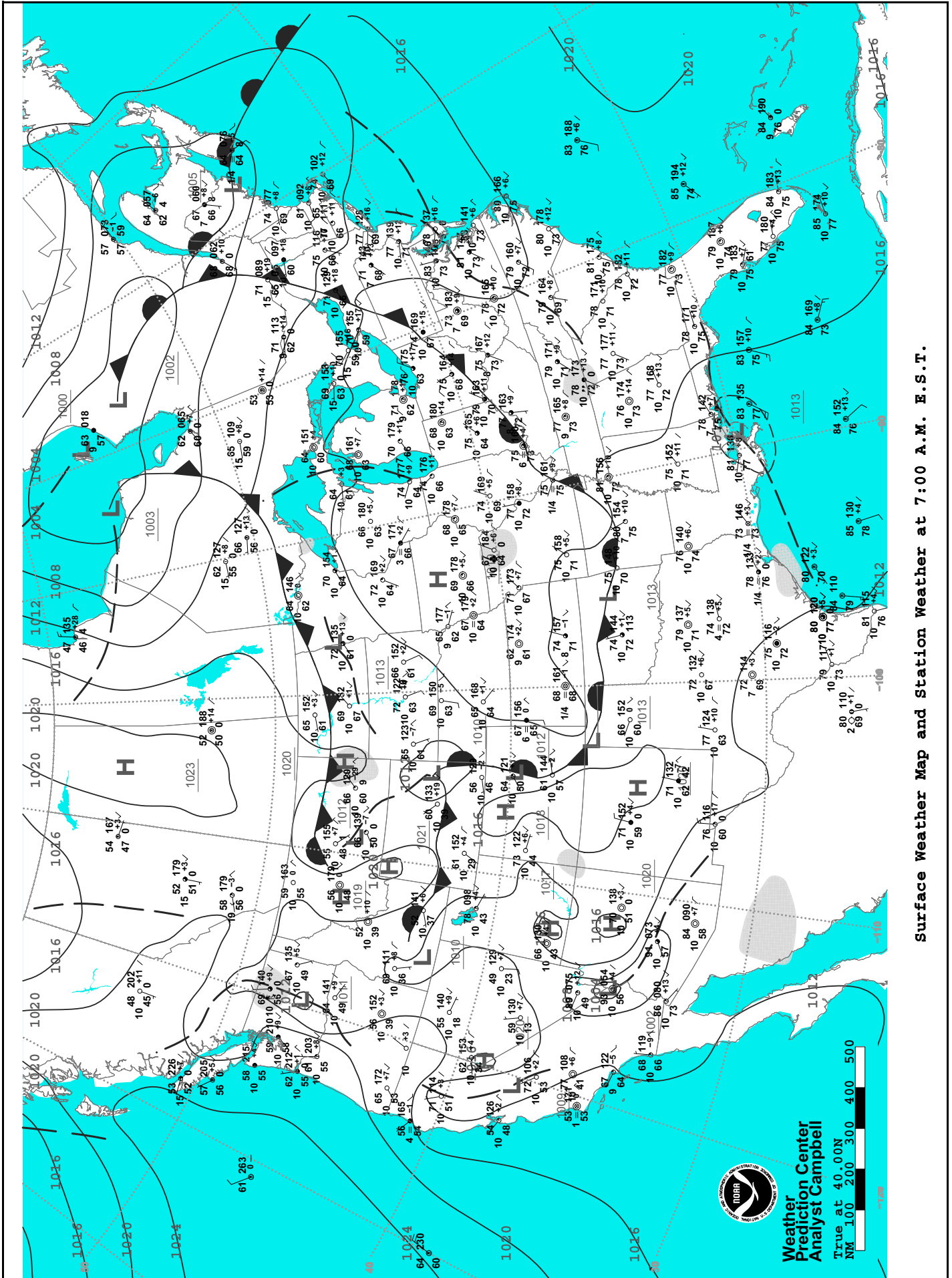
Wind Direction ——— Wind Speed  
 Long Feather - 10 knots  
 Short Feather - 5 knots

Current Temperature (in °F) — dd ———  
 Visibility (in miles) — V ———

Present Weather Symbol — ● ———  
 Dew Point Temperature ——— TT ———

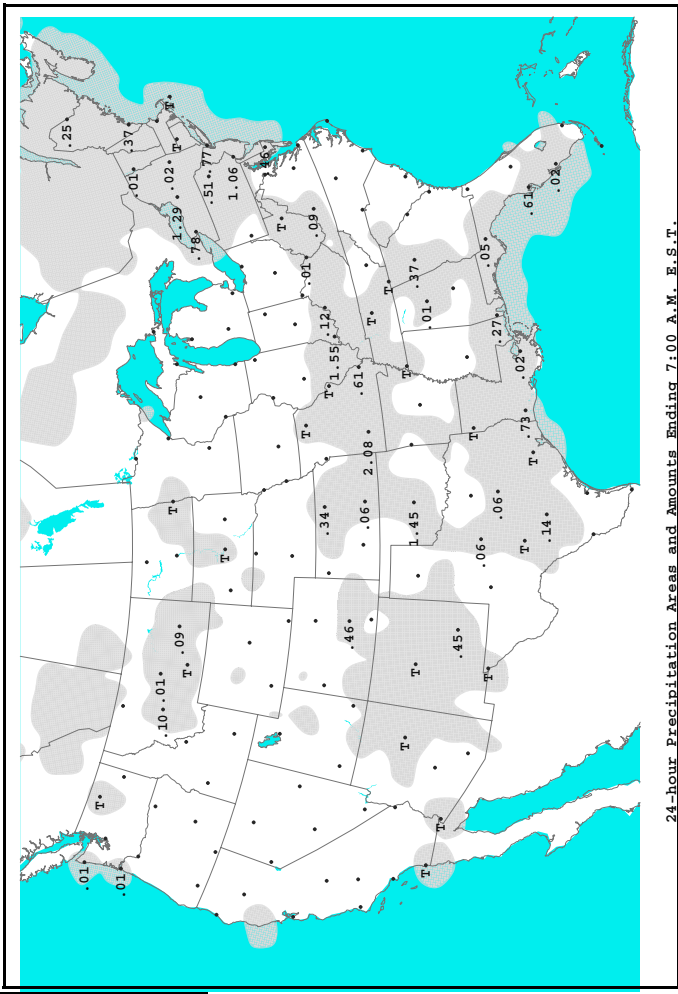
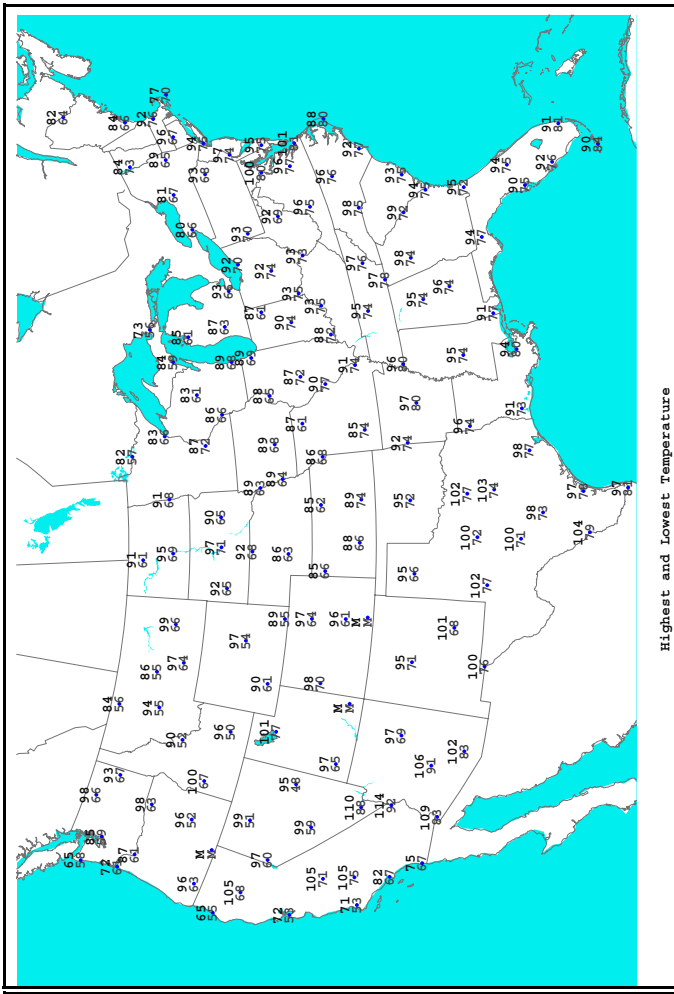
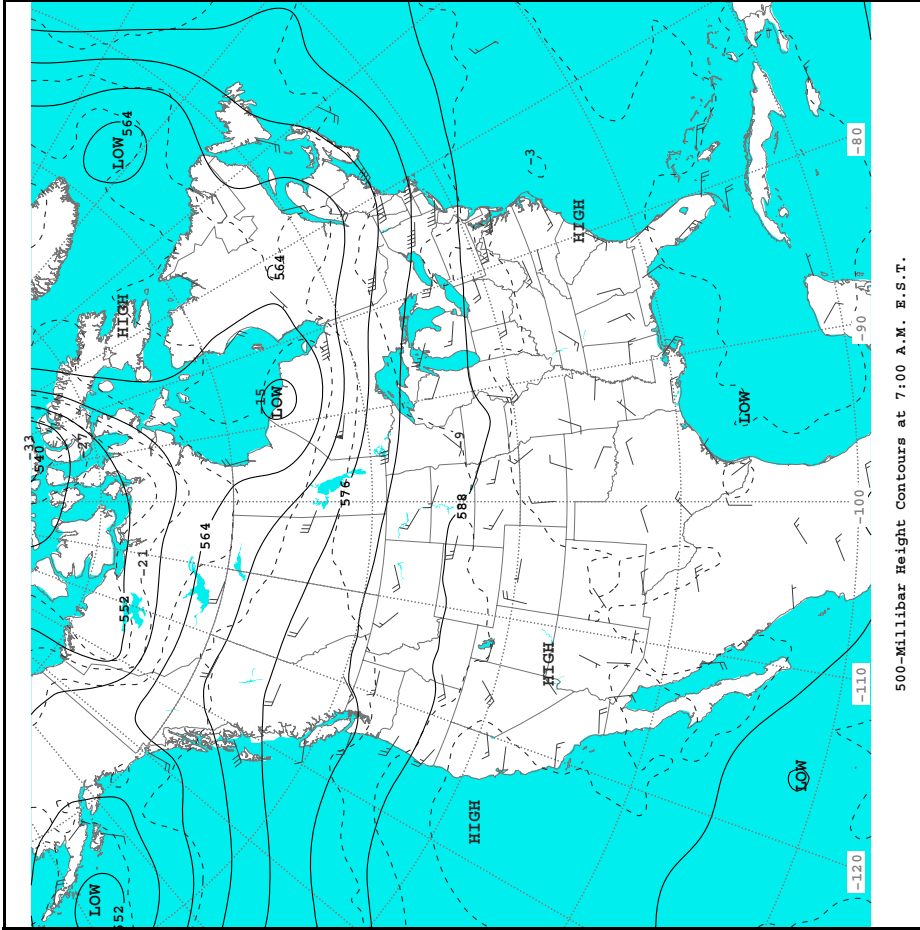
3 Hour Pressure Tendency (in tenths) ——— PPP ———  
 6 Hour Total Precipitation (in hundredths of an inch) ——— PP a ———

# MONDAY, JULY 25, 2016



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





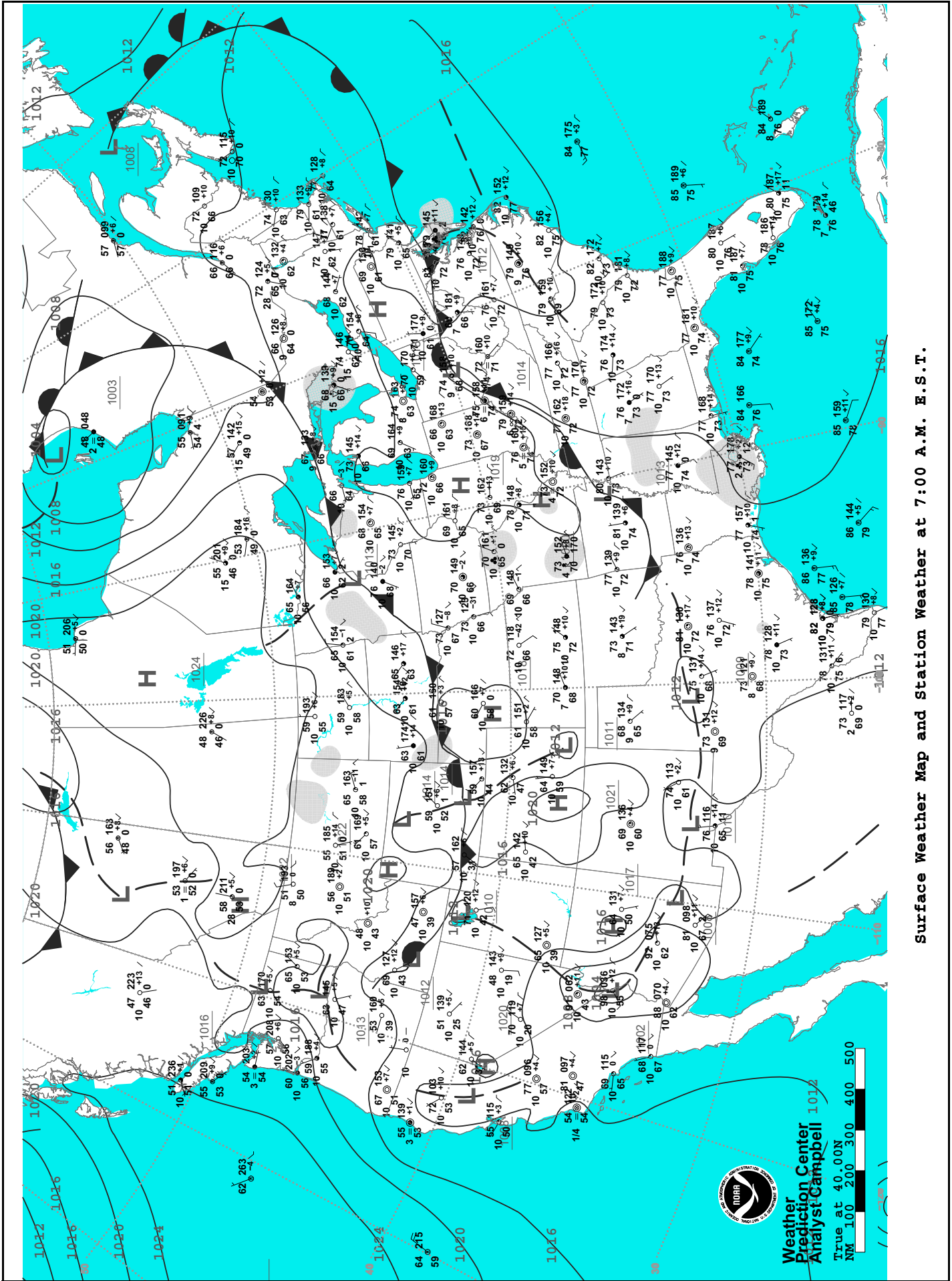
**Station Model**

The station model diagram consists of the following elements:

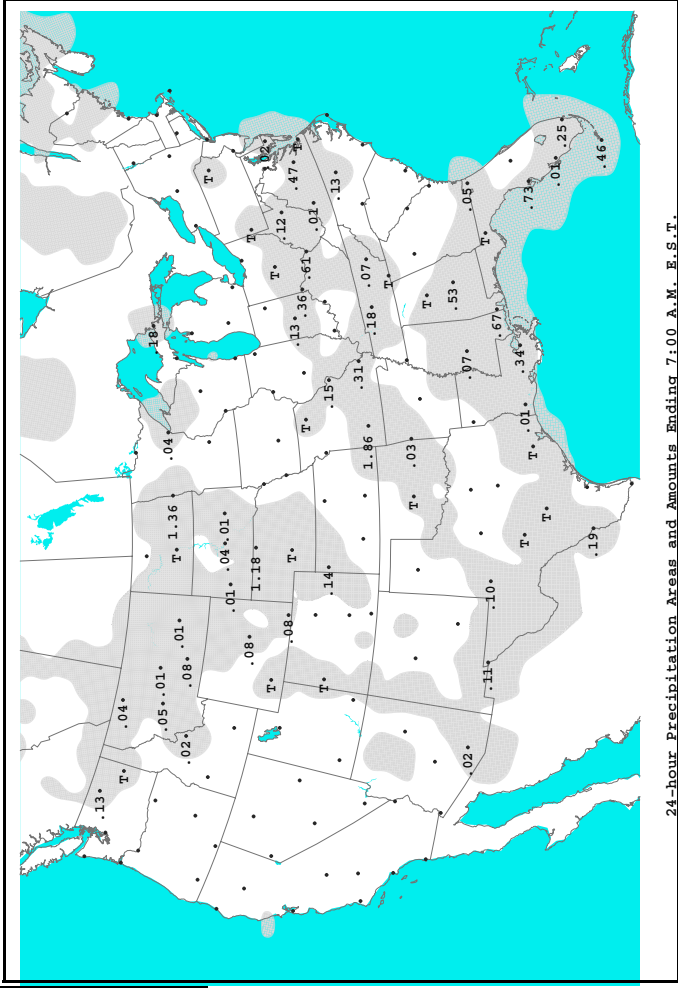
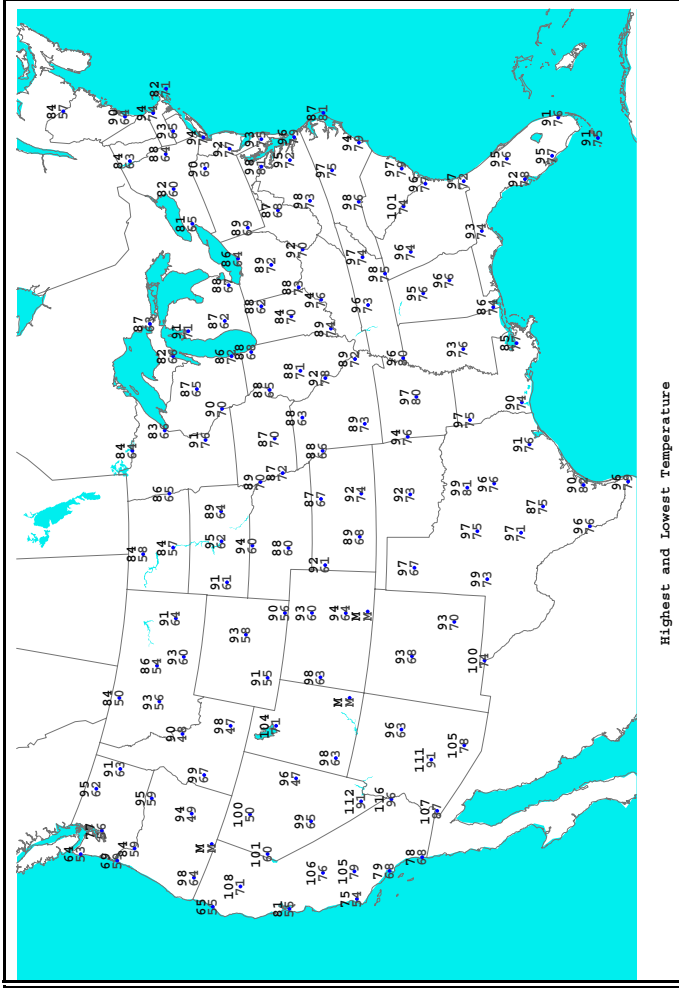
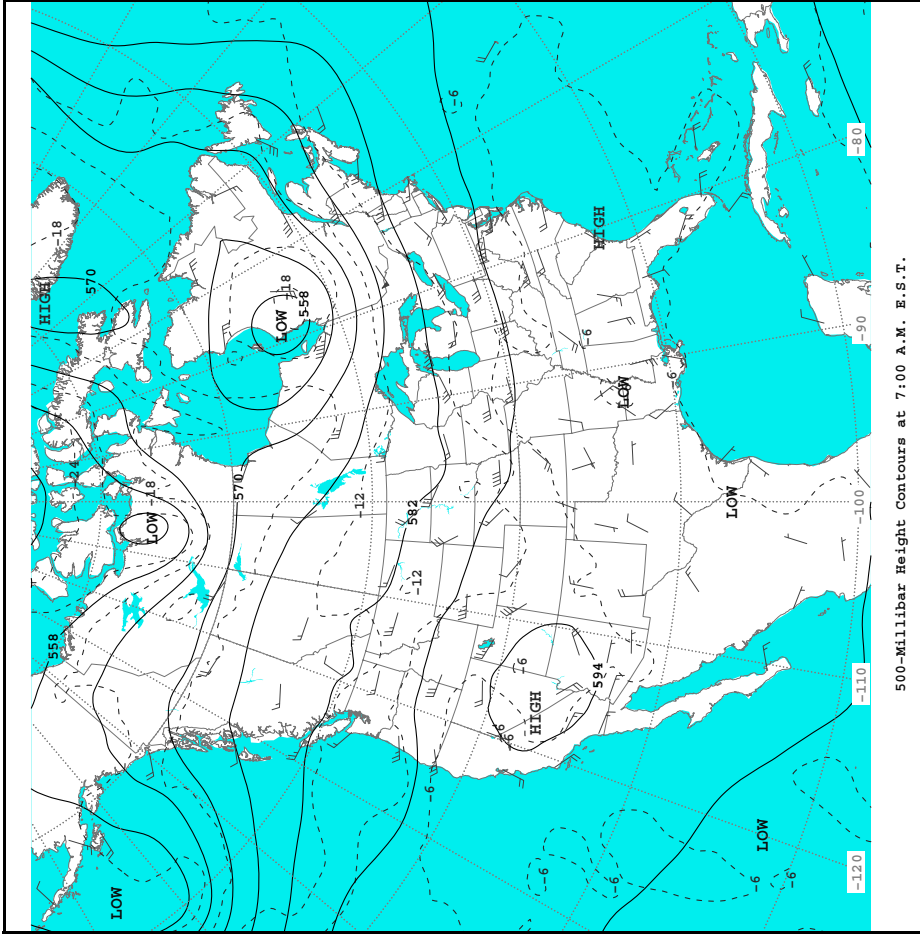
- Wind Direction:** Indicated by a vertical line with a short horizontal bar at the top.
- Current Temperature (in °F):** A large number 'F'.
- Visibility (in miles):** A number 'V'.
- Present Weather Symbol:** A circle containing a symbol representing the current weather condition.
- Dew Point Temperature:** A number 'DD'.
- Wind Speed:** A long feather for 10 knots and a short feather for 5 knots.
- 3-Digit Surface Pressure (in tenths):** A number 'PPP'.
- 3 Hour Pressure Tendency (in tenths):** A number 'PP'.
- 6 Hour Total Precipitation (in hundredths of an inch):** A number 'RR'.

**Station Model**

# TUESDAY, JULY 26, 2016



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): **dd** Present Weather Symbol: **TT**

Visibility (in miles): **V** Dew Point Temperature: **TT**

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

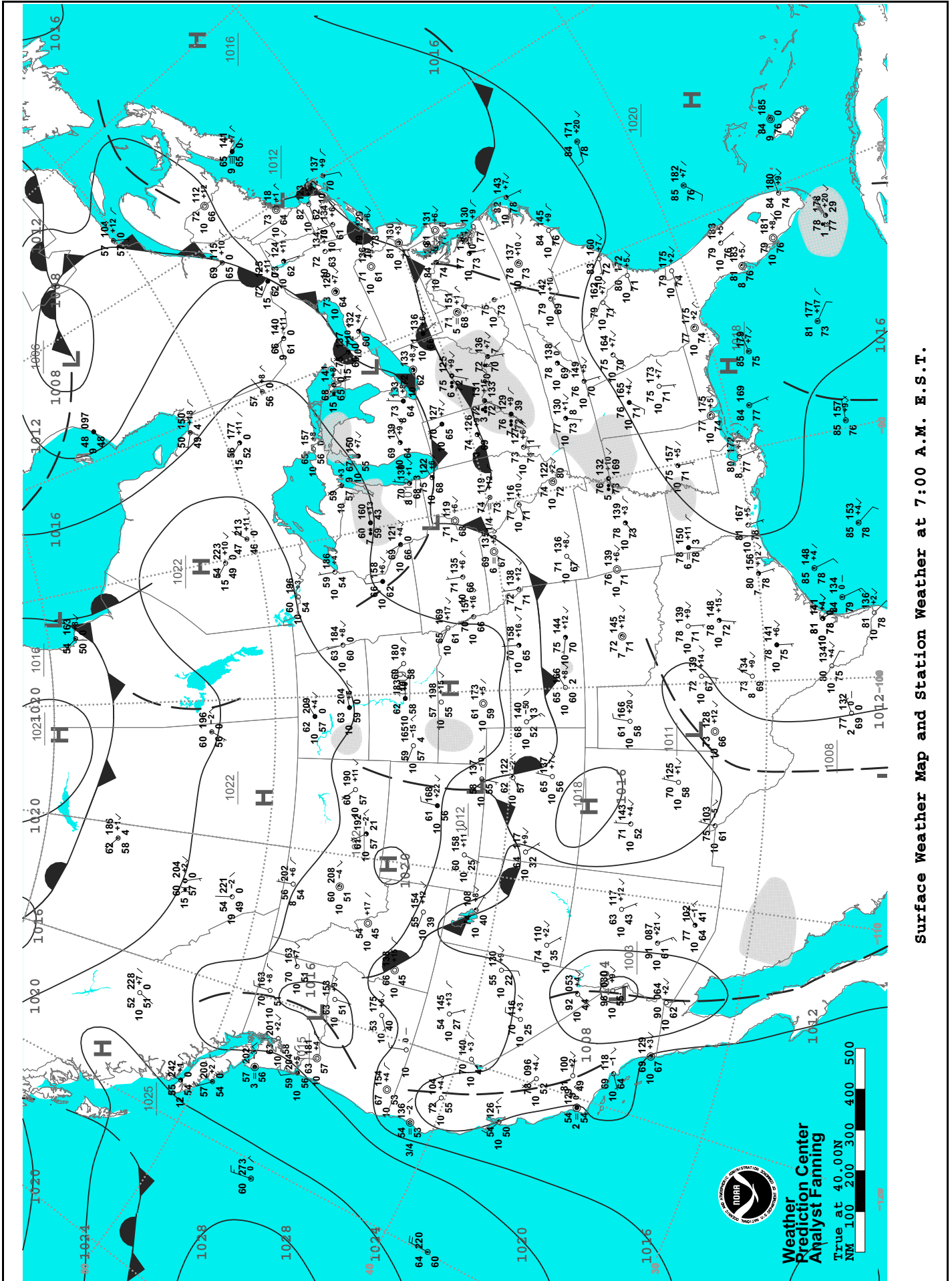
012 = 1001.2mb

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

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

**WEDNESDAY, JULY 27, 2016**





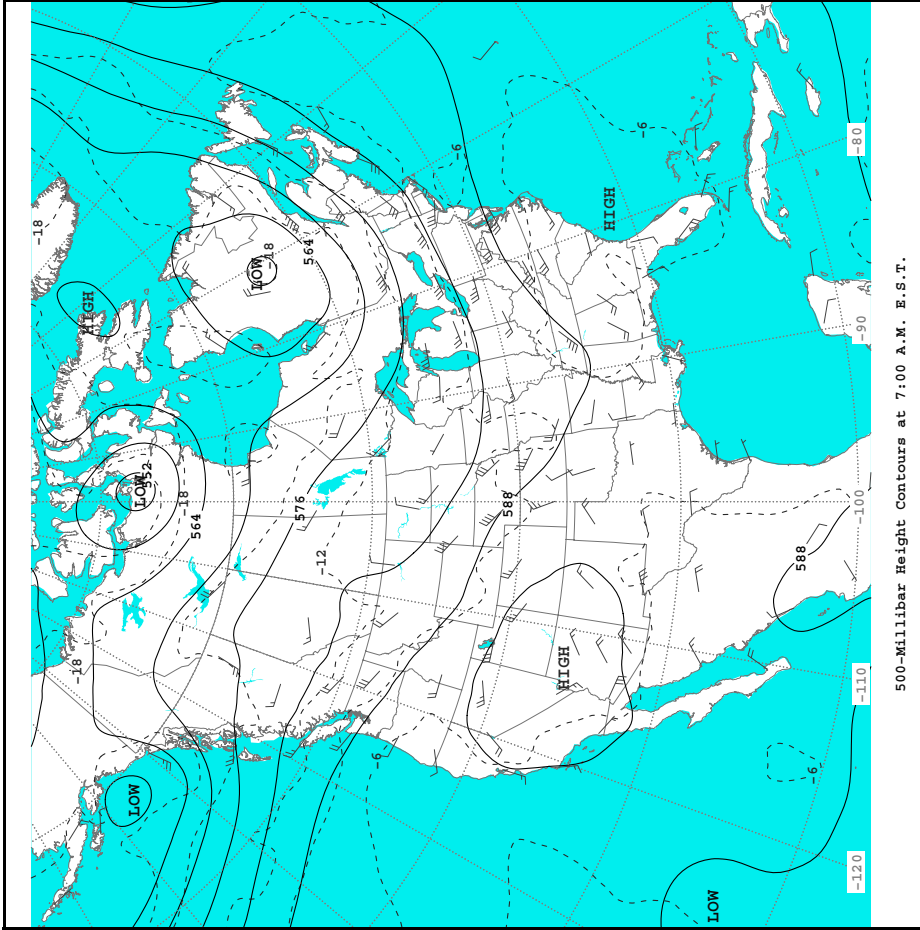
Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.



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**

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

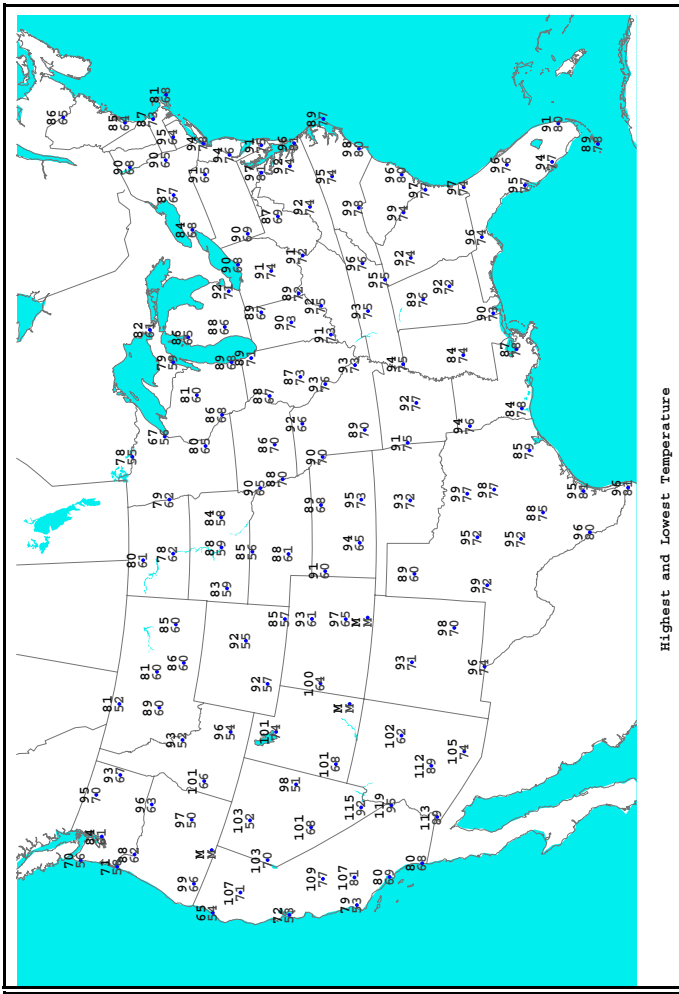
Current Temperature (in °F) — **F** — ft

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

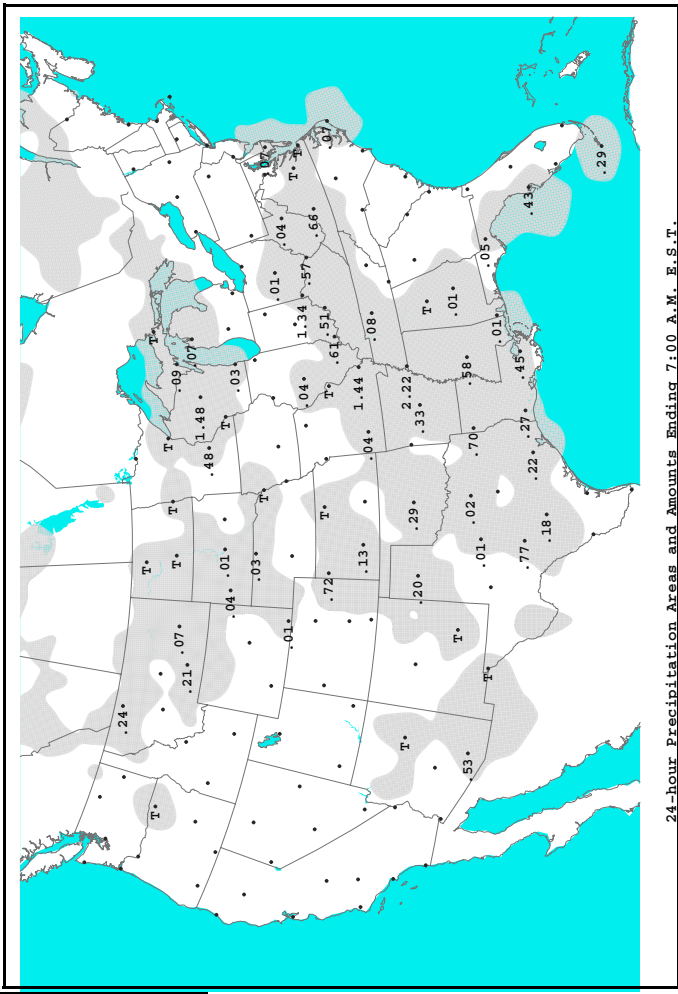
Present Weather Symbol — V — WW — 3 Hour Pressure Tendency (in tenths)

Dew Point Temperature — TD — RR — 6 Hour Total Precipitation (in hundredths of an inch)

— Sky Cover

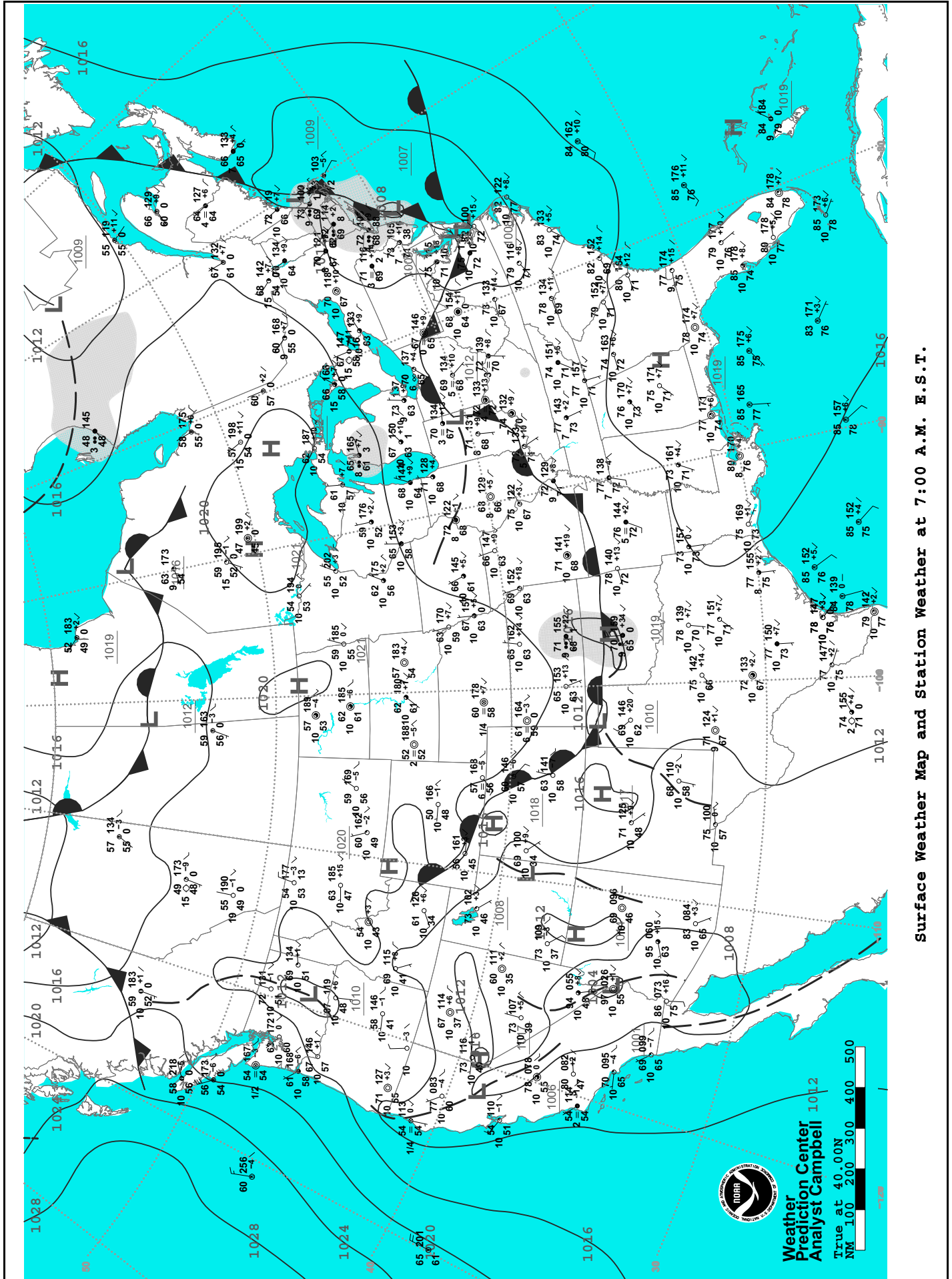


Highest and Lowest Temperature

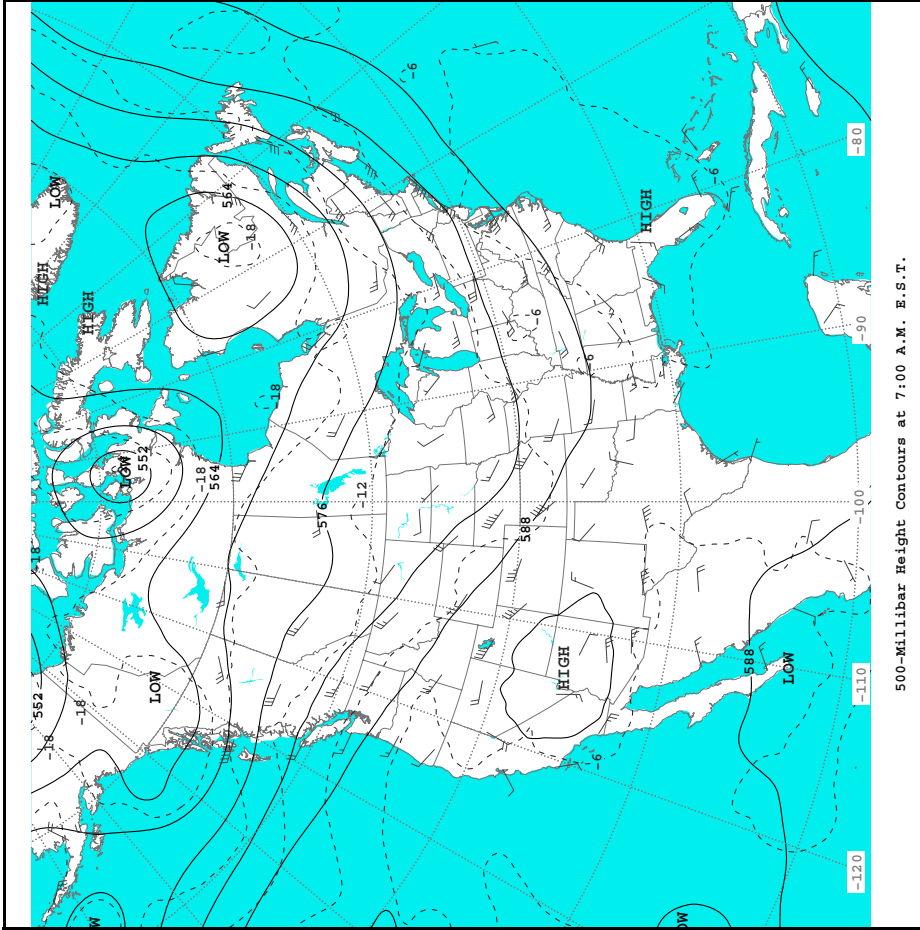


24-hour Precipitation Areas and Amounts Ending 7:00 A.M. E. S. T.

# THURSDAY, JULY 28, 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.

**Station Model**

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

Current Temperature (in °F): **dd**

Visibility (in miles): **V**

Present Weather Symbol: **TT**

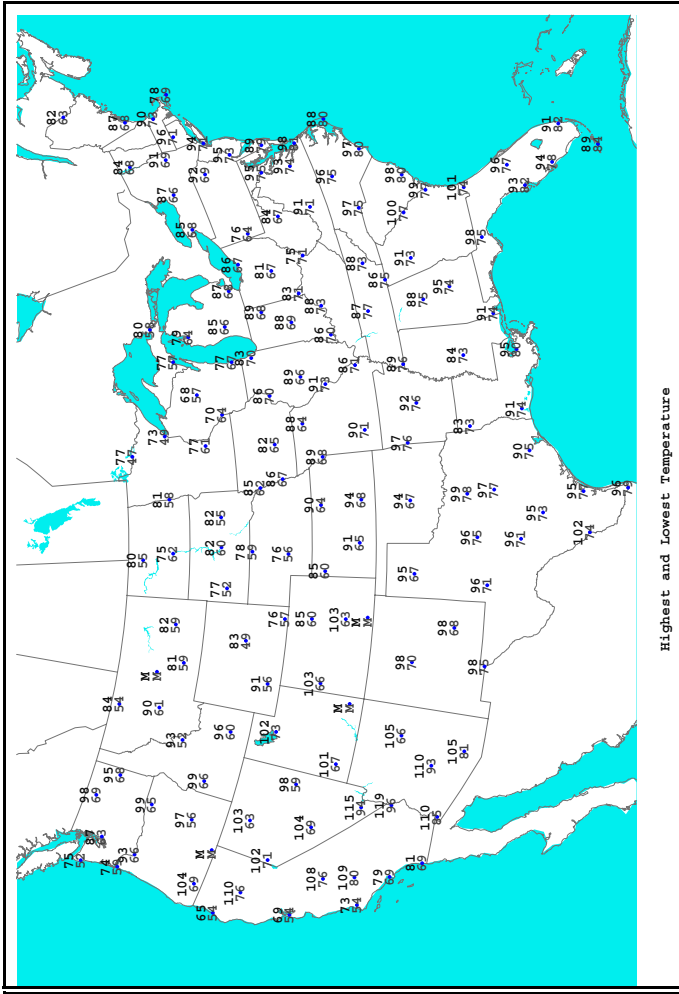
Dew Point Temperature: **PP**

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

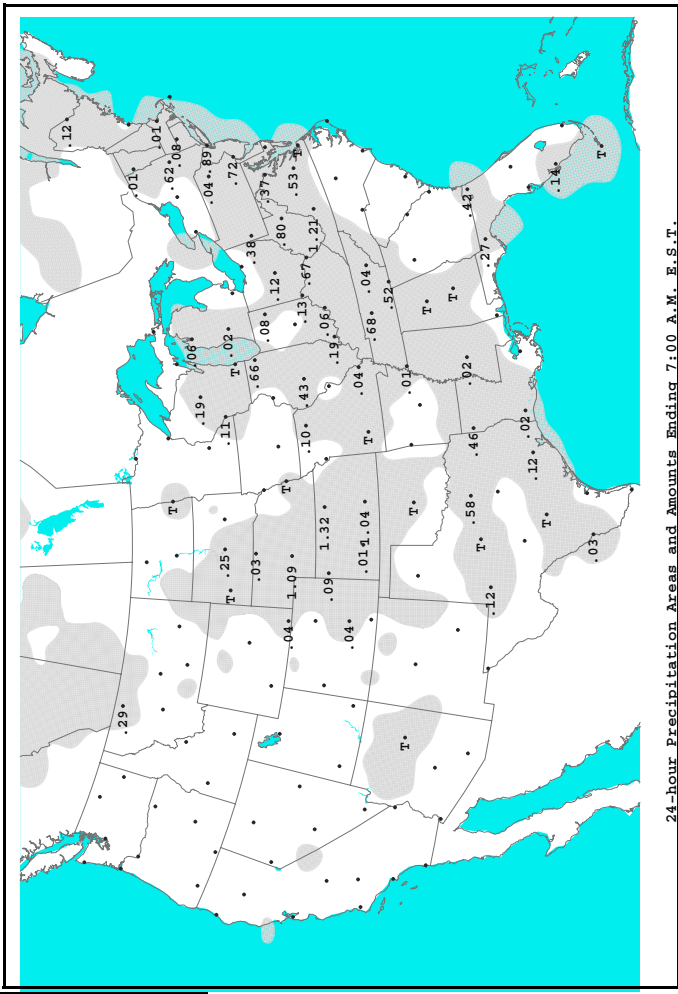
3 Hour Pressure Tendency (in tenths): **PP a**

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

Sky Cover: **Sk**



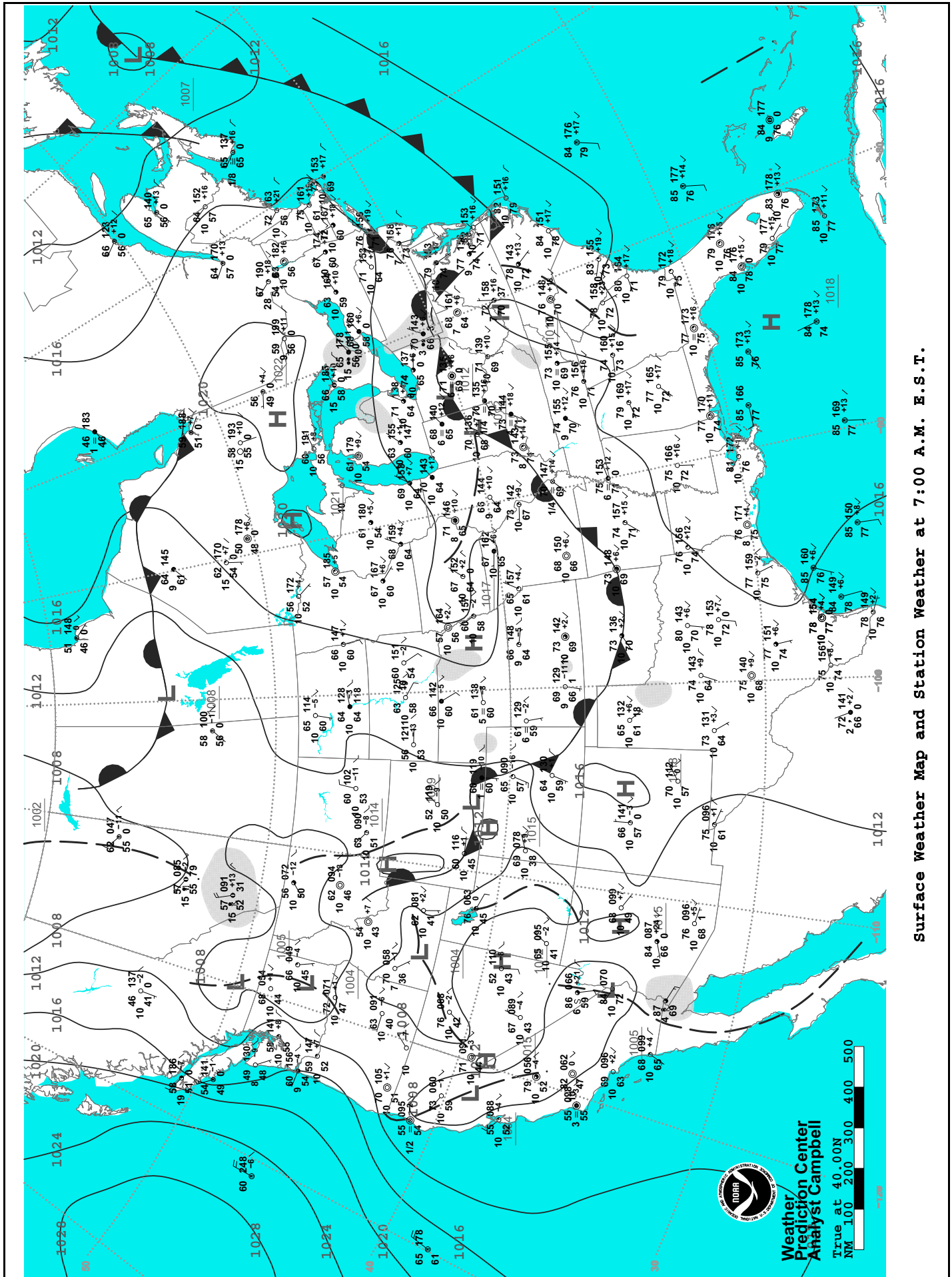
Highest and Lowest Temperature



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

# FRIDAY, JULY 29, 2016





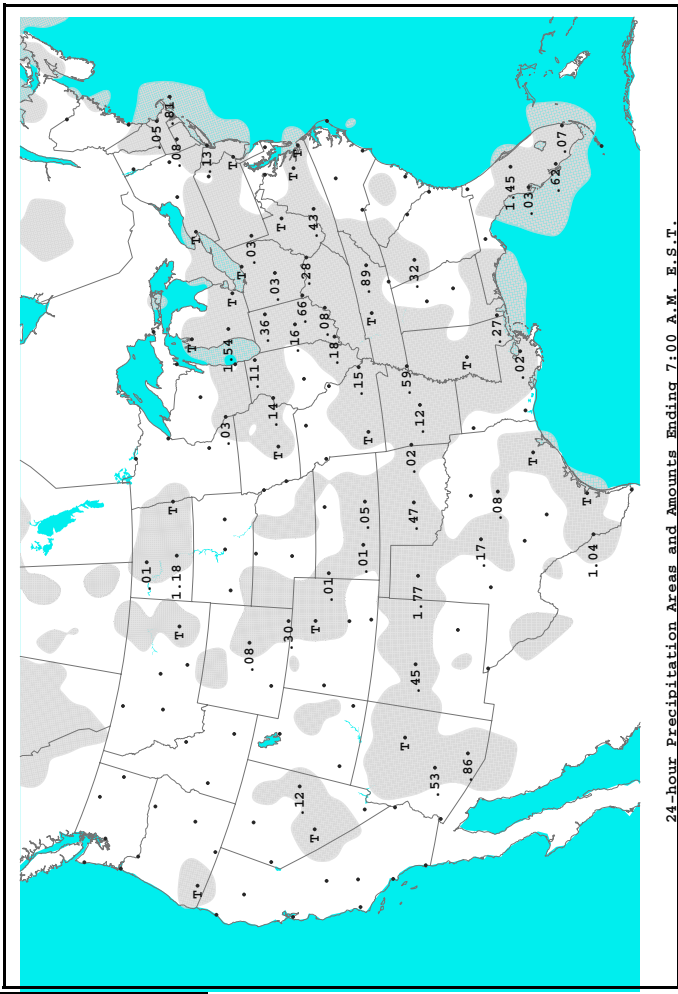
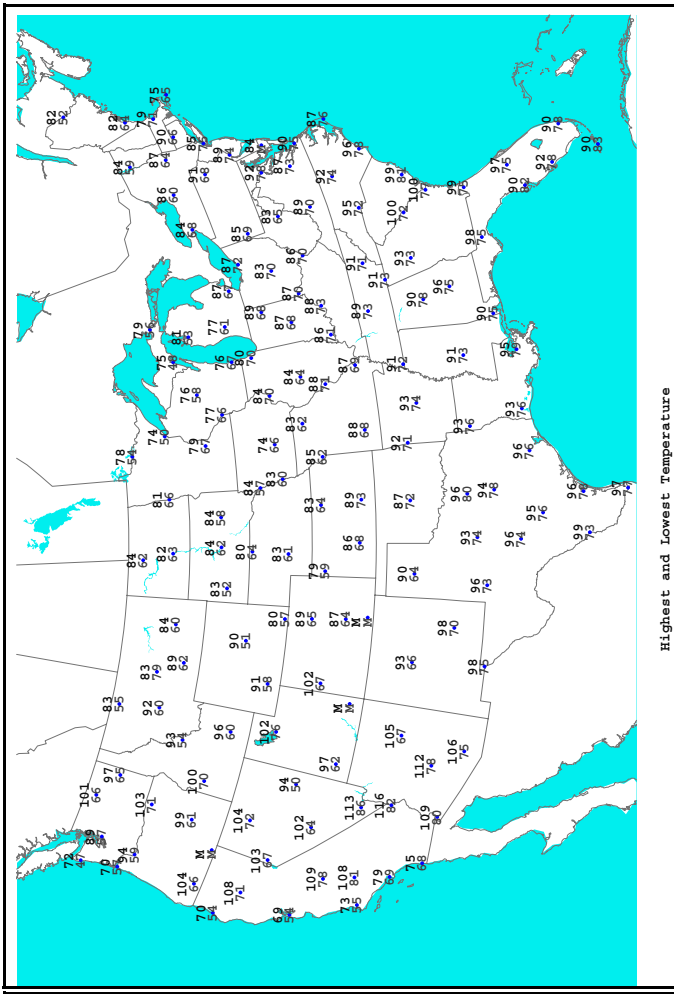
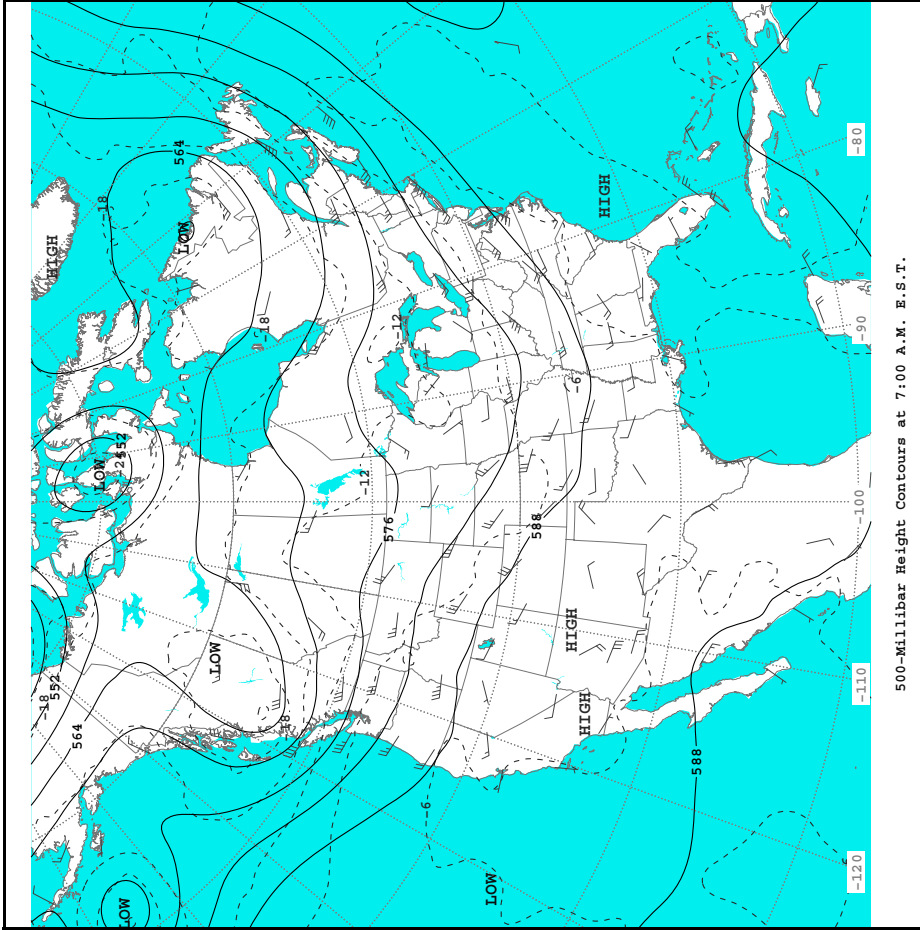
Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.



Weather Prediction Center  
Analyst Campbell

True at 40.00N  
NM 100 200 300 400 500





**Station Model**

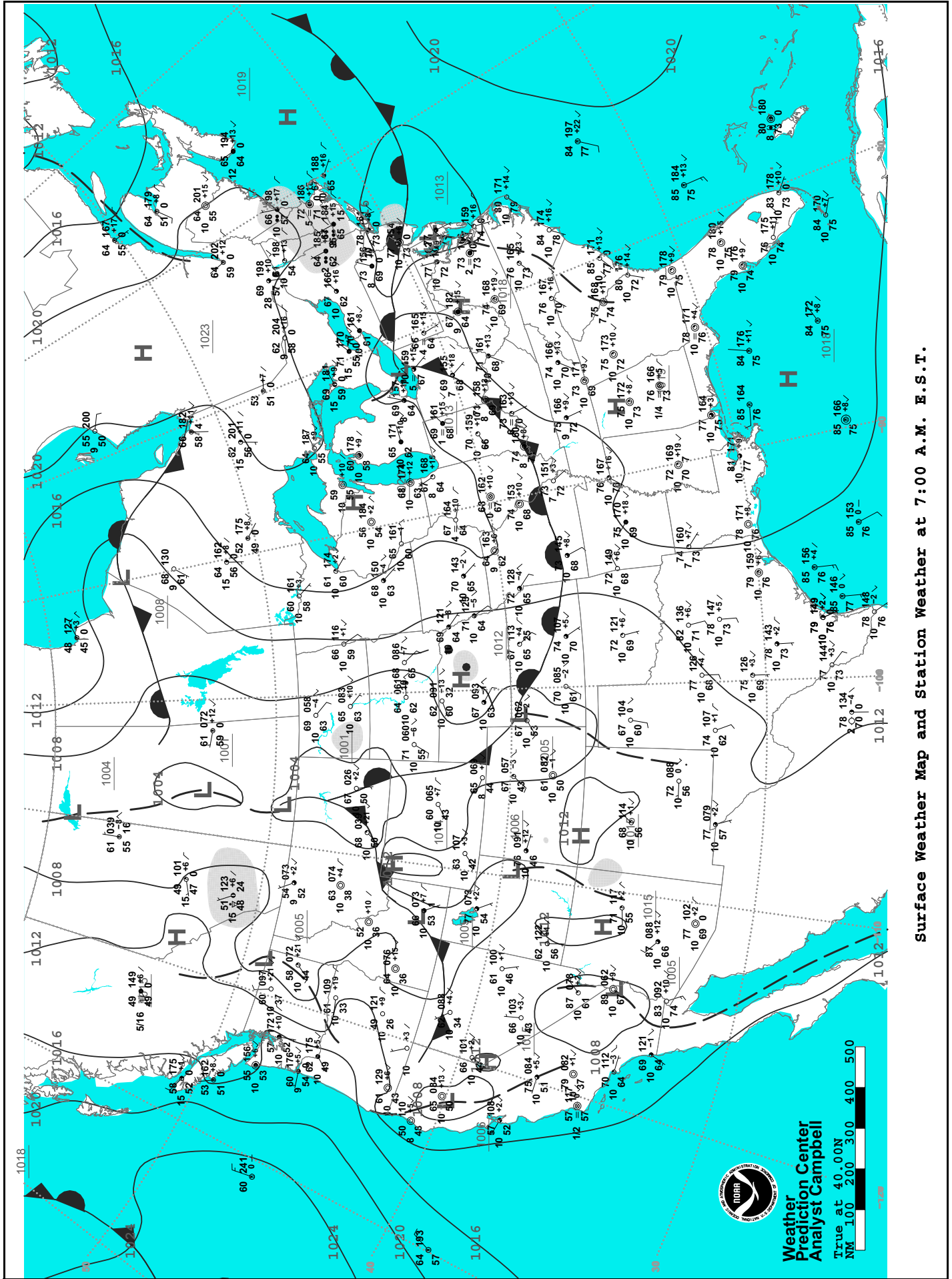
Wind Direction: **ff** — Wind Speed  
 Long Feather - 10 knots  
 Short Feather - 5 knots

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

Visibility (in miles): **TT** — Present Weather Symbol: **PPP** — 3 Hour Pressure Tendency (in tenths): **PP a** — 6 Hour Total Precipitation (in hundredths of an inch): **RR**

Dew Point Temperature: **V** — Sky Cover: **RR**

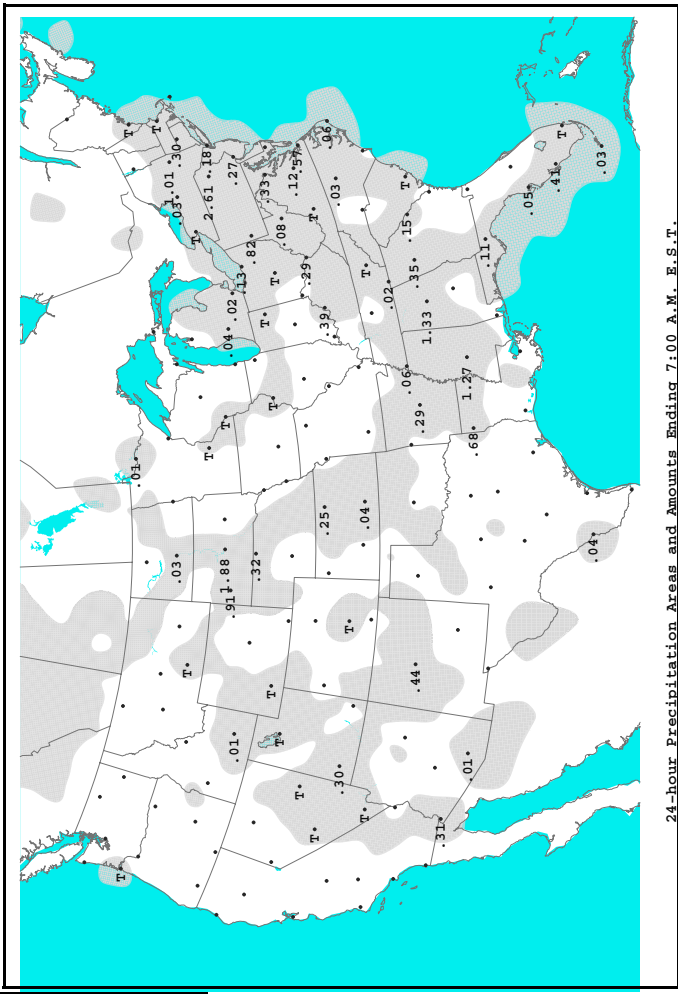
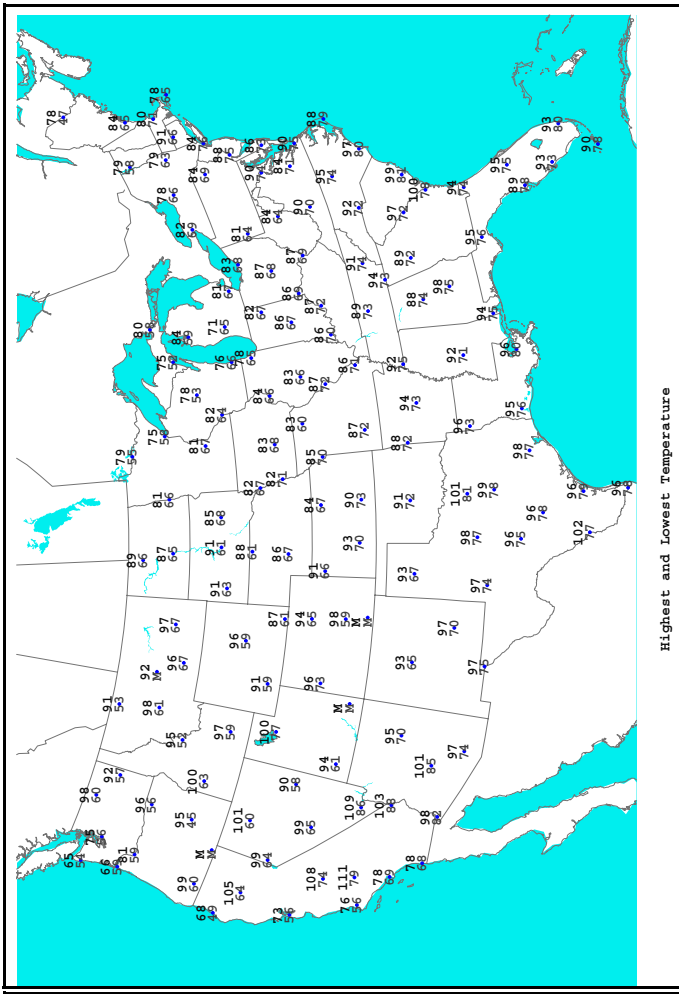
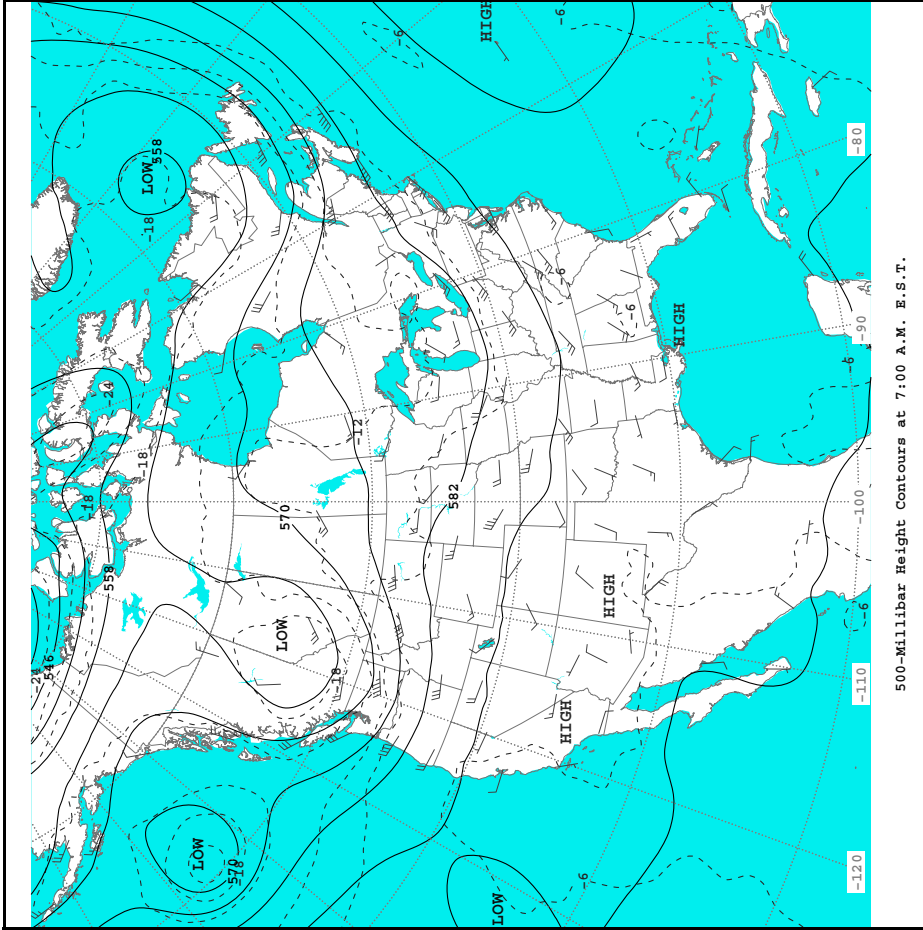
# SATURDAY, JULY 30, 2016



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

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



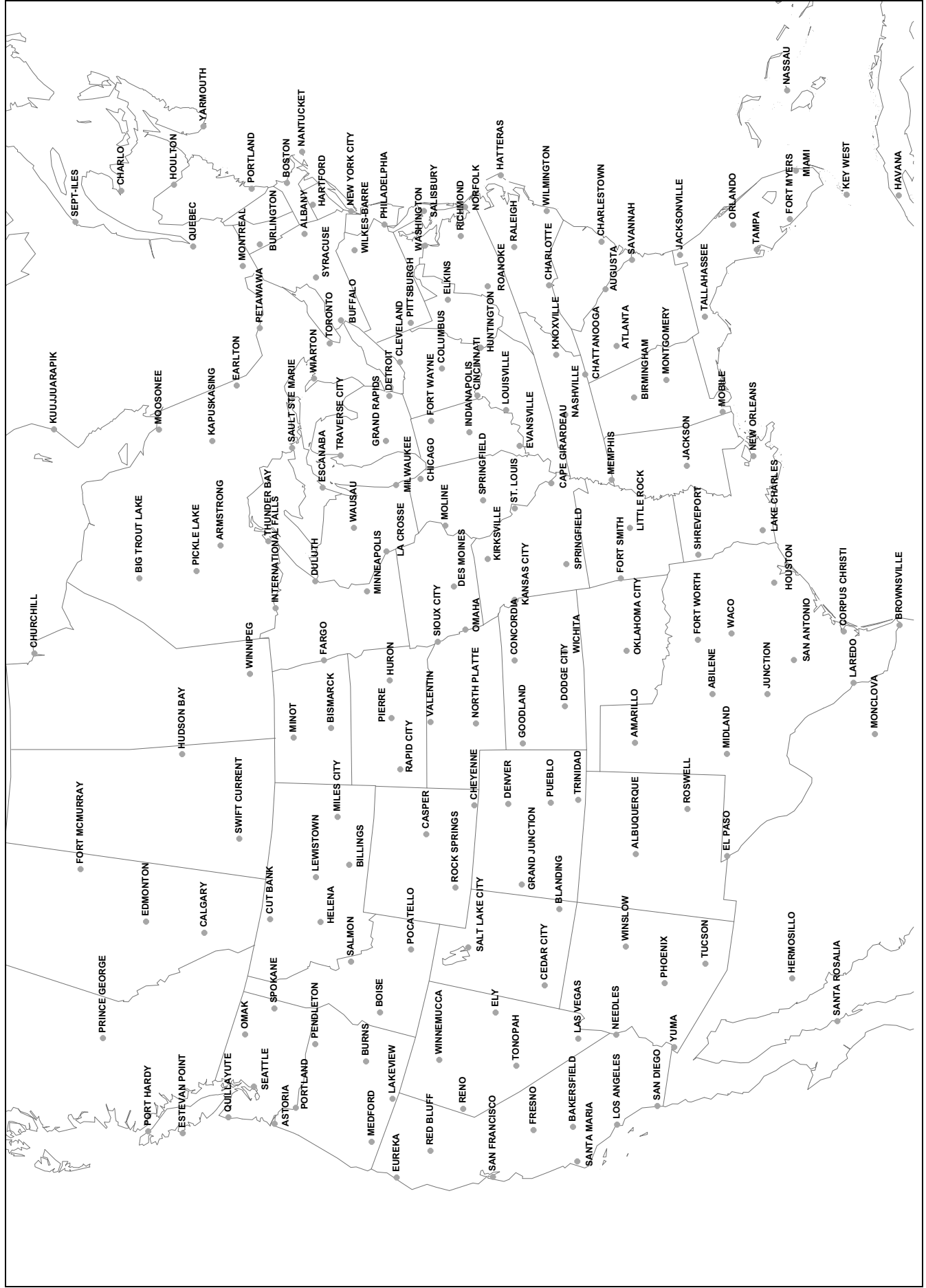


**Station Model**

The station model diagram consists of the following elements:

- Wind Direction:** Indicated by a vertical line with a short horizontal bar at the top.
- Wind Speed:** Indicated by the number of feathers on the wind direction line. A long feather represents 10 knots, and a short feather represents 5 knots.
- Current Temperature (in °F):** Represented by the number 'dd'.
- Visibility (in miles):** Represented by the number 'V'.
- Present Weather Symbol:** Represented by a circle containing a symbol (e.g., 'F' for rain, 'P' for snow).
- Dew Point Temperature (in °F):** 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 'PPa'.
- 6 Hour Total Precipitation (in hundredths of an inch):** Represented by the number 'RR'.
- Sky Cover:** Represented by a horizontal line with a vertical bar at the end.

# SUNDAY, JULY 31, 2016



**Daily Weather Map Station Names and Locations**