



Daily Weather Maps

JULY 4, 2016 - JULY 10, 2016

Week 27

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.

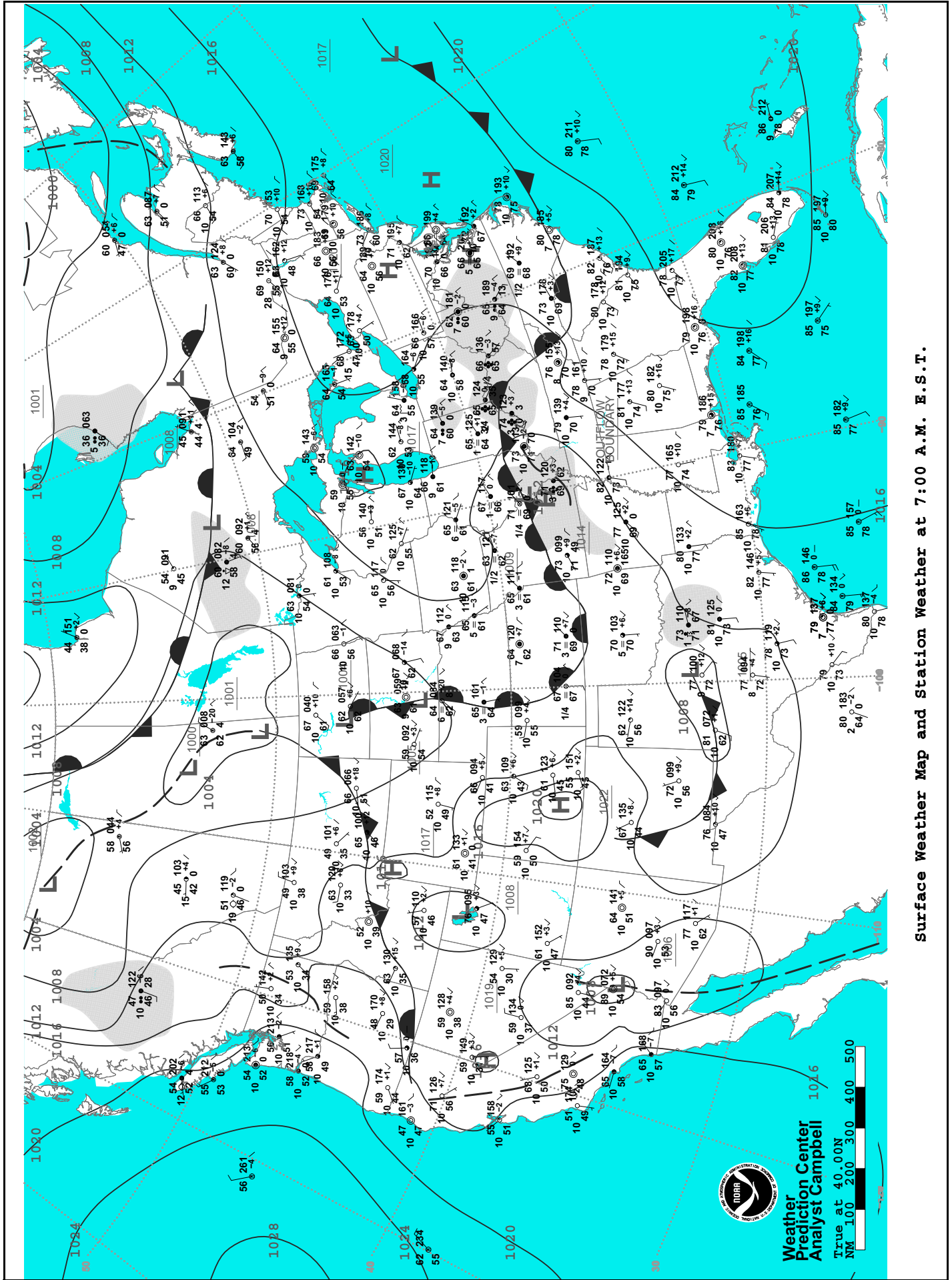
The Precipitation Areas and Amounts chart shows areas (shaded) that had precipitation during the 24 hours ending at 7:00 a.m. EST, with amounts to the nearest hundredth of an inch. "T" indicates a trace of precipitation.

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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.

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

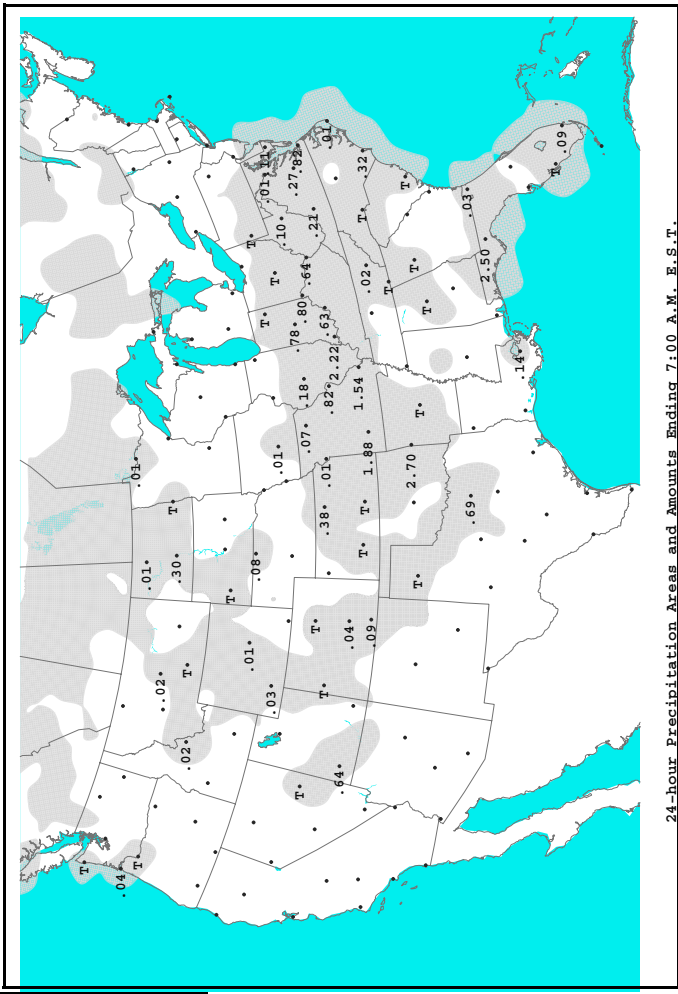
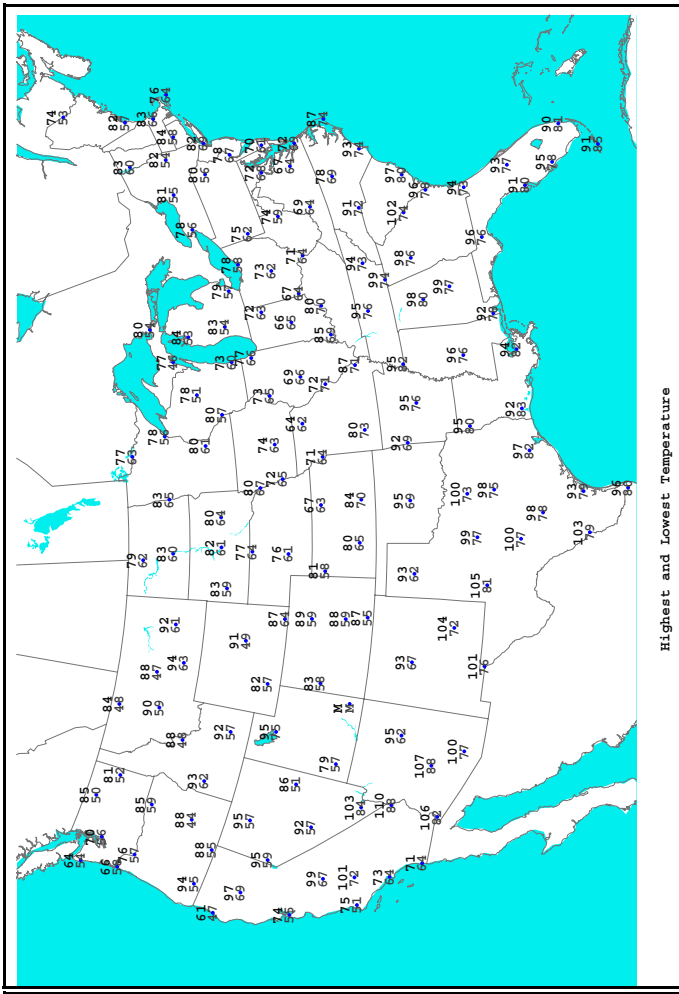
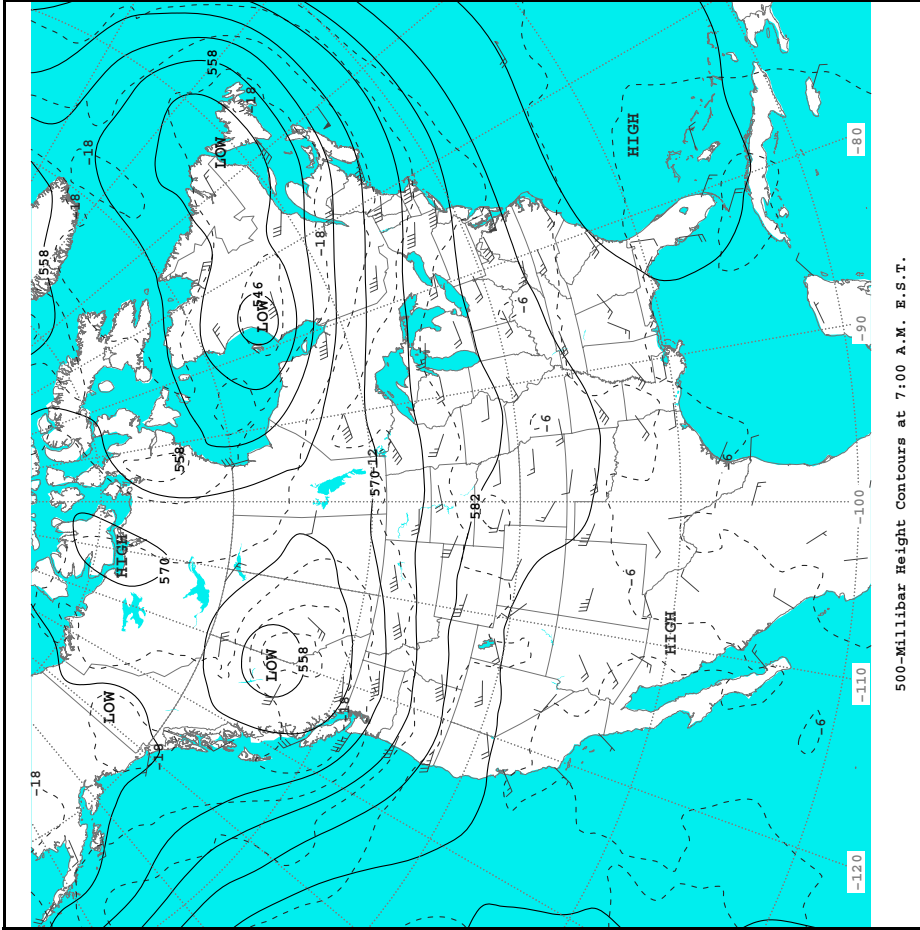


Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.



Weather Prediction Center
Analyst Campbell

True at 40.00N
NM 100 200 300 400 500

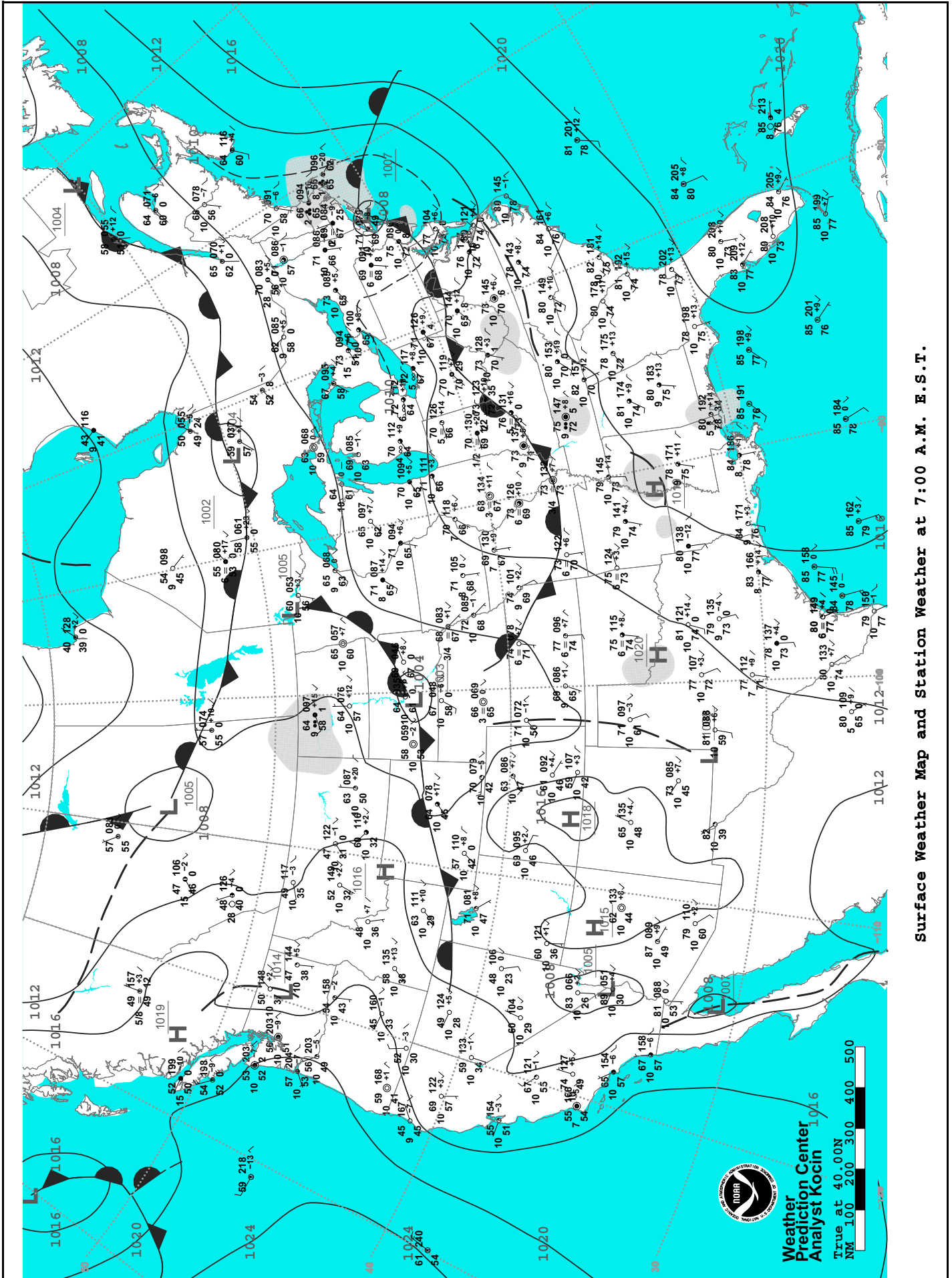


Station Model

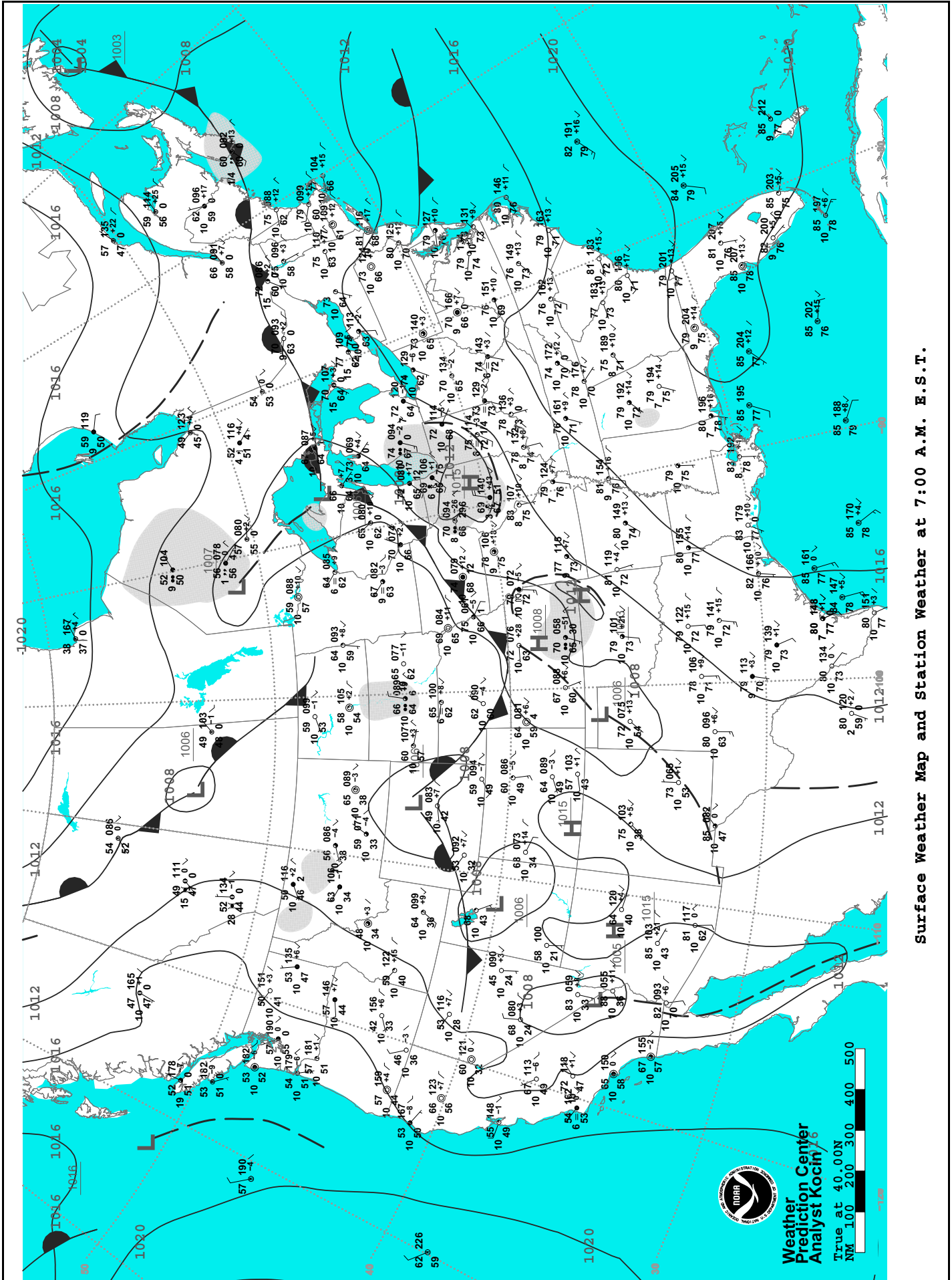
The station model diagram consists of the following elements:

- Wind Direction:** Indicated by a vertical line with a short horizontal bar at the top.
- Wind Speed:** Indicated by the length of the horizontal bar extending from the vertical line. Long Feather = 10 knots; Short Feather = 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 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 circle with a vertical line through it.

MONDAY, JULY 4, 2016



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

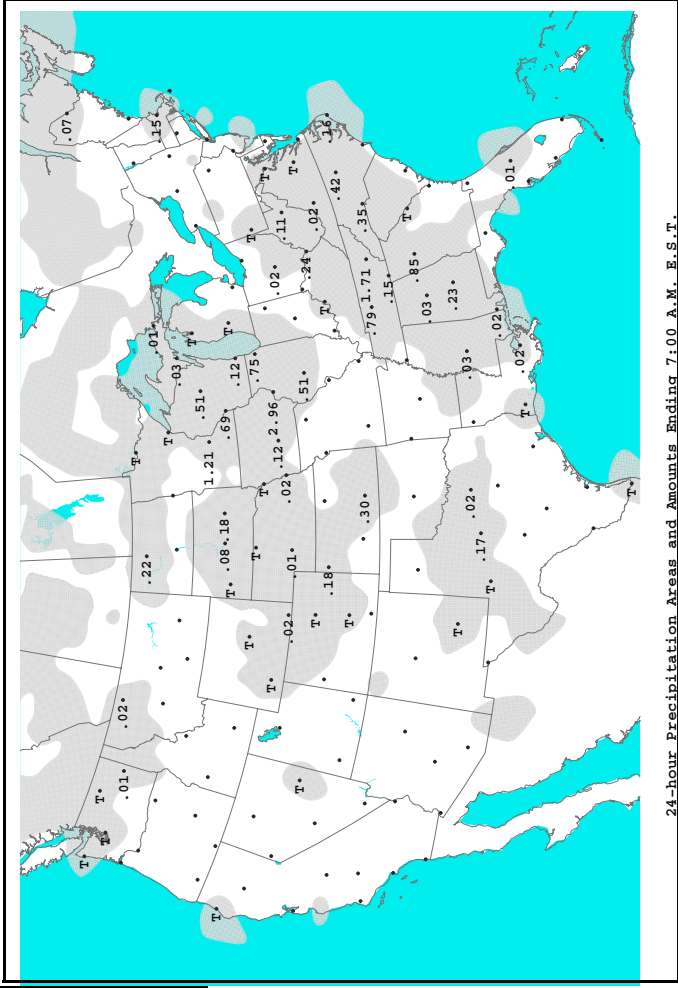
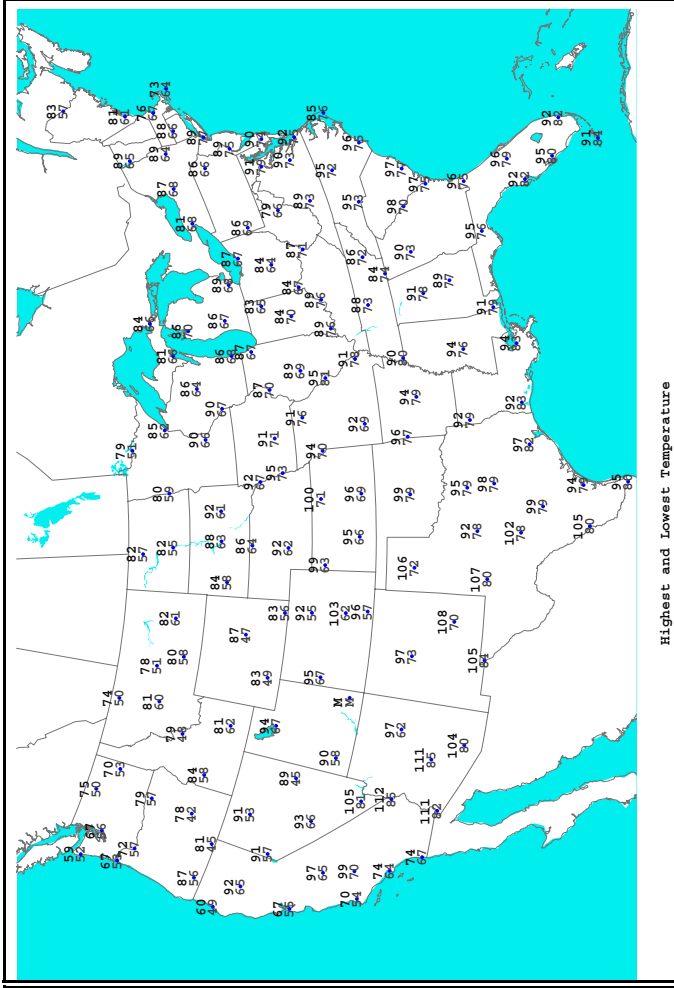
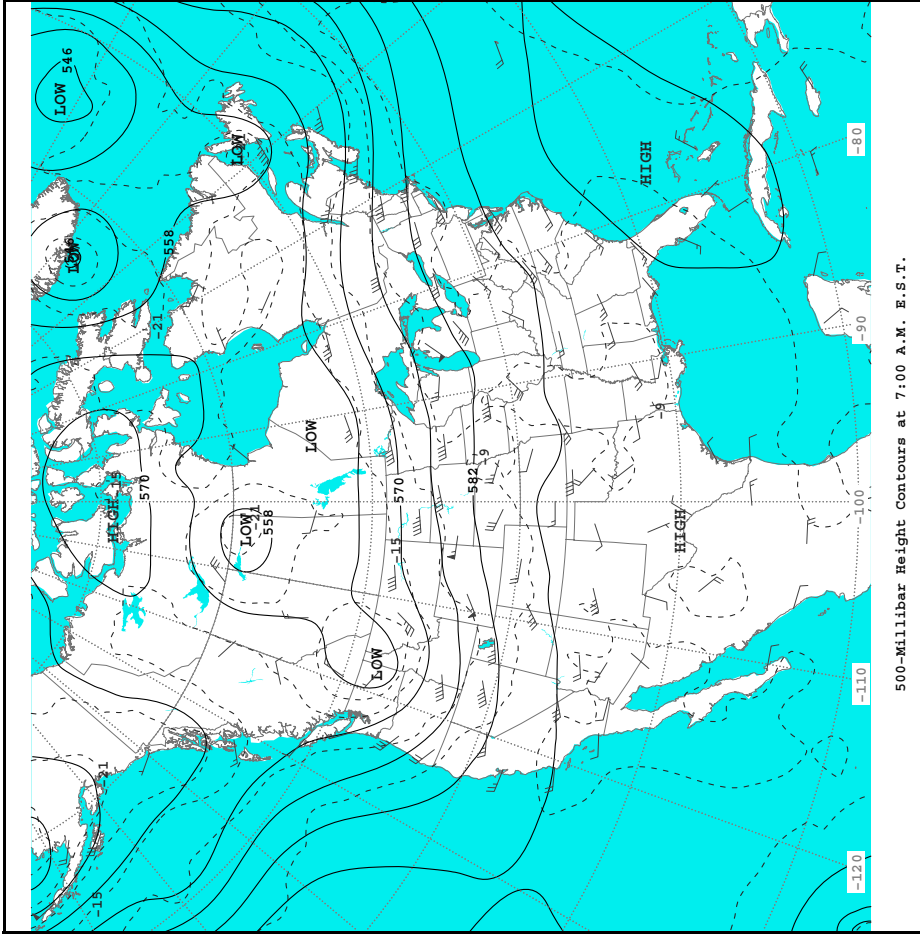


Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.



Weather Prediction Center
Analyst Kocin

True at 40.00N
NW 100 200 300 400 500



Station Model

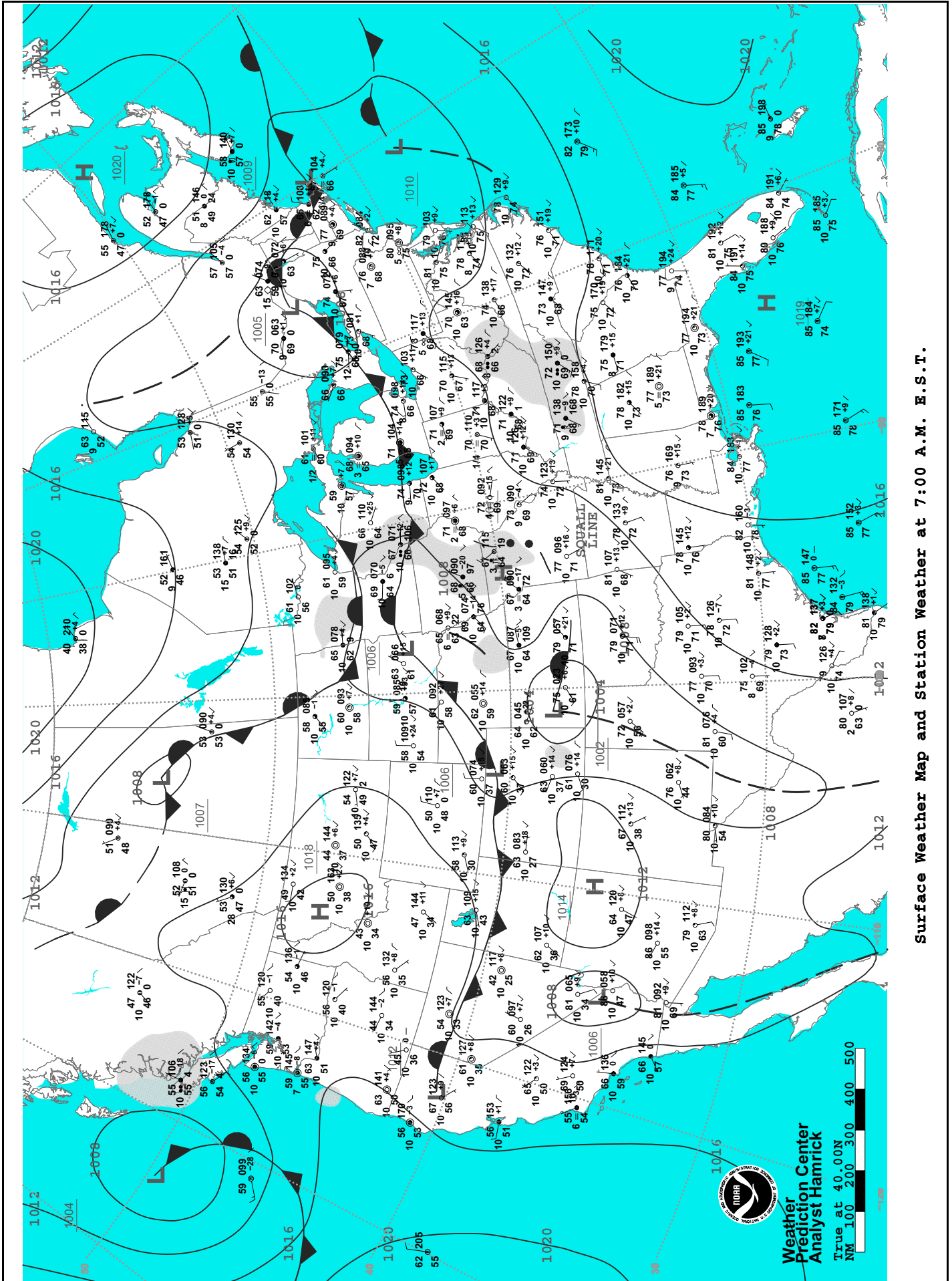
Wind Direction: Wind Speed: Long Feather - 10 knots, Short Feather - 5 knots

Current Temperature (in °F): Current Temperature (in °C): 3-Digit Surface Pressure (in tenths): Ex: 999 = 998.9mb, 012 = 1001.2mb

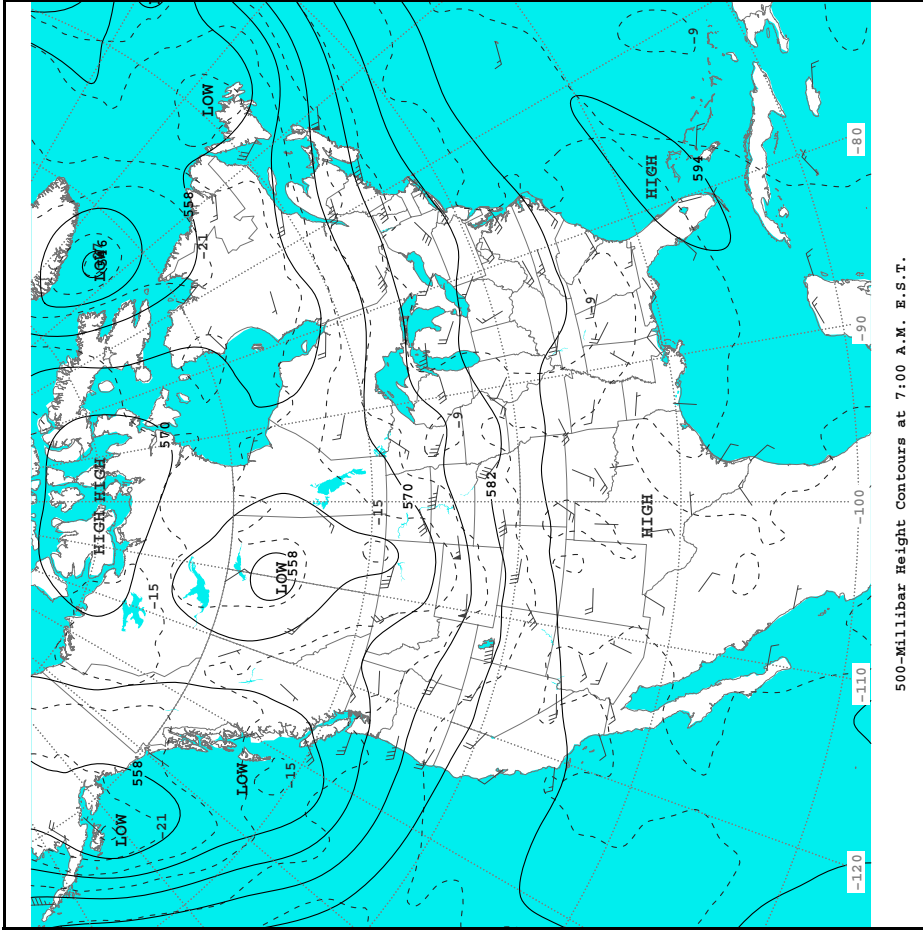
Visibility (in miles): Present Weather Symbol: 3 Hour Pressure Tendency (in tenths): 6 Hour Total Precipitation (in hundredths of an inch):

Dew Point Temperature: Sky Cover:

WEDNESDAY, JULY 6, 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 — **V** — Wind Speed
 Long Feather - 10 knots
 Short Feather - 5 knots

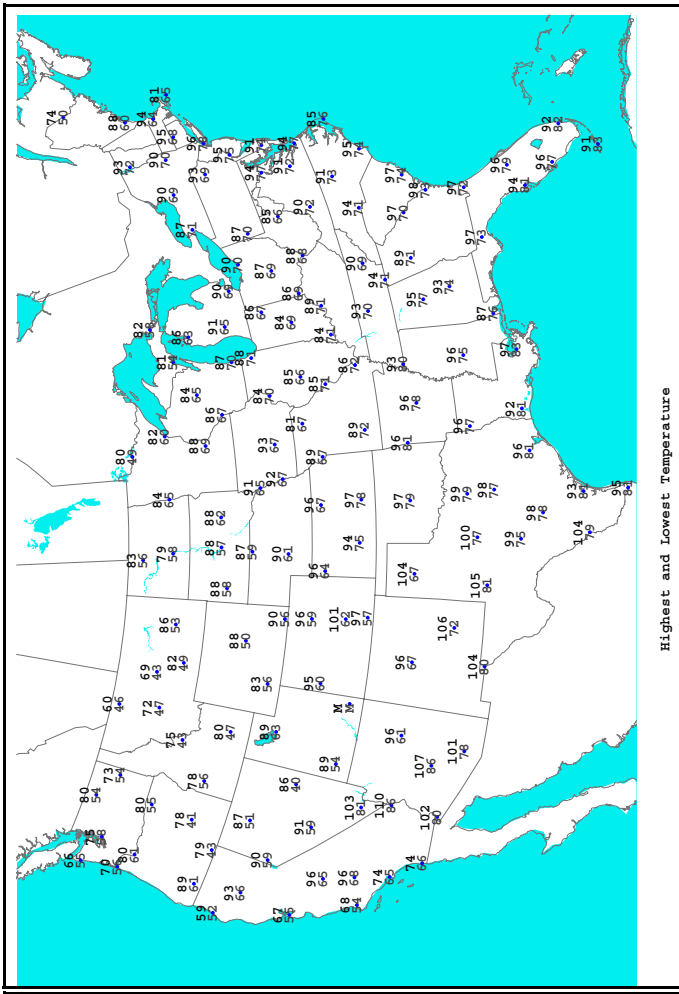
Current Temperature (in °F) — **dd** — ft

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

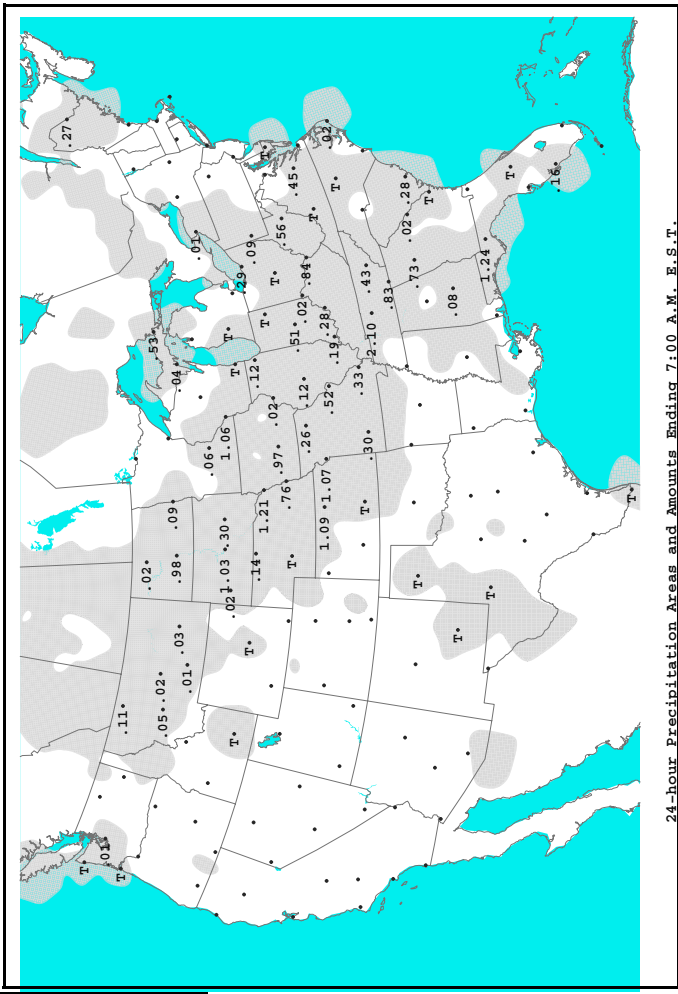
Present Weather Symbol — **PP** — 3 Hour Pressure Tendency (in tenths)

Dew Point Temperature — **TT** — 6 Hour Total Precipitation (in hundredths of an inch)

— **RR** — Sky Cover

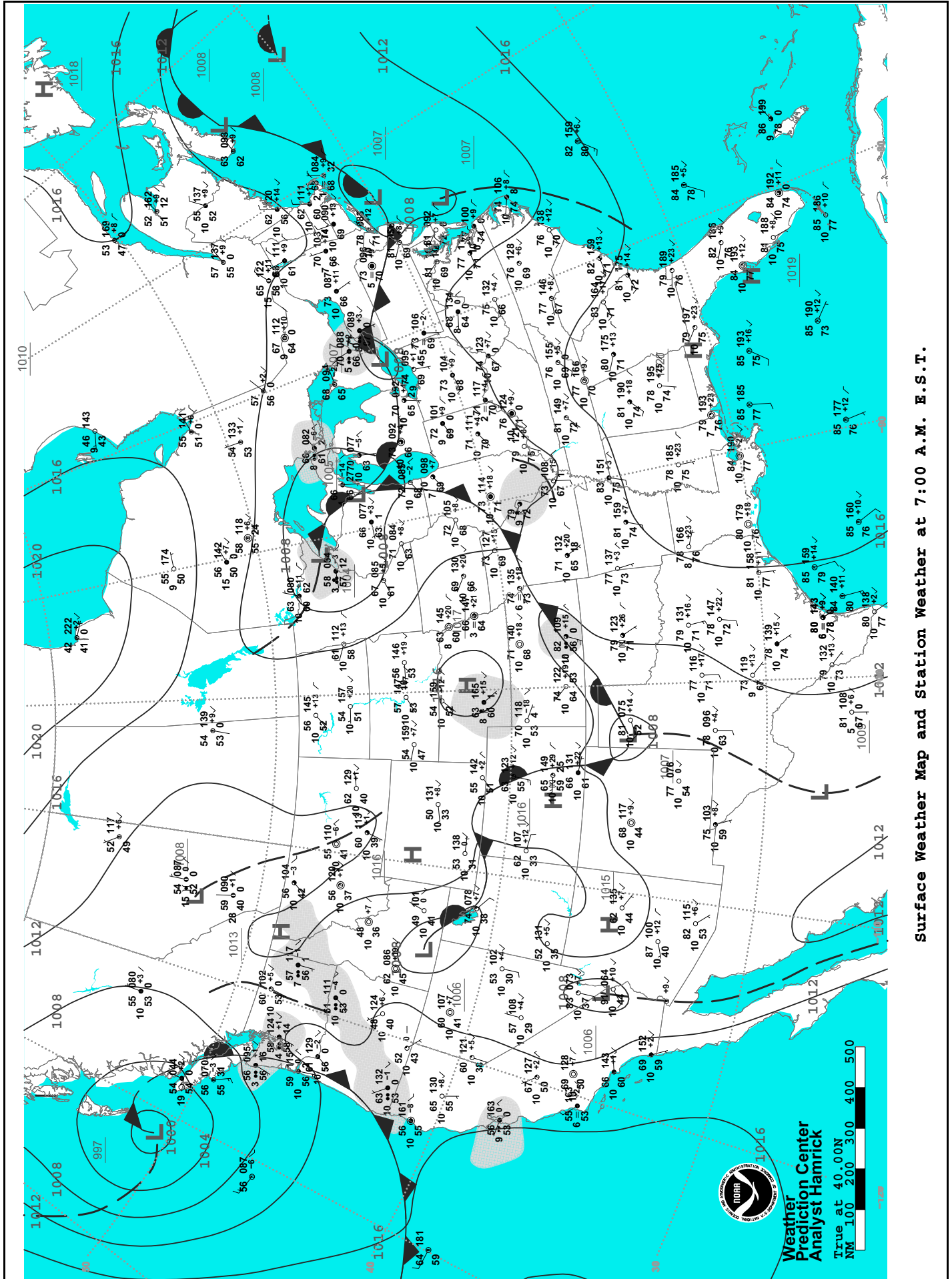


Highest and Lowest Temperature



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

THURSDAY, JULY 7, 2016

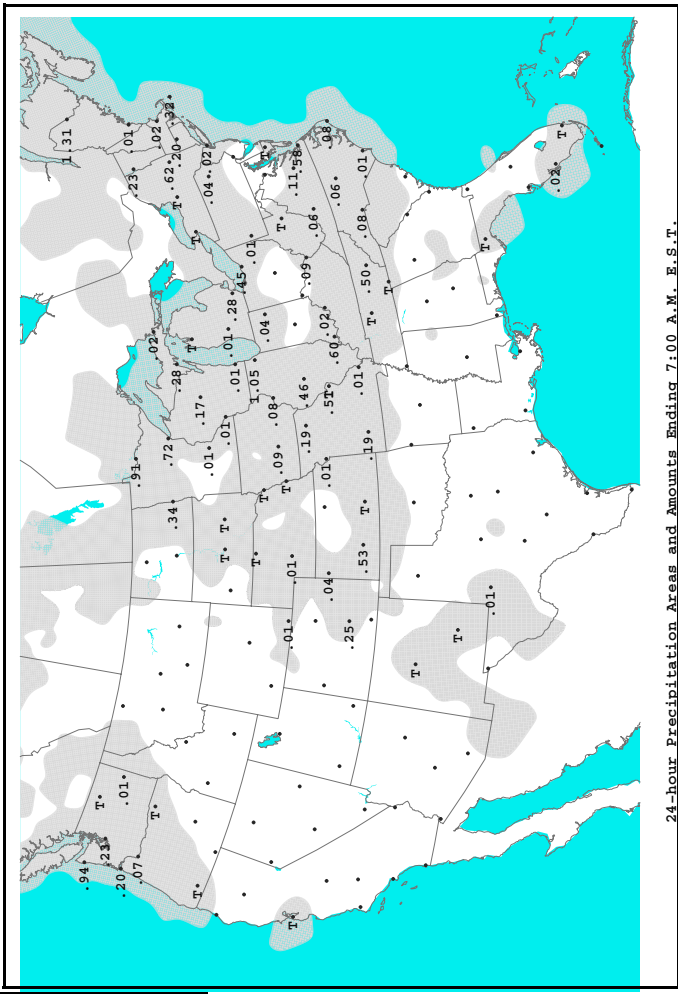
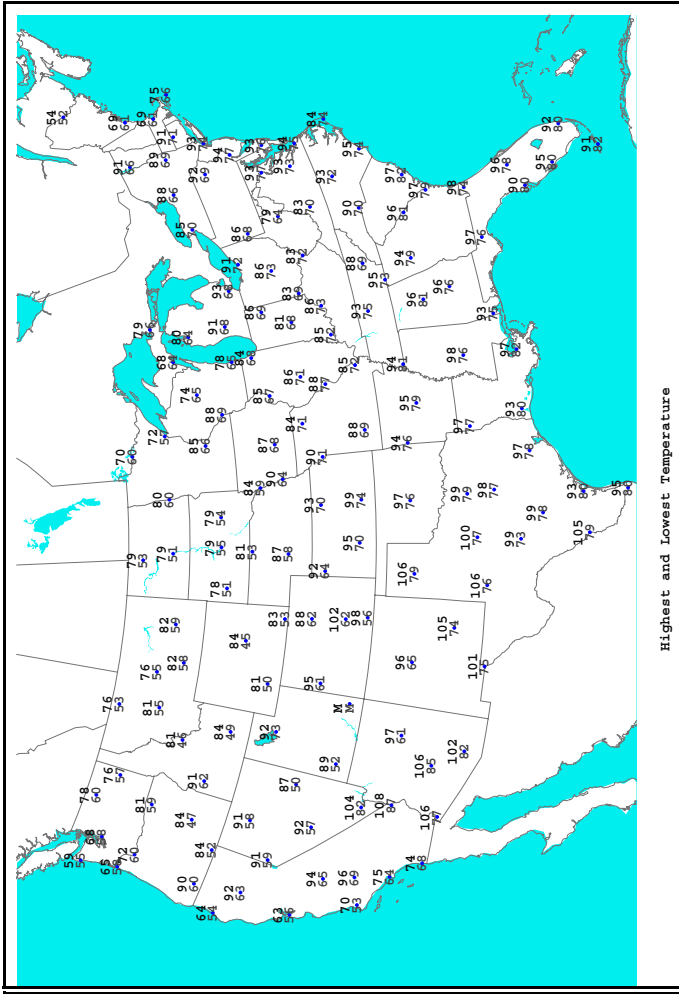
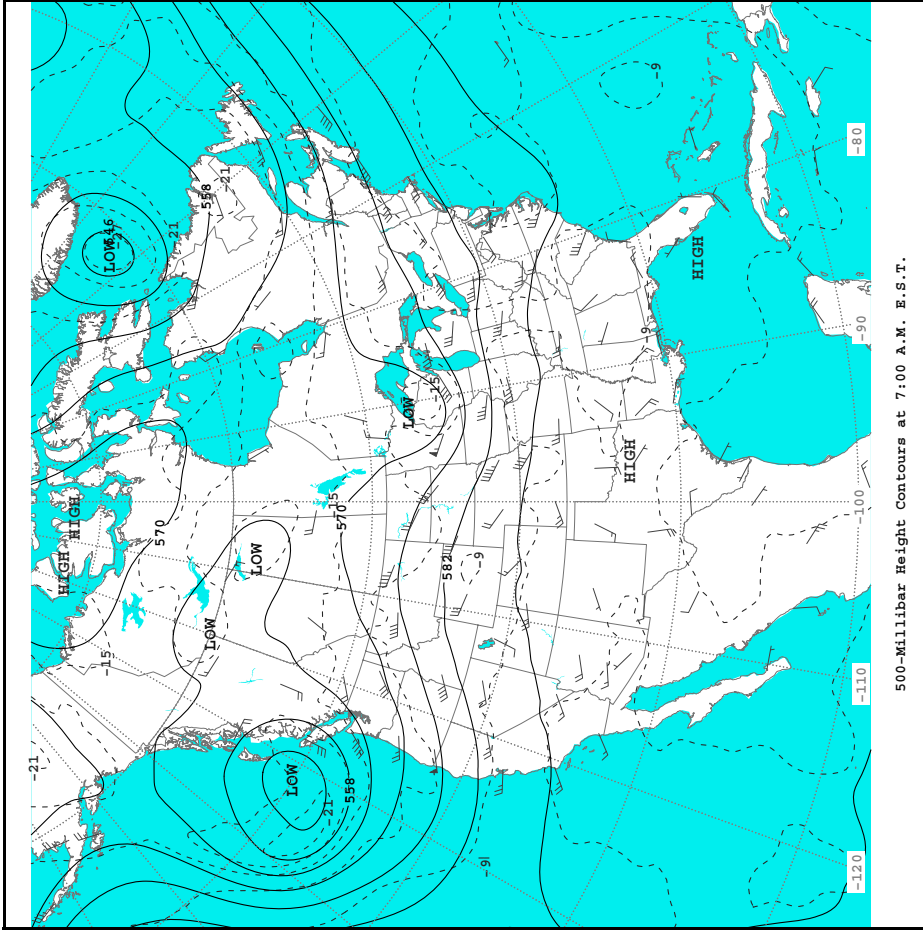


Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.



Weather Prediction Center
Analyst Hamrick

True at 40.00N
NM 100 200 300 400 500

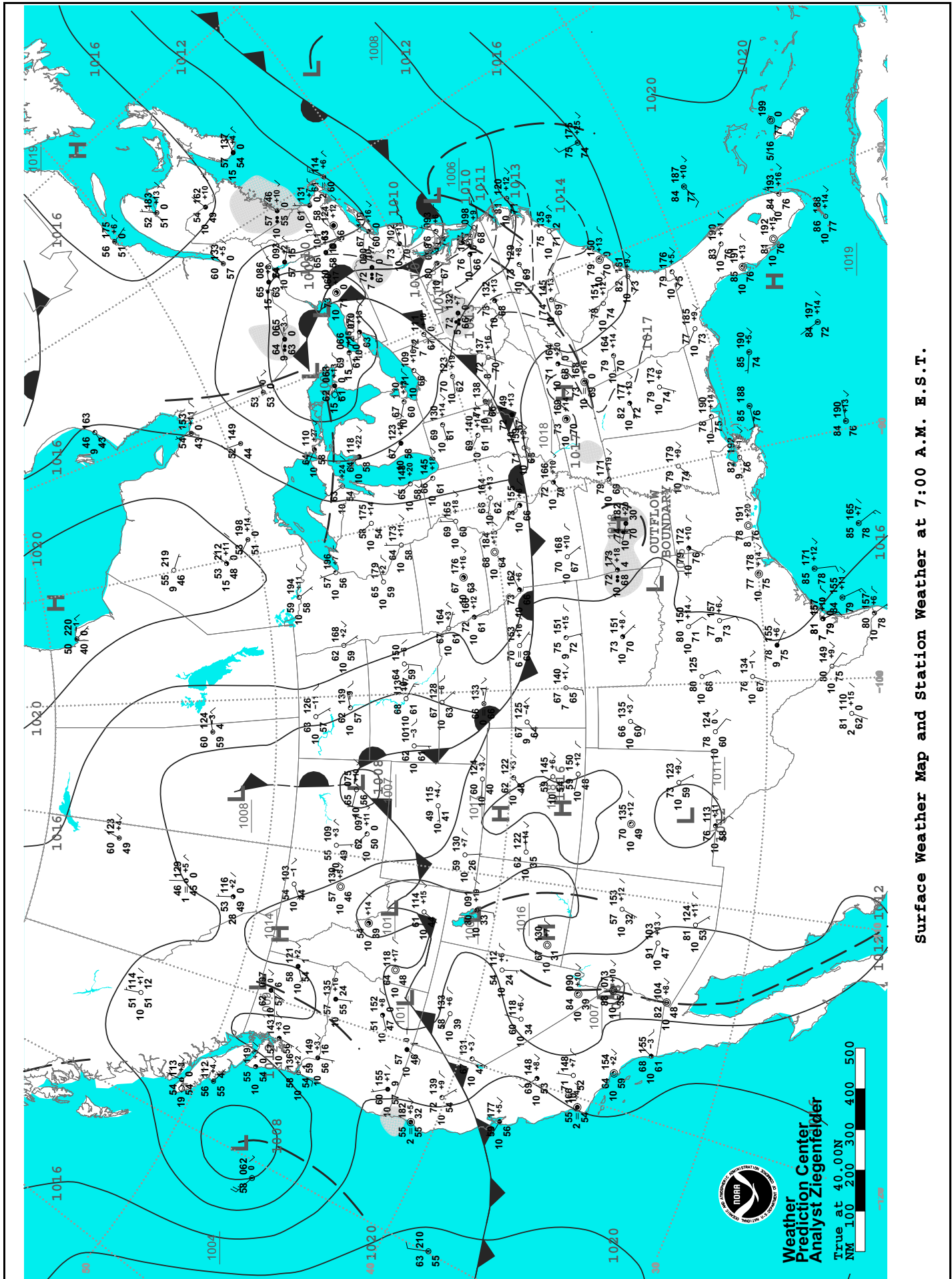


Station Model

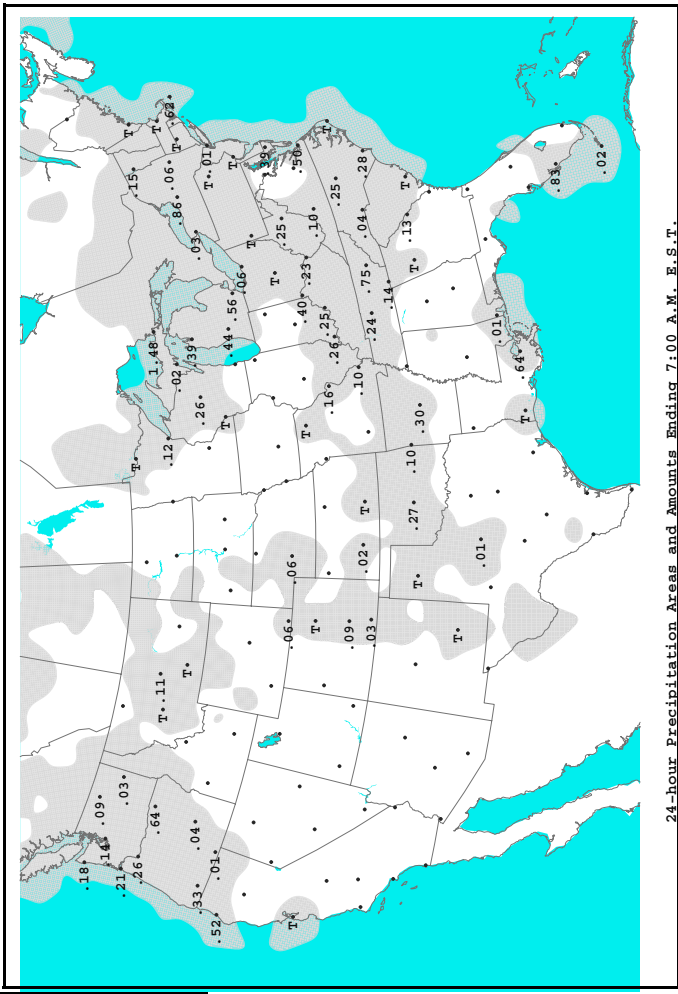
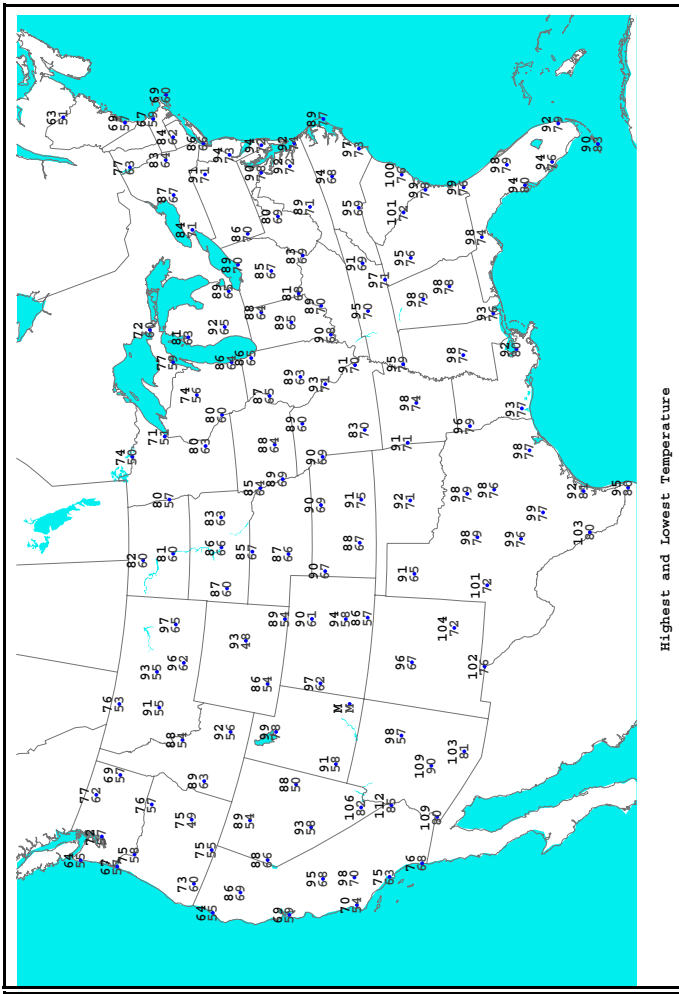
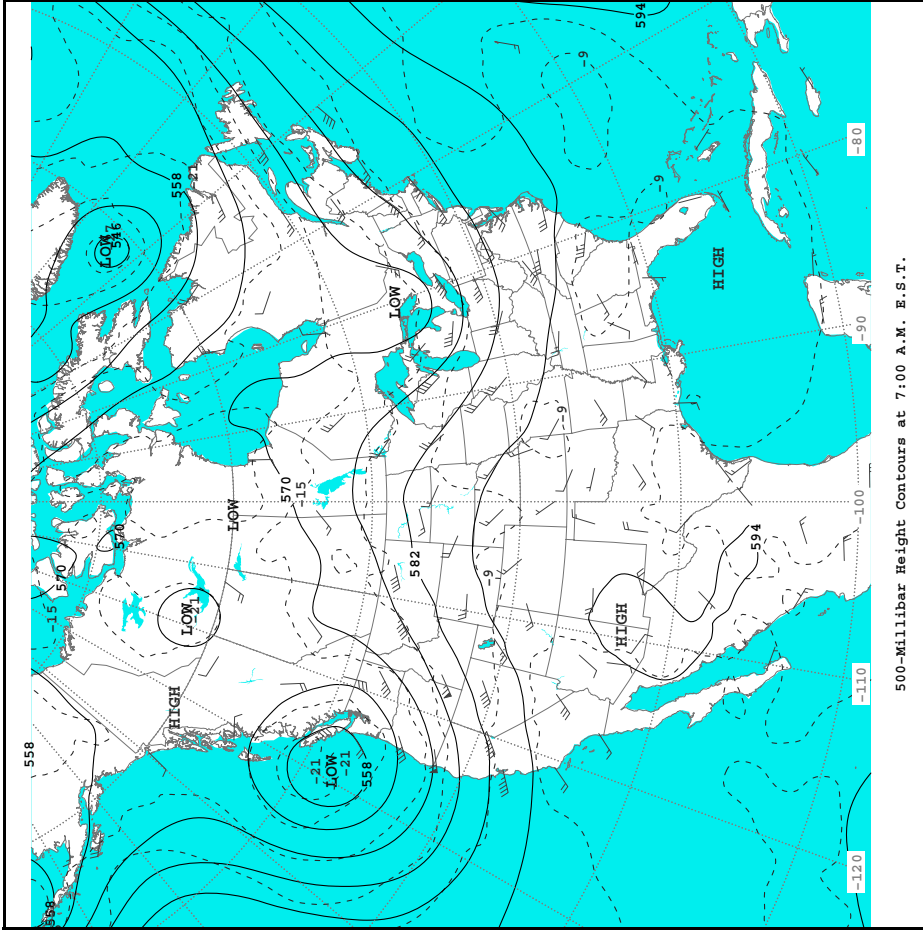
The station model diagram consists of the following elements:

- Wind Direction:** Indicated by the number of degrees (e.g., 090 for easterly).
- 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 'dd'.
- Visibility (in miles):** Indicated by the number 'V'.
- Present Weather Symbol:** Indicated by the symbol 'PPP'.
- Dew Point Temperature:** Indicated by the number 'TT'.
- 3-Digit Surface Pressure:** Indicated by the number 'PPP'.
- 3 Hour Pressure Tendency:** 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'.

FRIDAY, JULY 8, 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

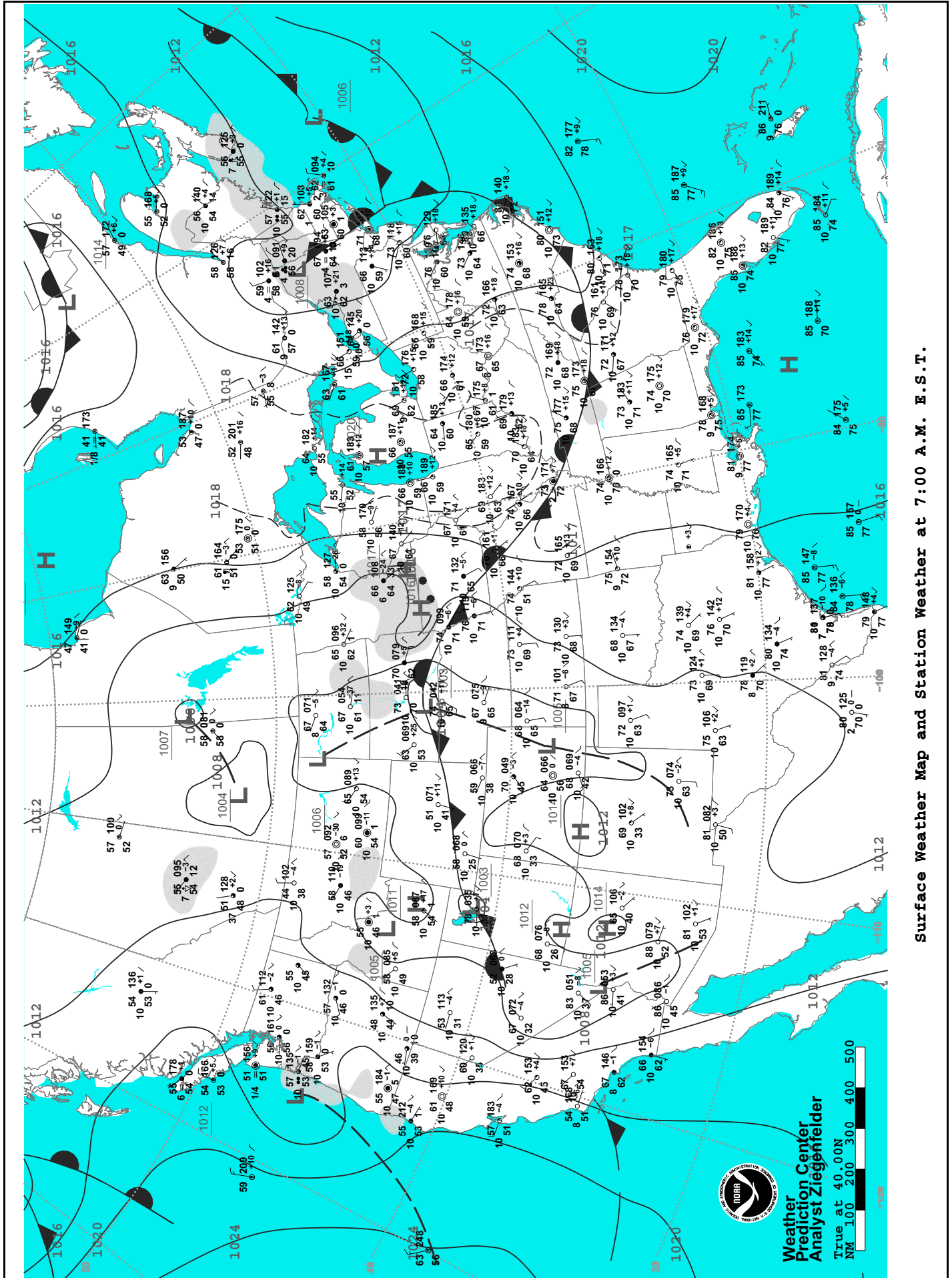
Current Temperature (in °F): Current Temperature (in °C):

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

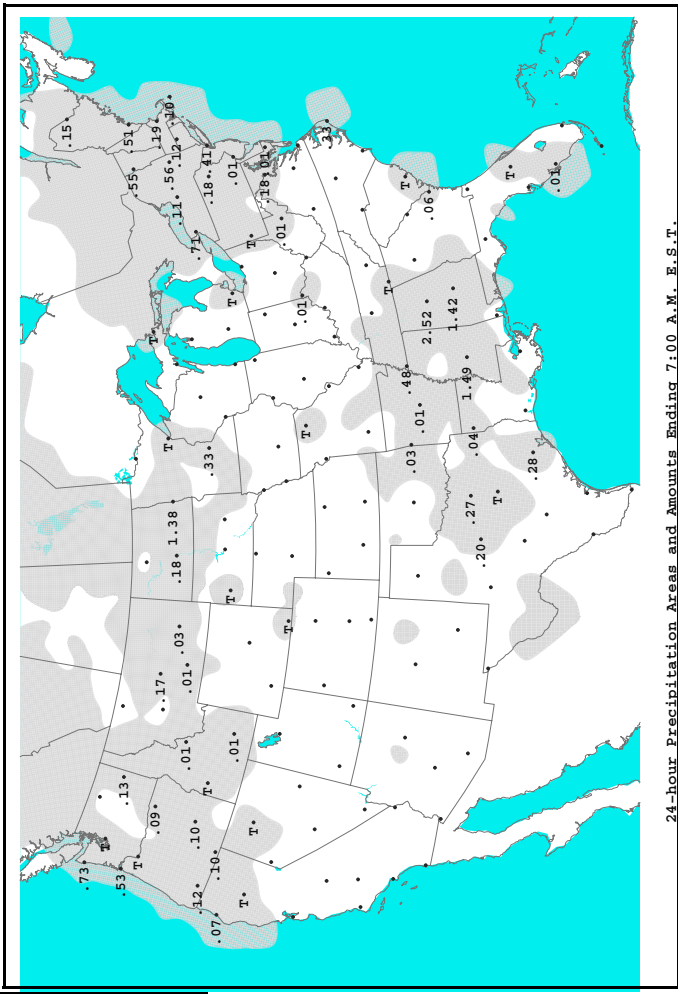
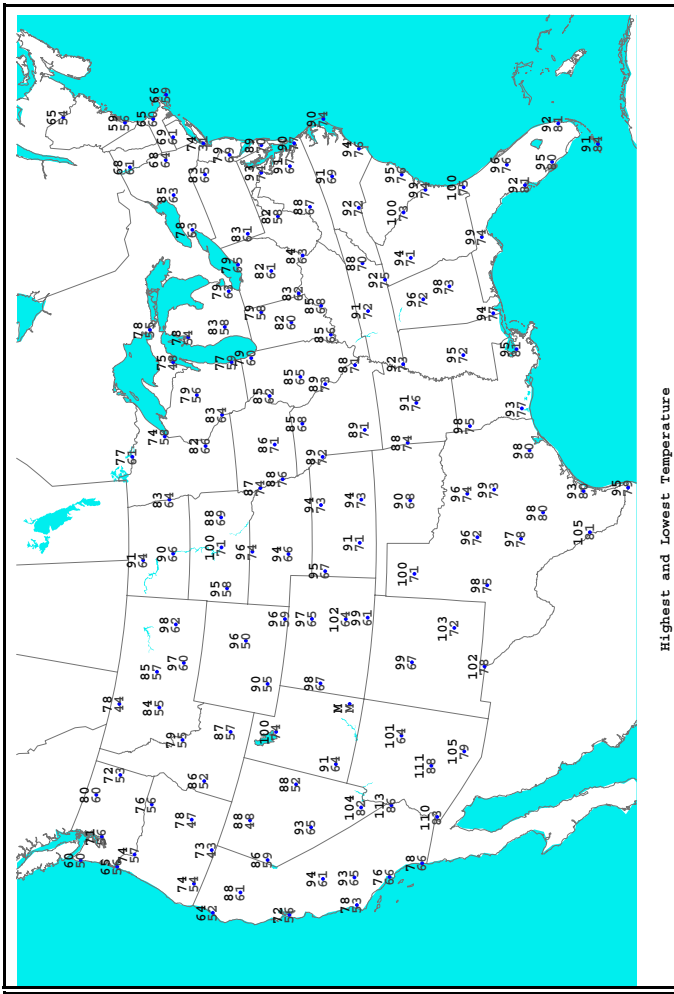
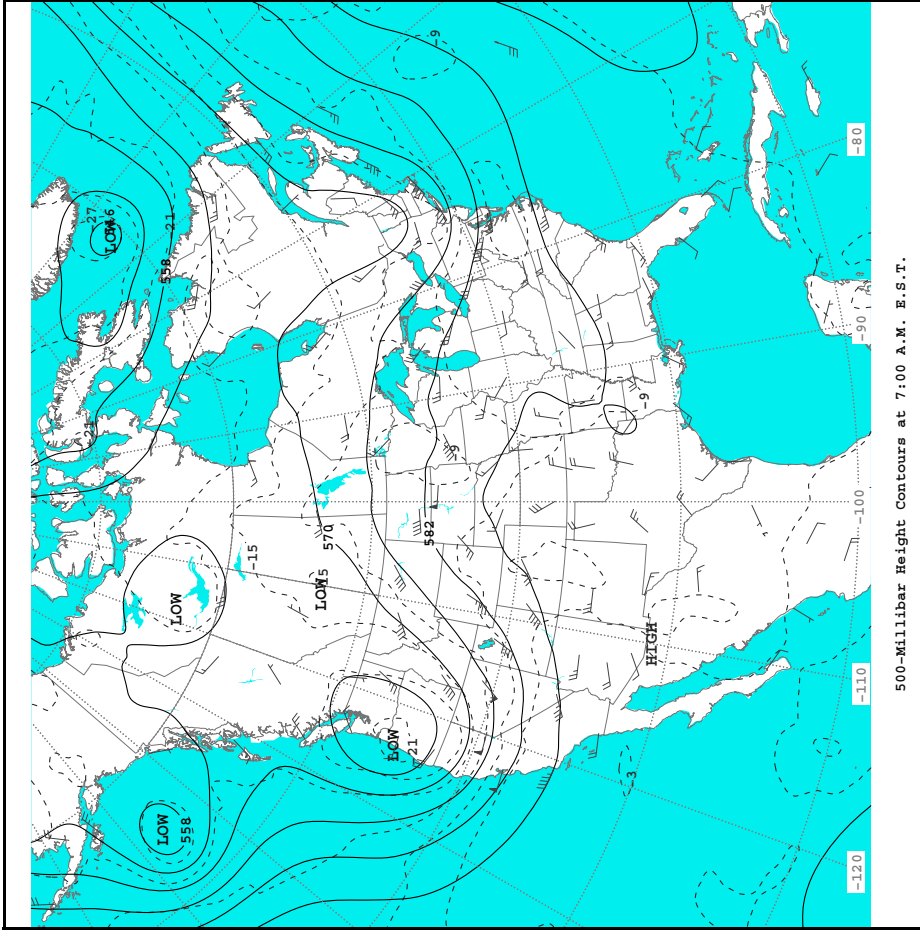
Present Weather Symbol: 3 Hour Pressure Tendency (in tenths): Ex: 012 = 1001.2mb

Dew Point Temperature: 6 Hour Total Precipitation (in hundredths of an inch): Sky_Cover:

SATURDAY, JULY 9, 2016



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



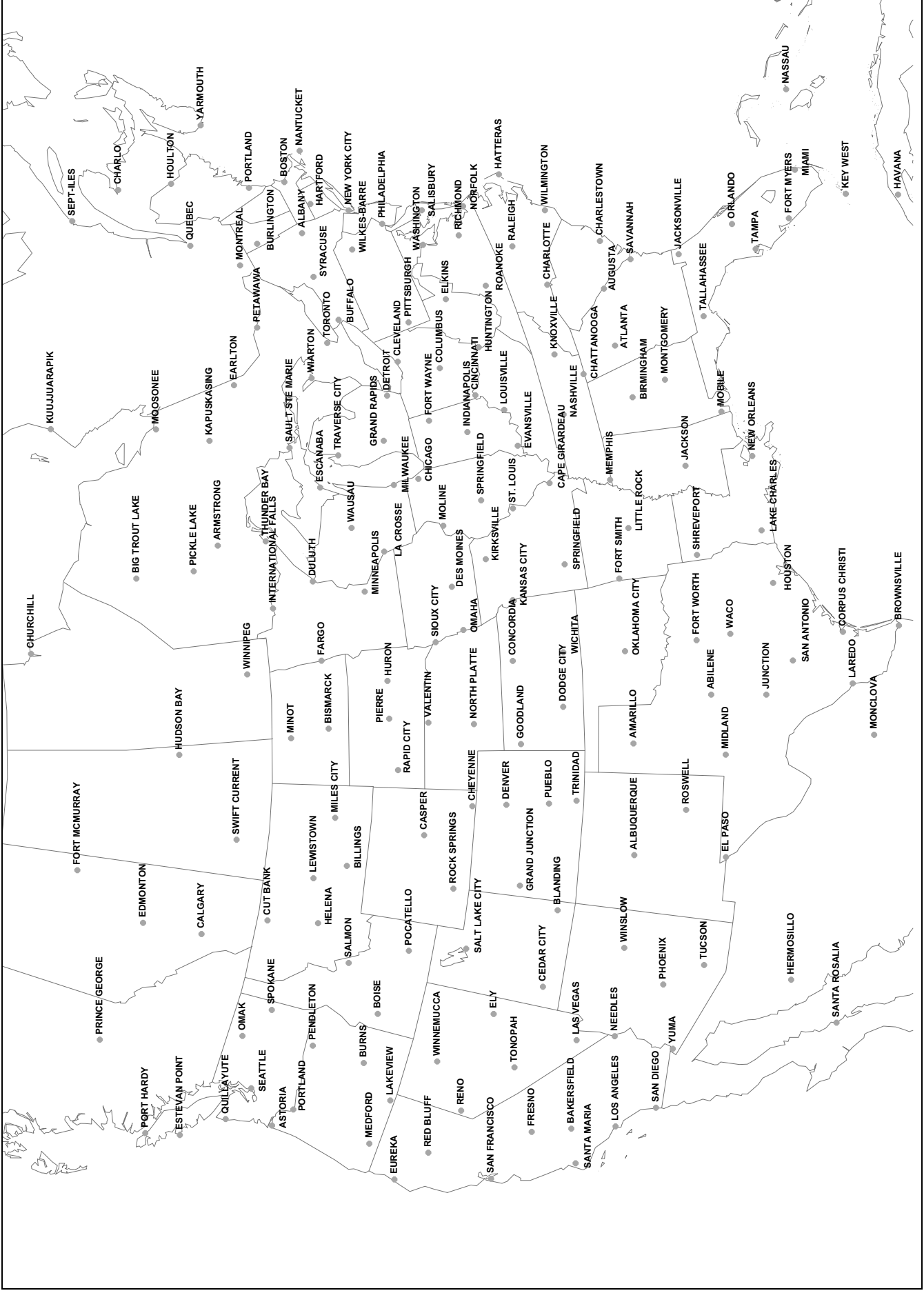
Station Model

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

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

Present Weather Symbol ——— PP a ——— 3 Hour Pressure Tendency (in tenths)
 Dew Point Temperature ——— TD ——— RR ——— 6 Hour Total Precipitation (in hundredths of an inch)
 Sky Cover ——— Sky_Cover

SUNDAY, JULY 10, 2016



Daily Weather Map Station Names and Locations