



Daily Weather Maps

SEPTEMBER 28, 2015 - OCTOBER 4, 2015

Week 40

The following charts are the principal 28 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.

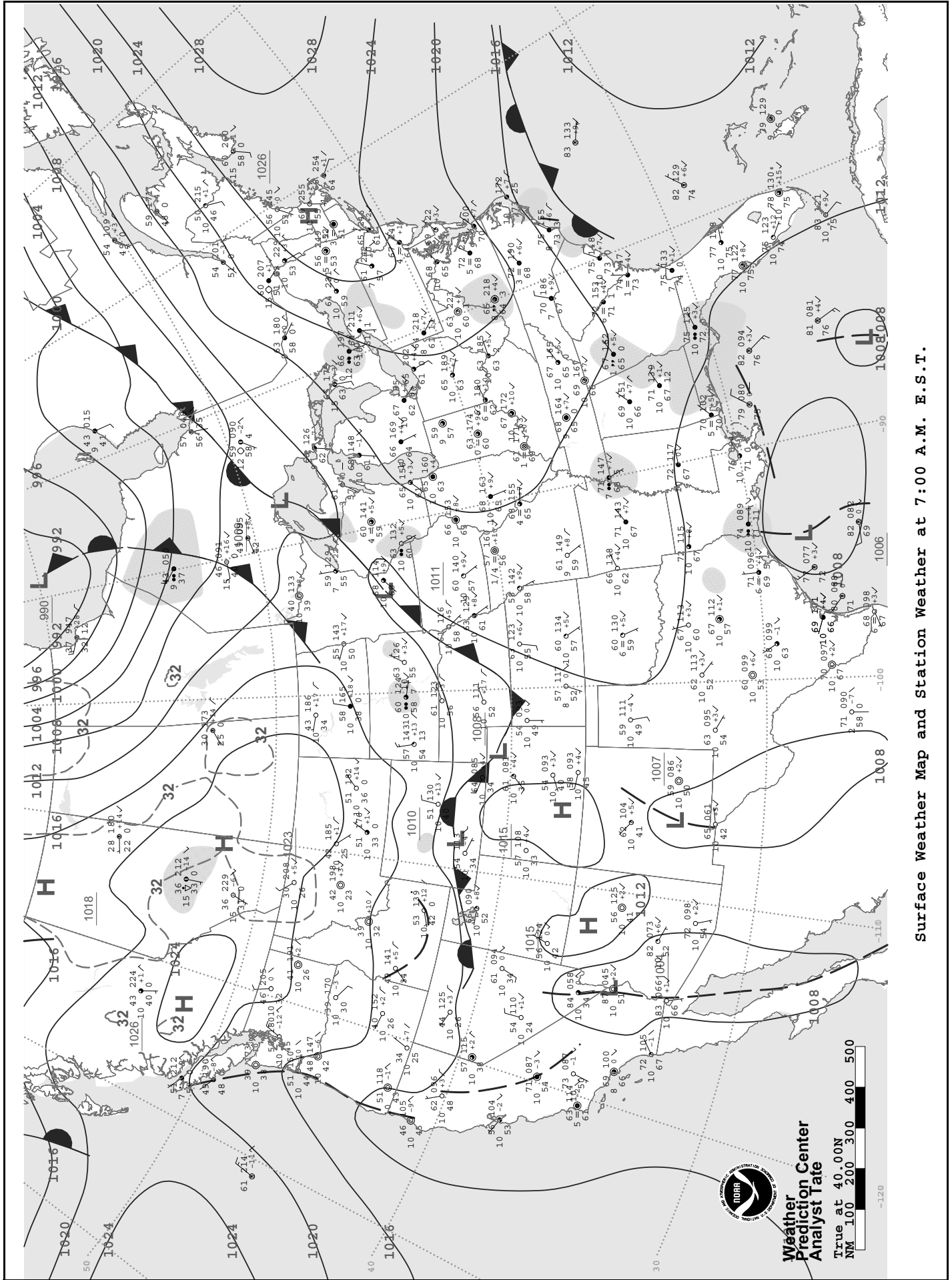
The Precipitation Areas and Amounts chart shows areas (shaded) that had precipitation during the 24 hours ending at 7:00 a.m. EST, with amounts to the nearest hundredth of an inch. "T" indicates a trace of precipitation.

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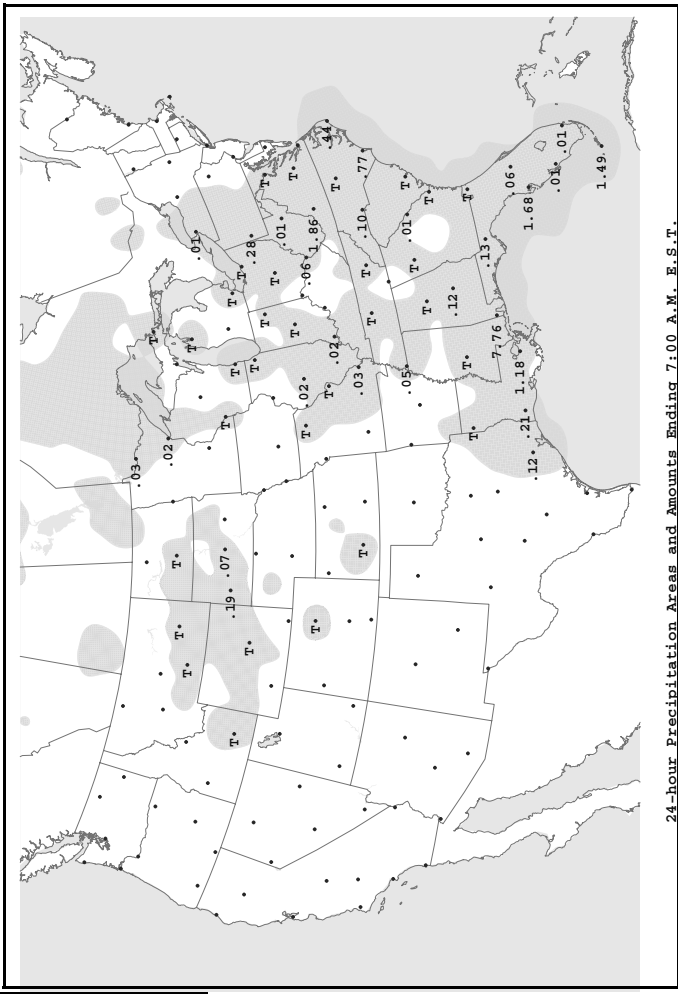
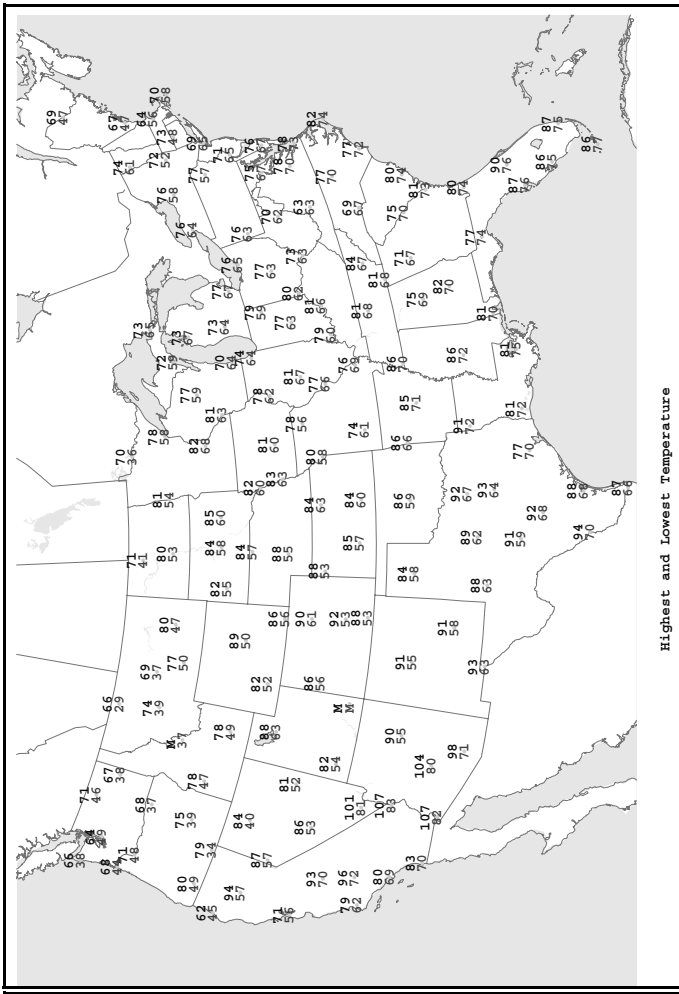
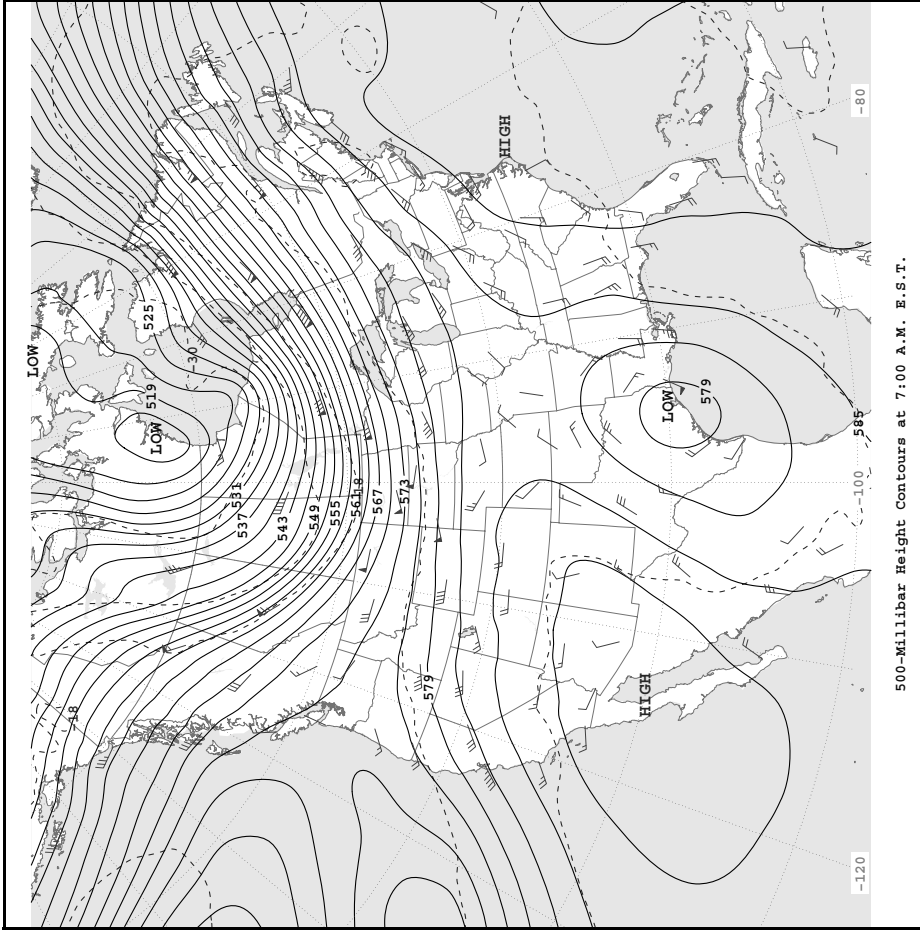
Correspondence to the meteorologists should be directed to: *Daily Weather Map*, NOAA/National Weather Service, Room 4640, 5830 University Research Court, College Park, MD 20740.

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.



Station Model

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

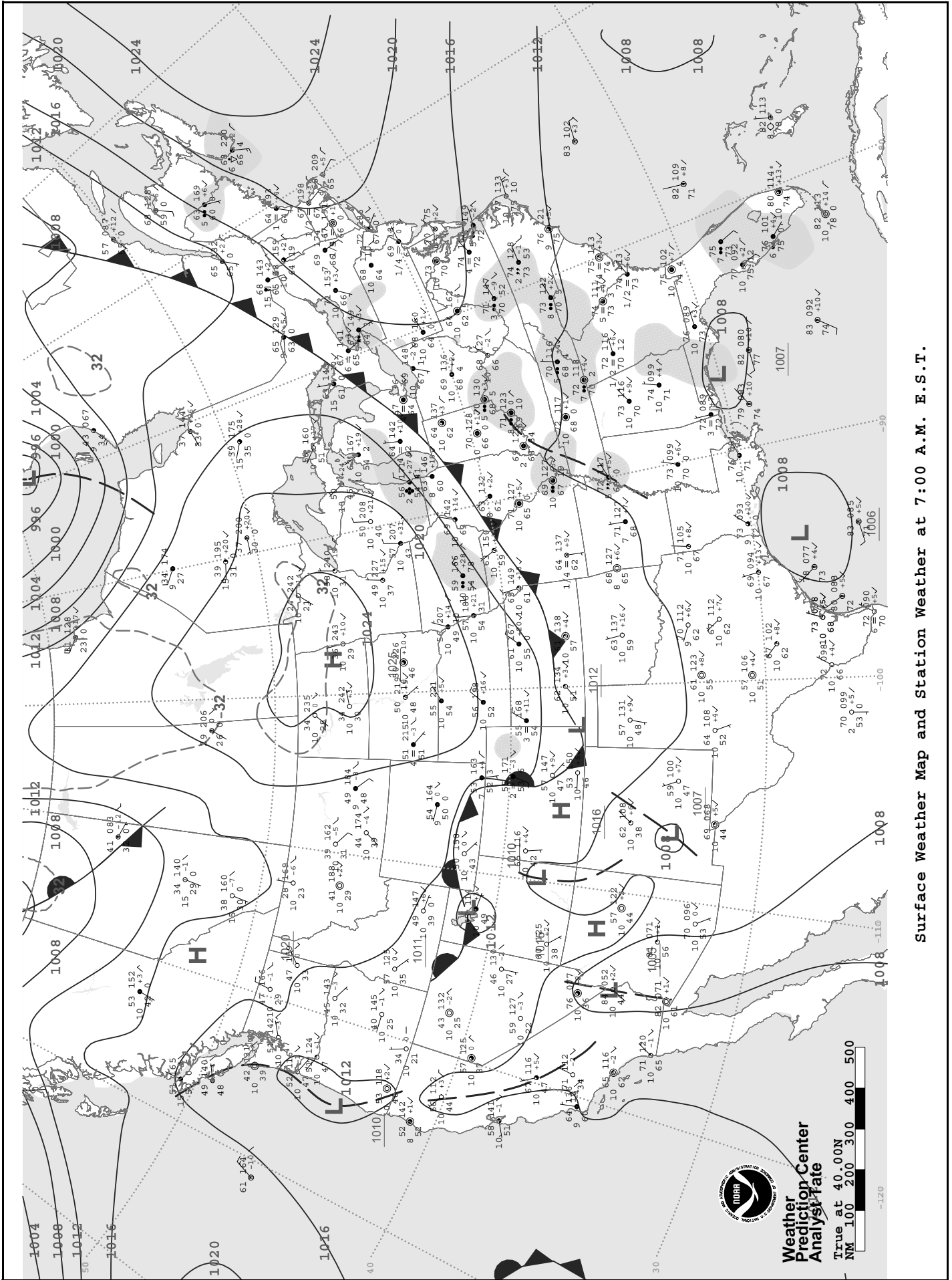
Current Temperature (in °F): **FF** — 3-Digit Surface Pressure (in tenths). Ex: 989 = 998.9mb, 012 = 1001.2mb

Visibility (in miles): **TT** — Present Weather Symbol: **PP** — 3 Hour Pressure Tendency (in tenths)

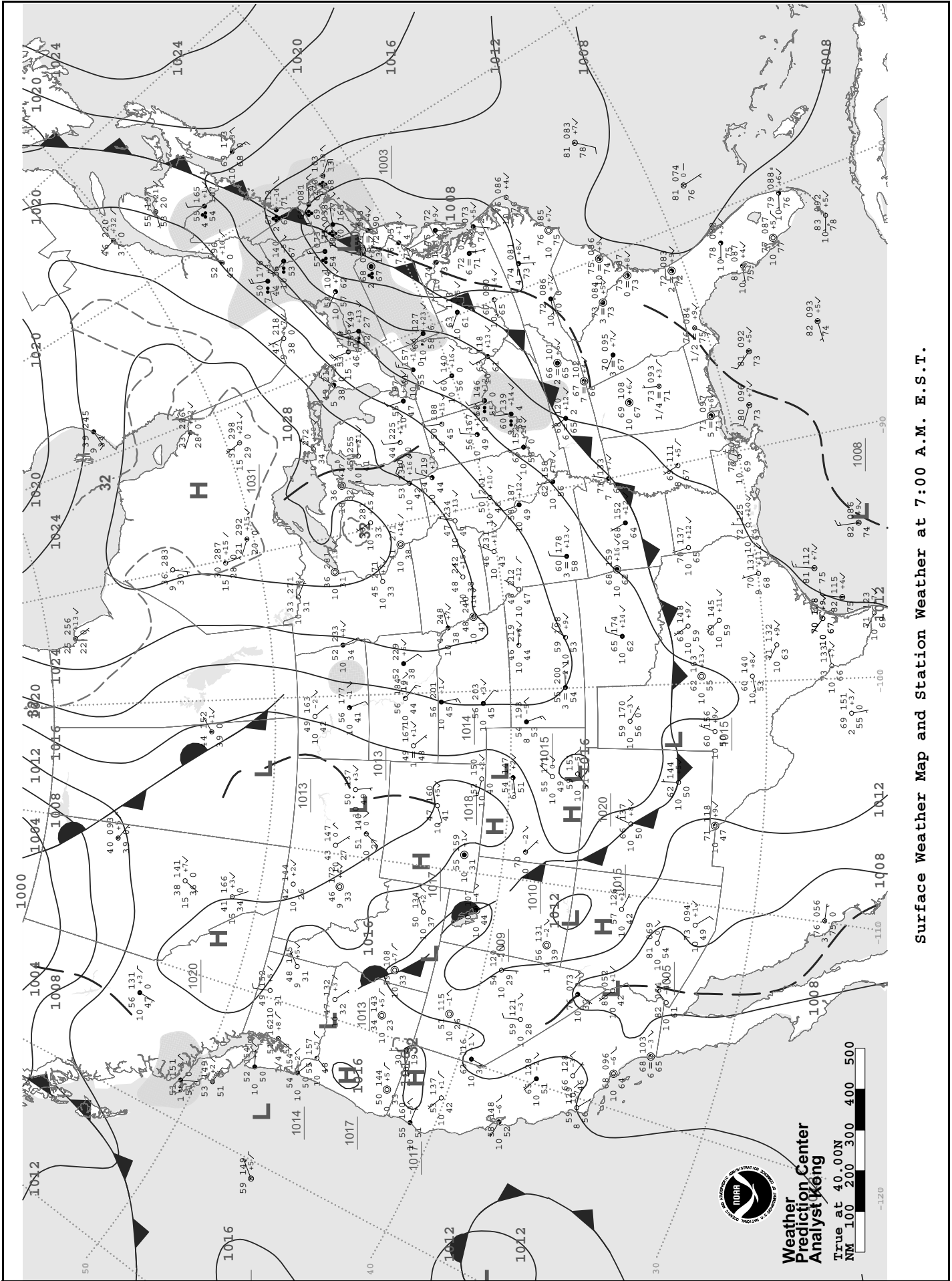
Dew Point Temperature: **V** — 6 Hour Total Precipitation (in hundredths of an inch)

Sky Cover: **PP a** — **RR**

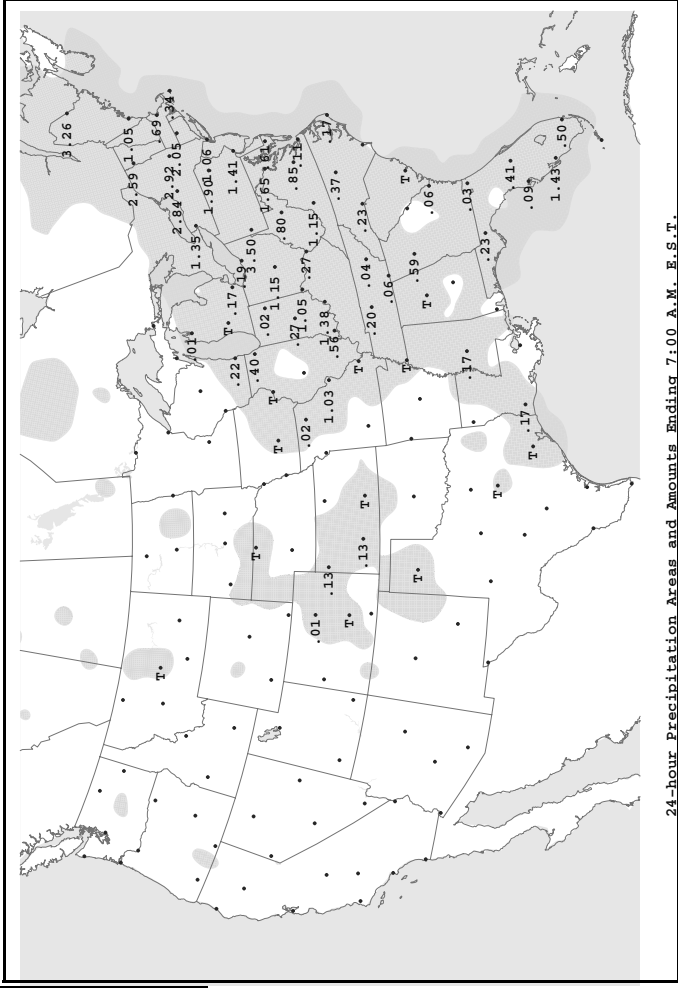
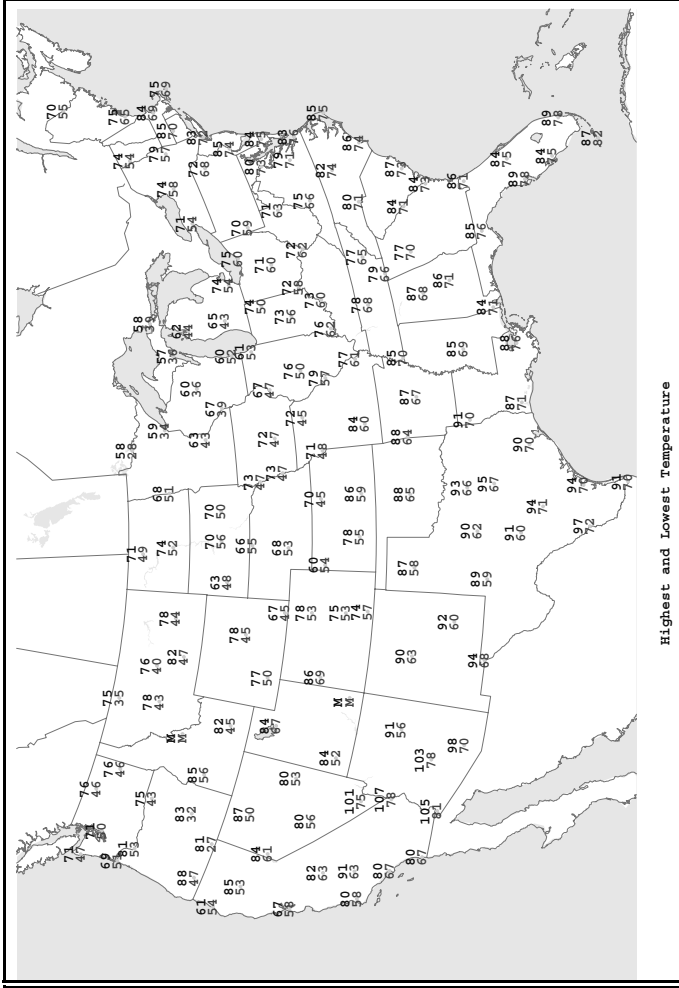
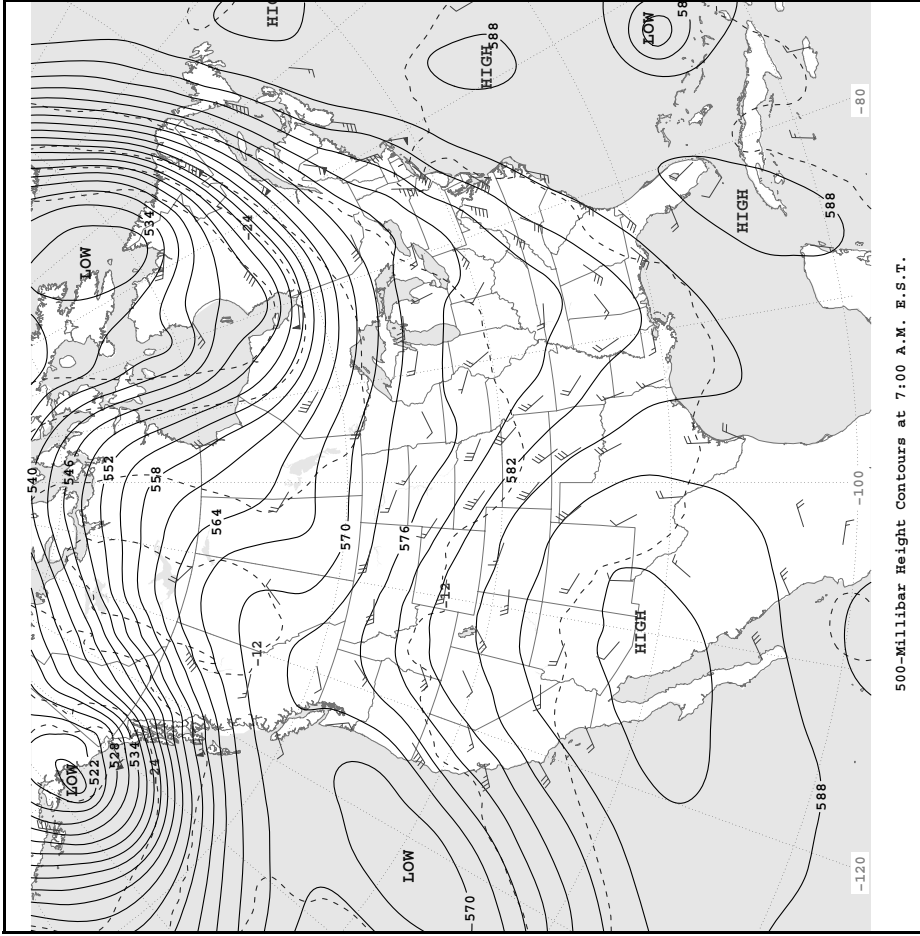
MONDAY, SEPTEMBER 28, 2015



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.

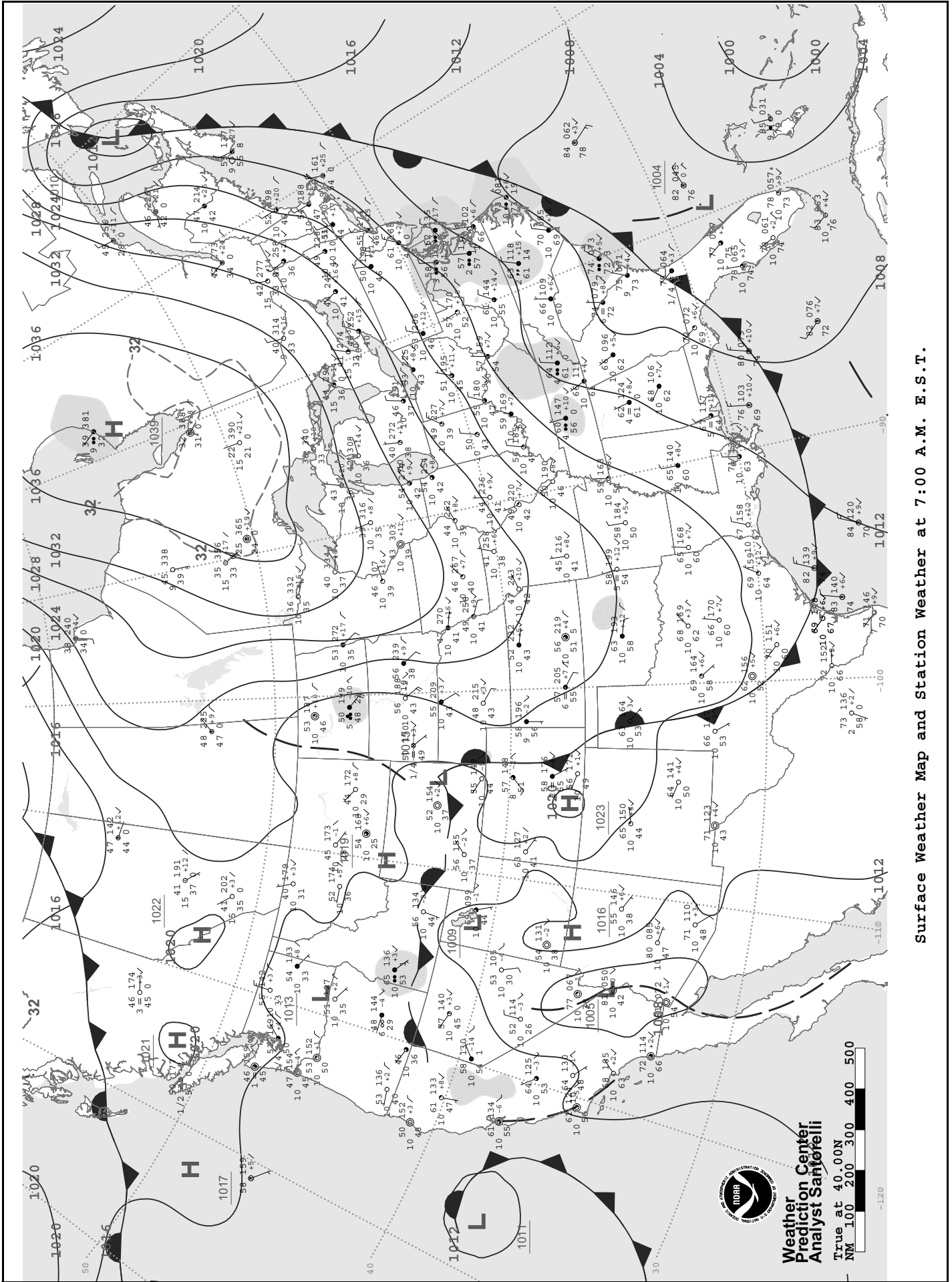


Station Model

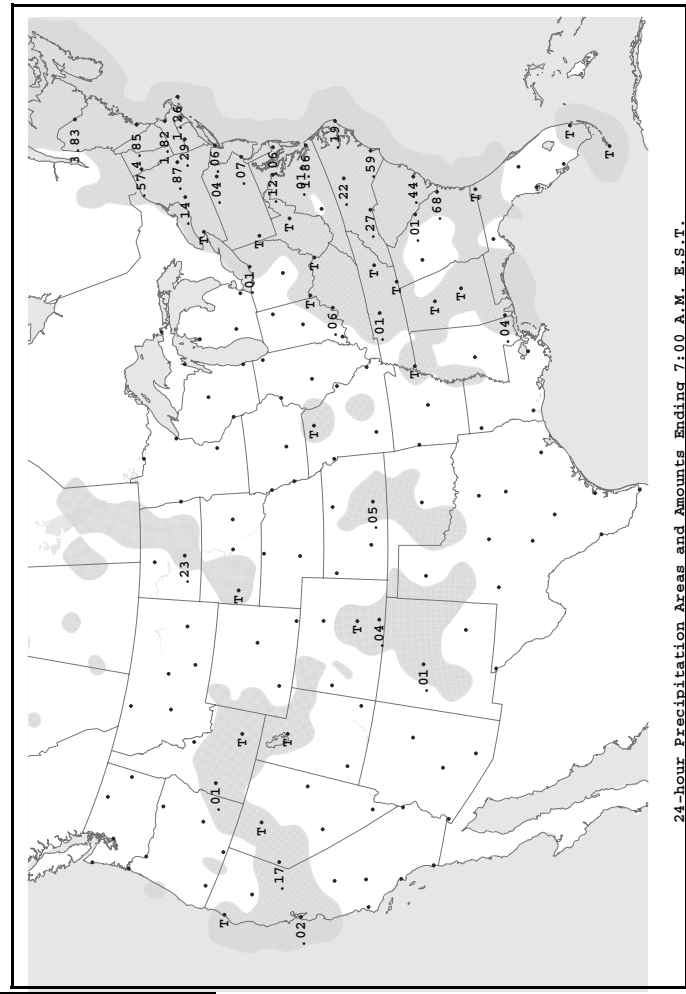
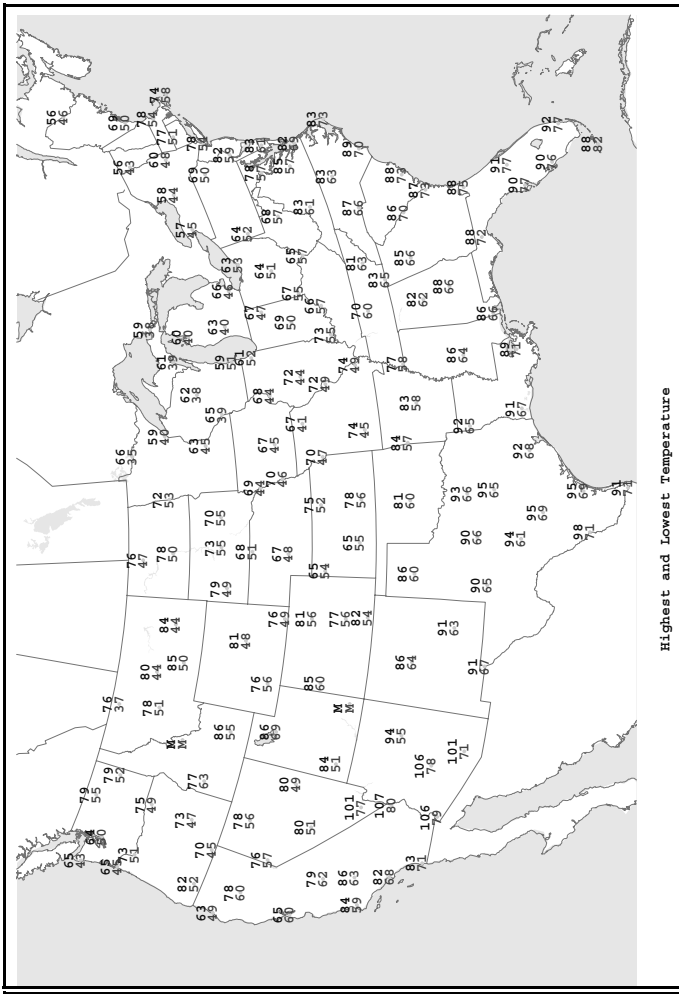
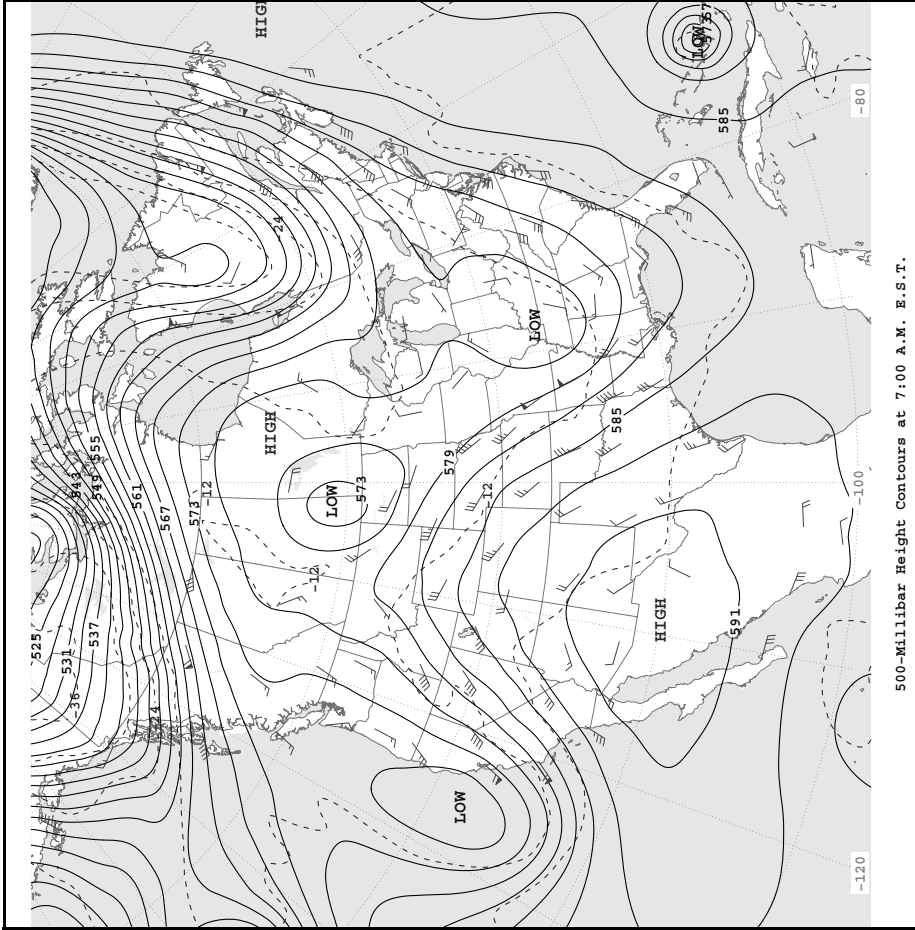
The station model diagram includes the following components:

- 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:** A circle containing a symbol for the current weather condition.
- Dew Point Temperature:** Indicated by the number 'TT'.
- 3-Digit Surface Pressure (in tenths):** Indicated by the number 'PPP'.
- 3 Hour Pressure Tendency (in tenths):** Indicated by the number 'PP a'.
- 6 Hour Total Precipitation (in hundredths of an inch):** Indicated by the number 'ff'.
- Sky Cover:** Indicated by the number 'RR'.

WEDNESDAY, SEPTEMBER 30, 2015



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**

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

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

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

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

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

Sky Cover: **—**

Present Weather Symbol: **●**

Dew Point Temperature: **TT**

Sky Cover: **—**

Visibility (in miles): **V**

Wind Direction: **ff**

Wind Speed: **ff**

Current Temperature (in °F): **dd**

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**

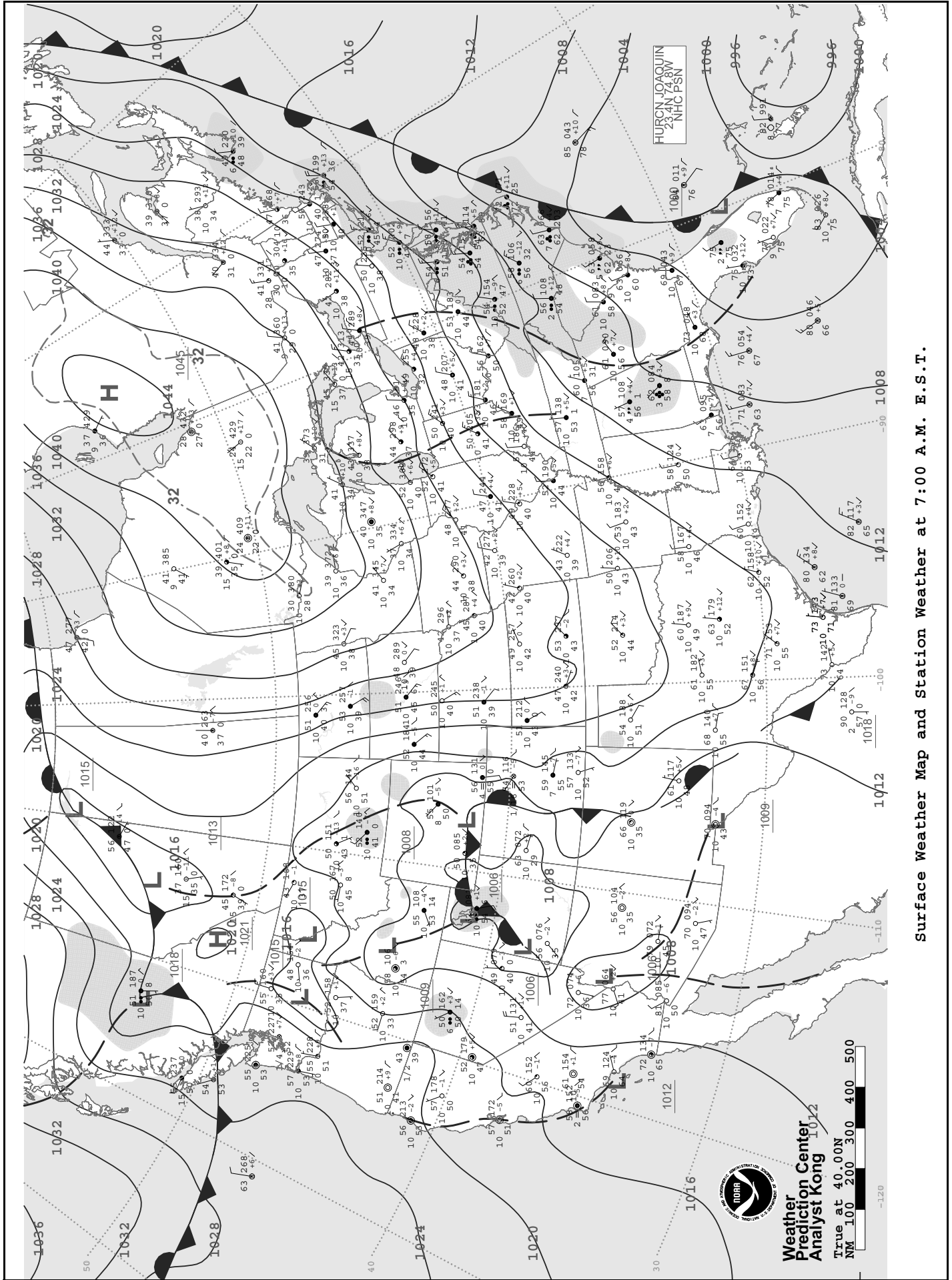
Sky Cover: **—**

Present Weather Symbol: **●**

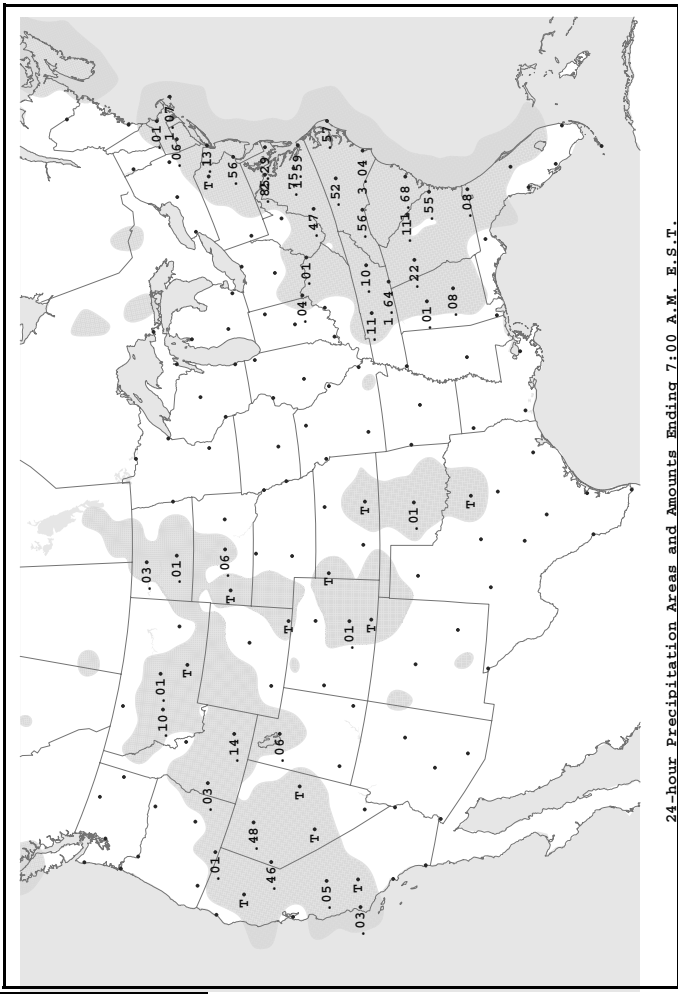
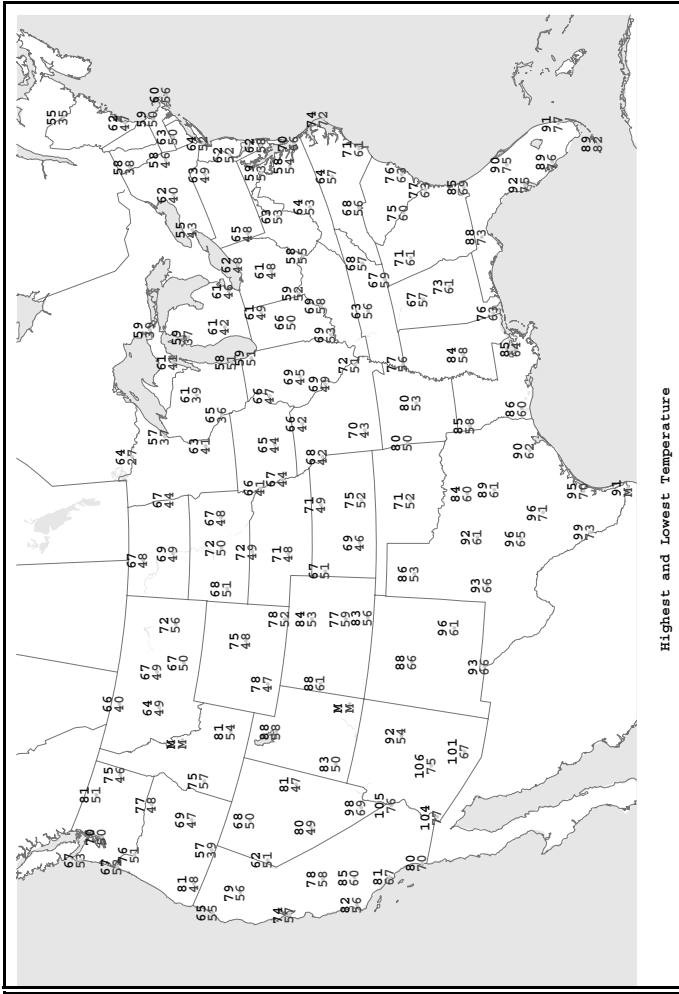
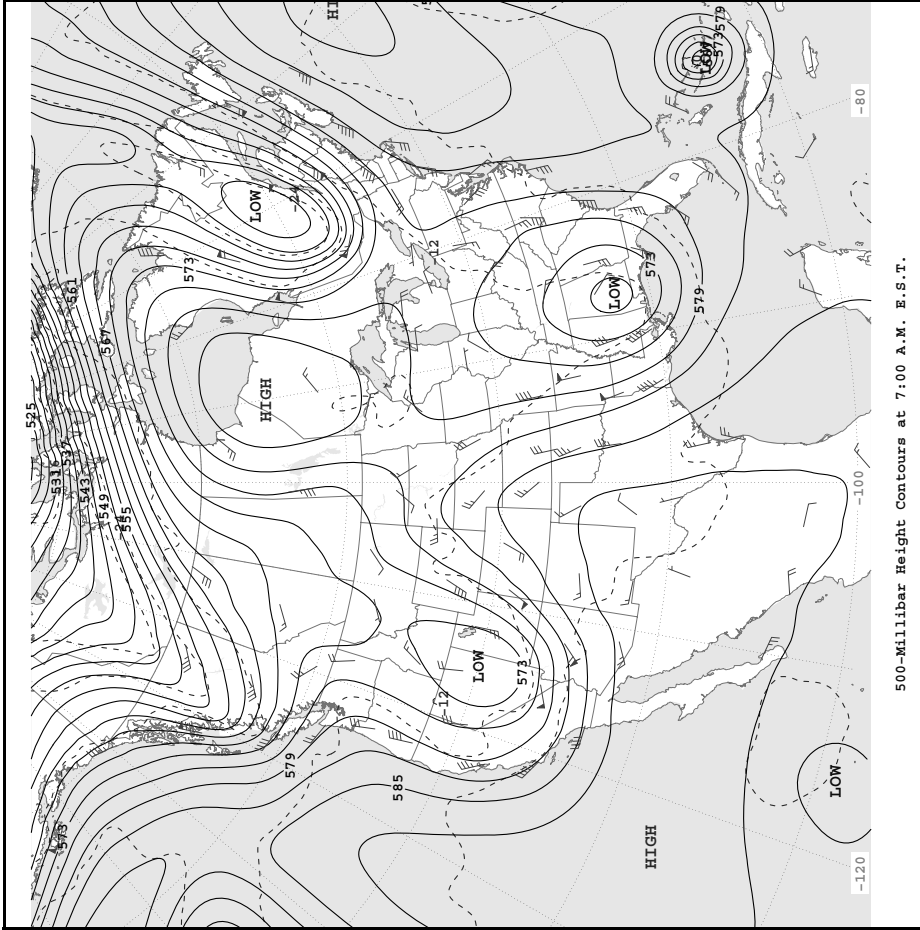
Dew Point Temperature: **TT**

Visibility (in miles): **V**

THURSDAY, OCTOBER 1, 2015



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

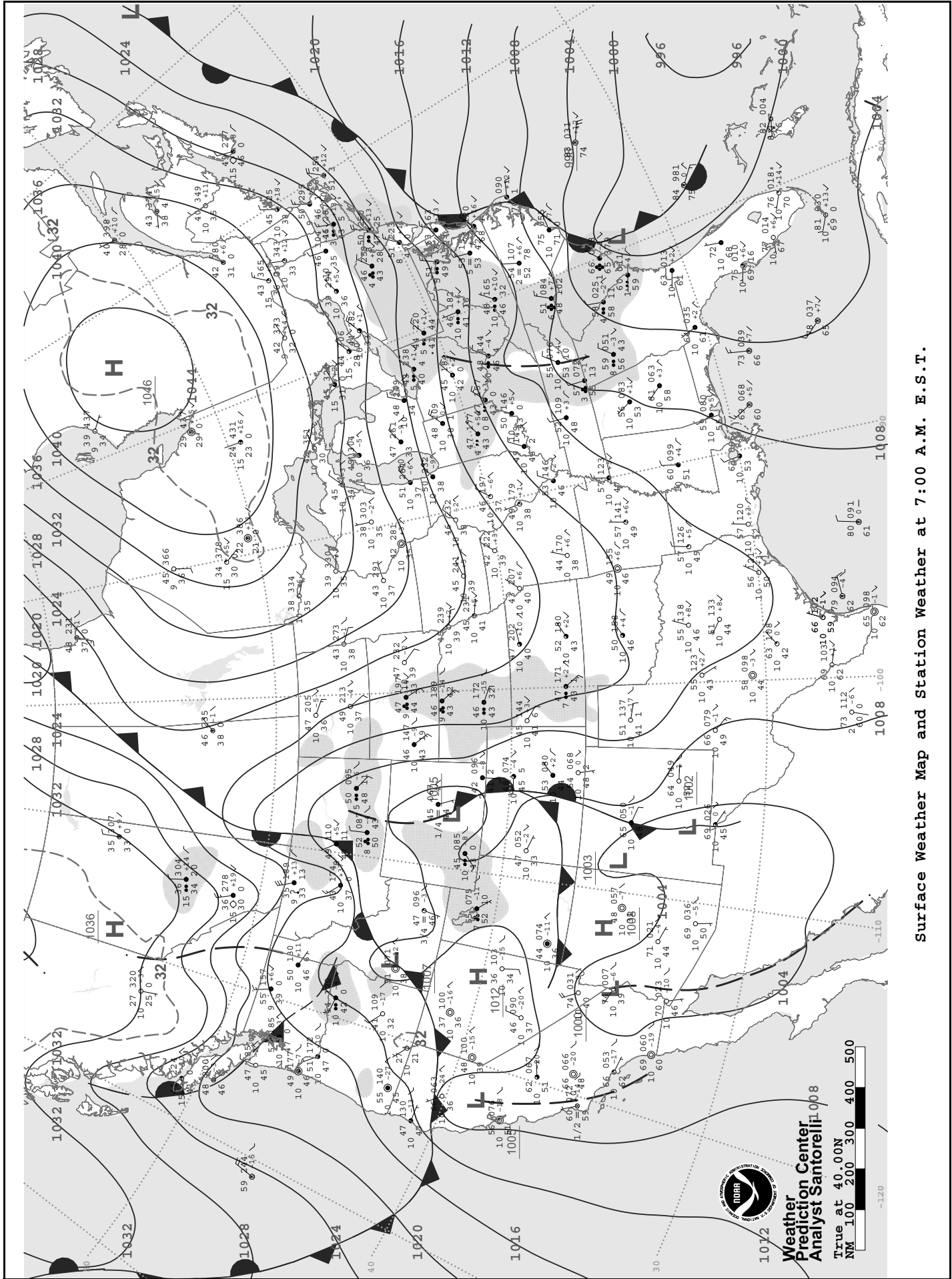


Station Model

The station model diagram consists of the following elements:

- Wind Direction:** Indicated by the tail of the wind feather.
- 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 'Sky_Cover'.

FRIDAY, OCTOBER 2, 2015

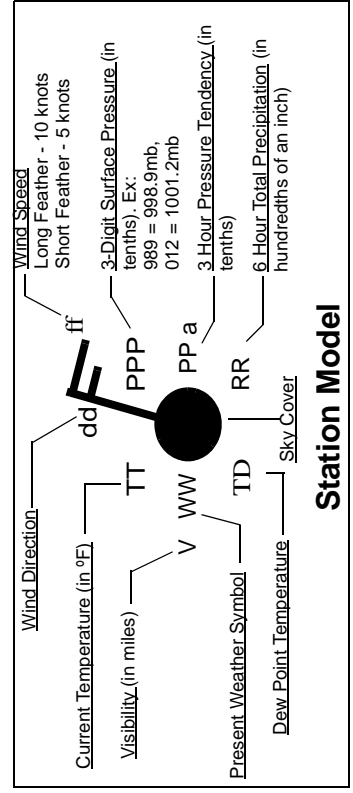
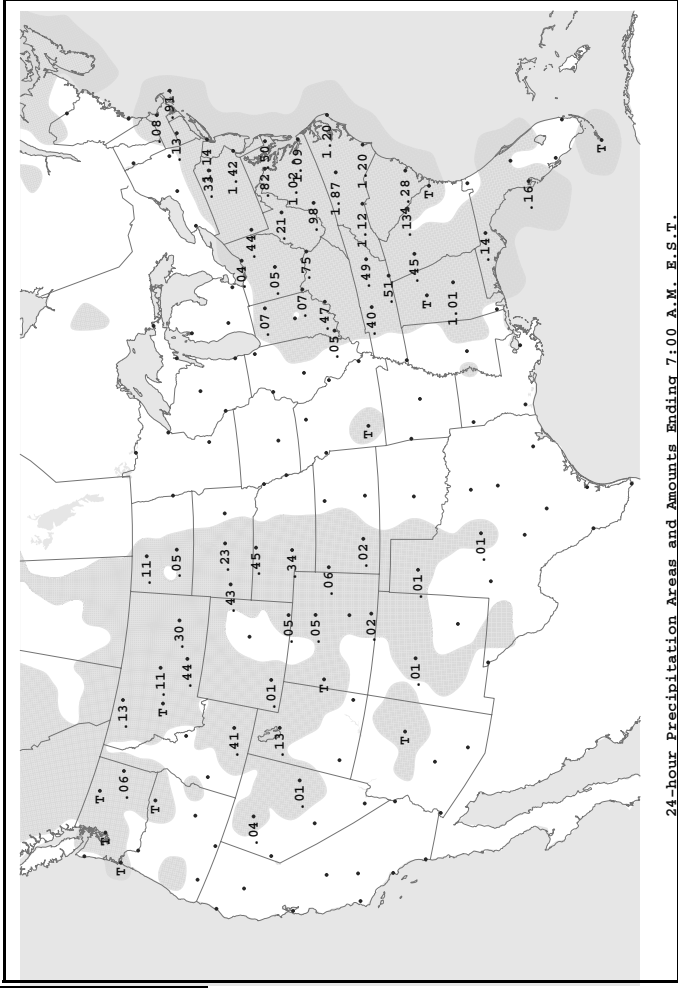
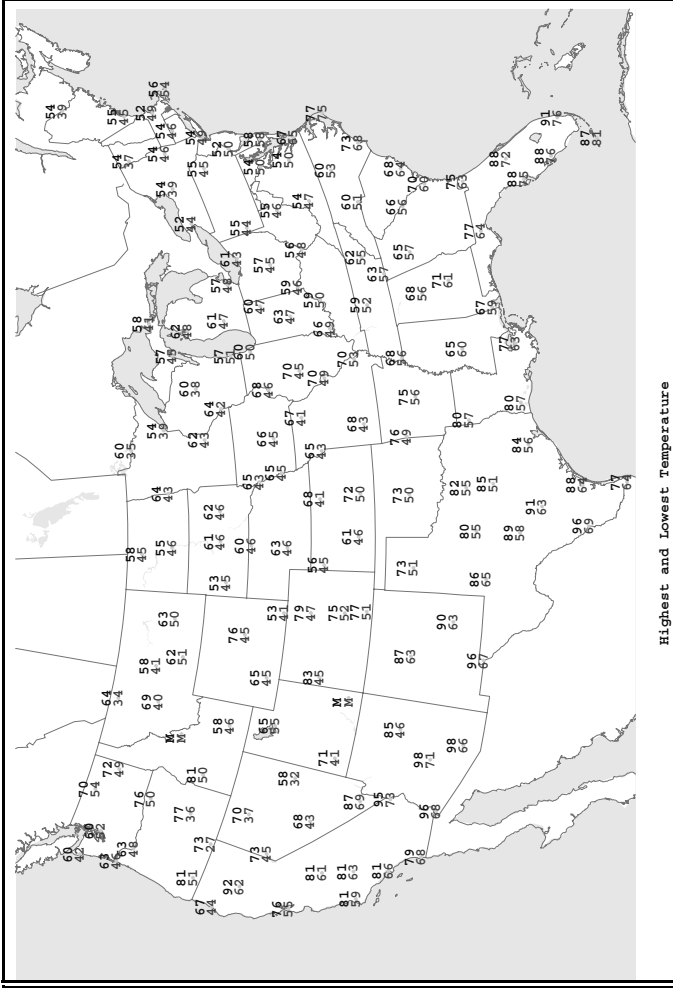
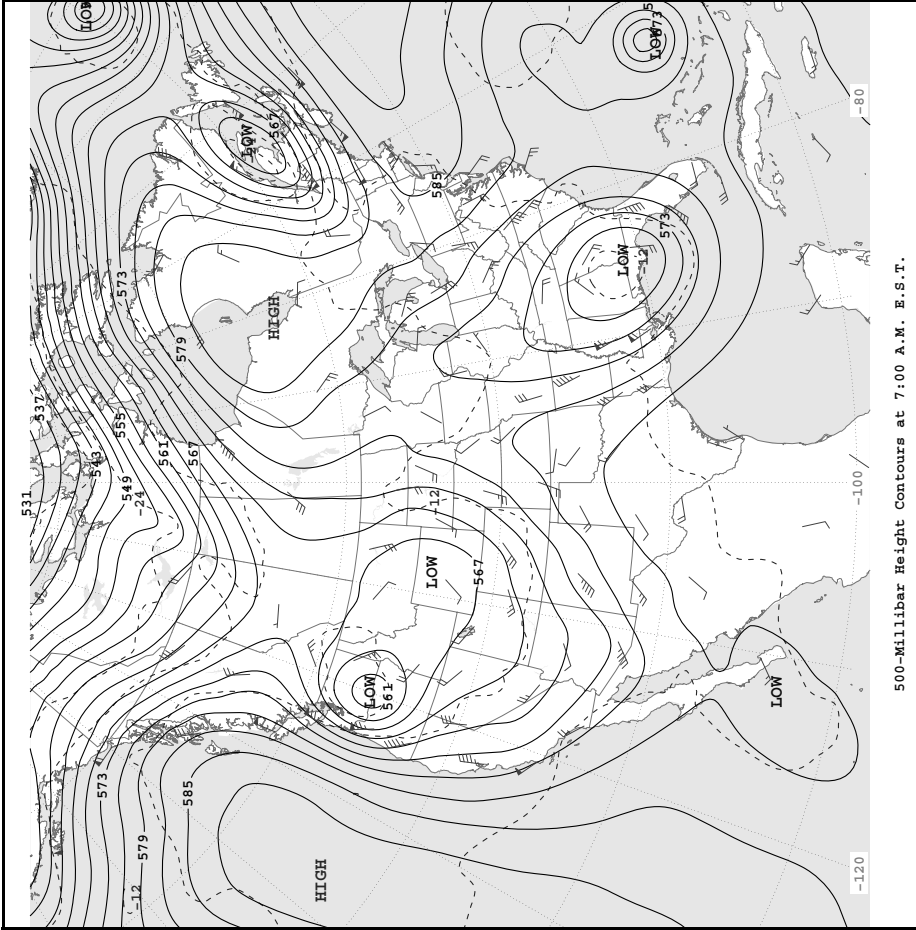


Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.

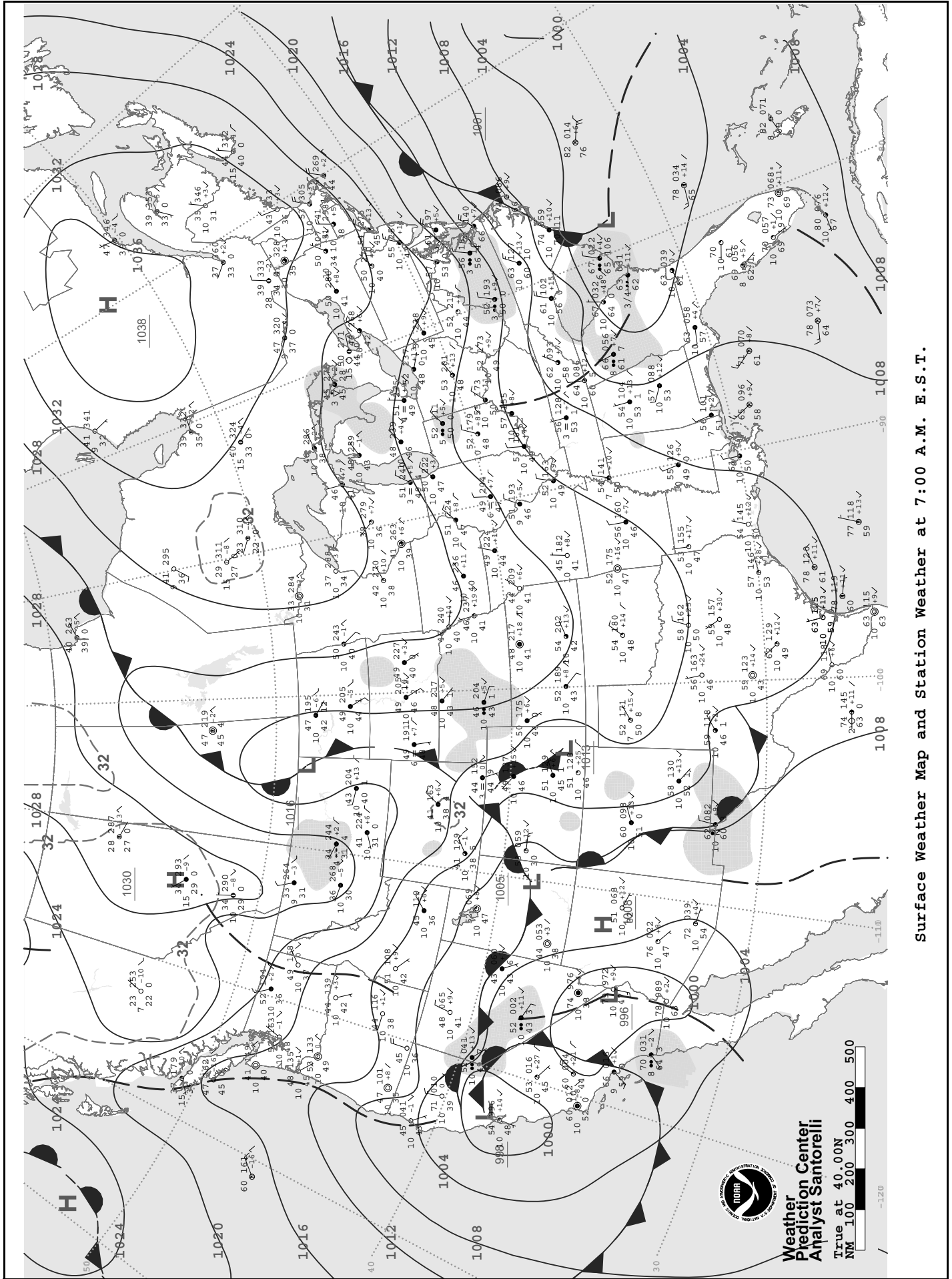
Weather Prediction Center
Analyst Santorelli 1008

True at 40.00N
NM 100 200 300 400 500

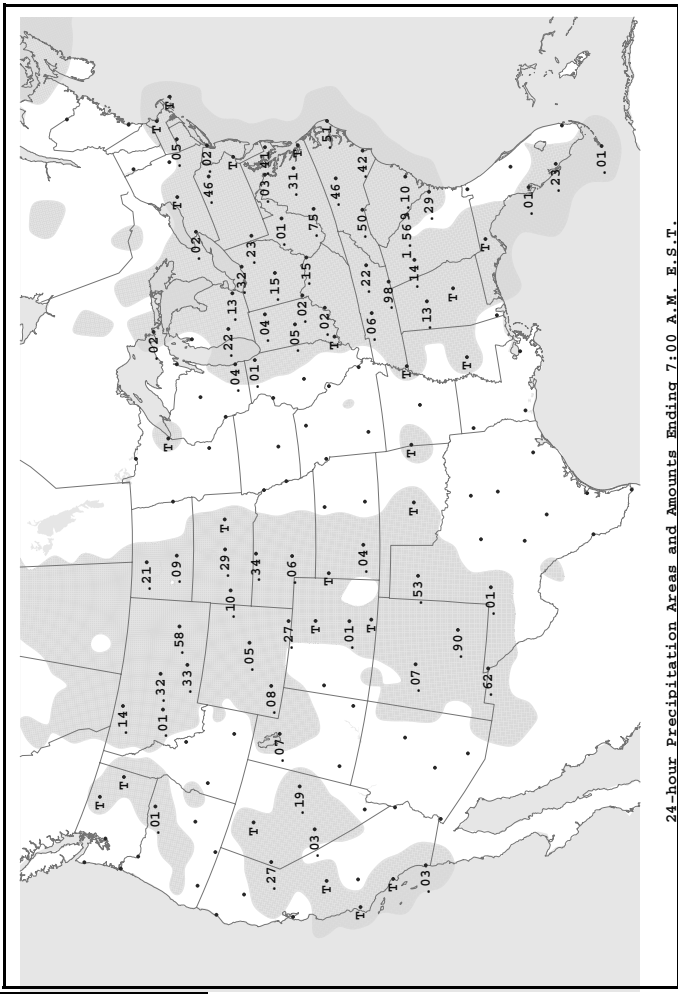
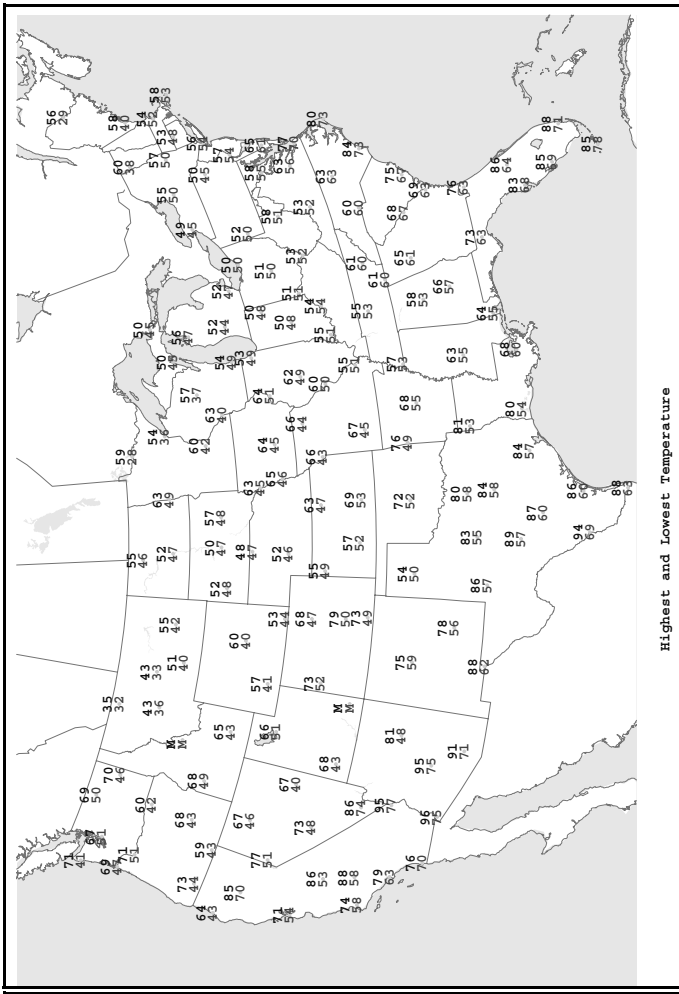
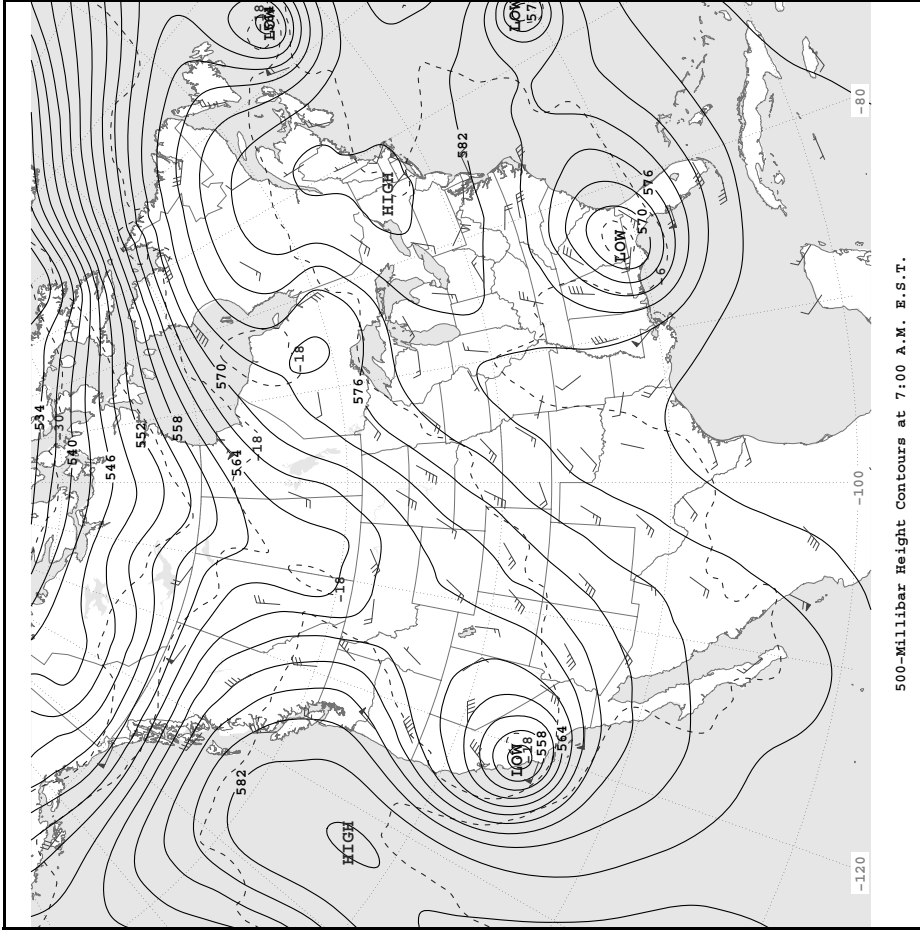




SATURDAY, OCTOBER 3, 2015



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



Station Model

Wind Direction: **ff** (feet)

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

Current Temperature (in °F): **dd**

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

Ex: 989 = 998.9mb, 012 = 1001.2mb

Visibility (in miles): **V**

Present Weather Symbol: **●**

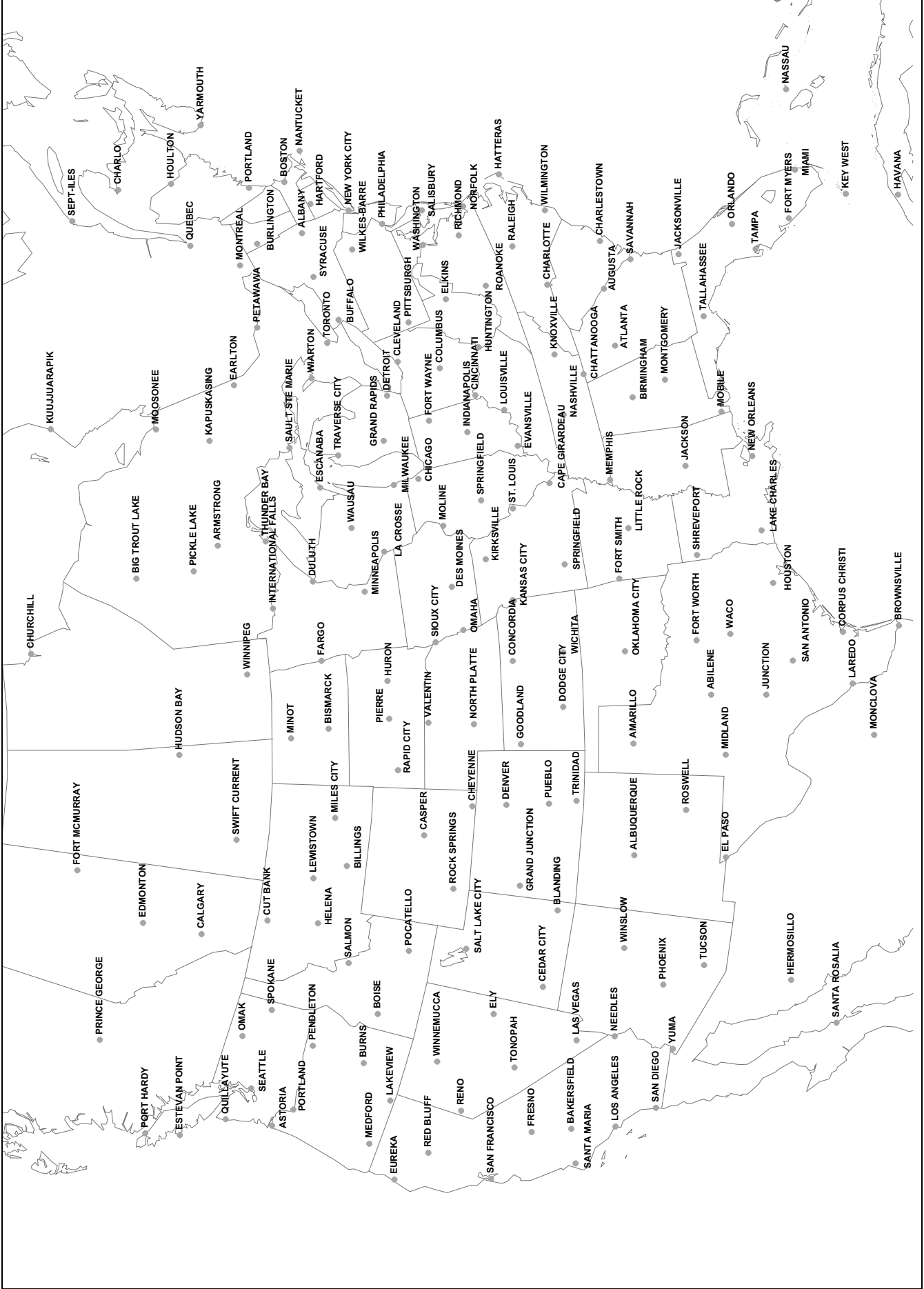
Dew Point Temperature: **TT**

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

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

Sky Cover: **—**

SUNDAY, OCTOBER 4, 2015



Daily Weather Map Station Names and Locations