



Daily Weather Maps

APRIL 13, 2015 - APRIL 19, 2015

Week 16

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.

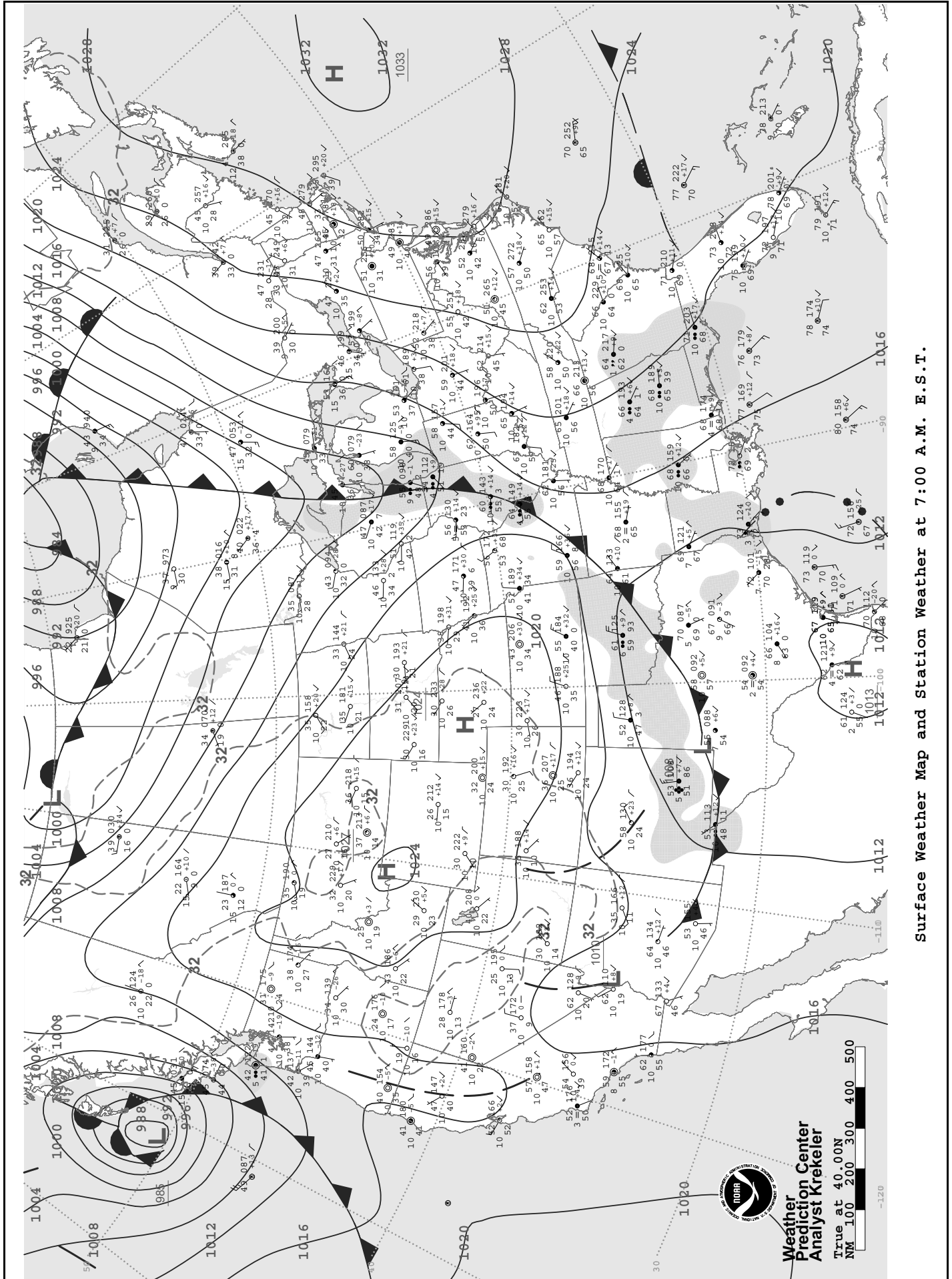
The Precipitation Areas and Amounts chart shows areas (shaded) that had precipitation during the 24 hours ending at 7:00 a.m. EST, with amounts to the nearest hundredth of an inch. "T" indicates a trace of precipitation.

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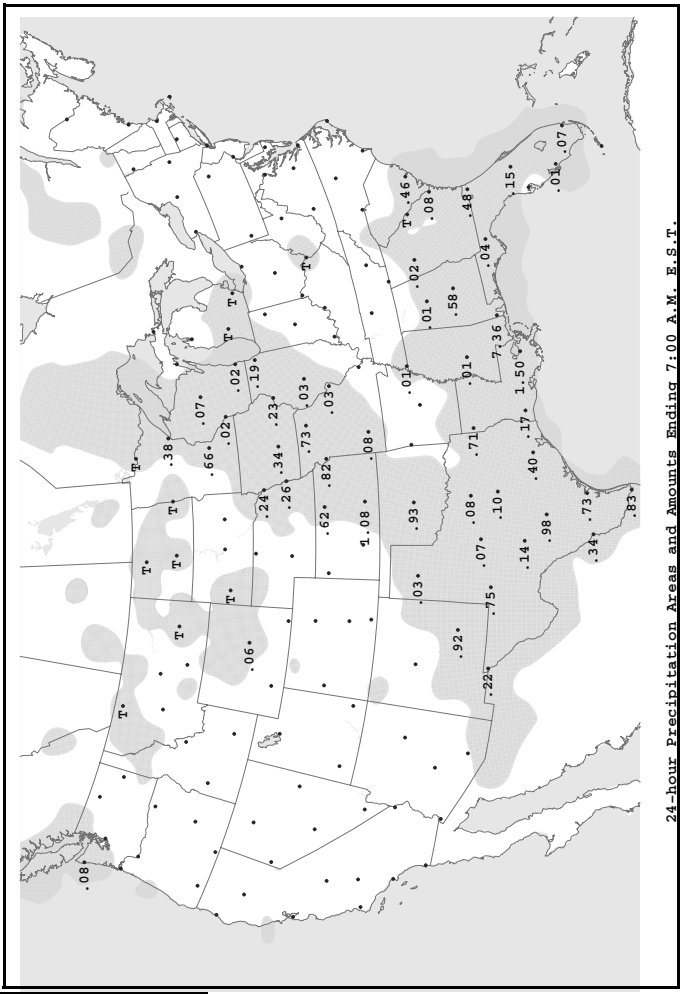
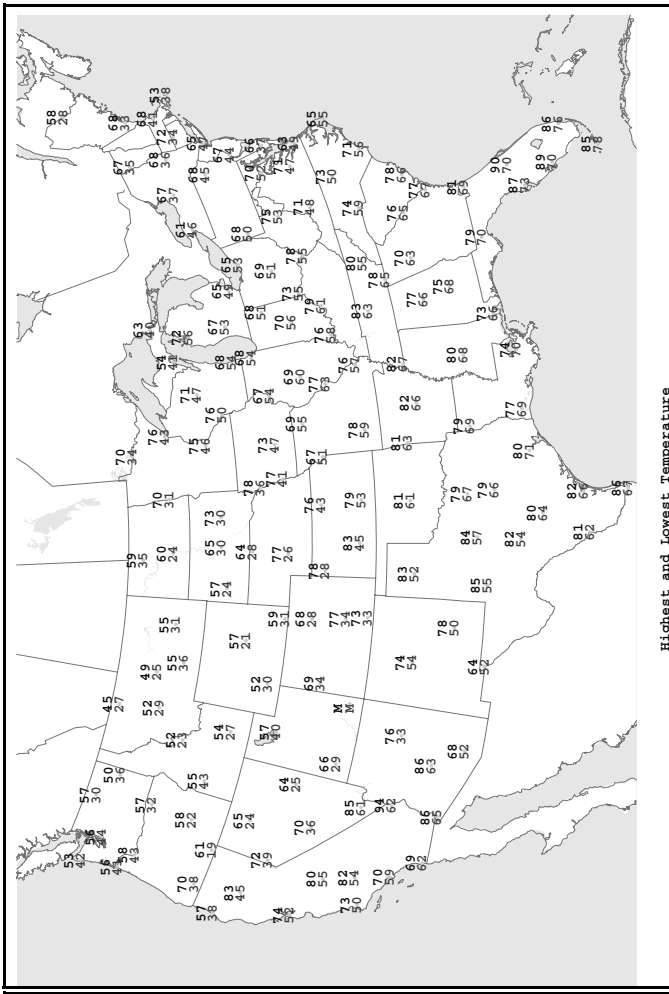
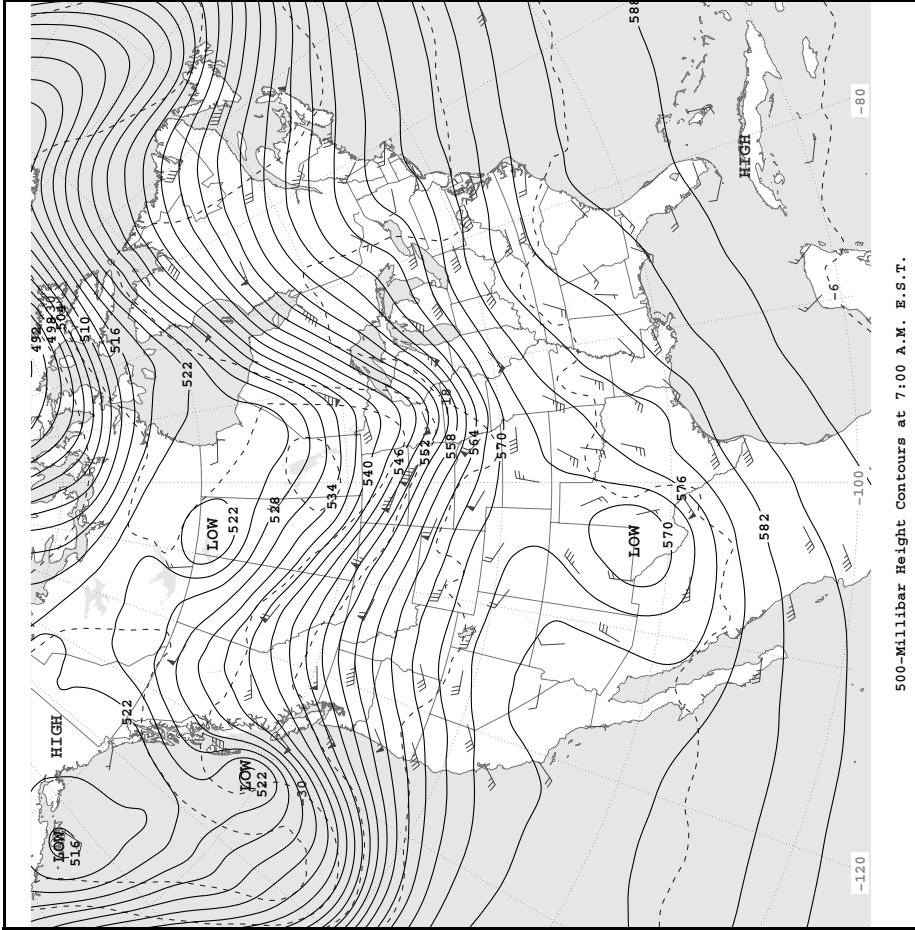
Correspondence to the meteorologists should be directed to: *Daily Weather Map*, NOAA/National Weather Service, Room 4640, 5830 University Research Court, College Park, MD 20740.

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.



Station Model

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

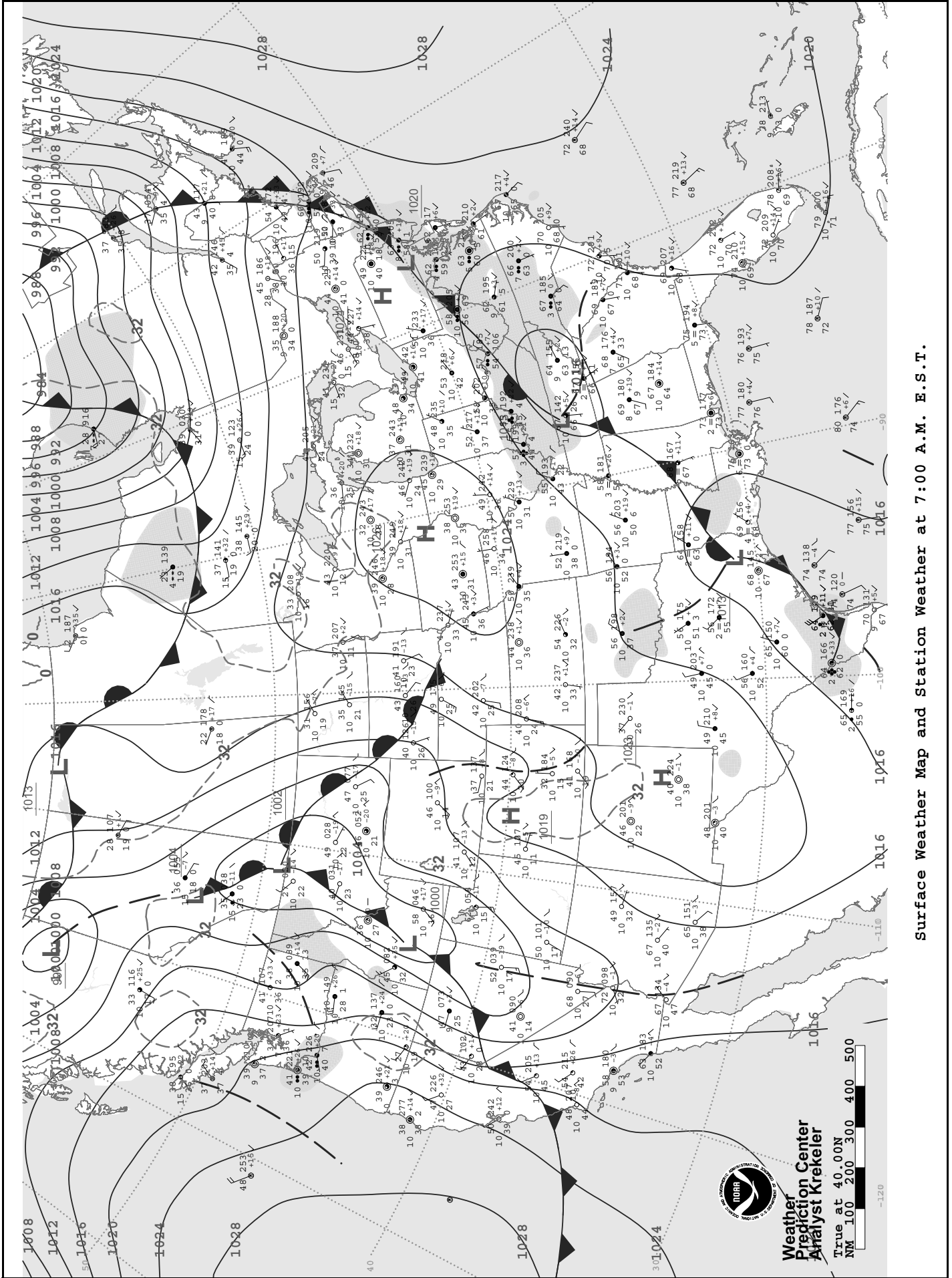
Current Temperature (in °F): **dd** — 3-Digit Surface Pressure (in tenths). Ex: 989 = 998.9mb, 012 = 1001.2mb

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

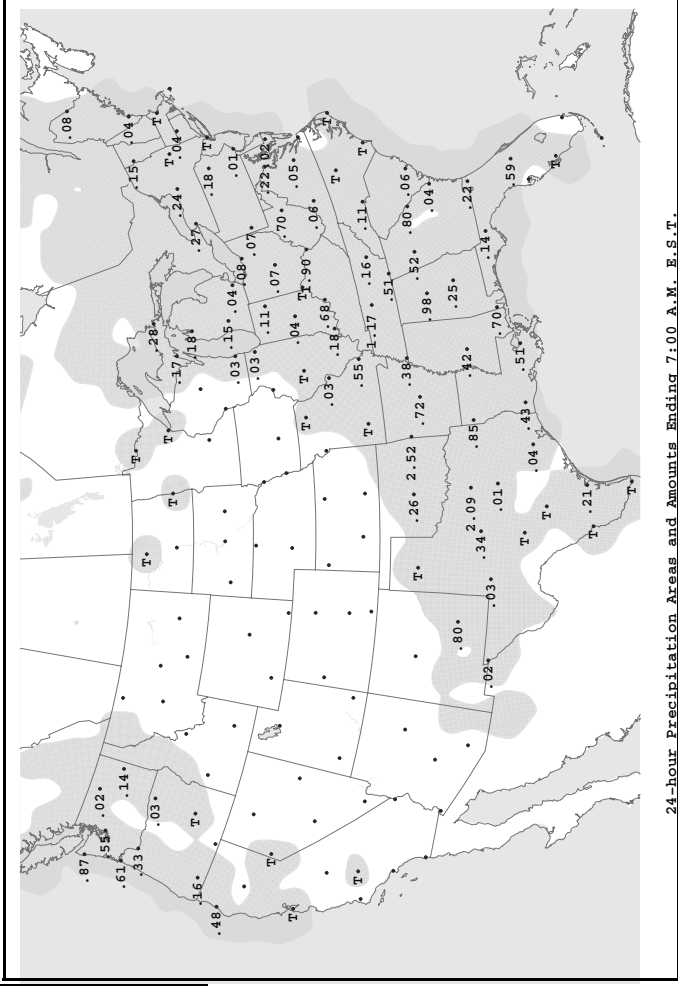
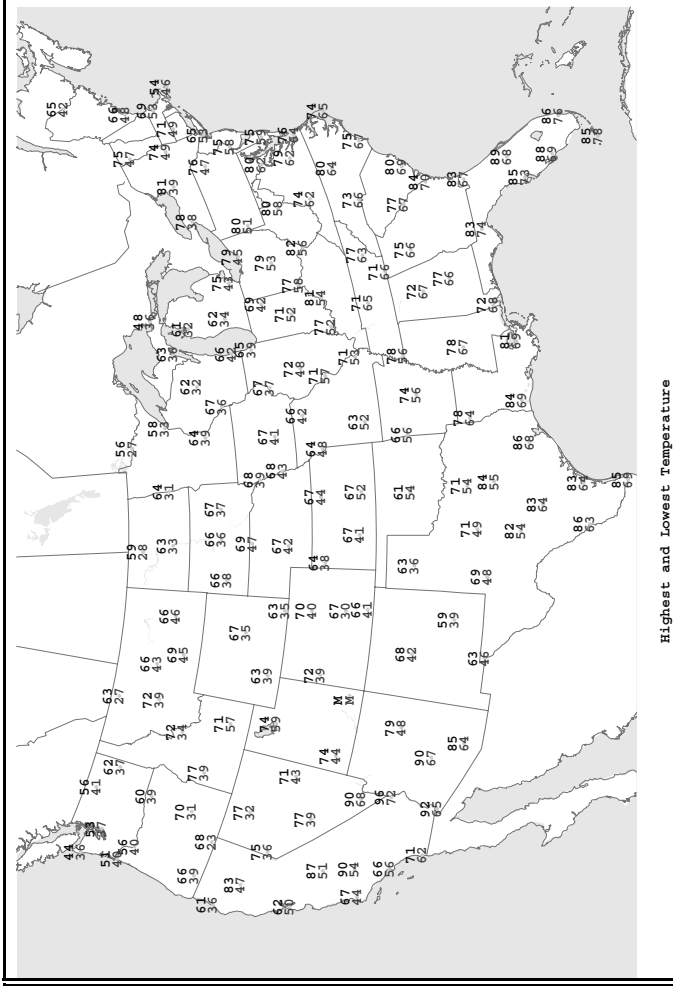
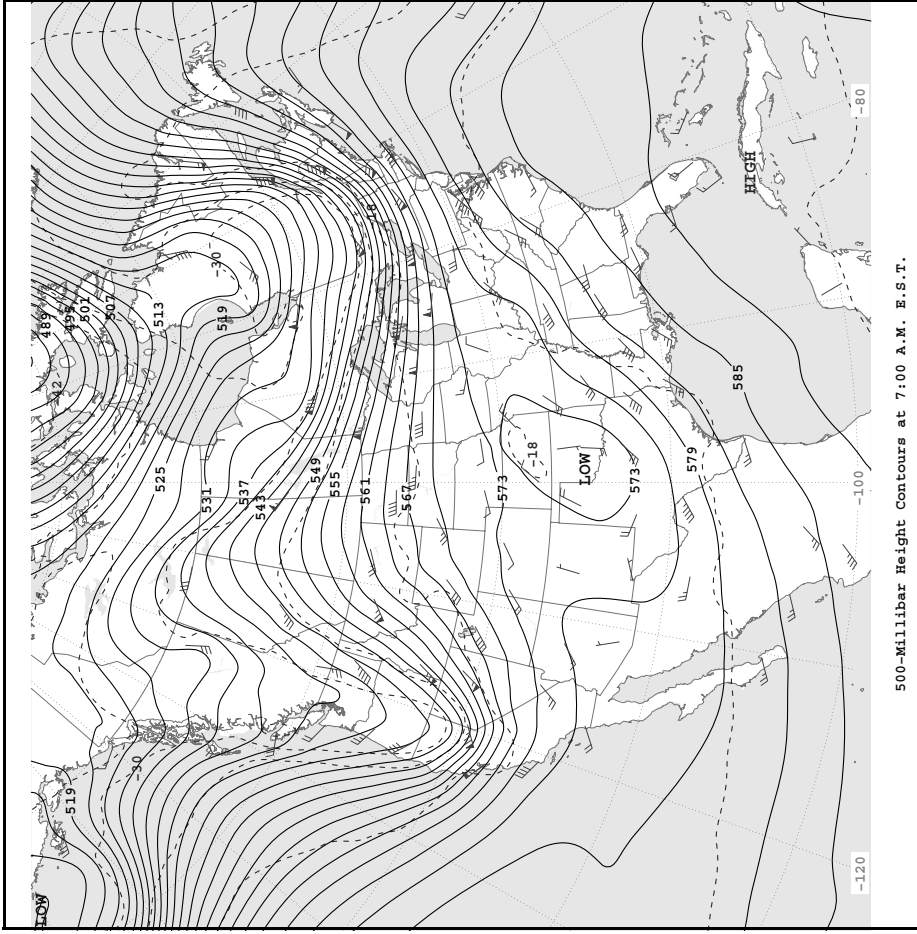
Dew Point Temperature: **TT** — 6 Hour Total Precipitation (in hundredths of an inch)

Sky Cover: **RR**

MONDAY, APRIL 13, 2015



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



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

Wind Direction

Current Temperature (in °F) — dd

Visibility (in miles) — V

Present Weather Symbol — TT

Dew Point Temperature — WW

3-Digit Surface Pressure (in tenths) — PPP

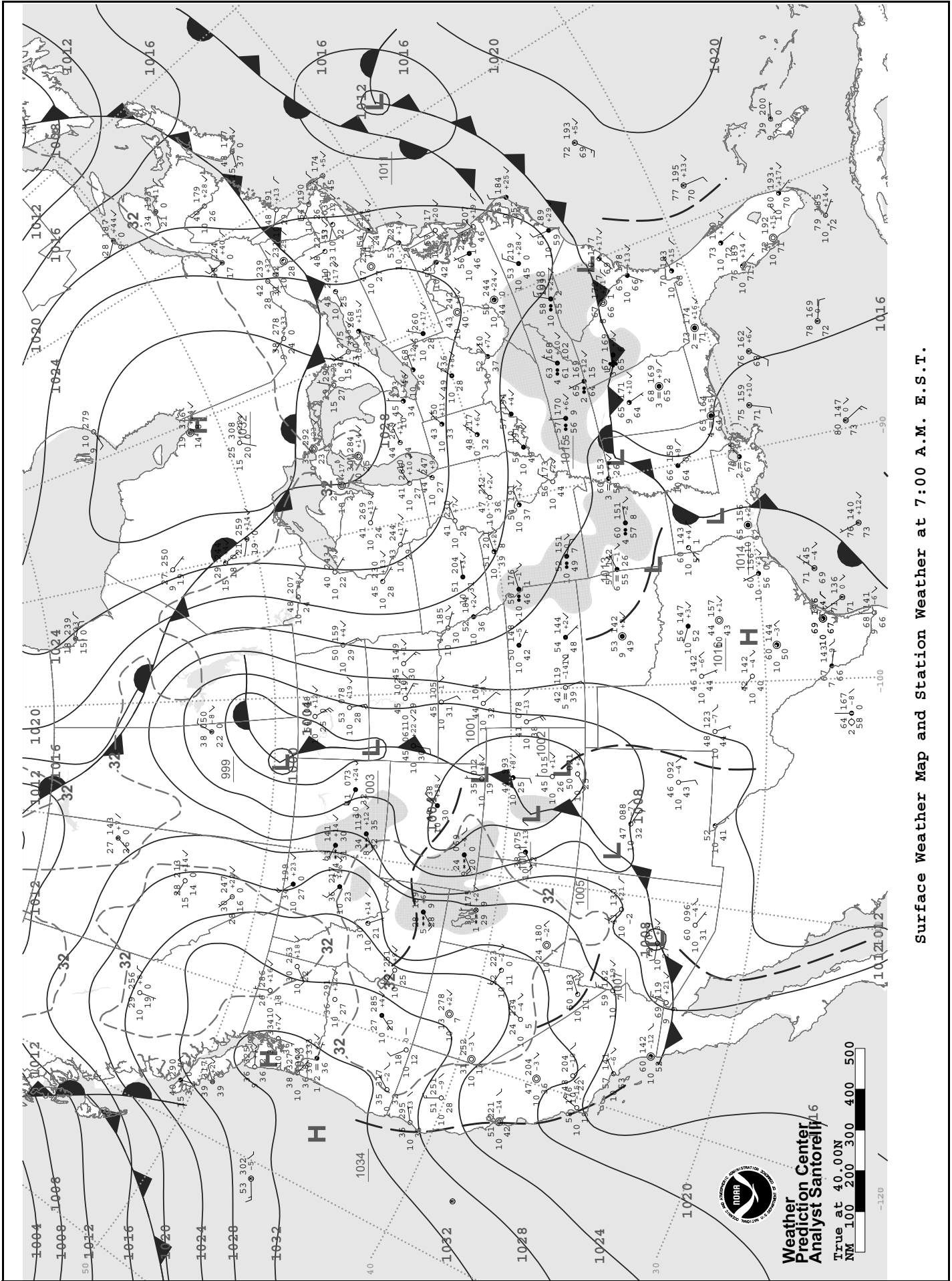
3 Hour Pressure Tendency (in tenths) — PP a

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

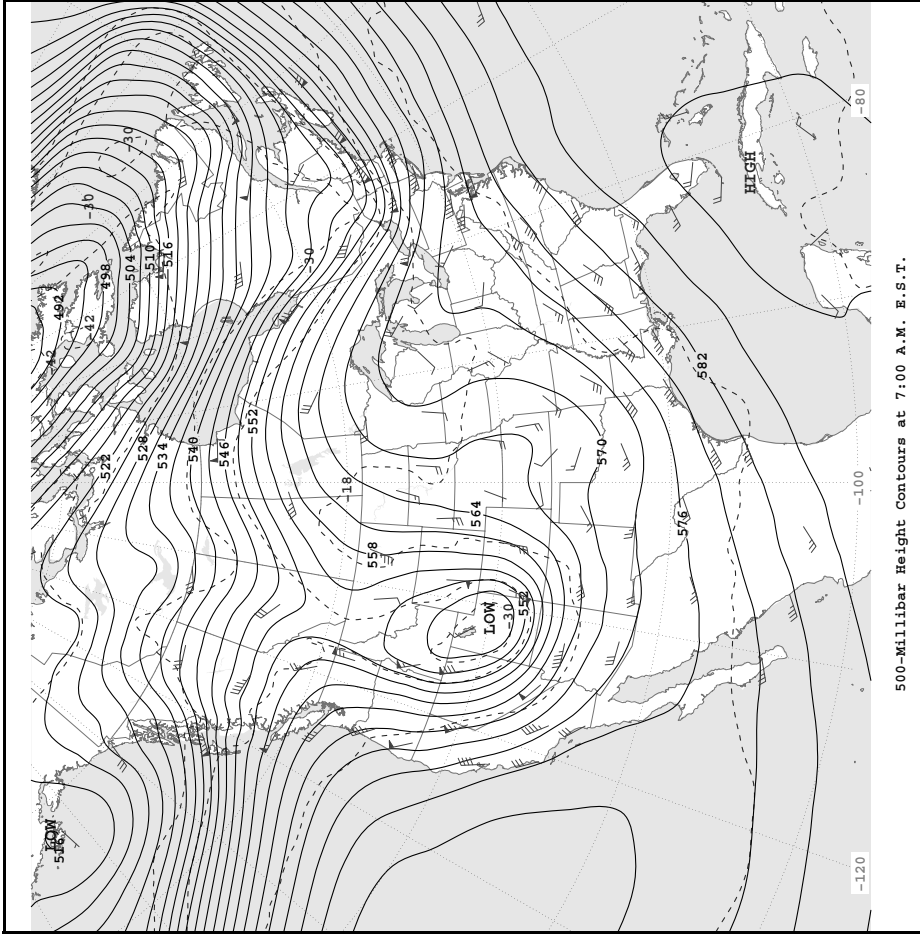
Sky Cover

Station Model

TUESDAY, APRIL 14, 2015



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



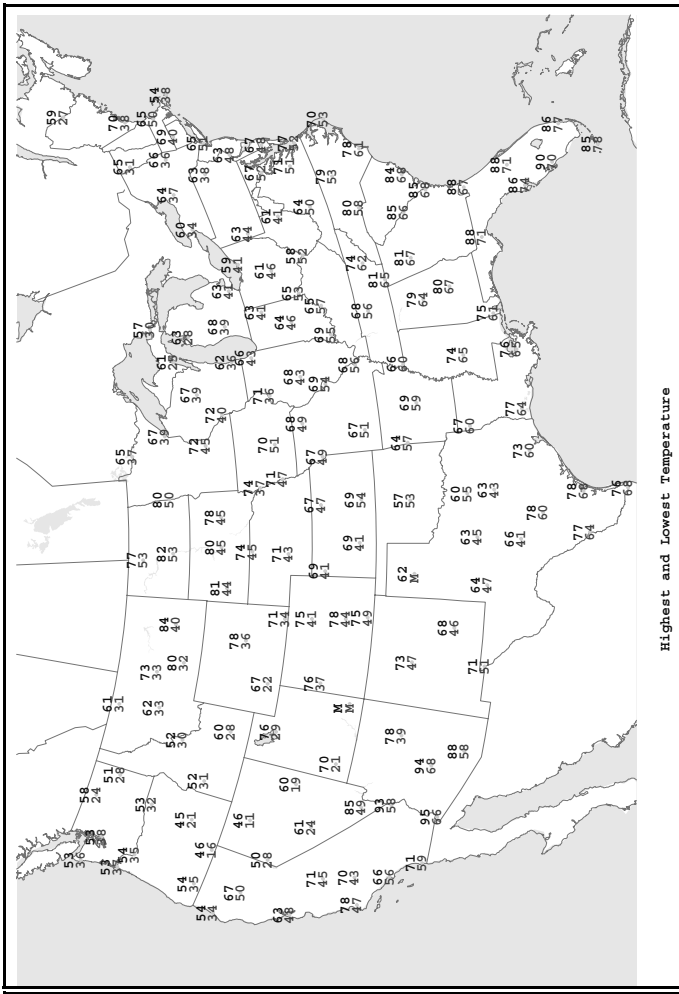
500-Millibar Height Contours at 7:00 A.M. E.S.T.

Station Model

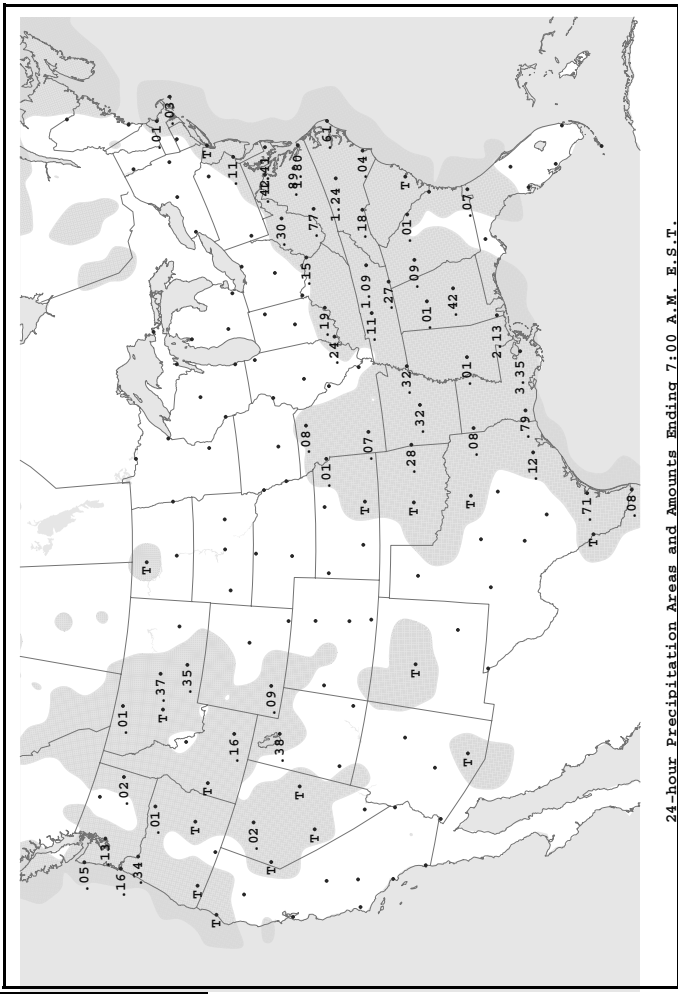
Wind Direction ——— Wind Speed
 Long Feather - 10 knots
 Short Feather - 5 knots

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

Present Weather Symbol ——— WW ——— 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

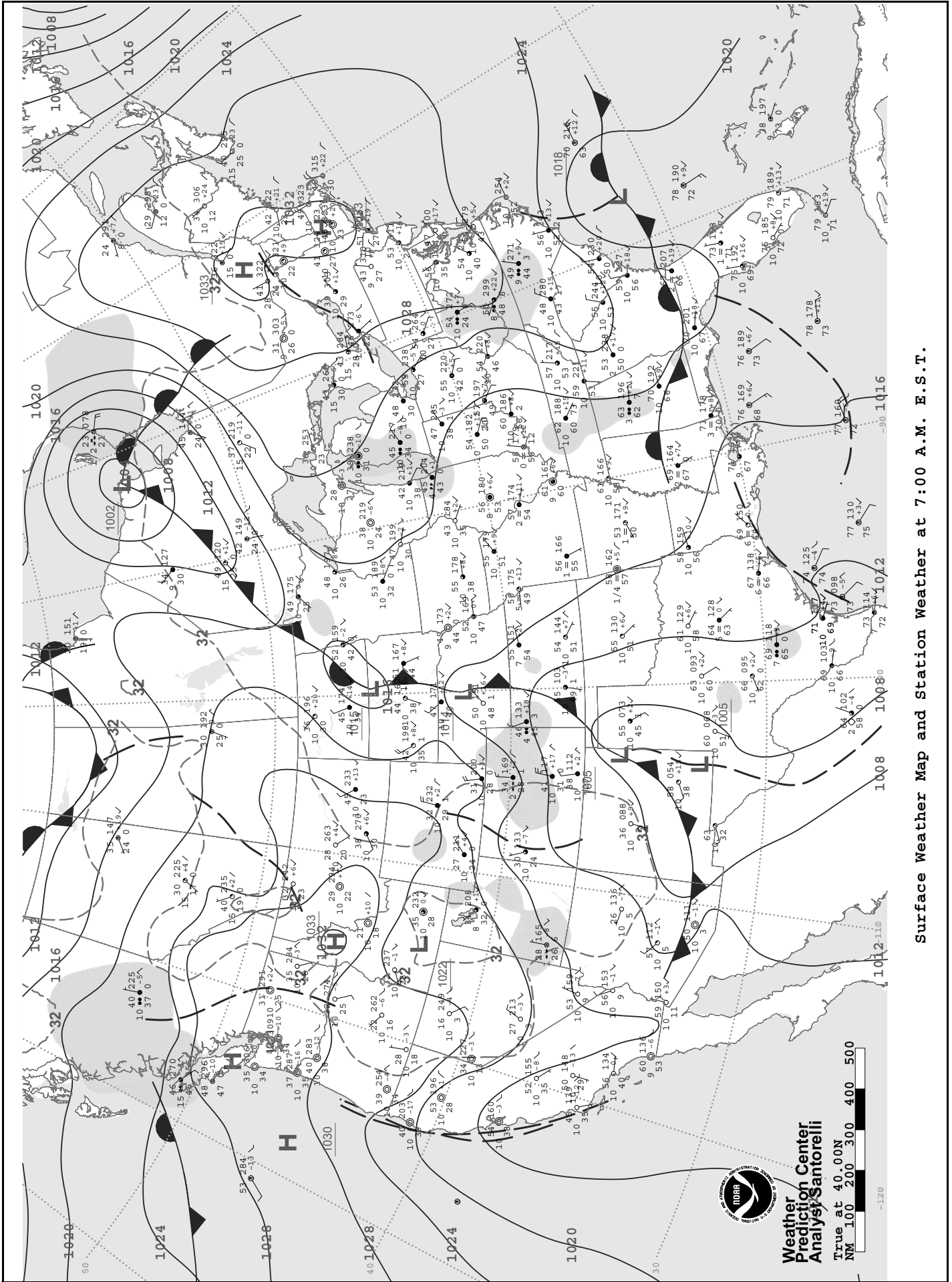


Highest and Lowest Temperature



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

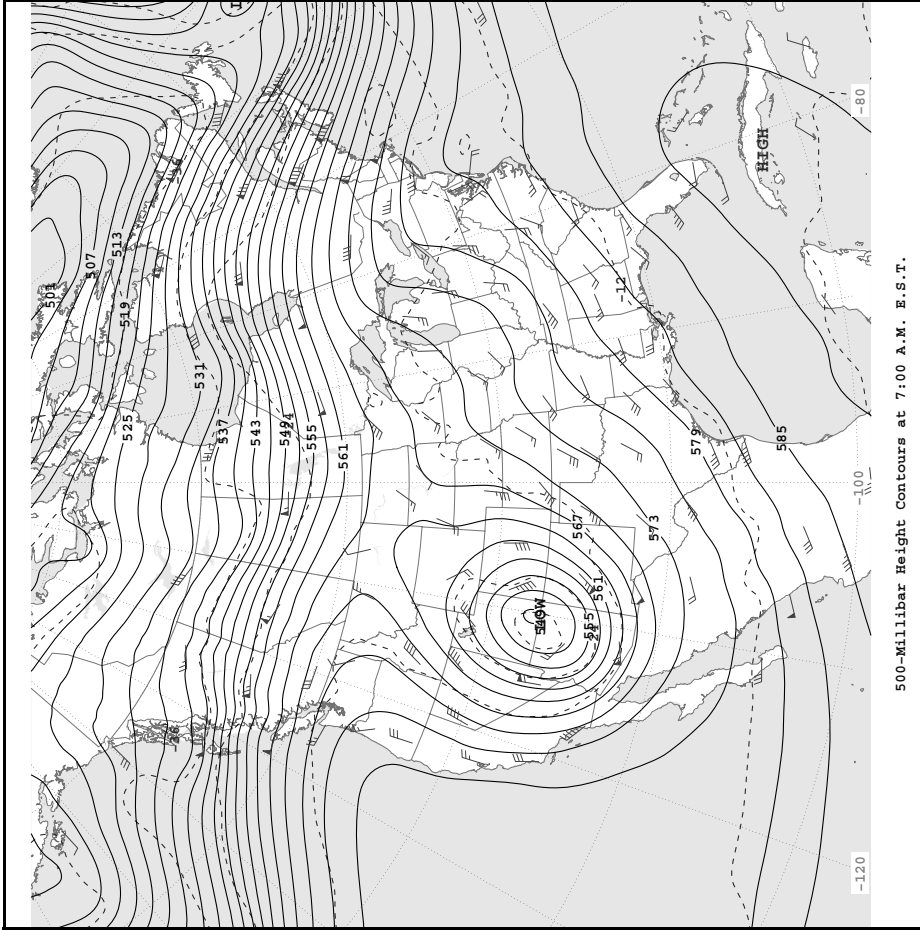
WEDNESDAY, APRIL 15, 2015



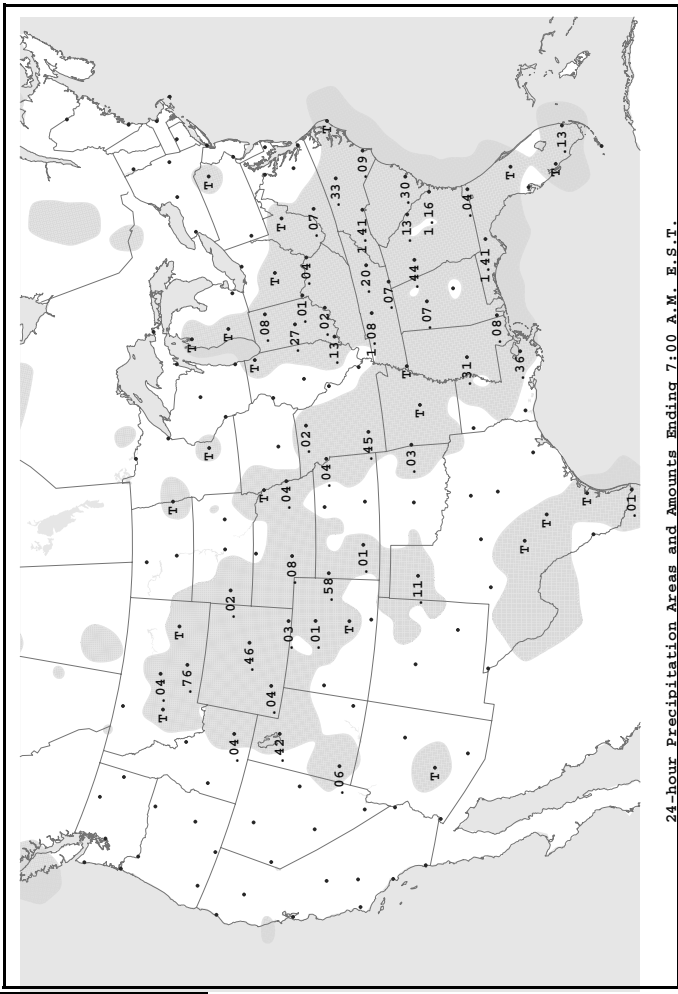
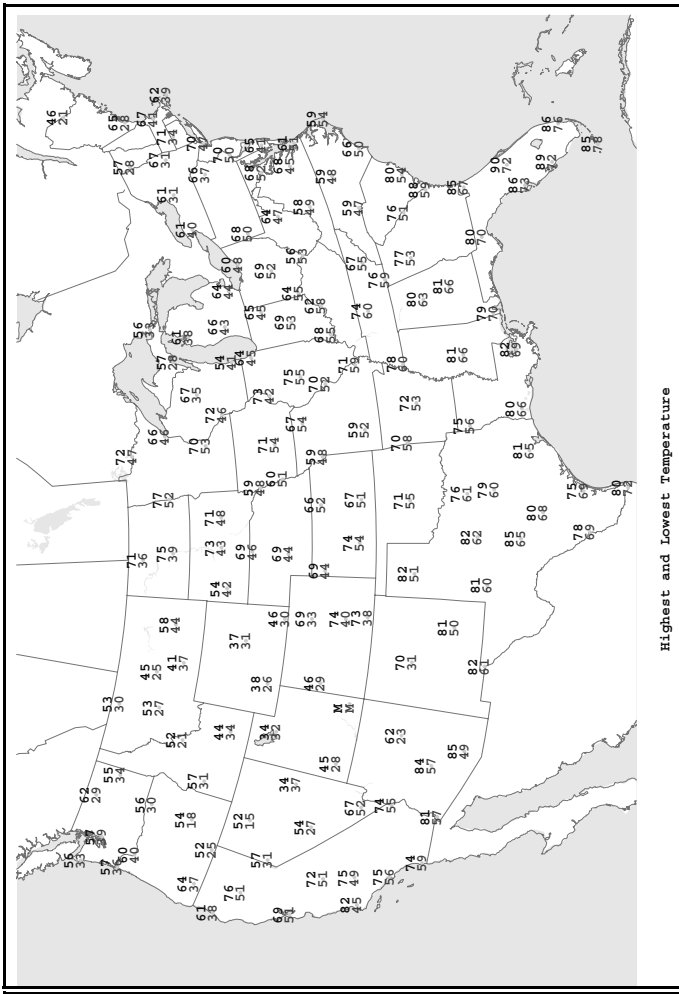
Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.

**Weather Prediction Center
Analysis/Santorelli**
True at 40.00N
NM 100 200 300 400 500





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



Station Model

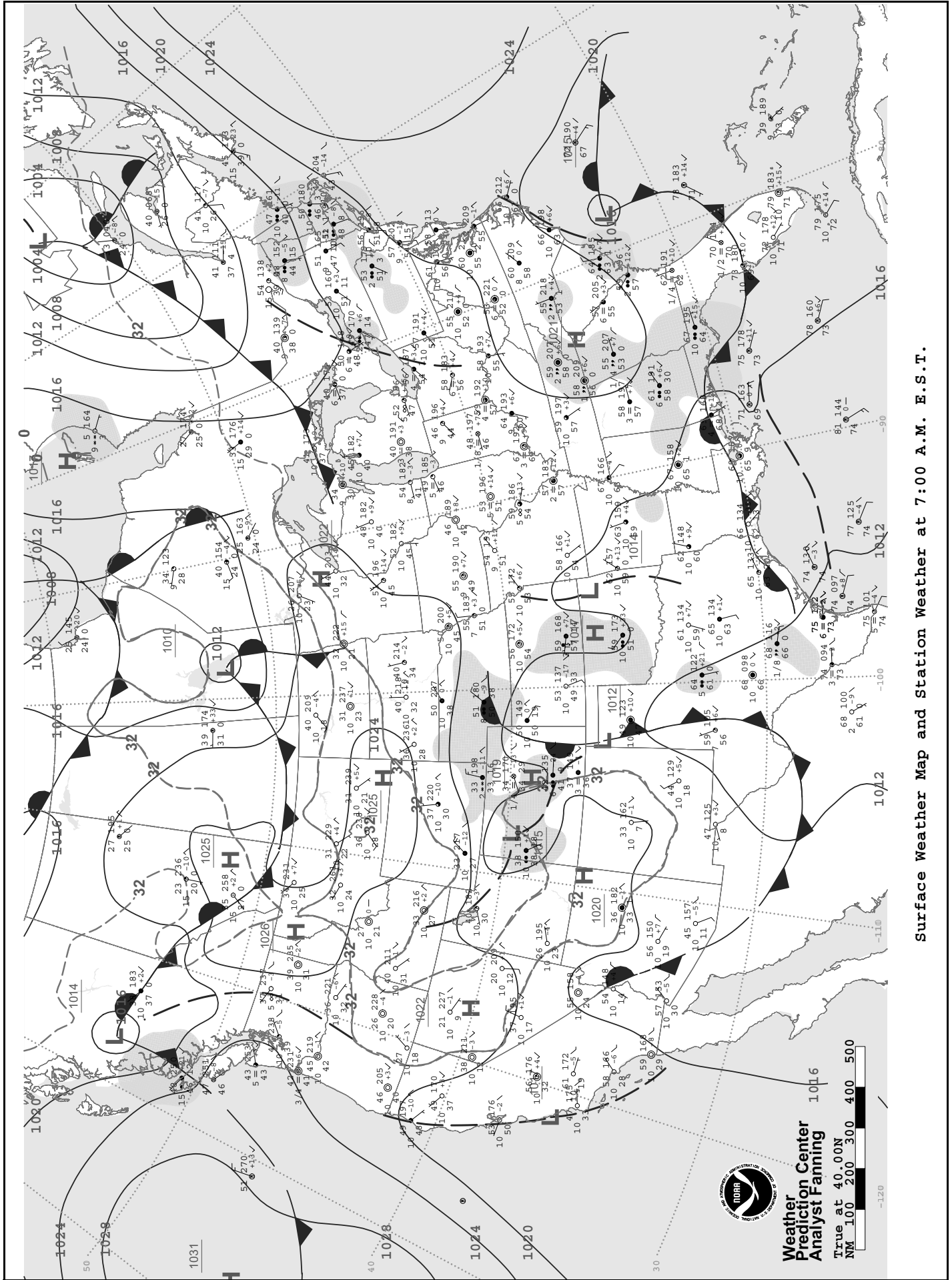
Wind Direction ———— Wind Speed
 Long Feather - 10 knots
 Short Feather - 5 knots

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

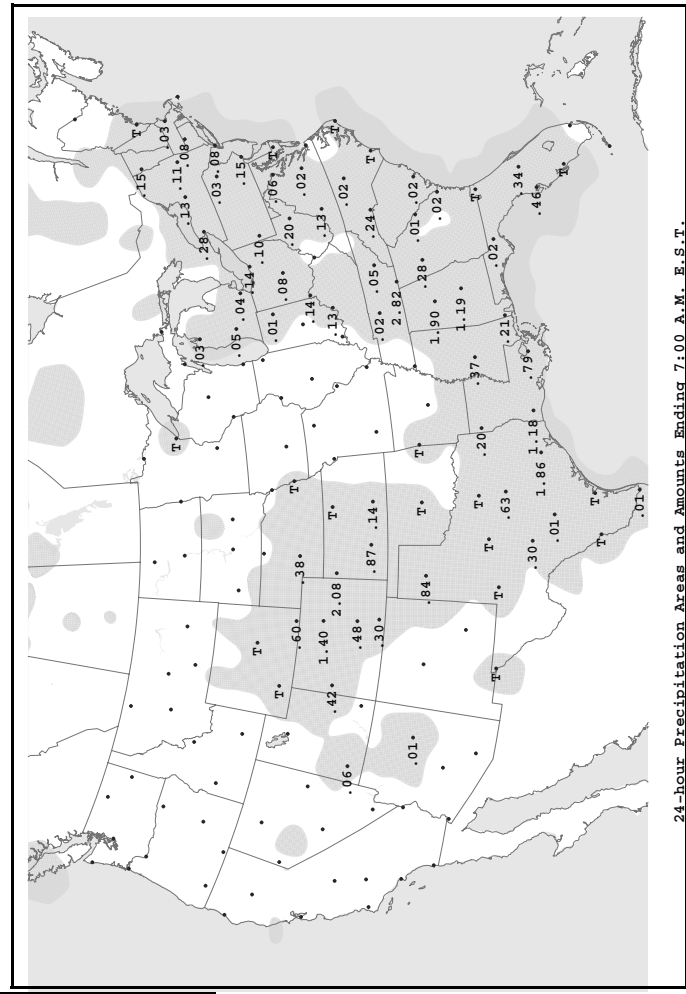
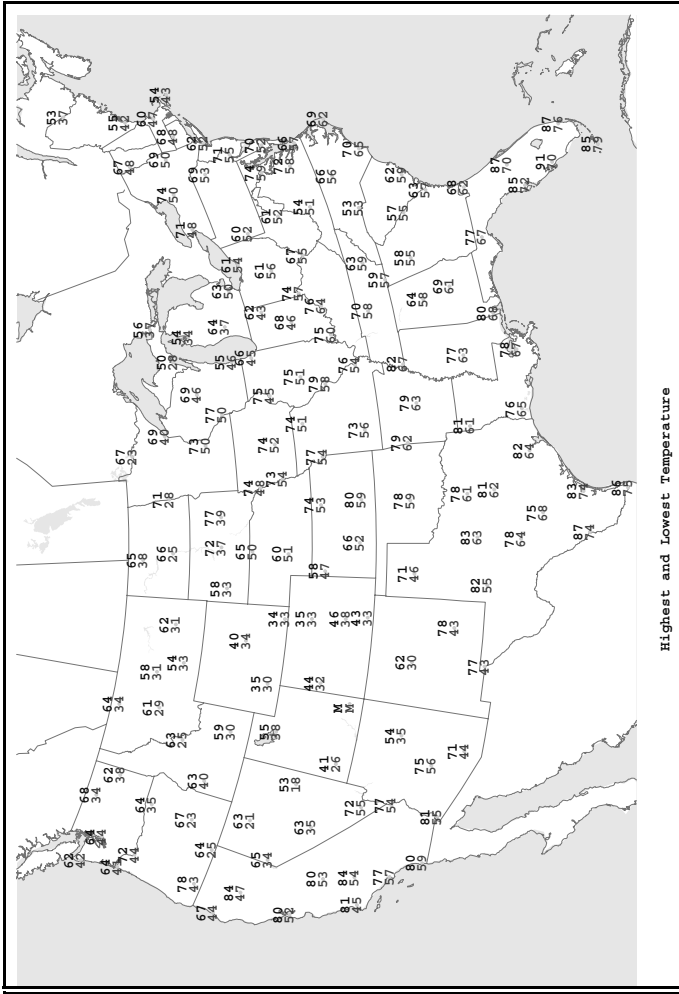
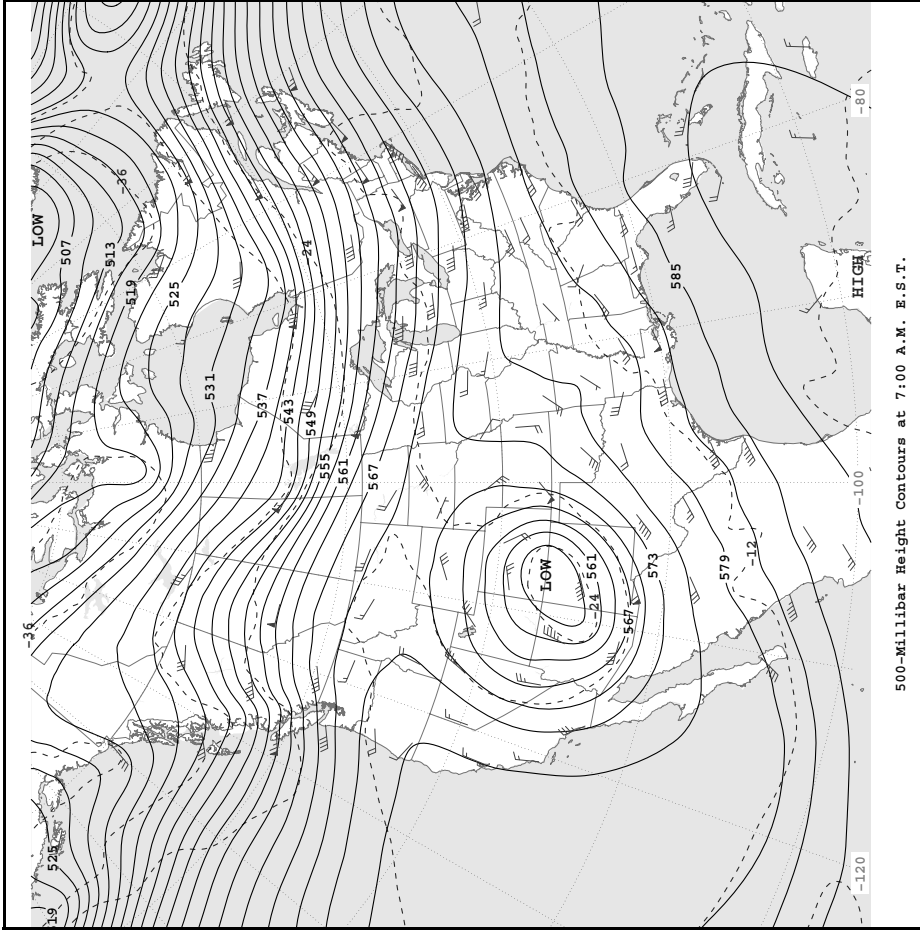
ff ————
 PPP ————
 PP a ————

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)

THURSDAY, APRIL 16, 2015



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

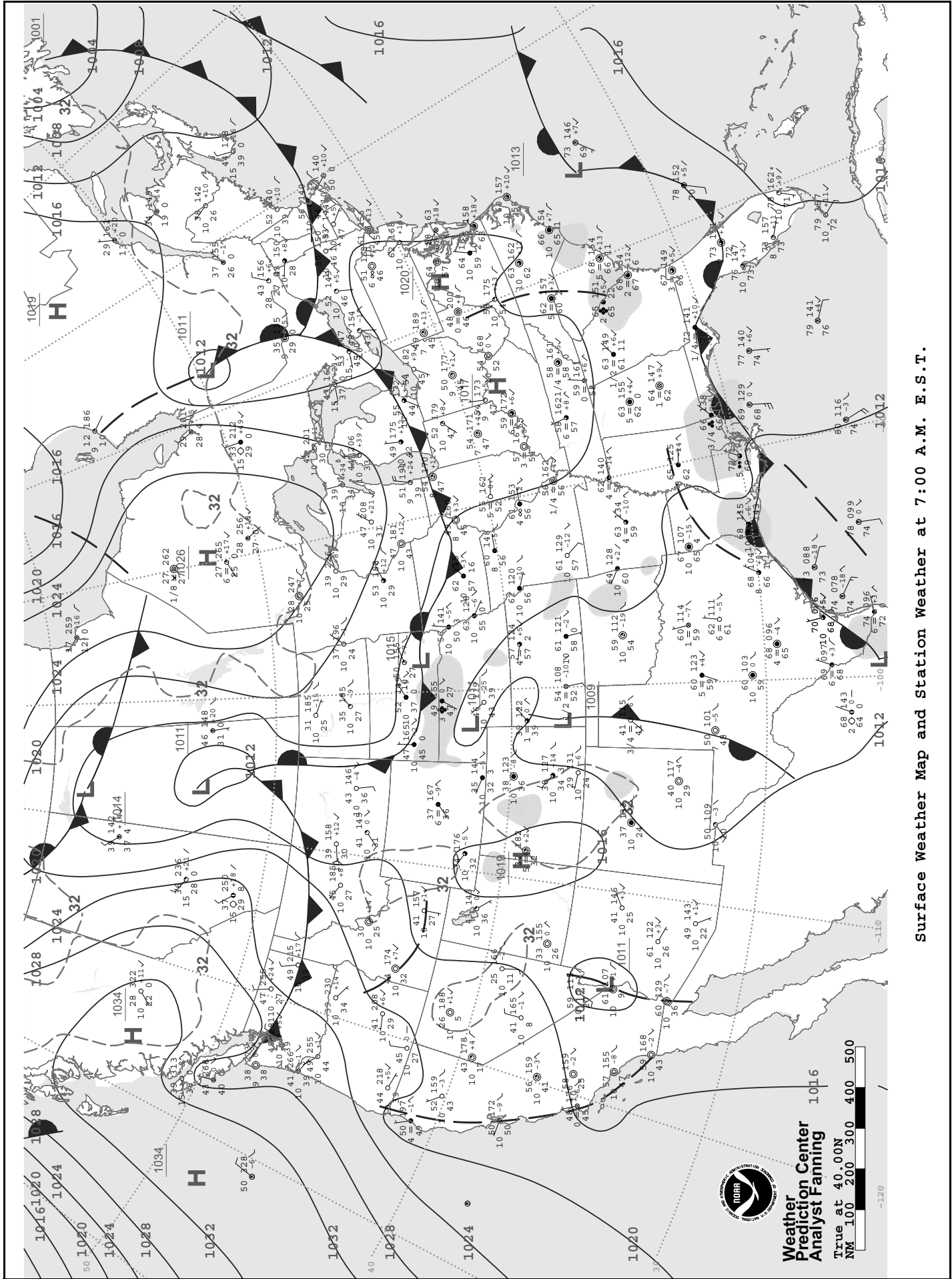
Current Temperature (in °F): **dd** — 3-Digit Surface Pressure (in tenths). Ex: 999 = 998.9mb, 012 = 1001.2mb

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

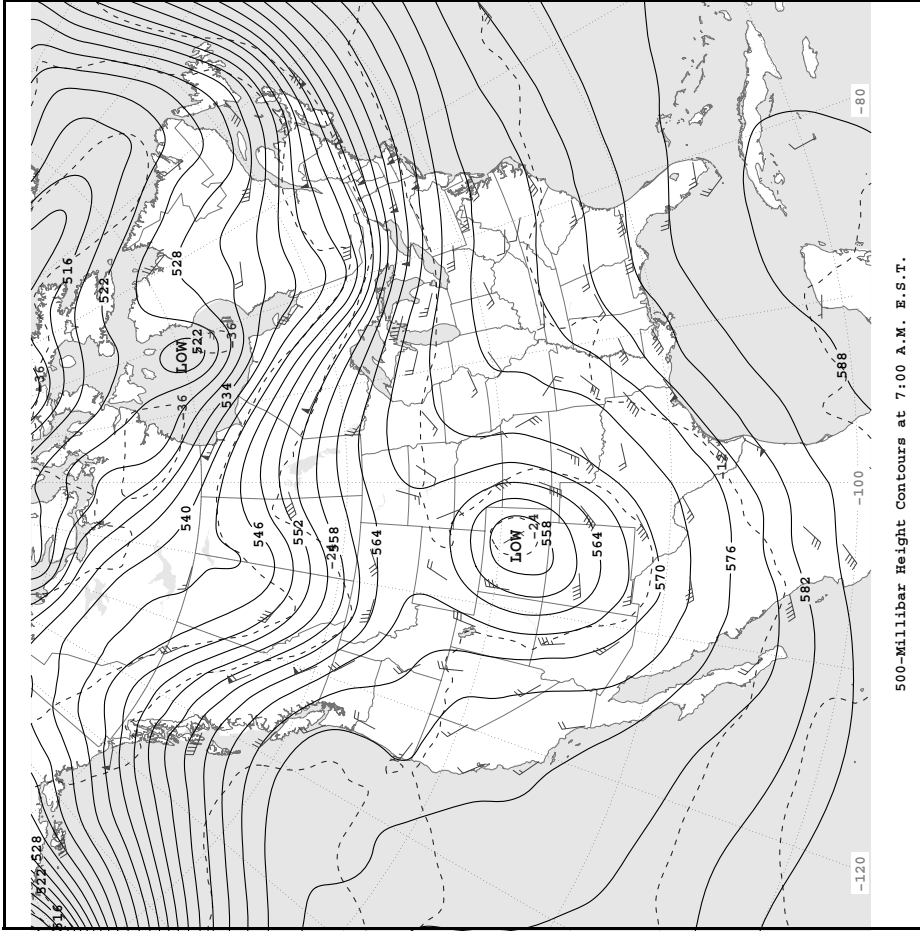
Dew Point Temperature: **V** — 6 Hour Total Precipitation (in hundredths of an inch)

RR — Sky Cover

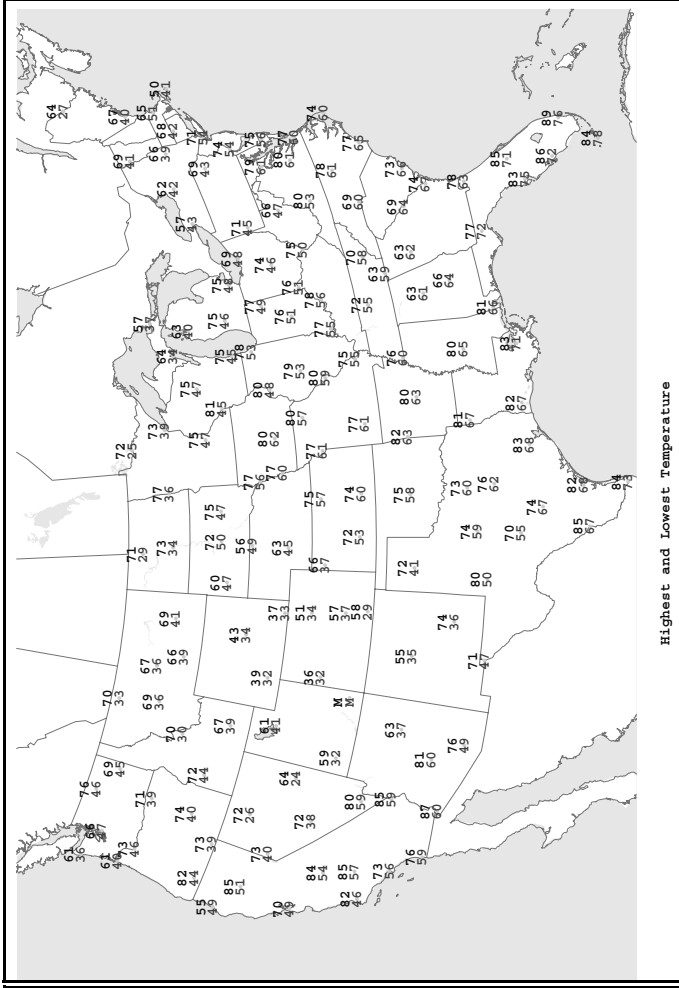
FRIDAY, APRIL 17, 2015



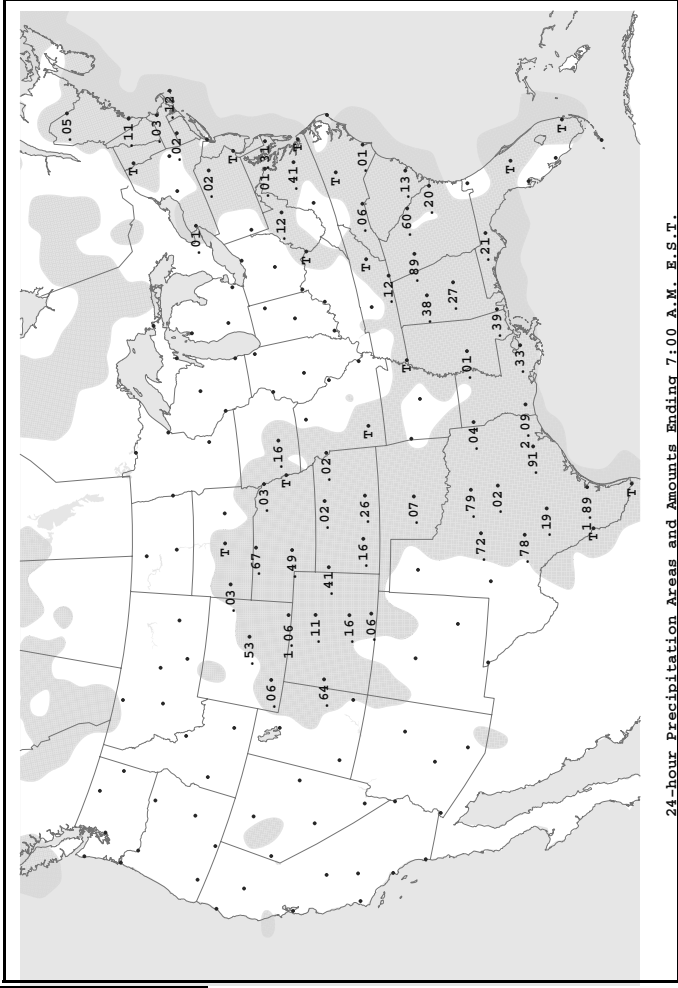
Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.



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

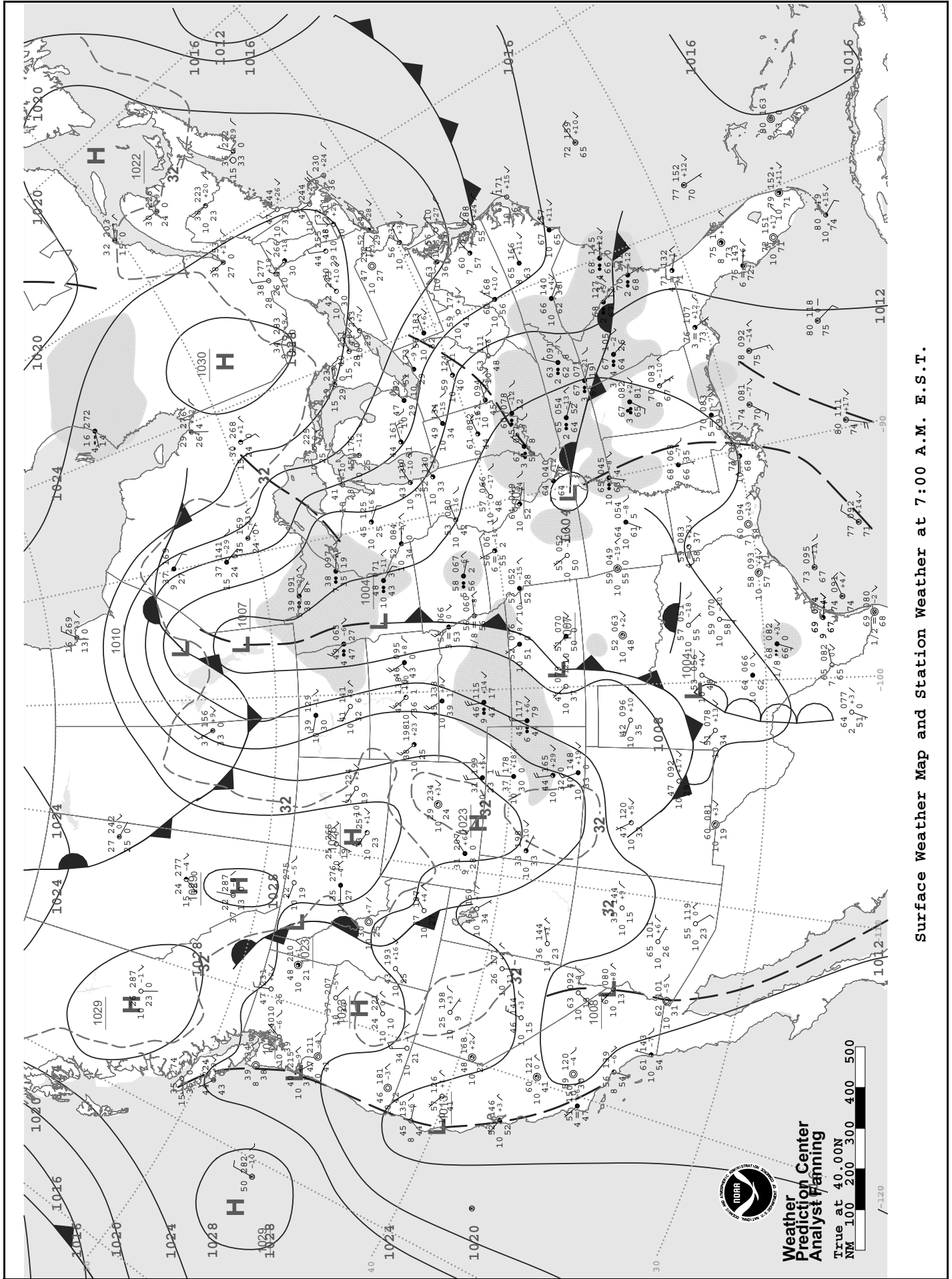
Current Temperature (in °F): **dd** — 3-Digit Surface Pressure (in tenths). Ex: 999 = 998.9mb, 012 = 1001.2mb

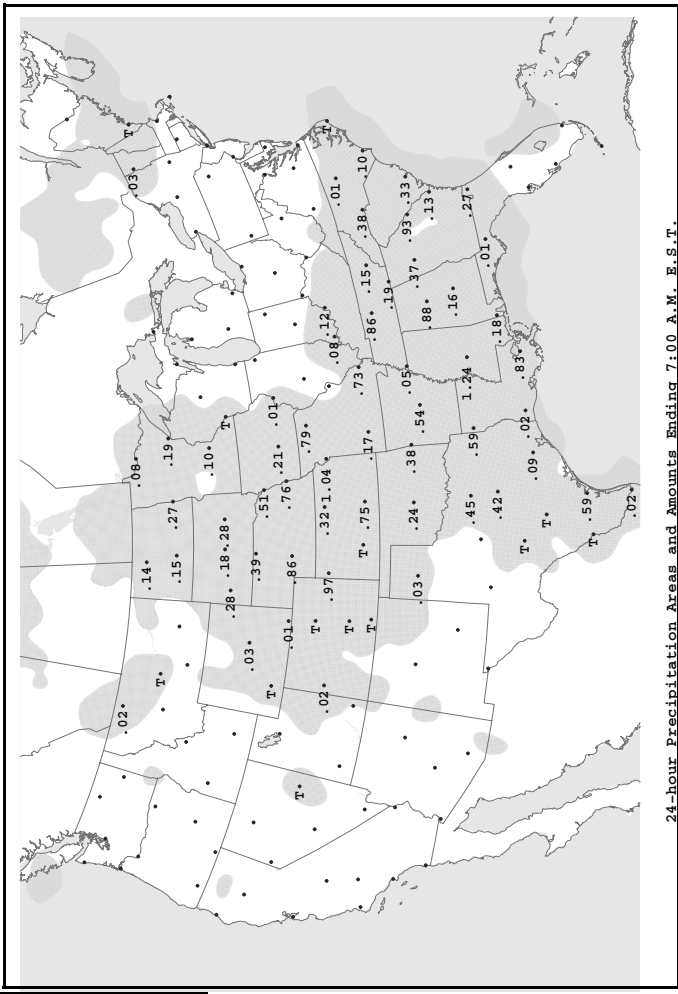
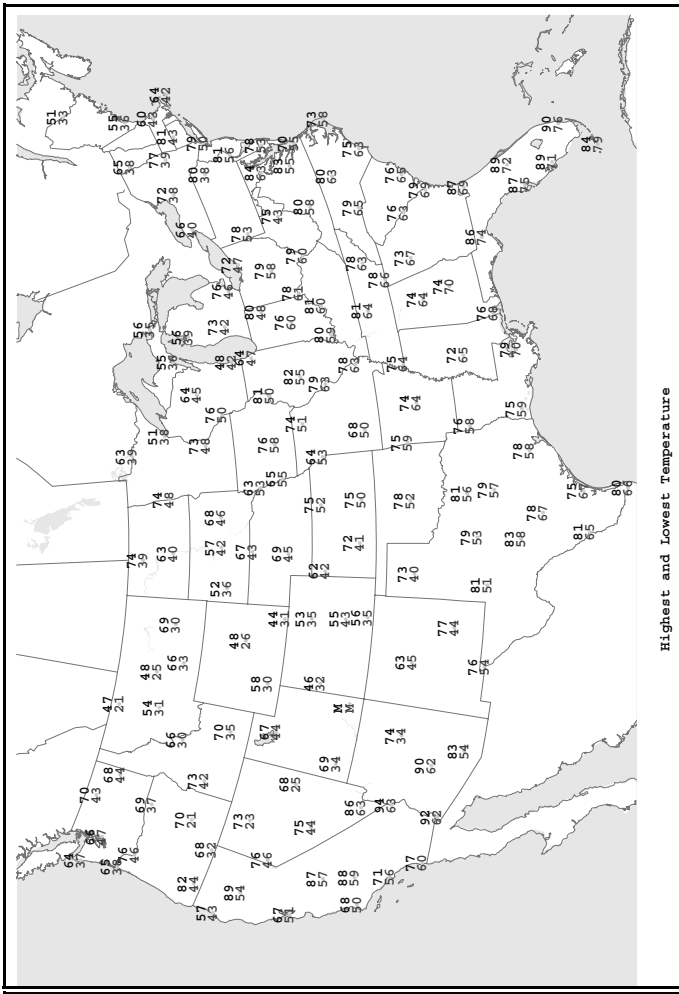
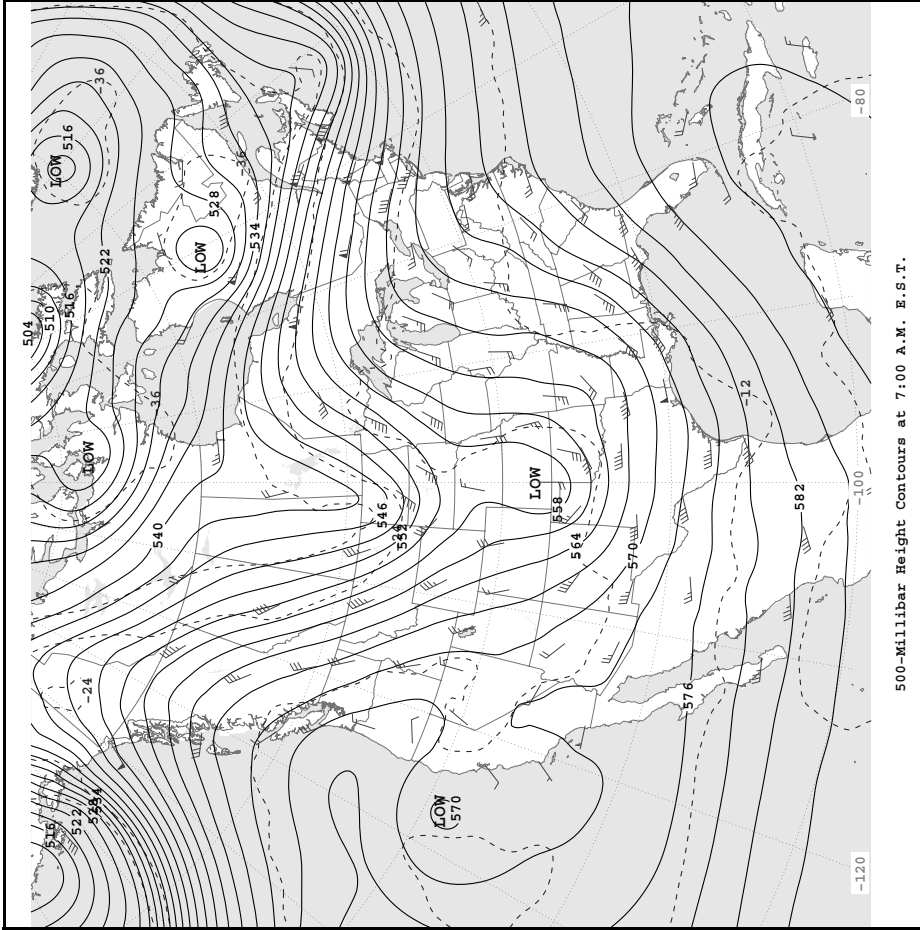
Visibility (in miles): **TT** — **PPP** — 3 Hour Pressure Tendency (in tenths)

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

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

SATURDAY, APRIL 18, 2015



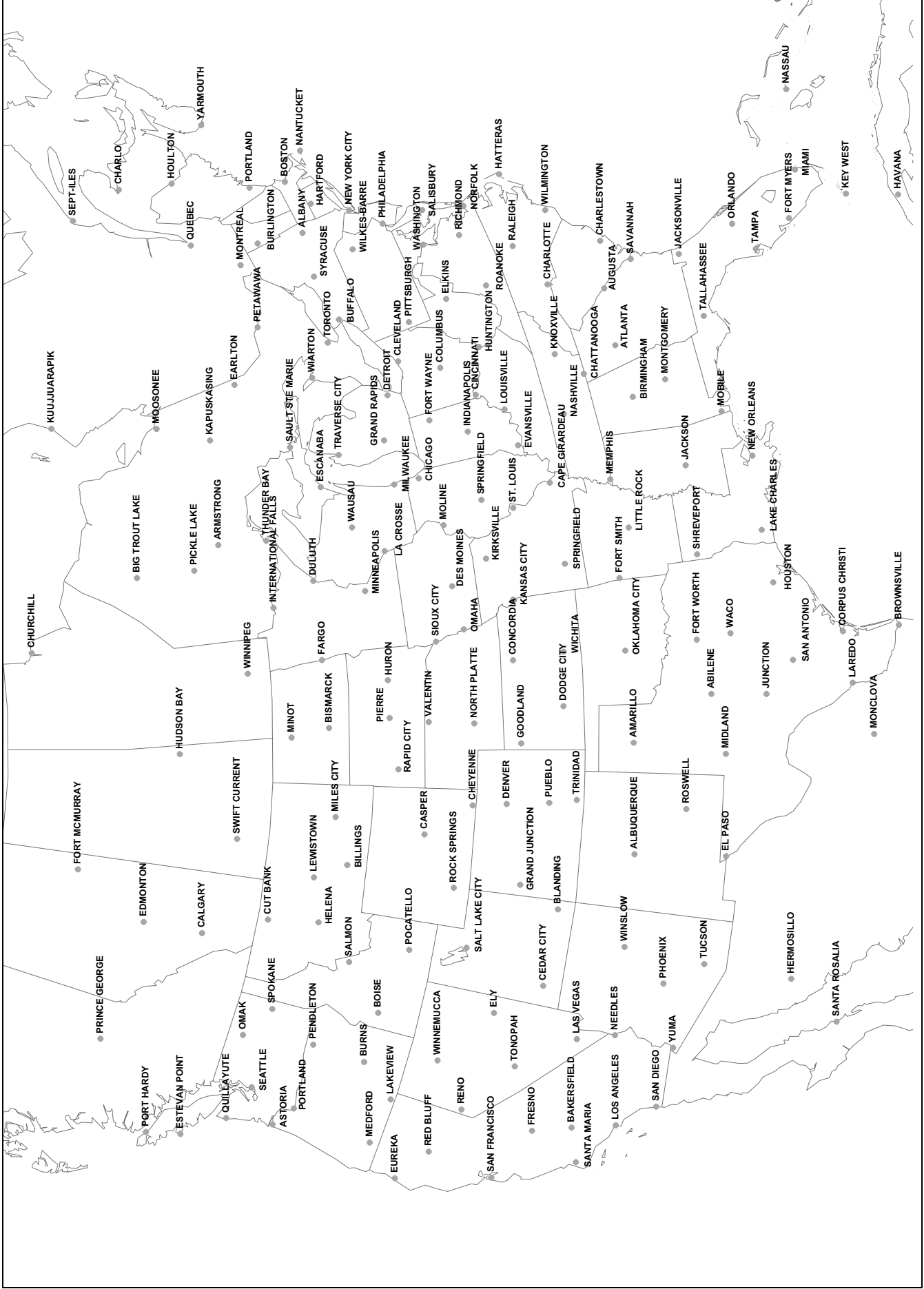


Station Model

The station model diagram includes the following elements:

- Wind Direction:** Indicated by a long feather (10 knots) and a short feather (5 knots).
- Current Temperature (in °F):** Represented by the number 'dd'.
- Visibility (in miles):** Represented by the letter 'V'.
- Present Weather Symbol:** Represented by the letters 'PP'.
- Dew Point Temperature:** Represented by the letters 'TT'.
- 3-Hour Pressure Tendency (in tenths):** Represented by the letters 'PPP'.
- 6-Hour Total Precipitation (in hundredths of an inch):** Represented by the letters 'PPa'.

SUNDAY, APRIL 19, 2015



Daily Weather Map Station Names and Locations