



Daily Weather Maps

APRIL 11, 2016 - APRIL 17, 2016

Week 15

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.

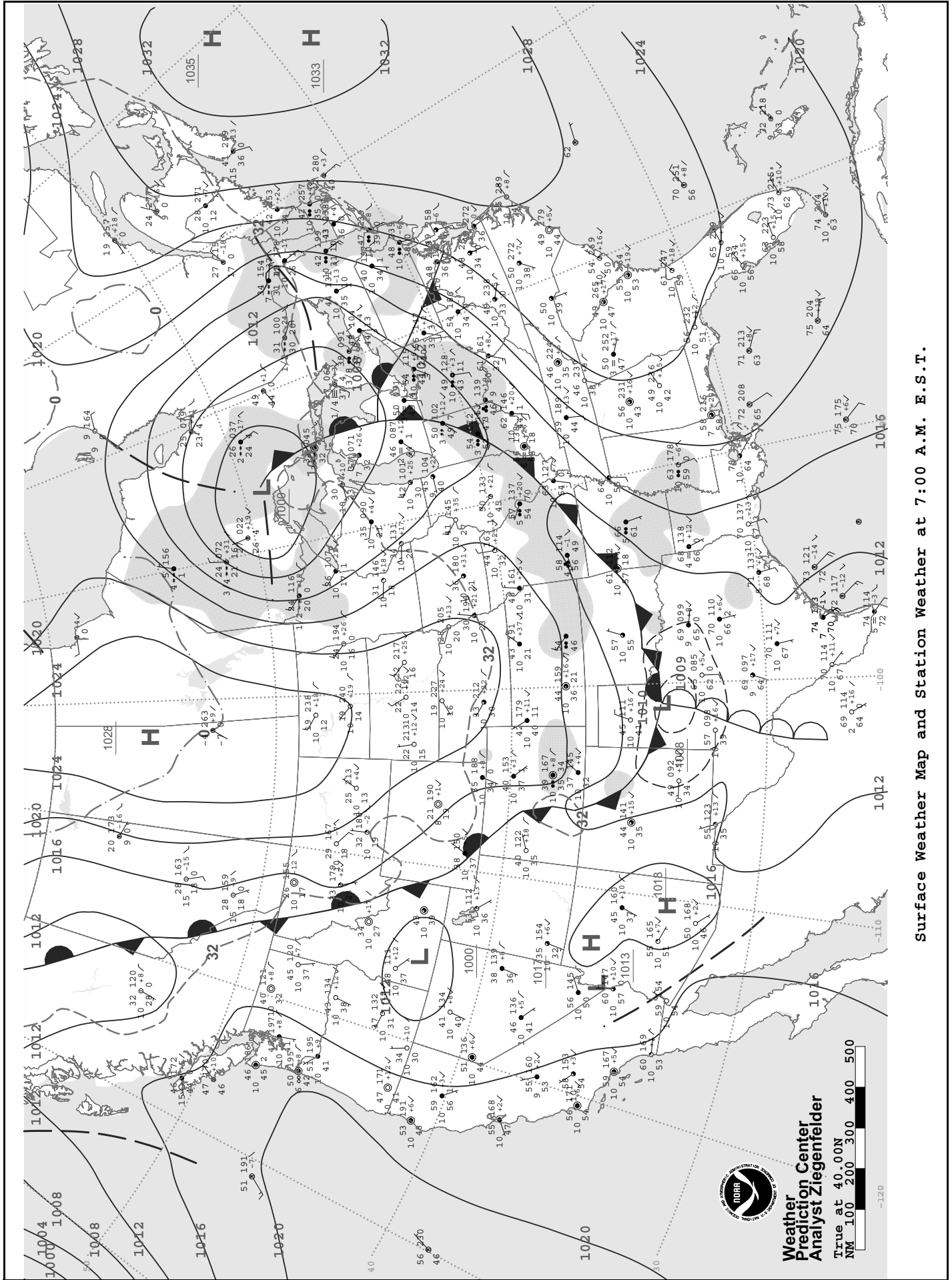
The Precipitation Areas and Amounts chart shows areas (shaded) that had precipitation during the 24 hours ending at 7:00 a.m. EST, with amounts to the nearest hundredth of an inch. "T" indicates a trace of precipitation.

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.

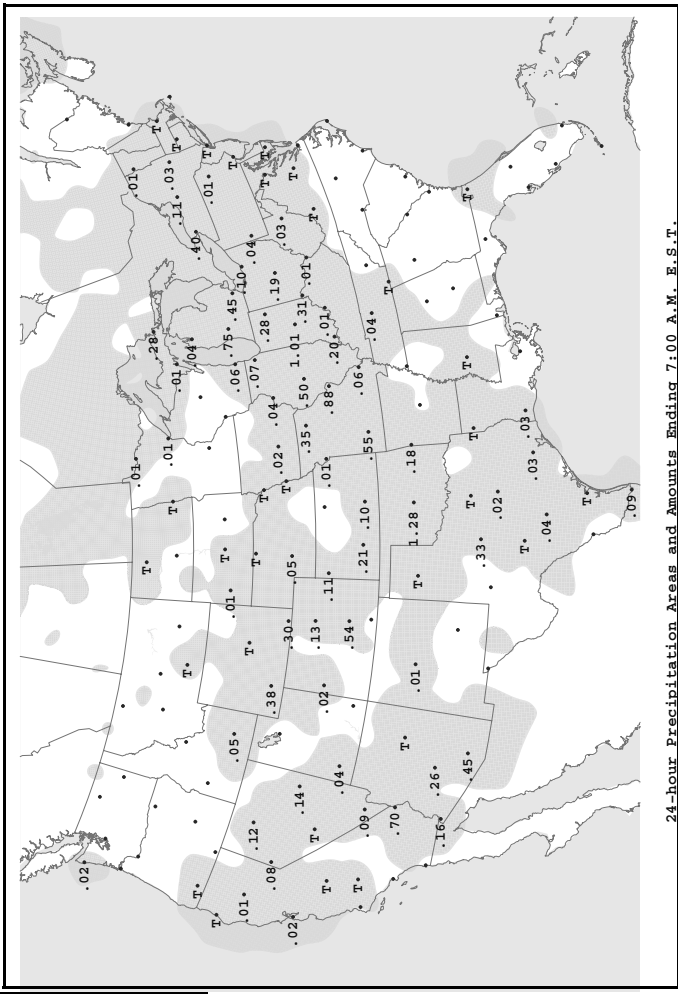
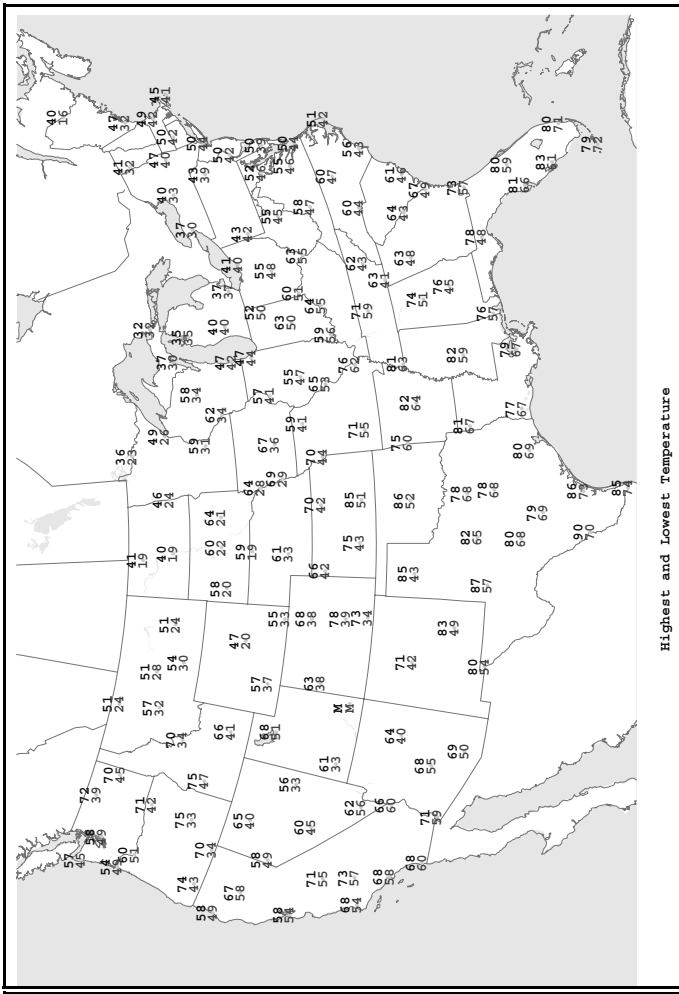
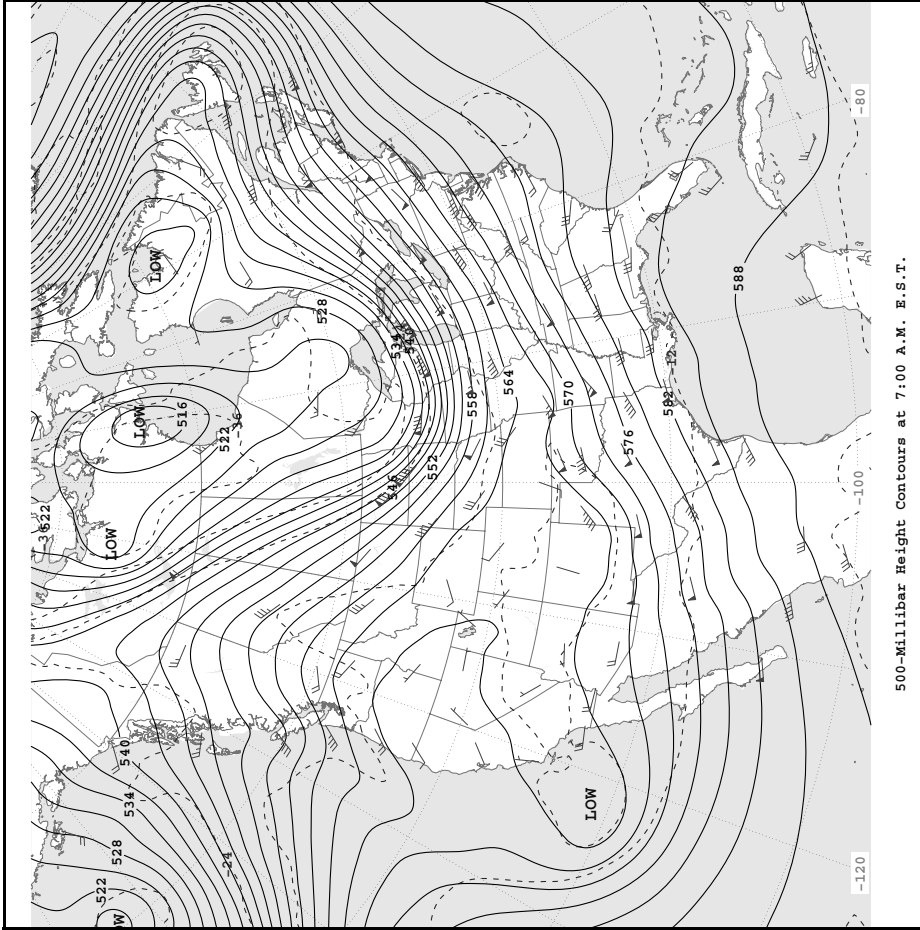
Correspondence to the meteorologists should be directed to: *Daily Weather Map*, NOAA/National Weather Service, Room 4640, 5830 University Research Court, College Park, MD 20740.

The *Daily Weather Map* is available online at www.wpc.ncep.noaa.gov/dwm/dwm.shtml.

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**

Current Temperature (in °F): **dd**

Visibility (in miles): **V**

Present Weather Symbol: **TT**

Dew Point Temperature: **PP**

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

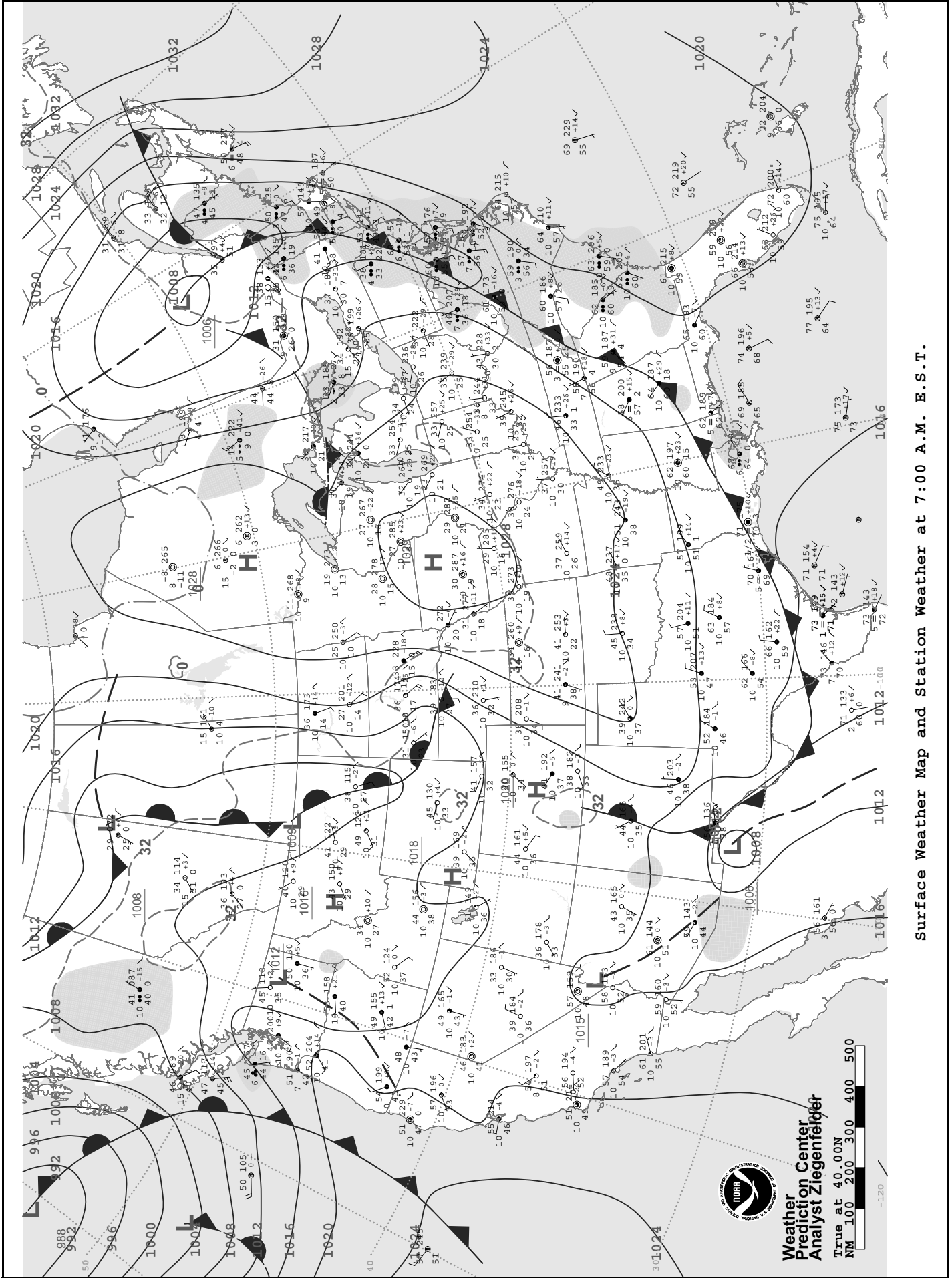
3-Digit Surface Pressure (in tenths): Ex: 989 = 998.9mb, 012 = 1001.2mb

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

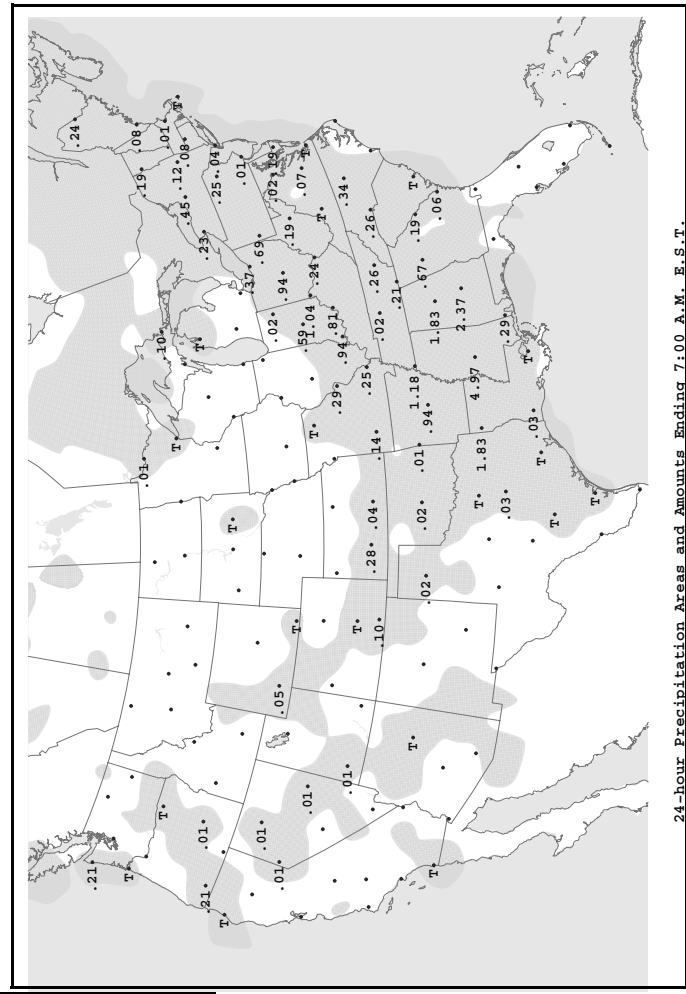
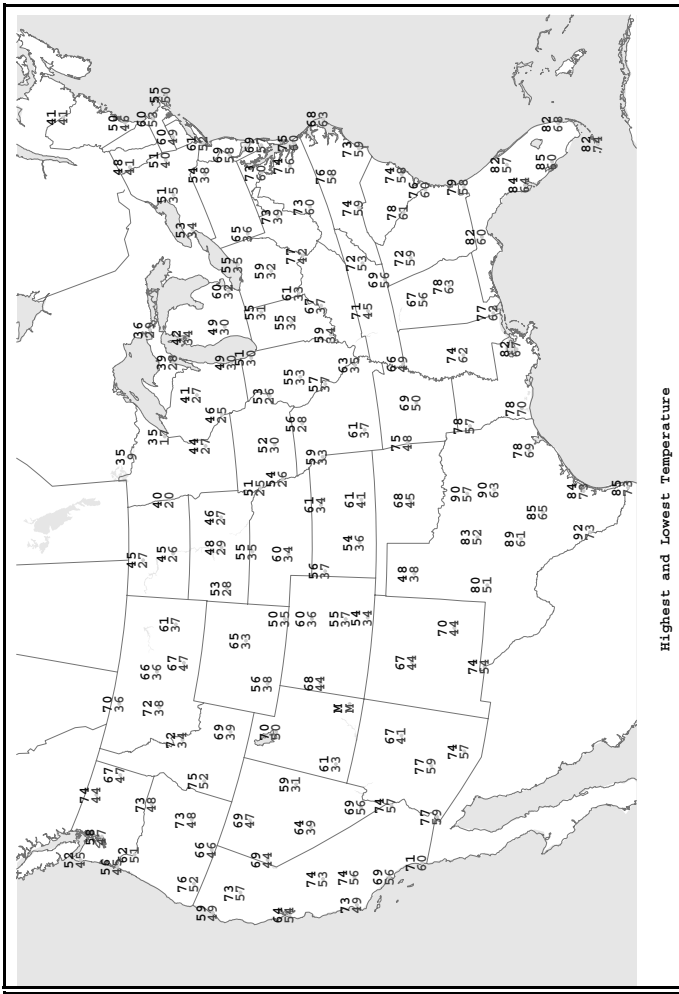
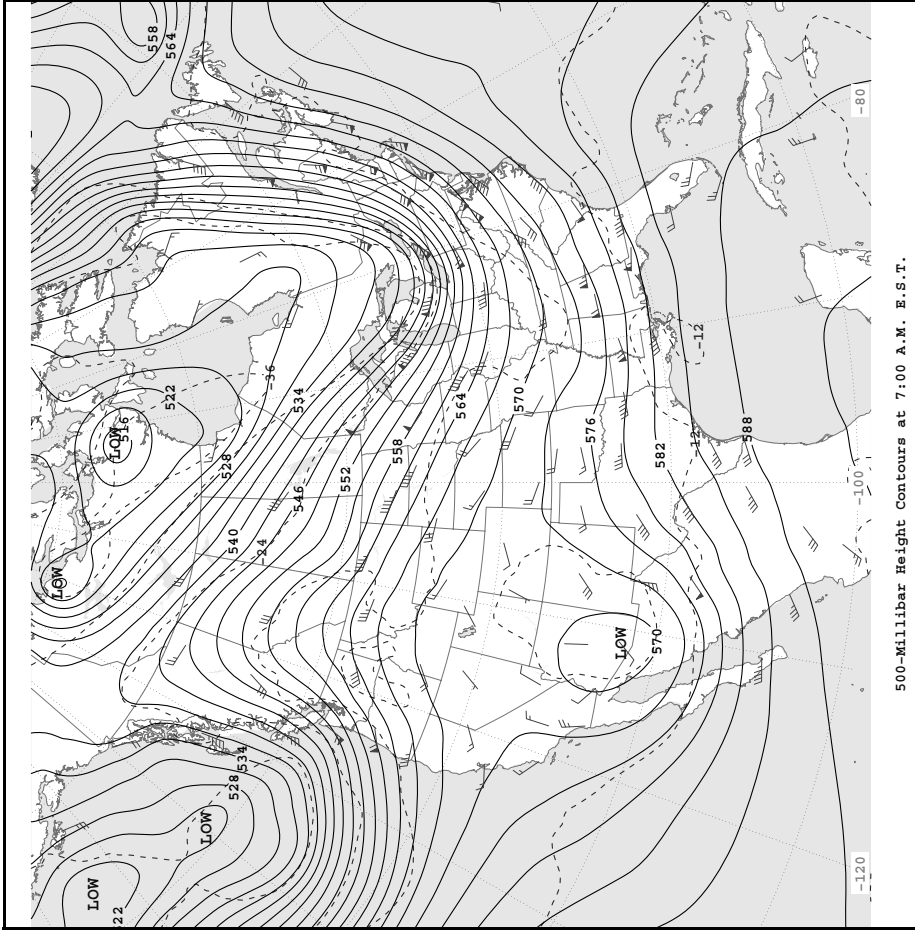
6 Hour Total Precipitation (in hundredths of an inch): **RR**

Sky Cover: **RR**

MONDAY, APRIL 11, 2016



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

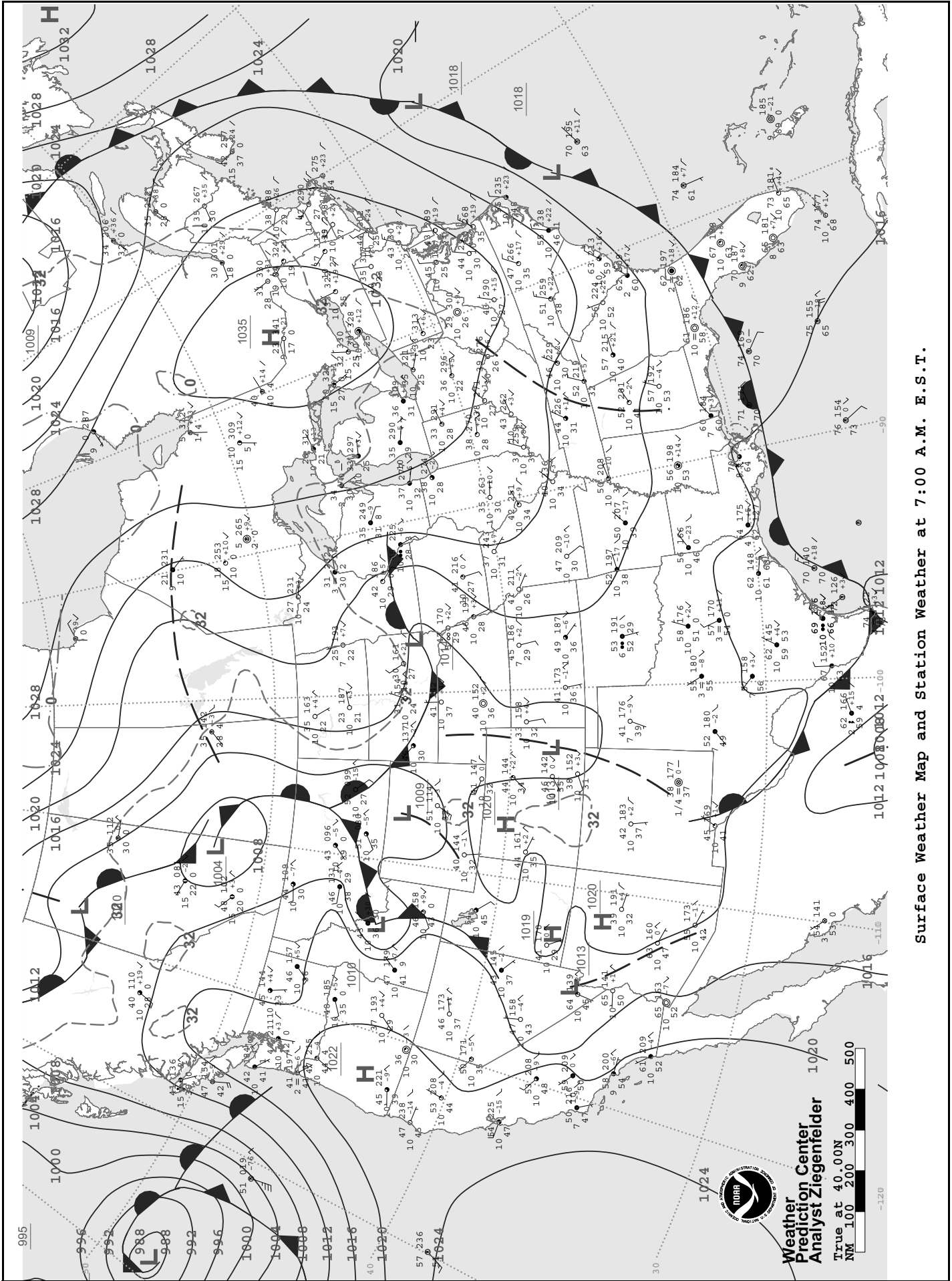


Station Model

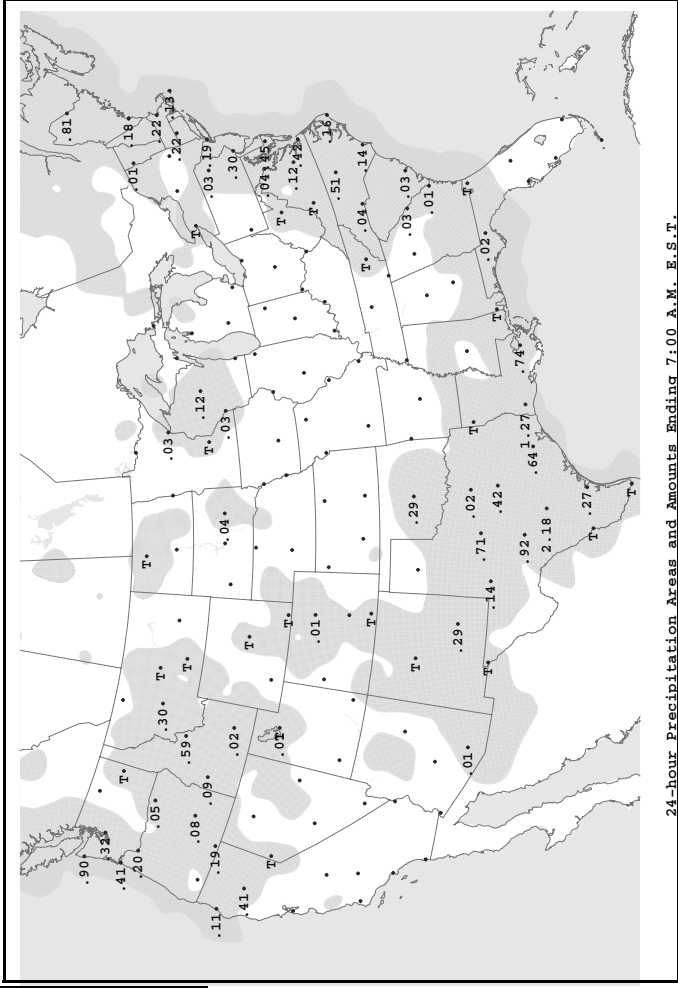
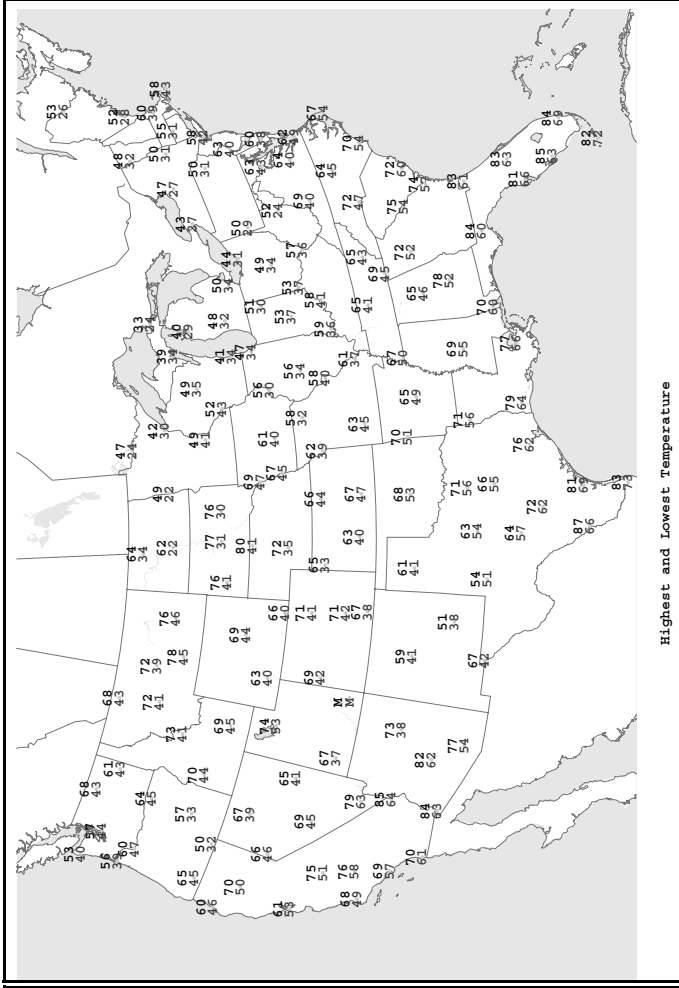
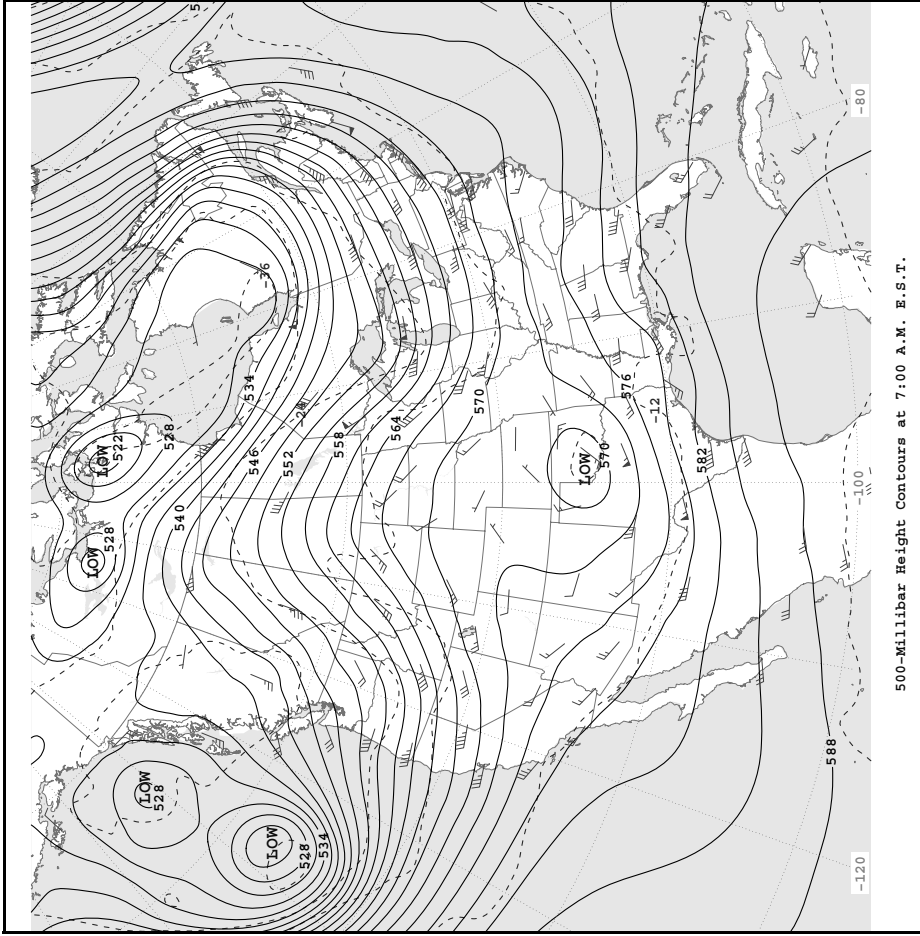
The station model diagram includes the following elements and their corresponding data fields:

- Wind Direction:** Indicated by a long feather (dd) and a short feather (ff).
- Current Temperature (in °F):** Indicated by the number 'T'.
- Visibility (in miles):** Indicated by the number 'V'.
- Present Weather Symbol:** Indicated by the symbol 'PP'.
- Dew Point Temperature:** Indicated by the number 'DD'.
- Wind Speed:** Indicated by the number 'W'.
- 3-Digit Surface Pressure (in tenths):** Indicated by the number 'PPP'.
- 3 Hour Pressure Tendency (in tenths):** Indicated by the number 'PPa'.
- 6 Hour Total Precipitation (in hundredths of an inch):** Indicated by the number 'RR'.
- Sky Cover:** Indicated by the number 'Sky_Cover'.

TUESDAY, APRIL 12, 2016



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



Station Model

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

Current Temperature (in °F): **dd**

Wind Speed: **ff**

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

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

Visibility (in miles): **V**

Present Weather Symbol: **TT**

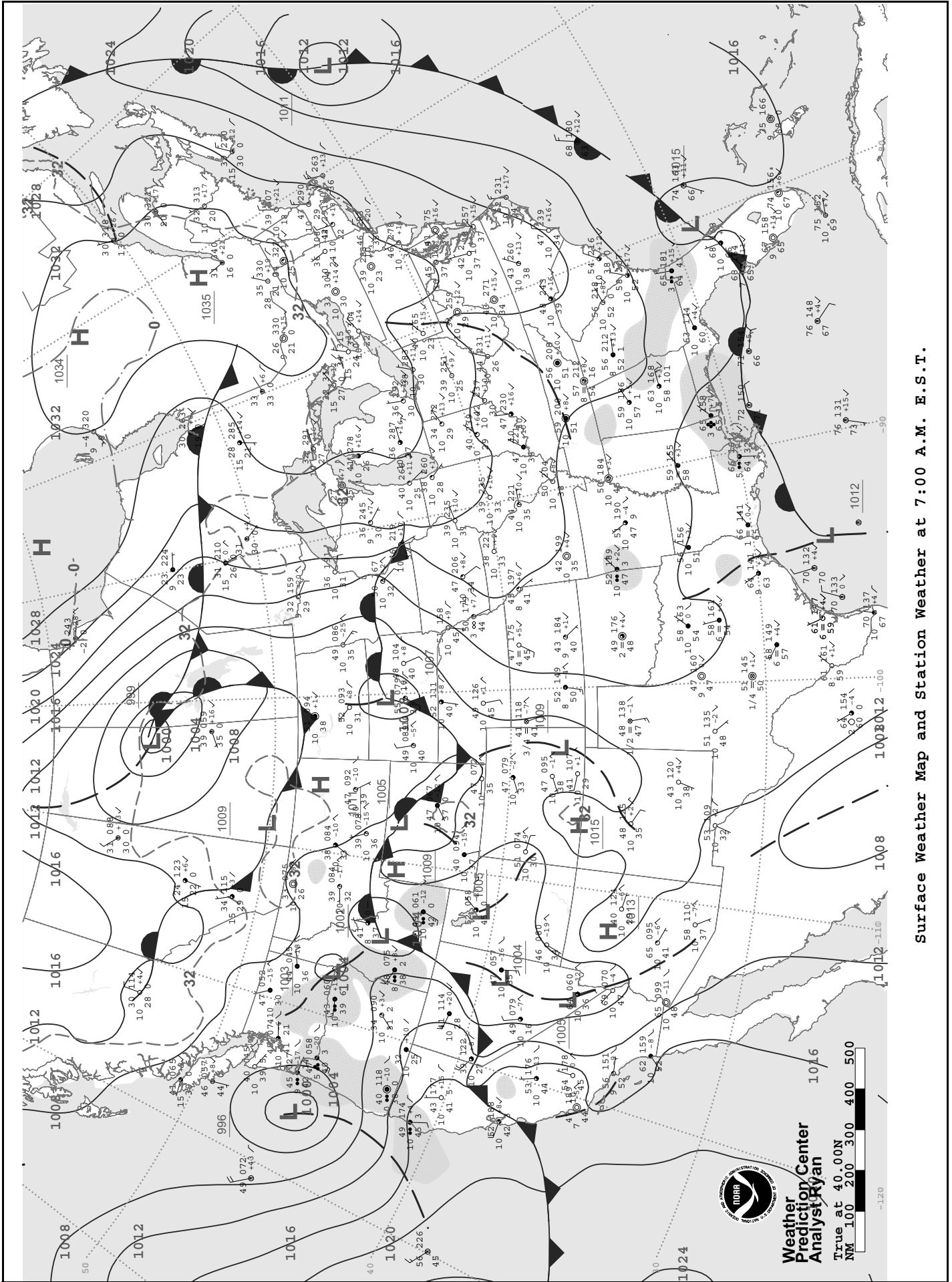
6 Hour Total Precipitation (in hundredths of an inch): **RR**

Dew Point Temperature: **TT**

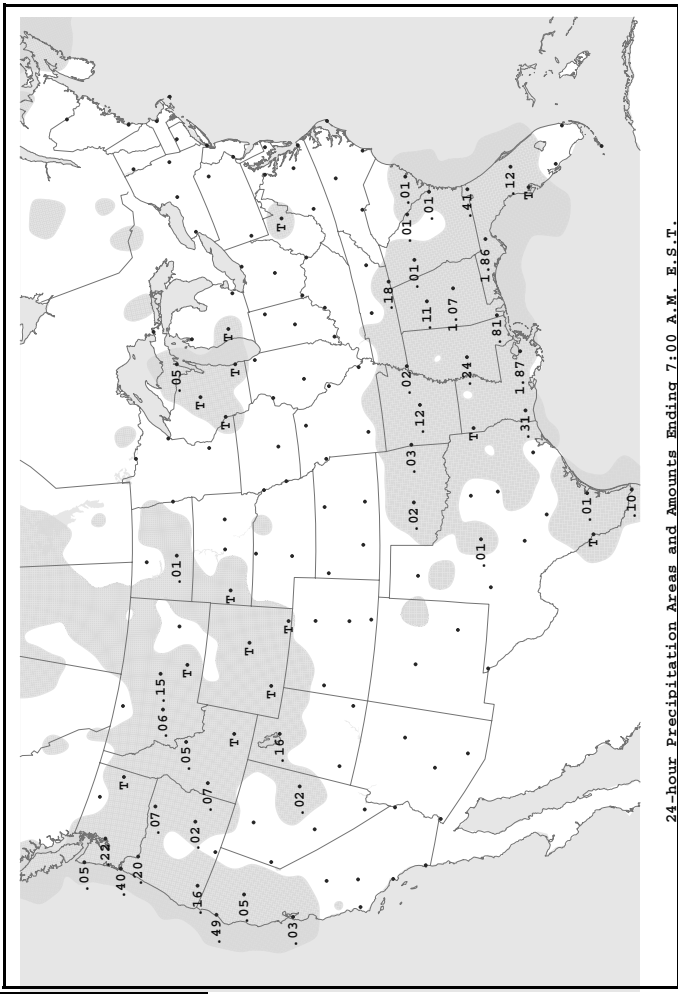
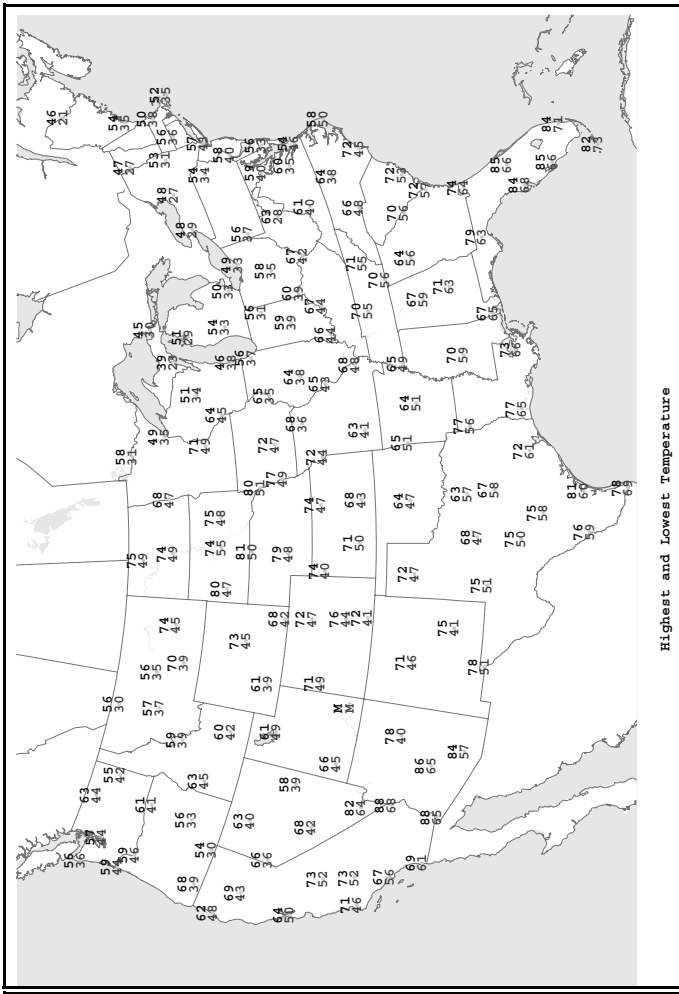
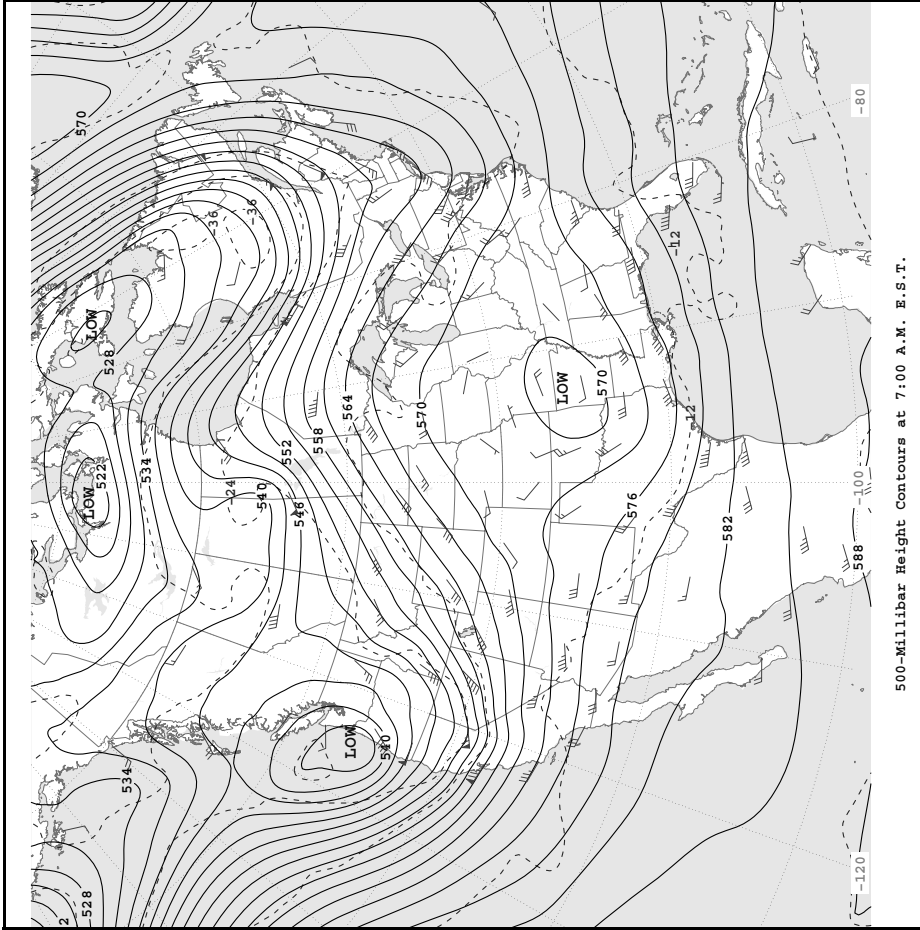
Sky Cover: **—**

Examples: 989 = 998.9mb, 012 = 1001.2mb

WEDNESDAY, APRIL 13, 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

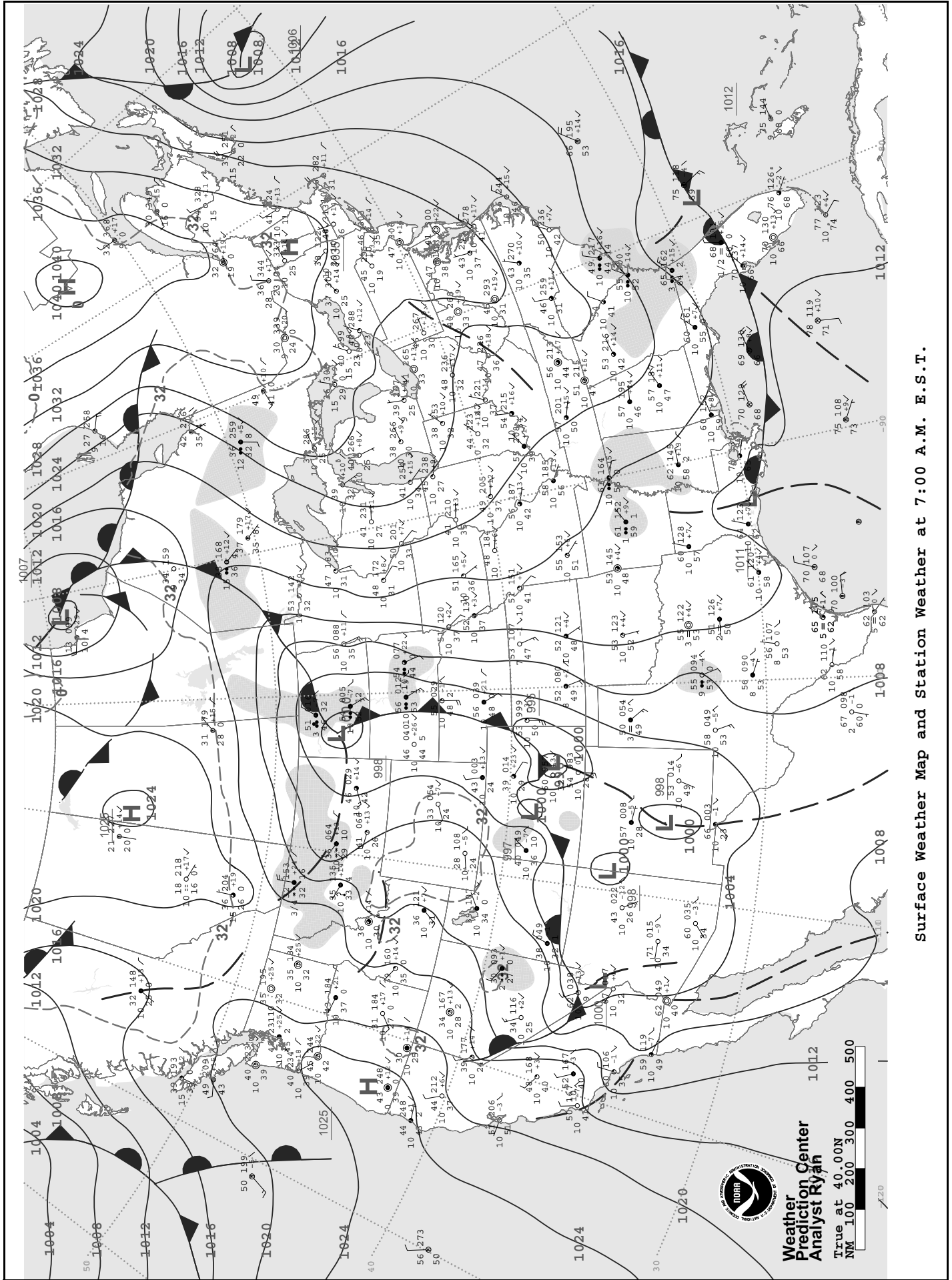
Current Temperature (in °F): 3-Digit Surface Pressure (in tenths), Ex: 989 = 998.9mb, 012 = 1001.2mb

Visibility (in miles): 3 Hour Pressure Tendency (in tenths)

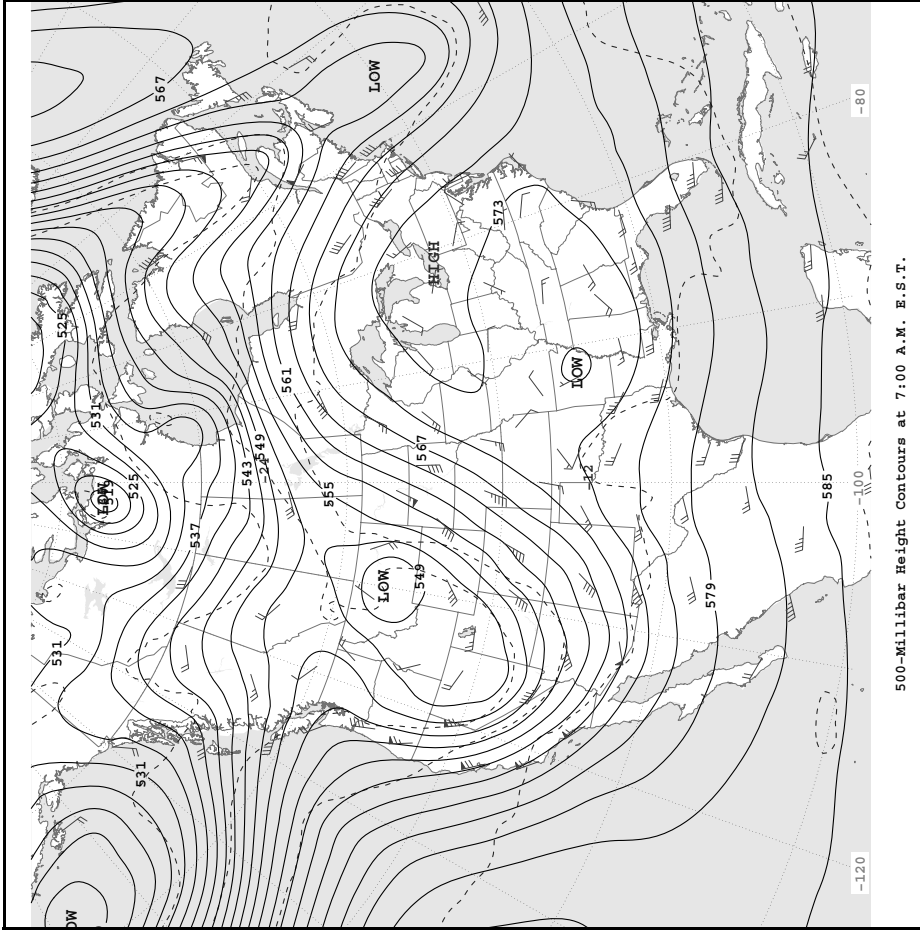
Present Weather Symbol: 6 Hour Total Precipitation (in hundredths of an inch)

Dew Point Temperature: Sky Cover:

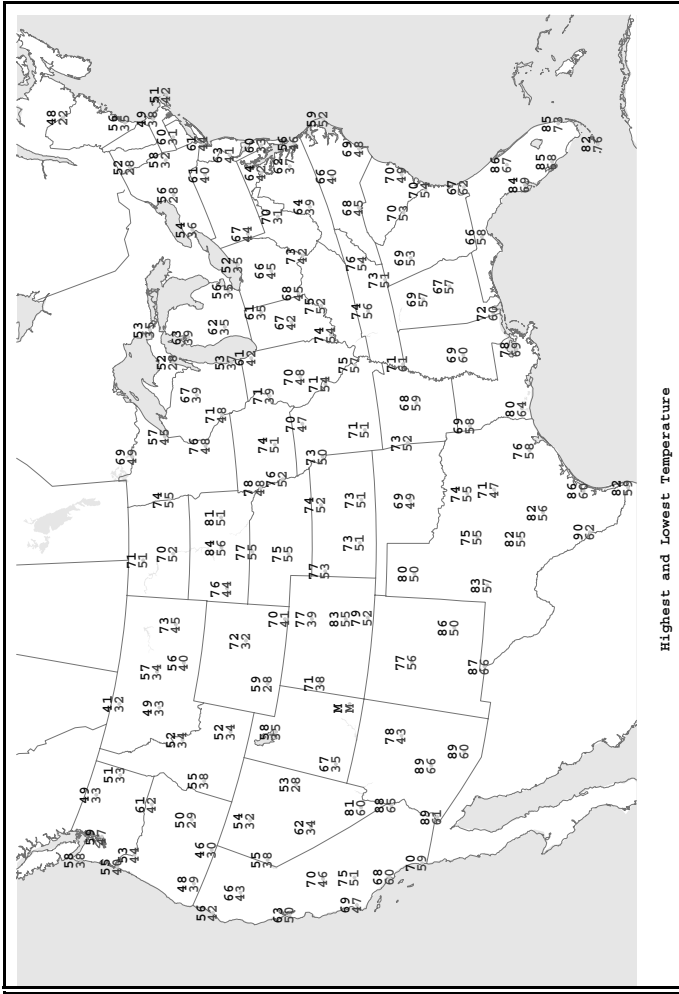
THURSDAY, APRIL 14, 2016



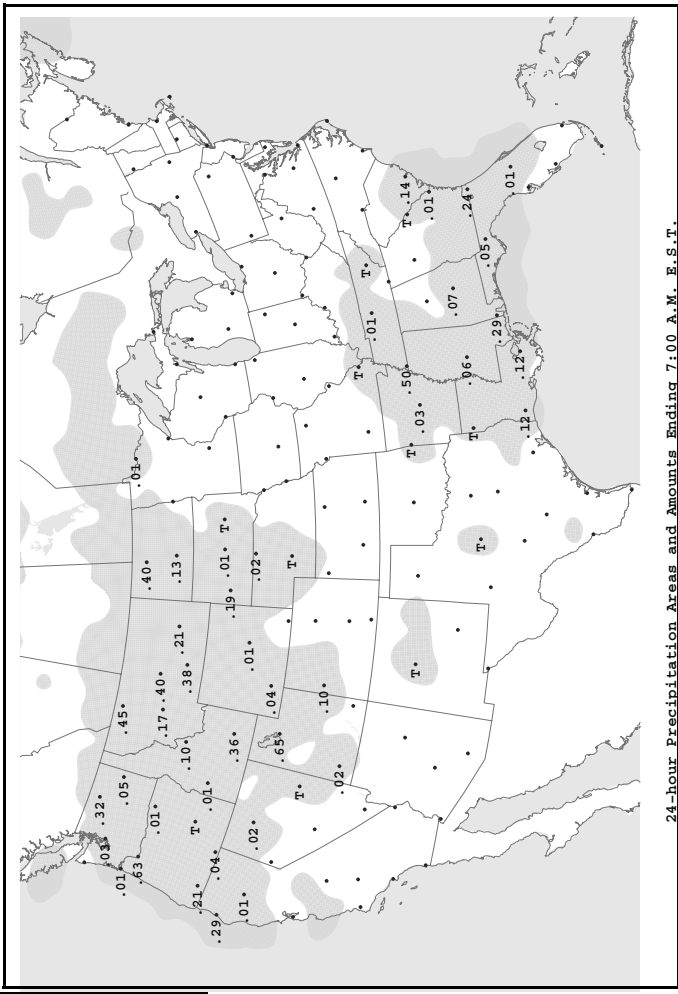
Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.



500-millibar height contours at 7:00 A.M. E. S. T.



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

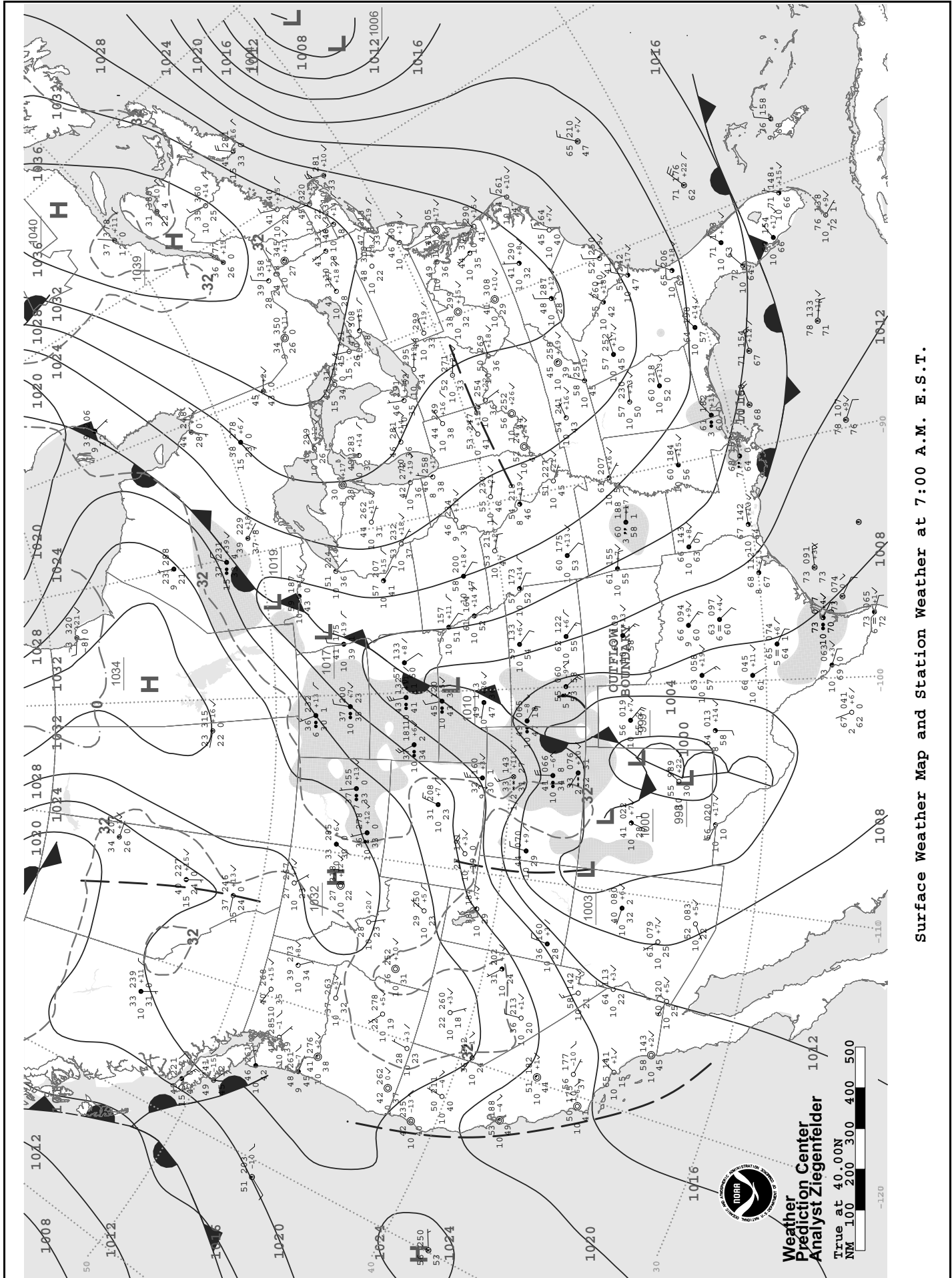
Current Temperature (in °F) — dd ———
 Visibility (in miles) — V ———
 Present Weather Symbol ———
 Dew Point Temperature ——— Sky Cover

ff ———
 PPP ———
 PP a ———
 RR ———

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)

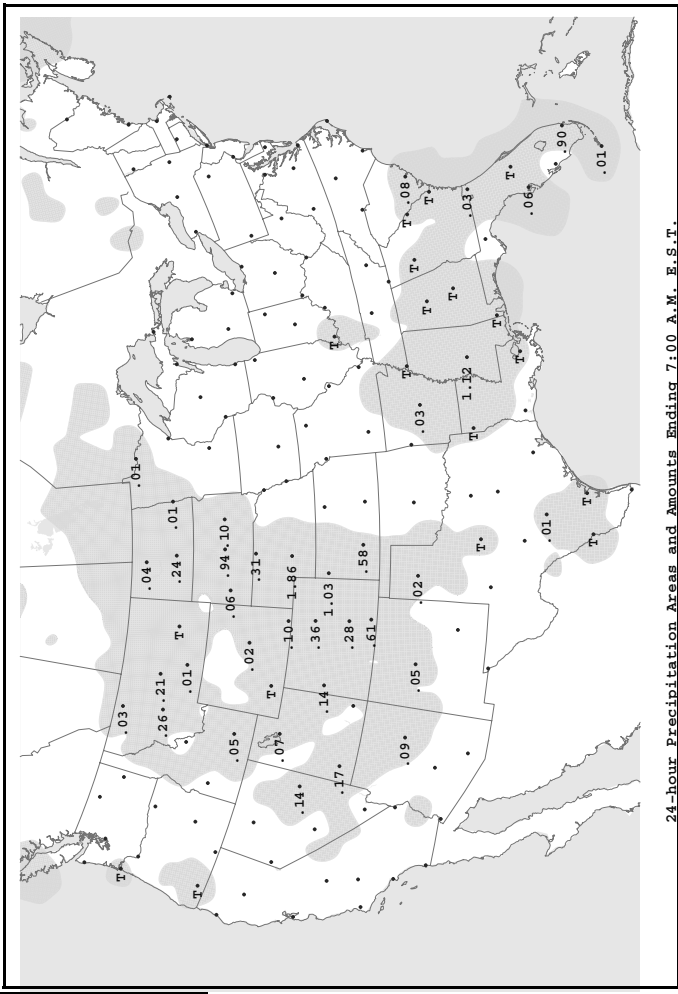
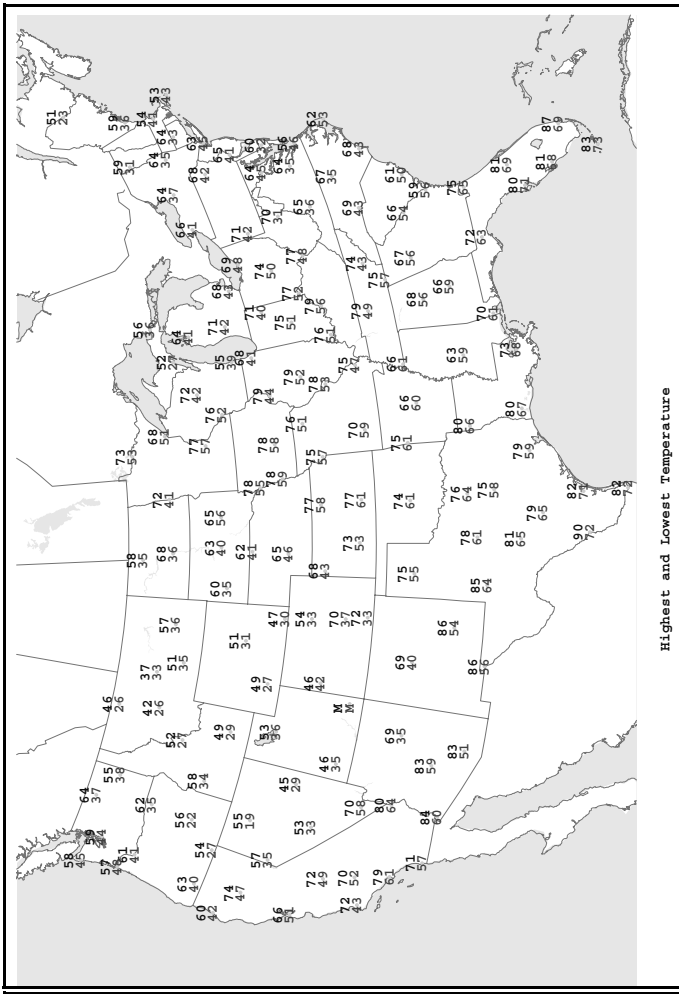
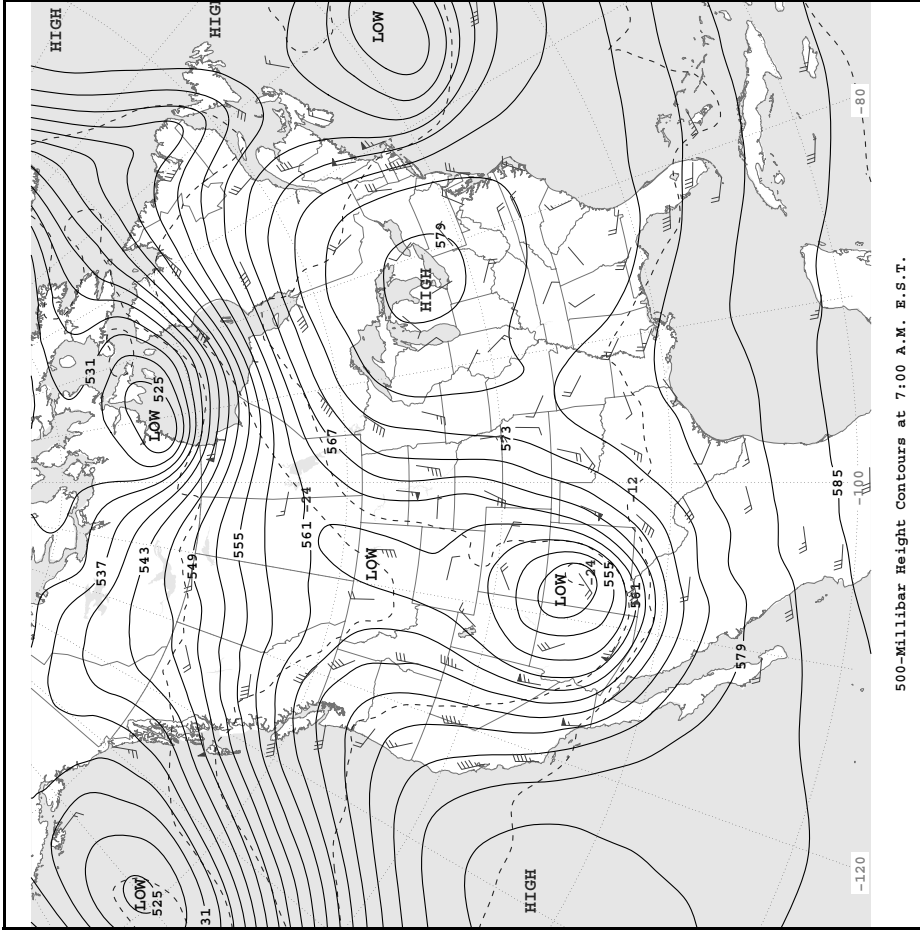
FRIDAY, APRIL 15, 2016



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

Weather Prediction Center
Analyst Ziegenfelder
True at 40.00N
NM 100 200 300 400 500





Station Model

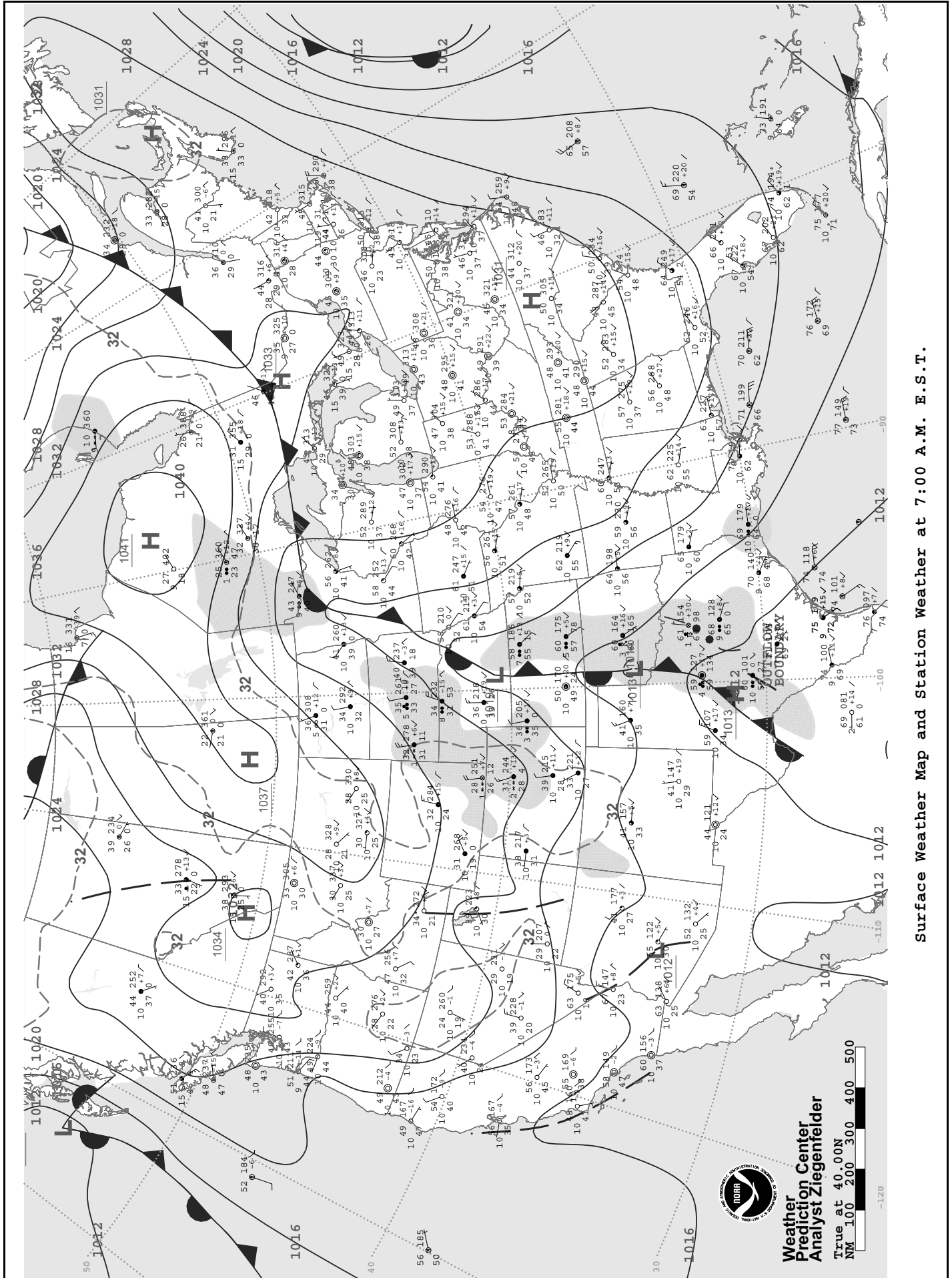
Wind Direction ——— Wind Speed
 Long Feather - 10 knots
 Short Feather - 5 knots

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)

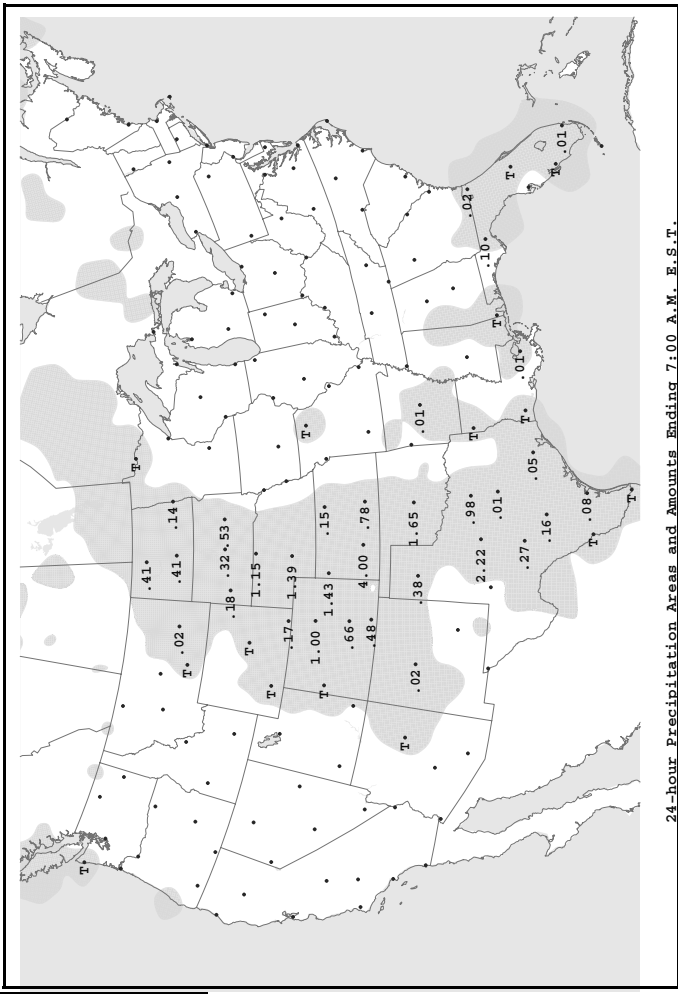
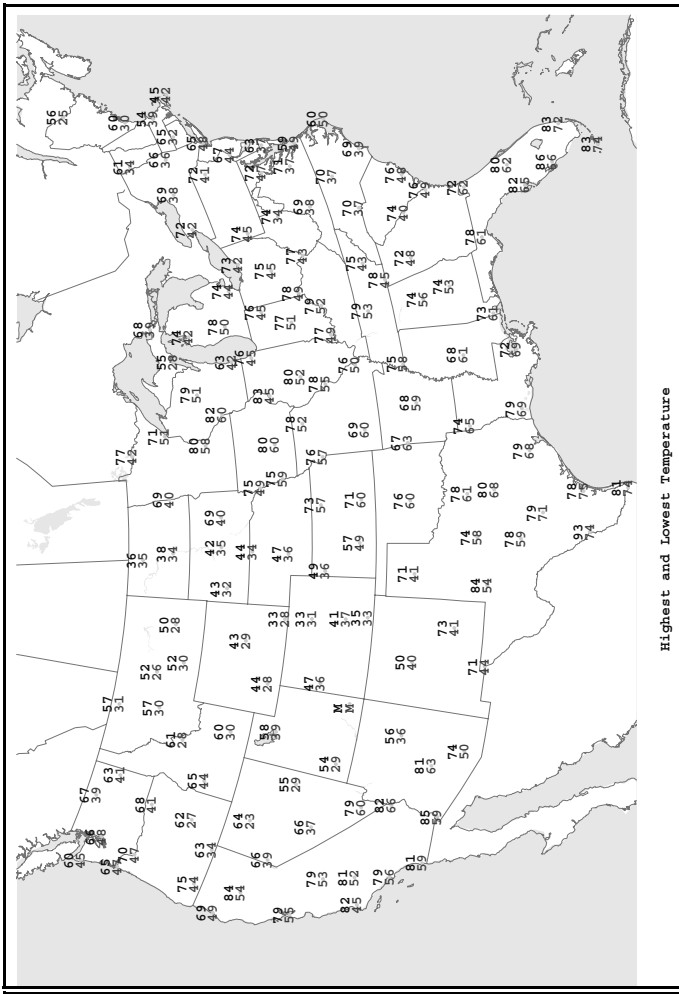
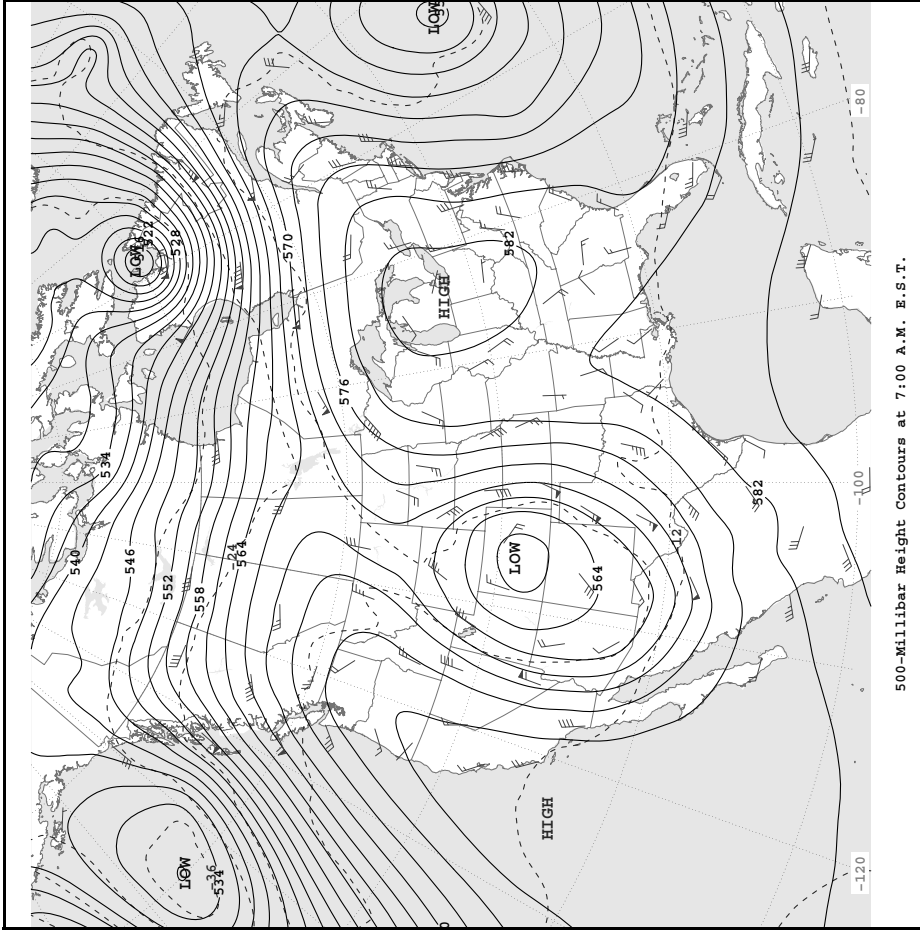
SATURDAY, APRIL 16, 2016



Weather Prediction Center
Analyst Ziegenfelder
True at 40.00N
NM 100 200 300 400 500



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**

Visibility (in miles): **TT**

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

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

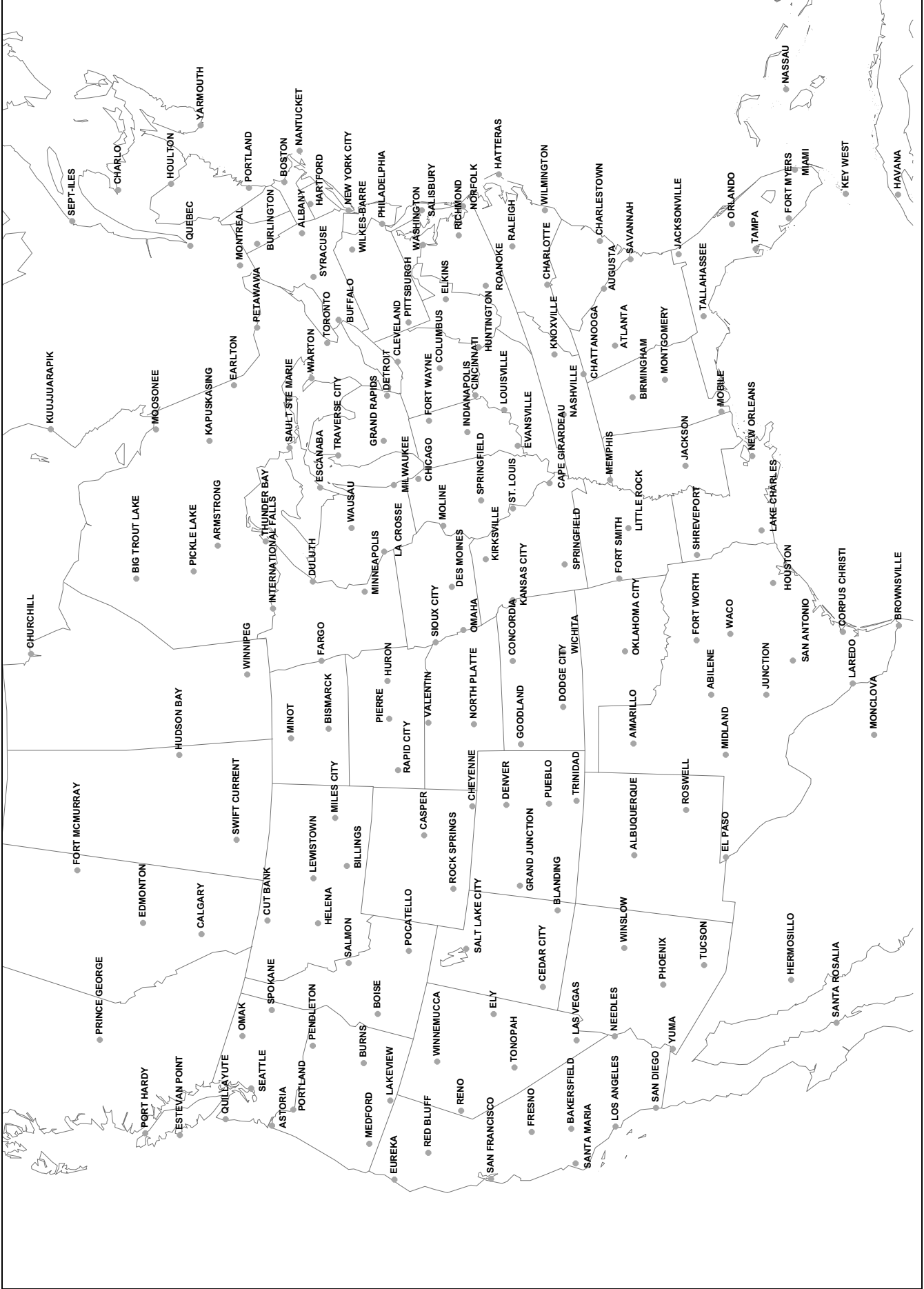
Present Weather Symbol: **●**

Dew Point Temperature: **TTD**

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

Sky Cover: **—**

SUNDAY, APRIL 17, 2016



Daily Weather Map Station Names and Locations