



Daily Weather Maps

MAY 29, 2017 - JUNE 4, 2017

Week 22

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.

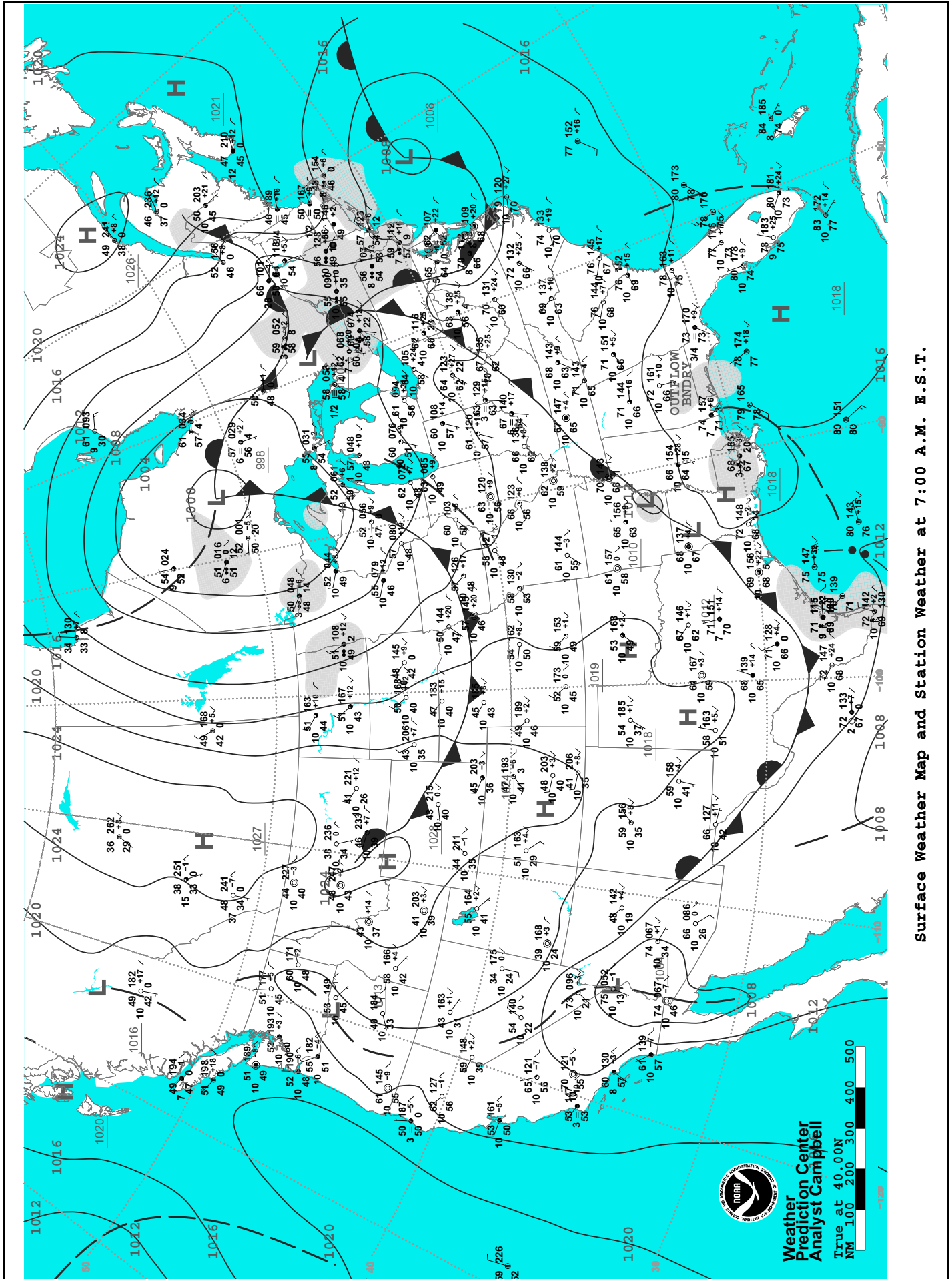
The Precipitation Areas and Amounts chart shows areas (shaded) that had precipitation during the 24 hours ending at 7:00 a.m. EST, with amounts to the nearest hundredth of an inch. "T" indicates a trace of precipitation.

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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.

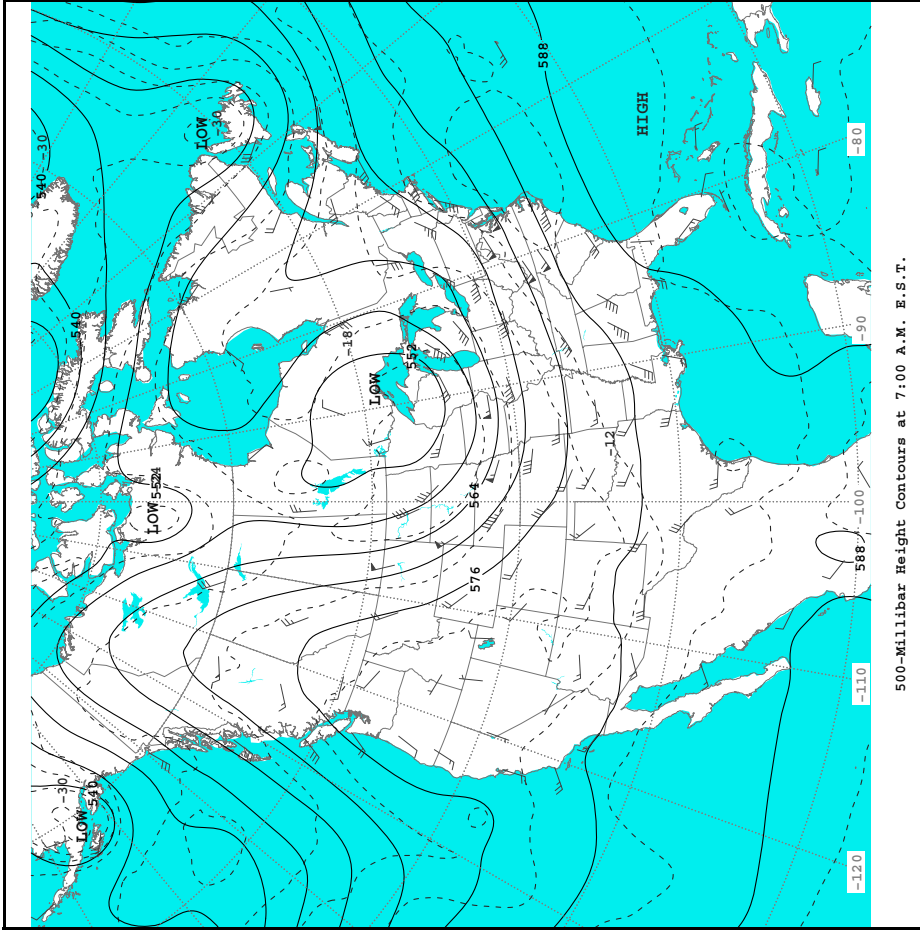
Current WPC products are available online at www.wpc.ncep.noaa.gov



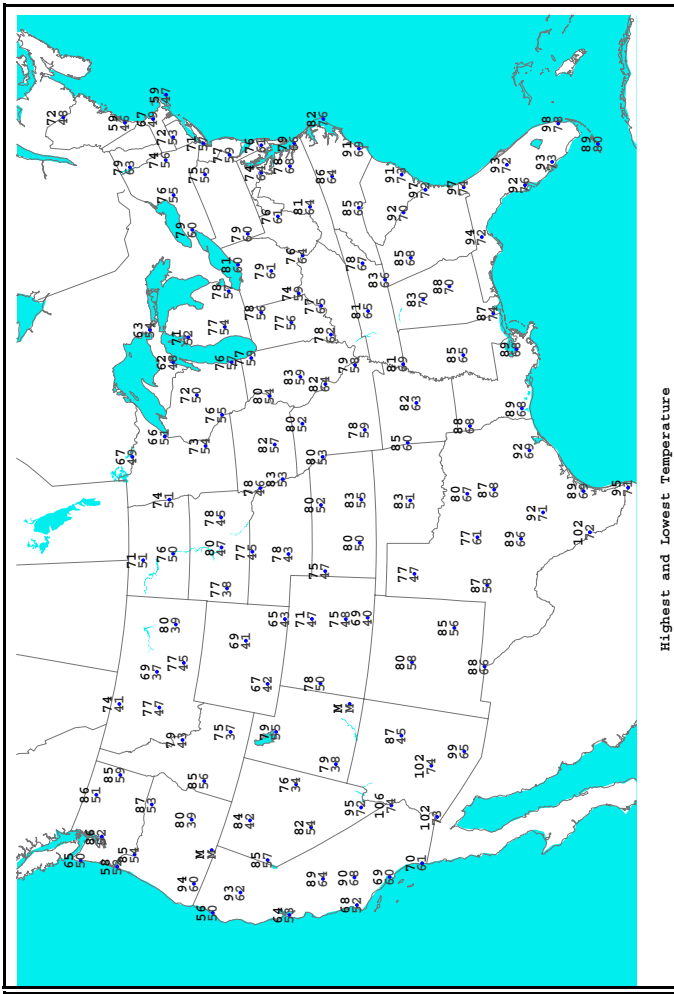
Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.

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

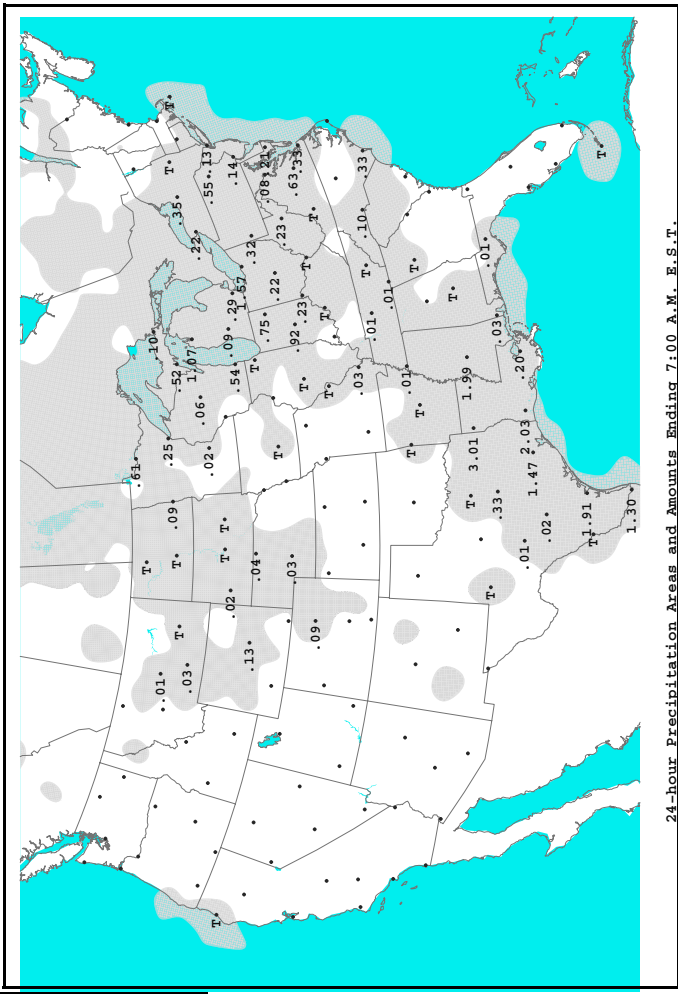




500-Millibar Height Contours at 7:00 A.M. E.S.T.



Highest and Lowest Temperature



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

Station Model

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

Wind Speed: **ff**

Current Temperature (in °F): **dd**

Visibility (in miles): **V**

Present Weather Symbol: **●**

Dew Point Temperature: **TT**

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

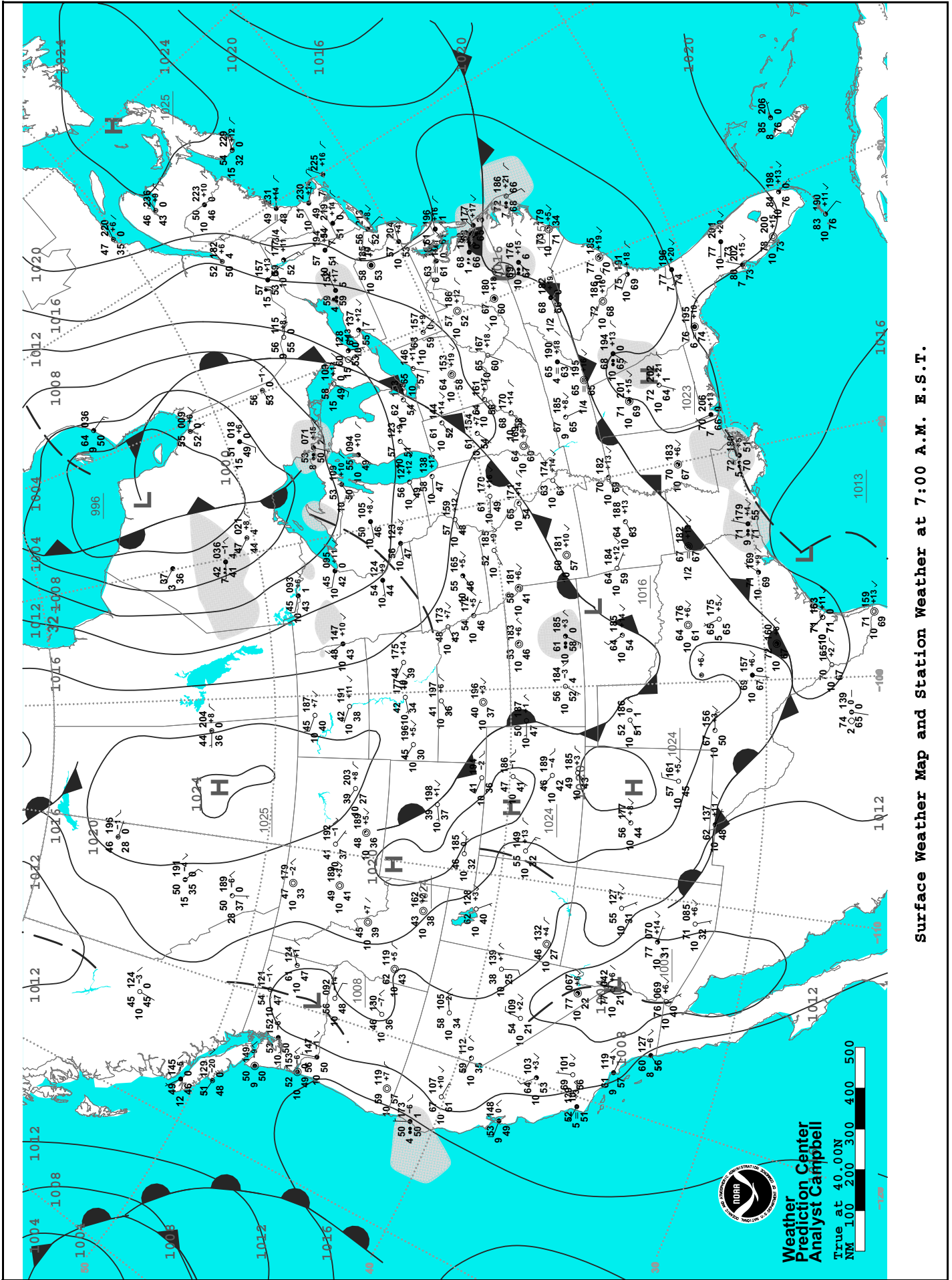
3 Hour Pressure Tendency (in tenths): **PP a**

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

Sky Cover: **RR**

Examples: 989 = 998.9mb, 012 = 1001.2mb

MONDAY, MAY 29, 2017

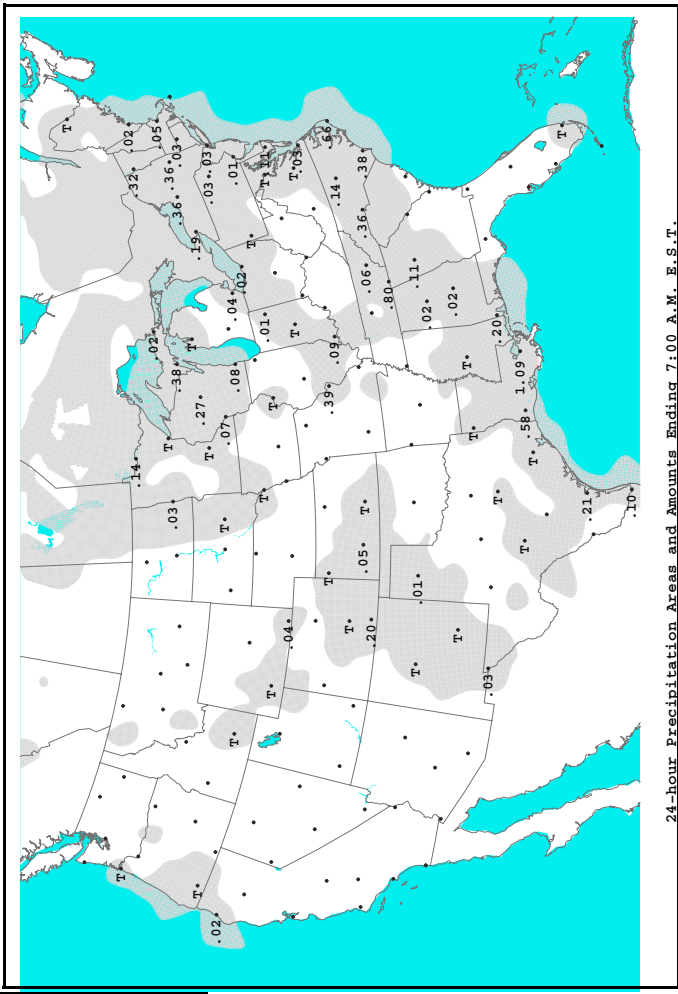
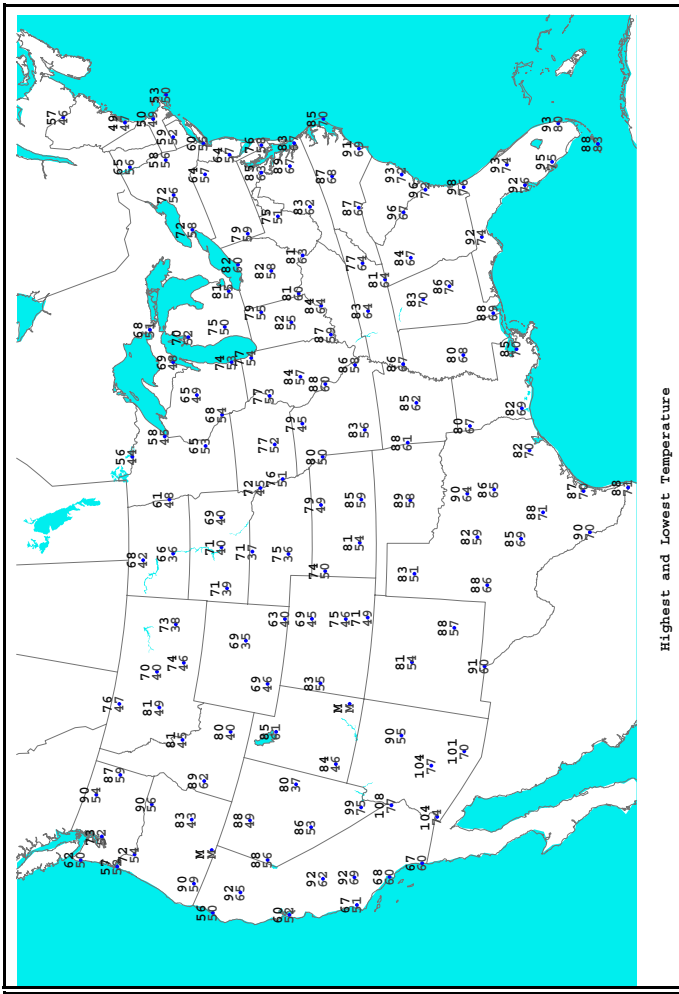
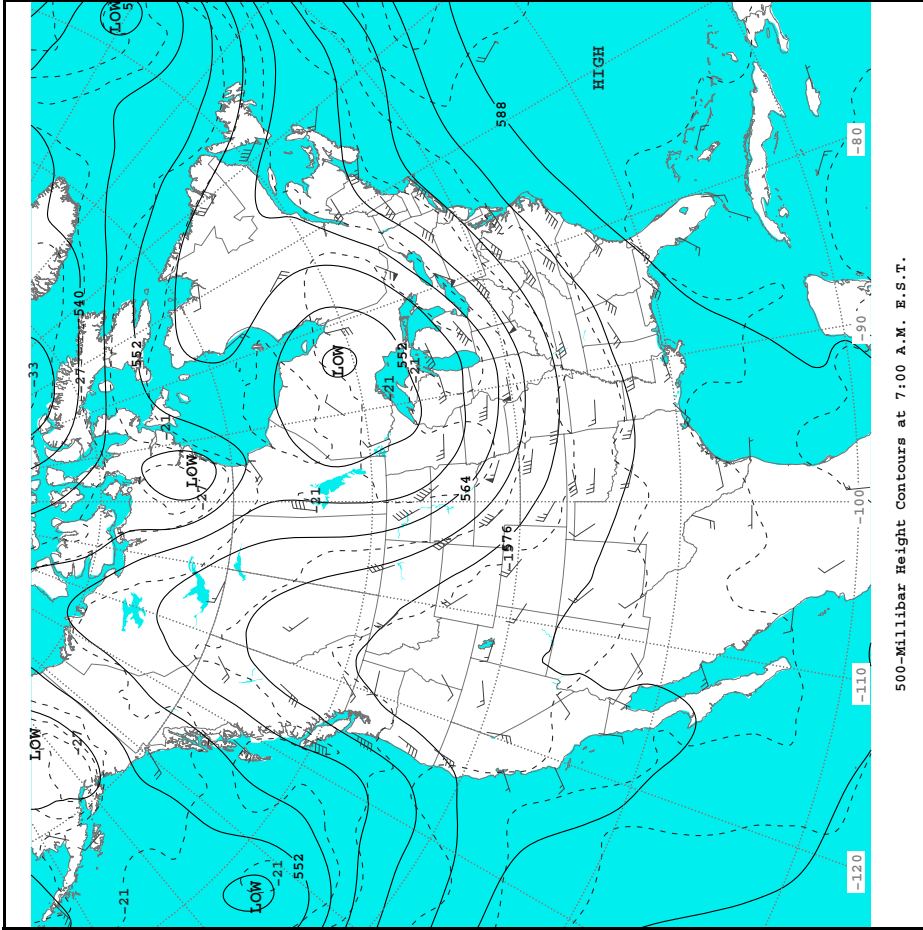


Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.



Weather Prediction Center
Analyst Campbell

True at 40.00N
NW 100 200 300 400 500



Station Model

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

Current Temperature (in °F): **dd**

Wind Speed: **ff**

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

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

Ex: 989 = 998.9mb, 012 = 1001.2mb

Present Weather Symbol: **●**

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

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

Dew Point Temperature: **TT**

Dew Point Temperature: **TT**

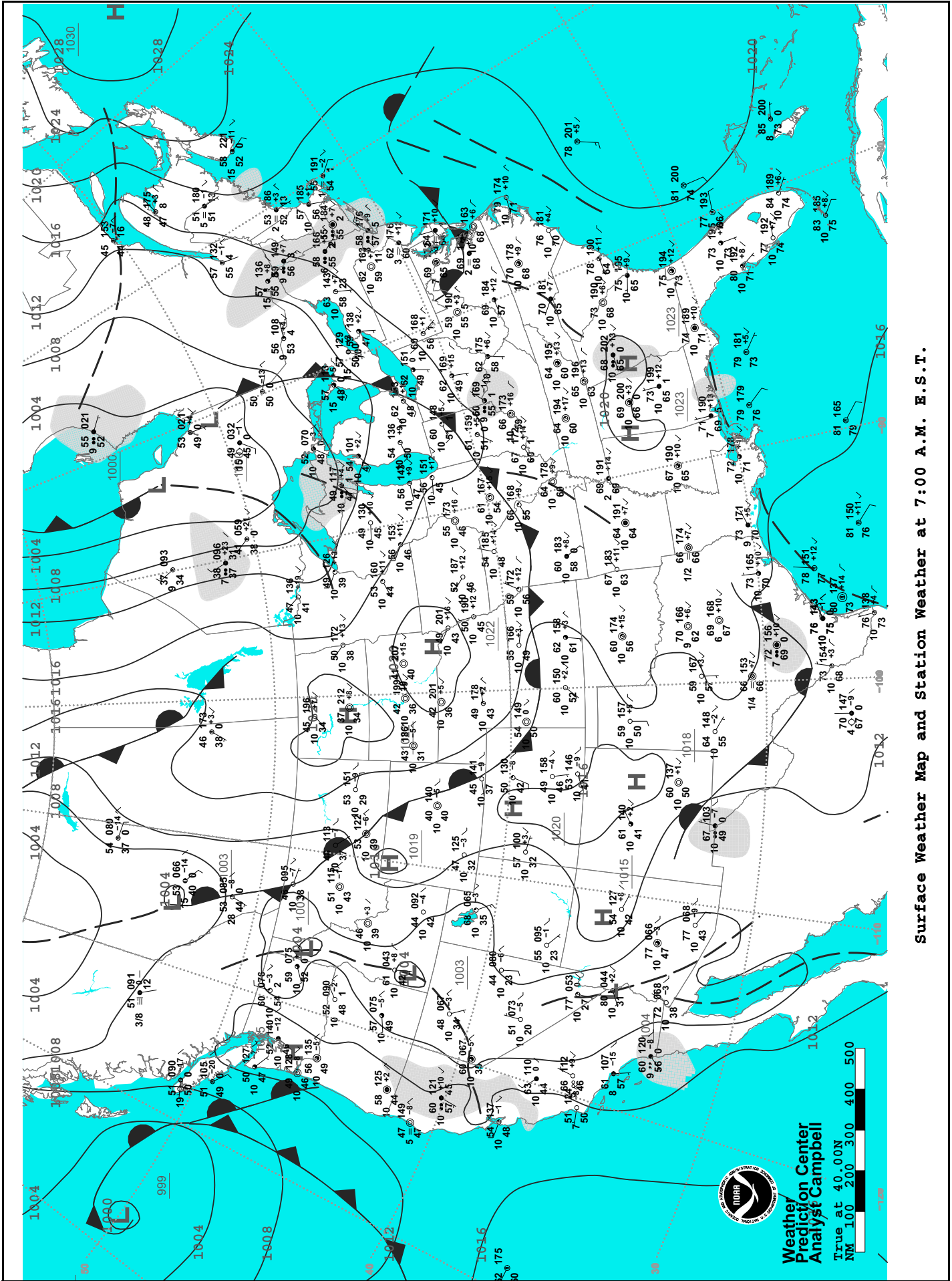
6 Hour Total Precipitation (in hundredths of an inch): **RR**

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

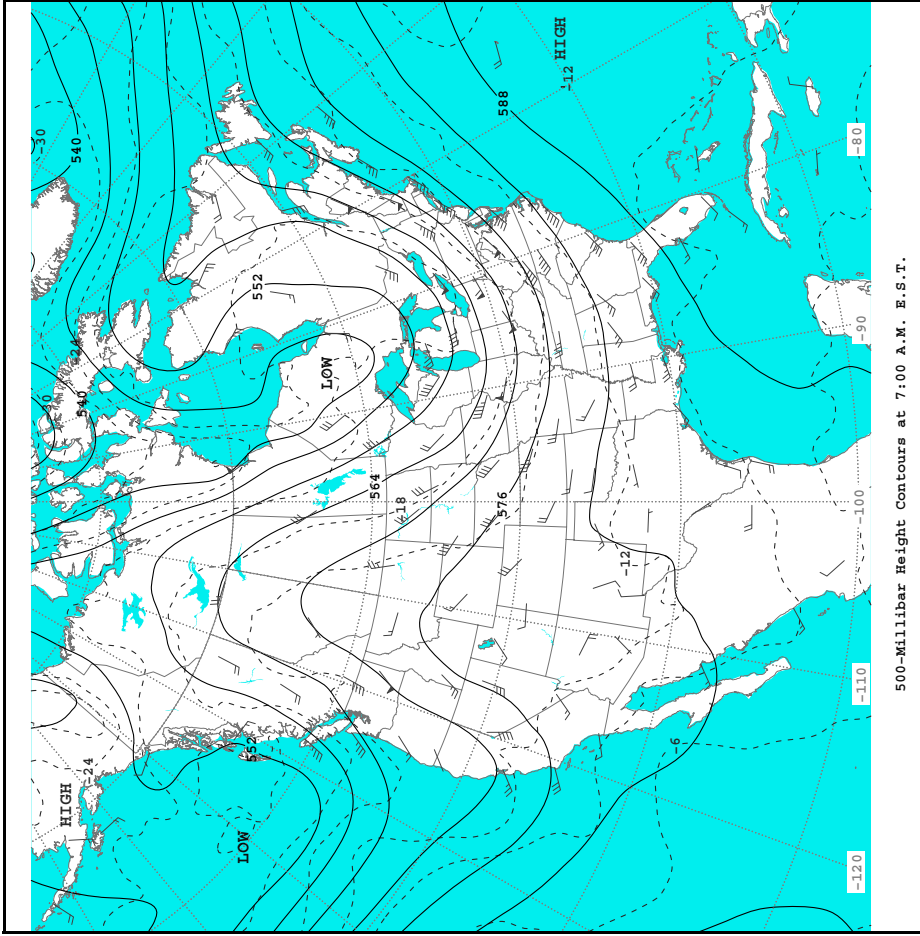
Sky Cover: **—**

Sky Cover: **—**

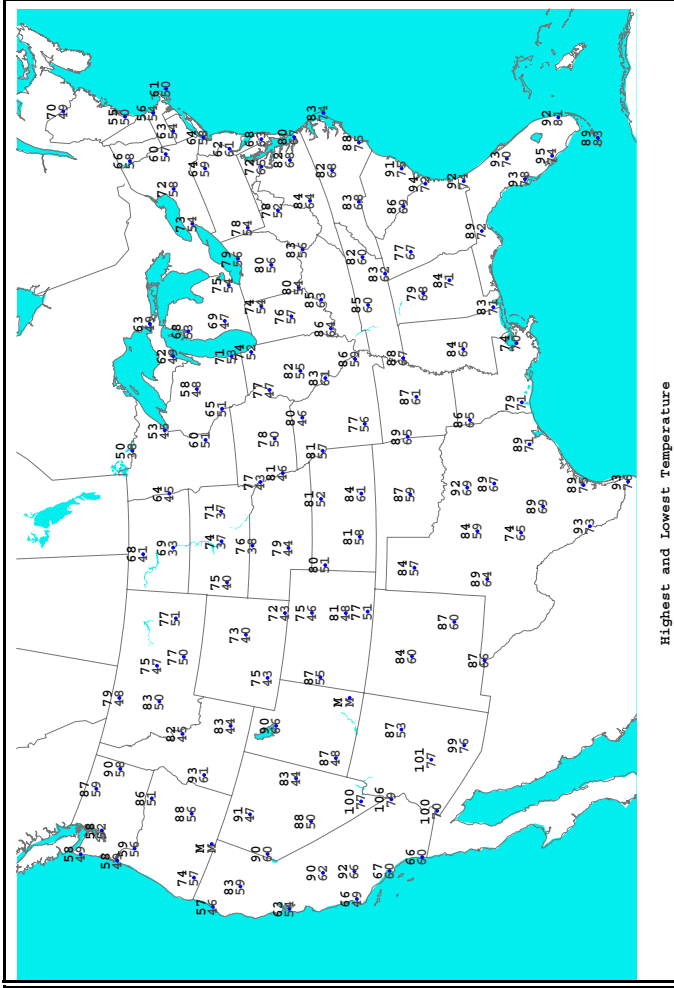
TUESDAY, MAY 30, 2017



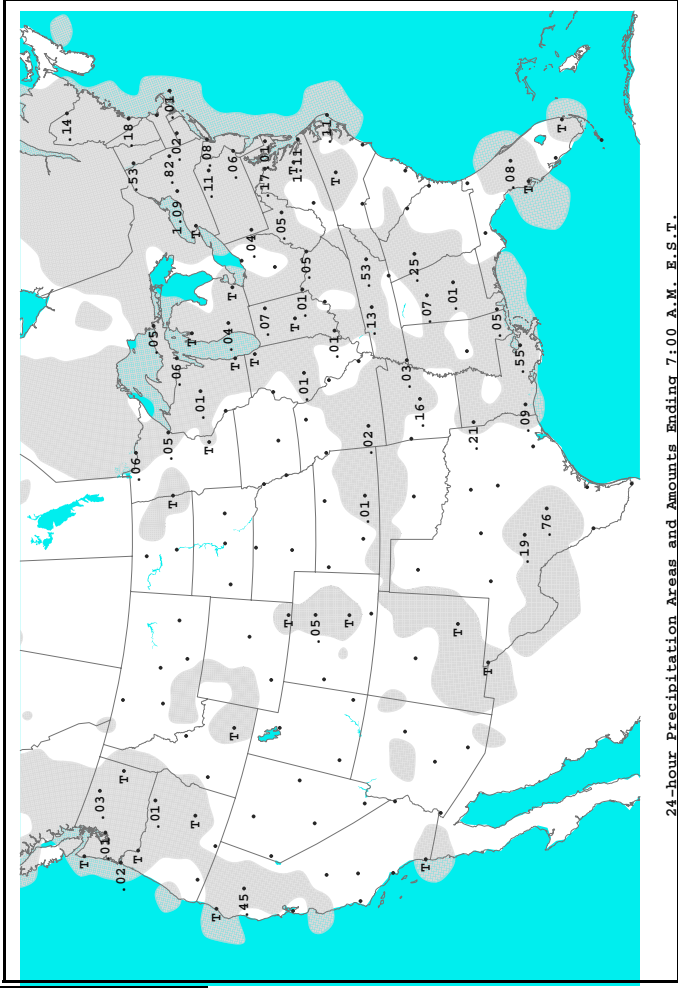
Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.



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

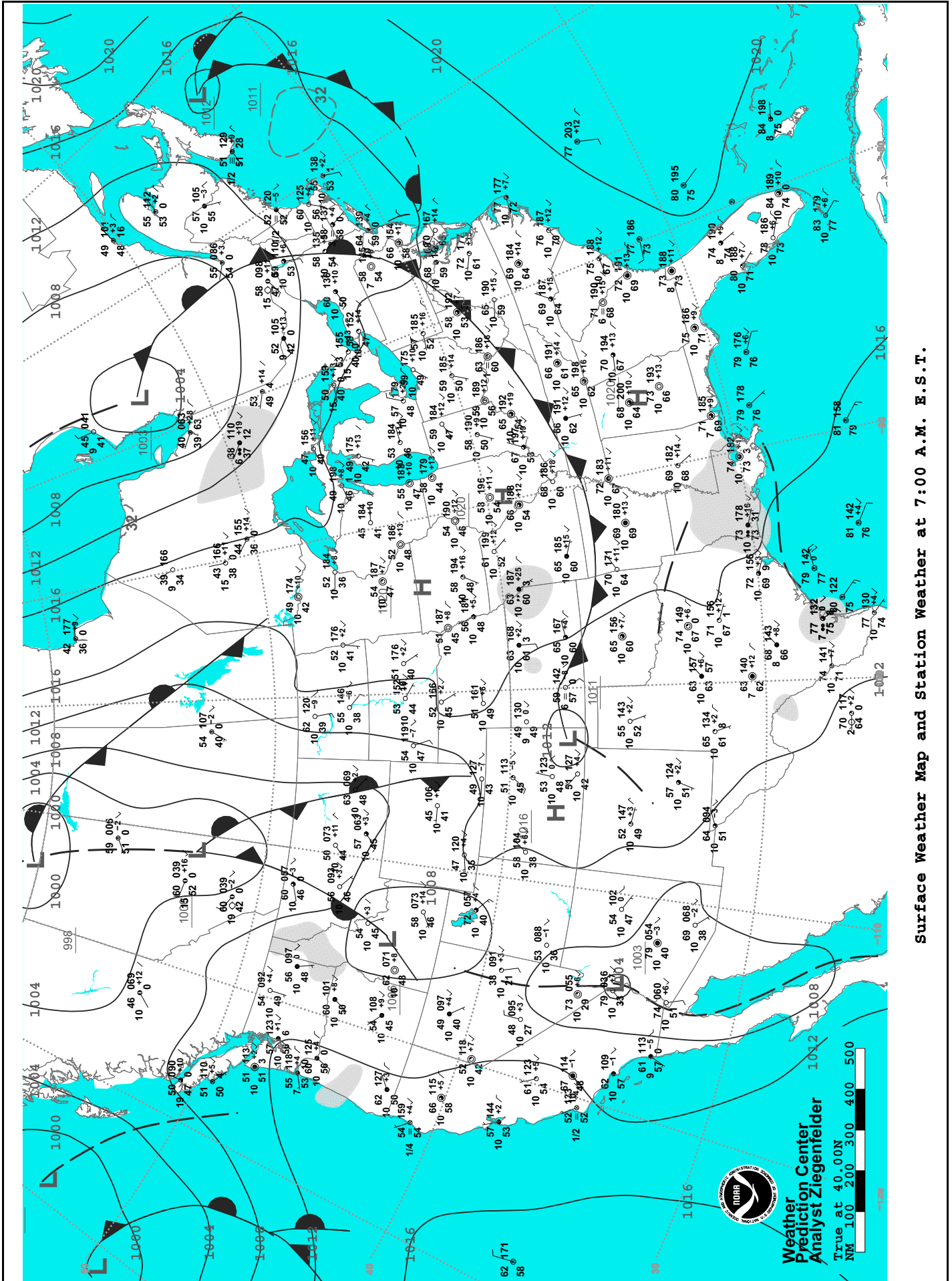
Current Temperature (in °F) — dd ———
 Visibility (in miles) — V ———
 Present Weather Symbol ———
 Dew Point Temperature ——— Sky Cover

ff ———
 PPP ———
 PP a ———

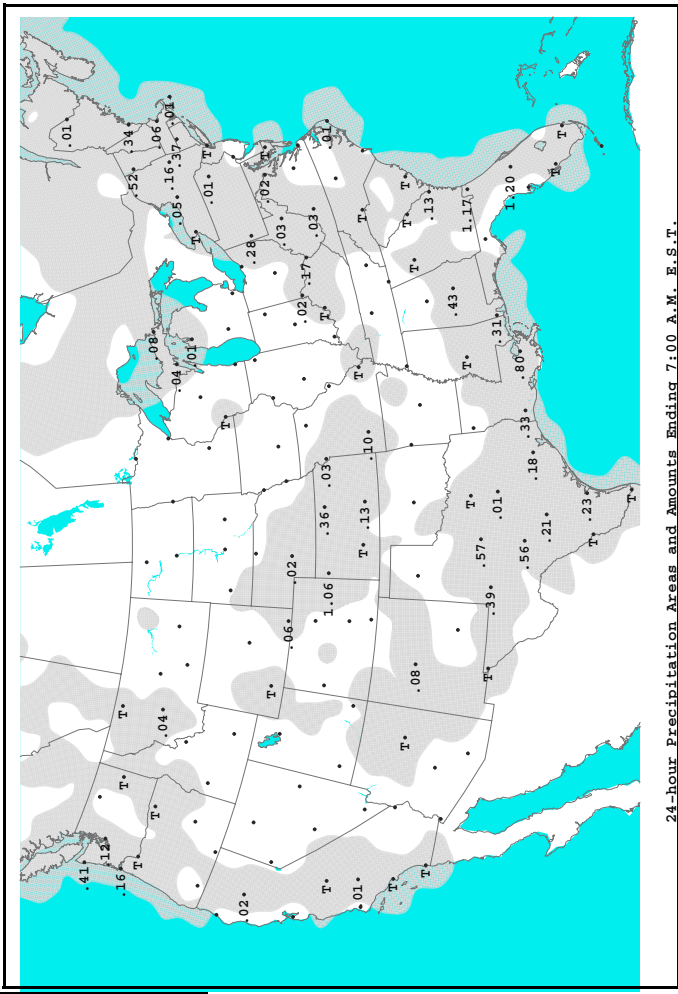
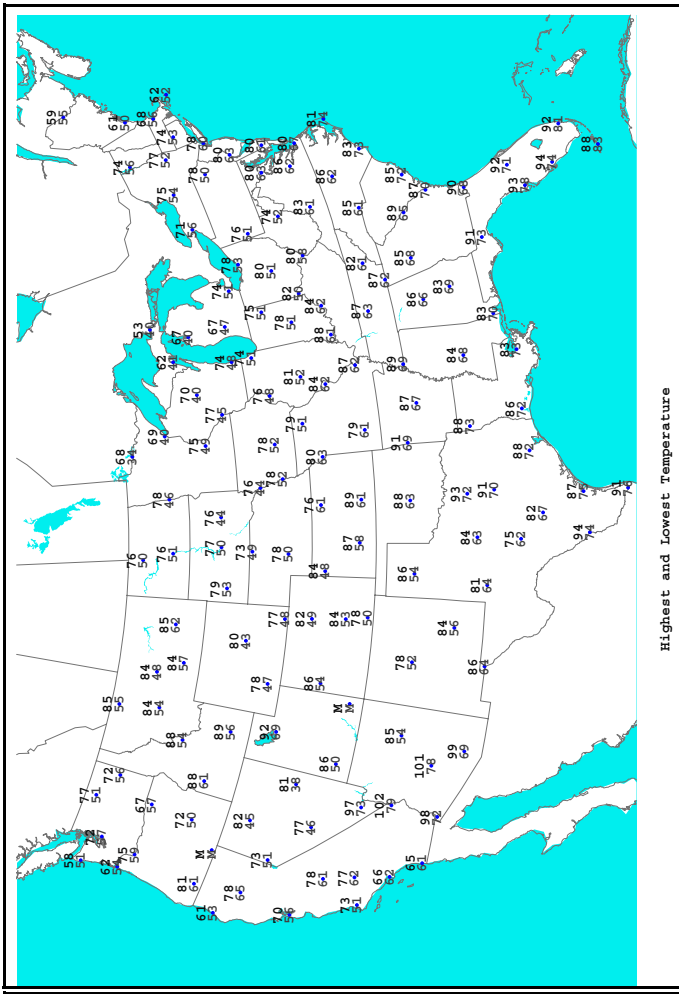
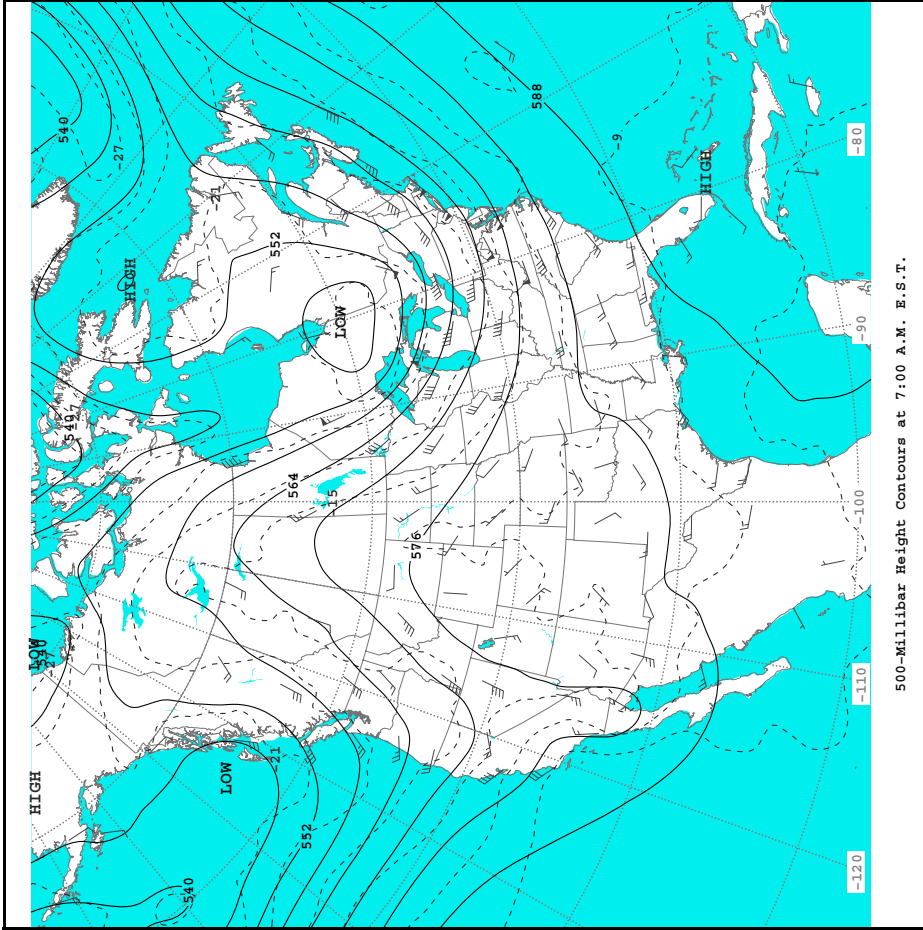
3-Digit Surface Pressure (in tenths). Ex:
 989 = 998.9mb
 012 = 1001.2mb

3 Hour Pressure Tendency (in tenths)
 6 Hour Total Precipitation (in hundredths of an inch)

WEDNESDAY, MAY 31, 2017



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

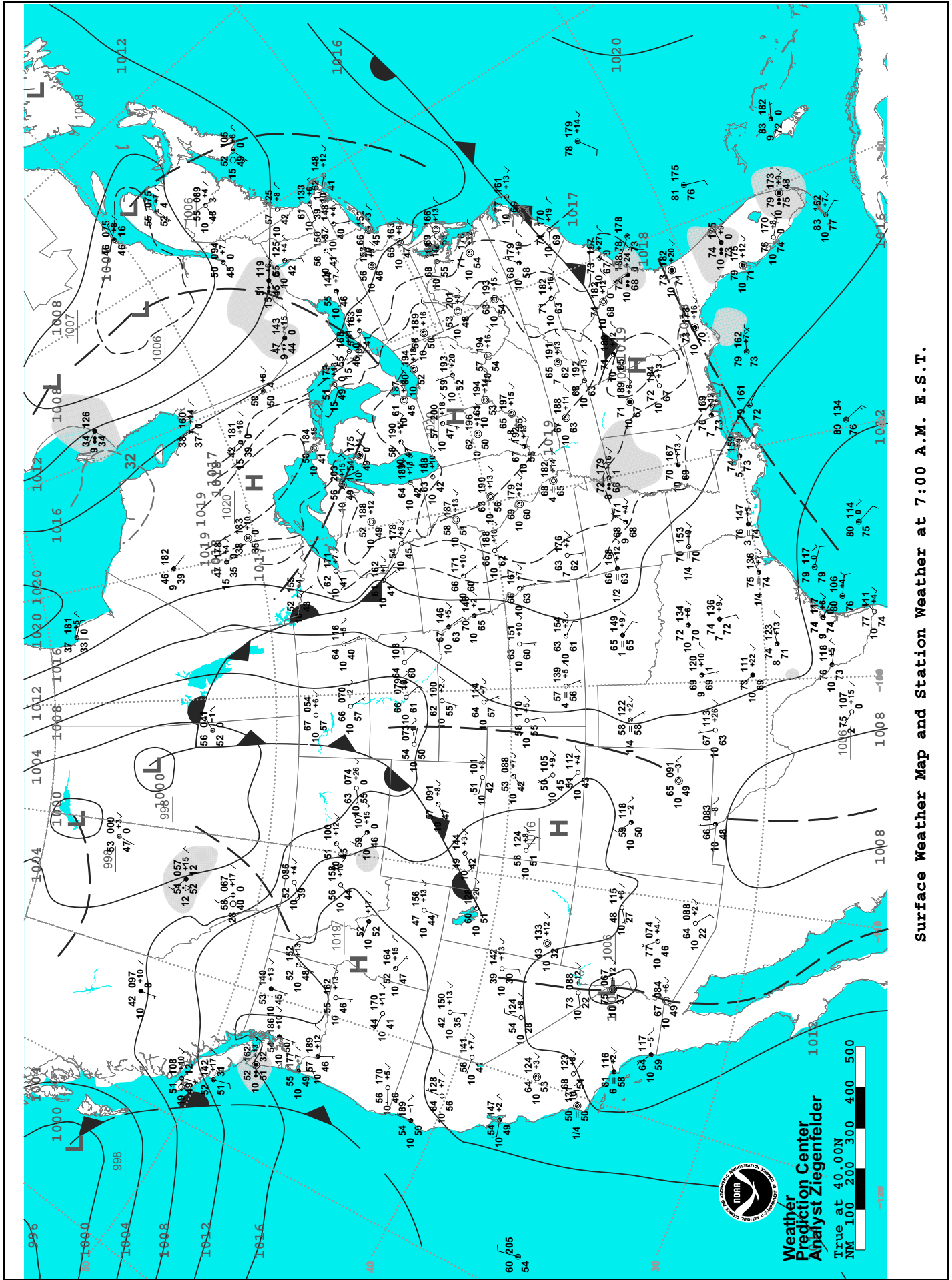


Station Model

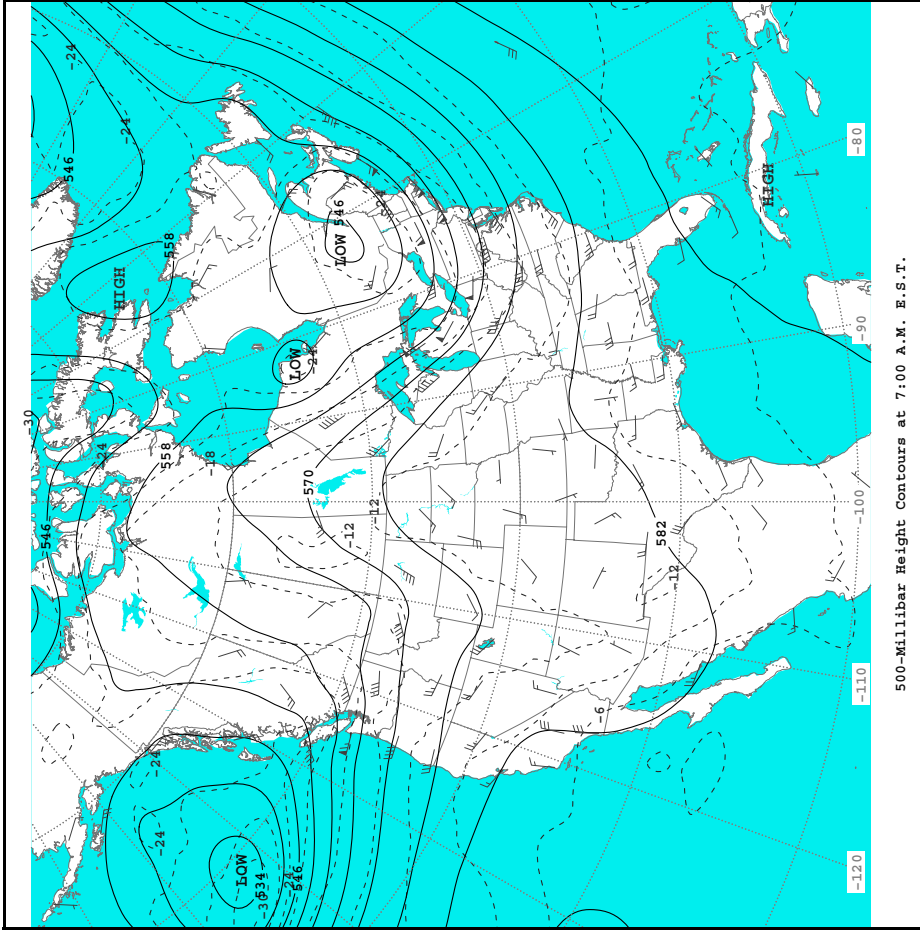
The station model diagram includes the following fields:

- Wind Direction:** Indicated by a line with a short feather (10 knots) and a long feather (5 knots).
- Wind Speed:** Indicated by the length of the feathers.
- 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 horizontal line through it.

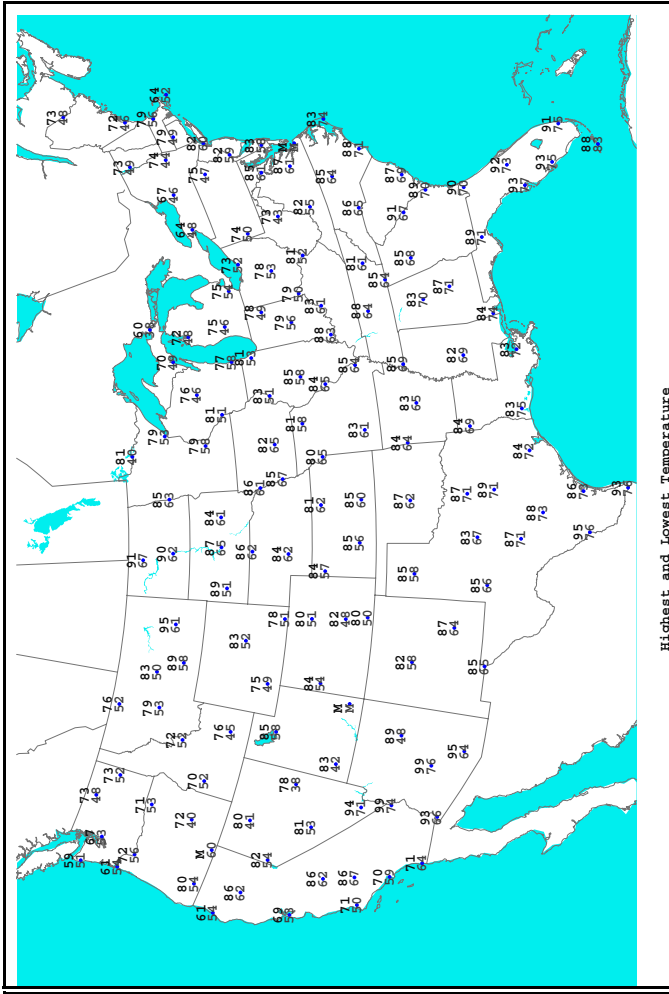
THURSDAY, JUNE 1, 2017



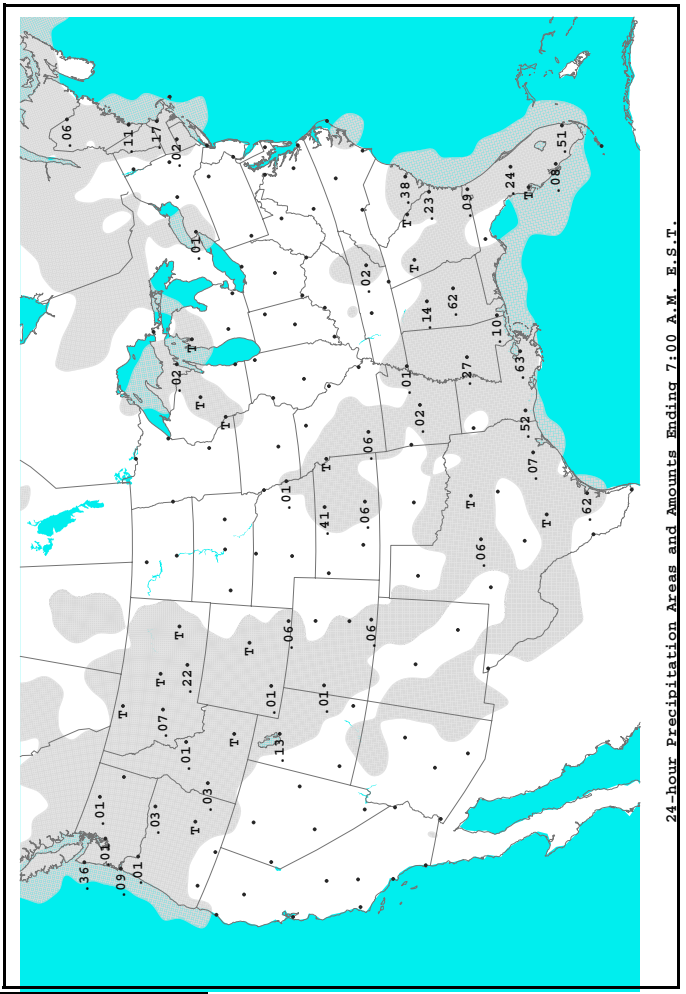
Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.



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

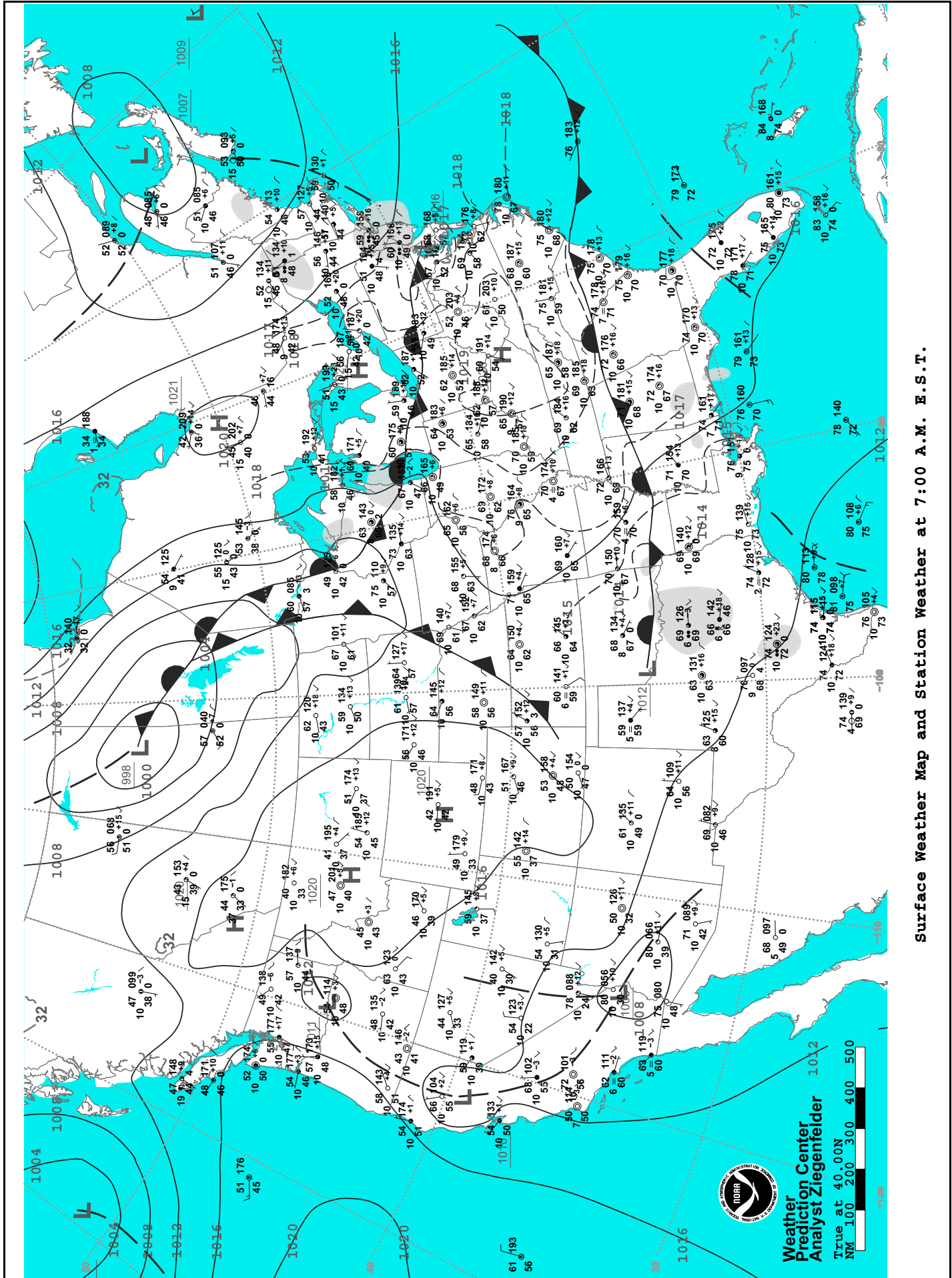
Current Temperature (in °F): **99** Present Weather Symbol: **RR** 3-Digit Surface Pressure (in tenths): **999** 3 Hour Pressure Tendency (in tenths): **012**

Visibility (in miles): **1.2** Dew Point Temperature: **58** 6 Hour Total Precipitation (in hundredths of an inch): **0.01**

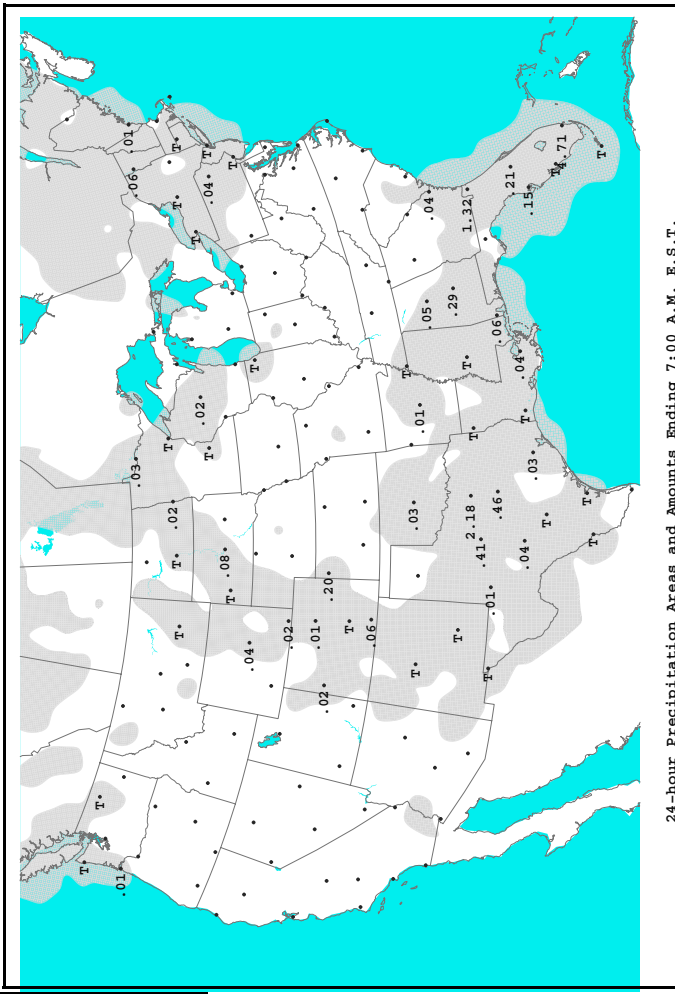
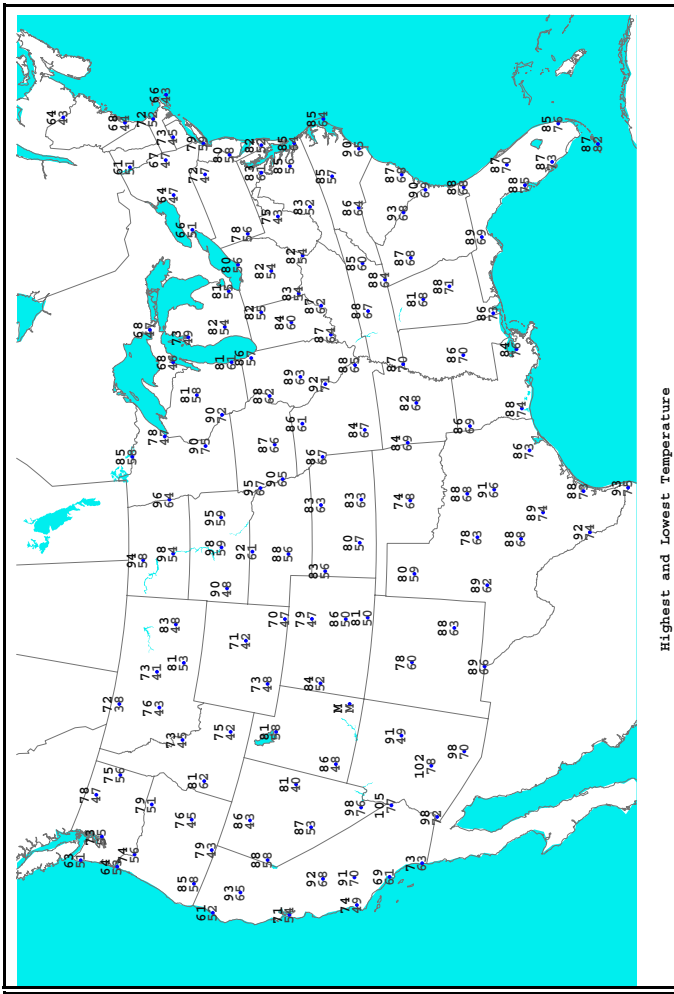
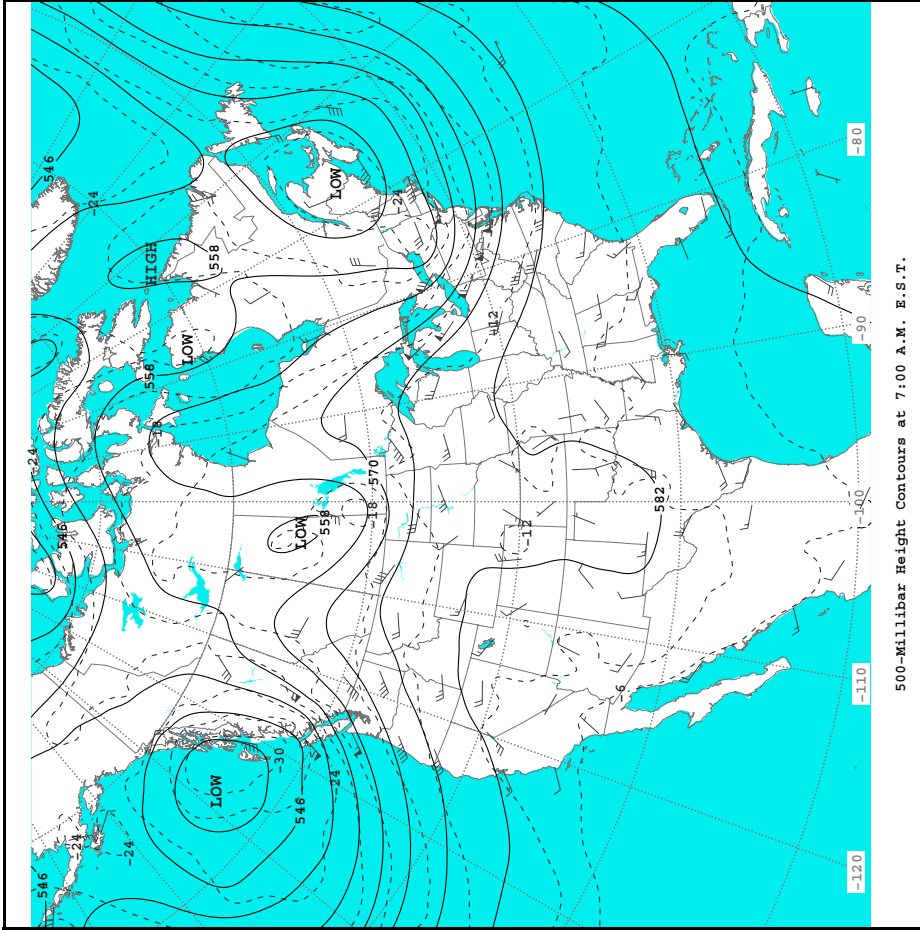
Wind Feather: **ff** Present Weather Symbol: **RR** 3-Digit Surface Pressure (in tenths): **999** 3 Hour Pressure Tendency (in tenths): **012**

Visibility (in miles): **1.2** Dew Point Temperature: **58** 6 Hour Total Precipitation (in hundredths of an inch): **0.01**

FRIDAY, JUNE 2, 2017



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



Station Model

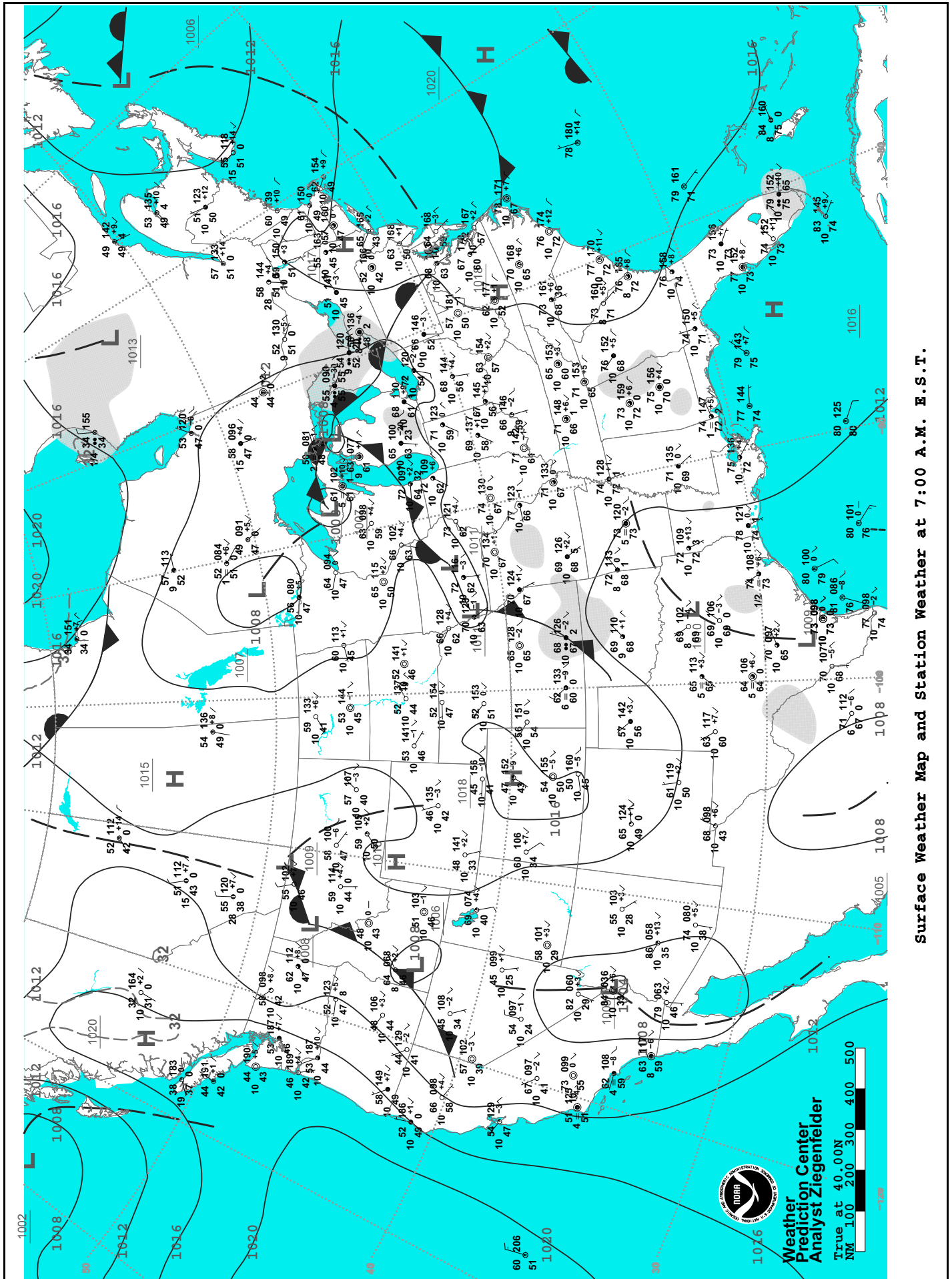
Wind Direction: **ff** Wind Speed: Long Feather - 10 knots, Short Feather - 5 knots

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

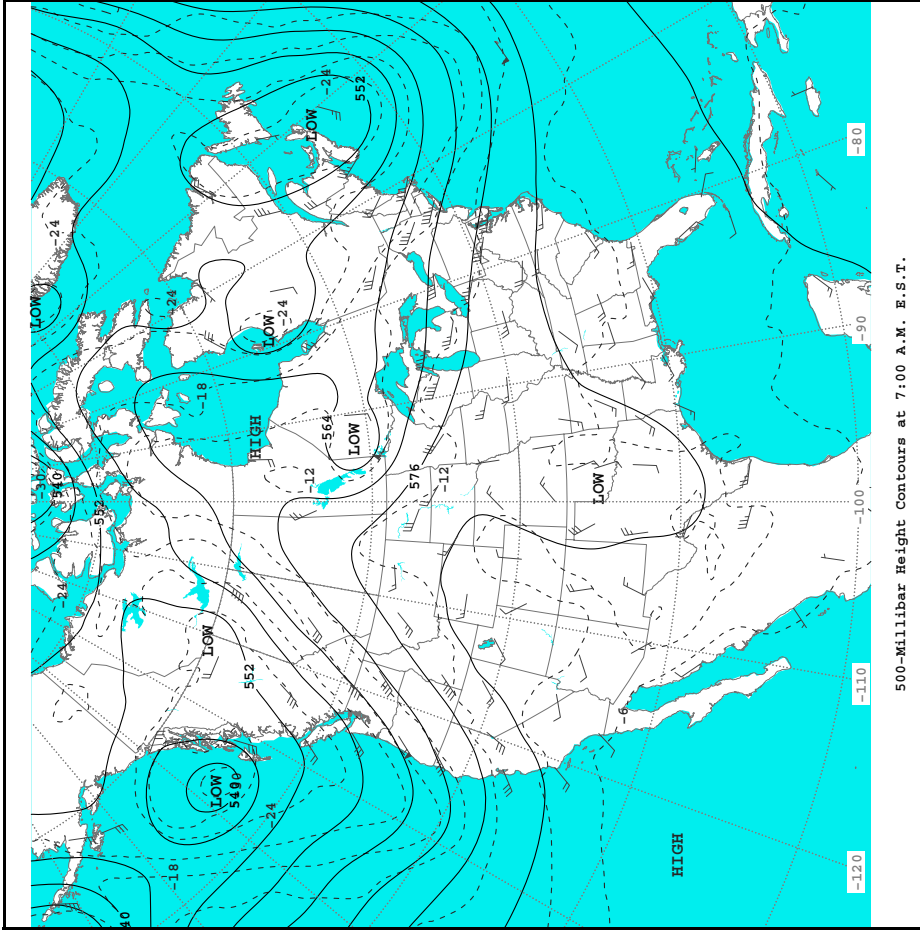
Visibility (in miles): **TT** Present Weather Symbol: **PP** 3 Hour Pressure Tendency (in tenths): **PP a**

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

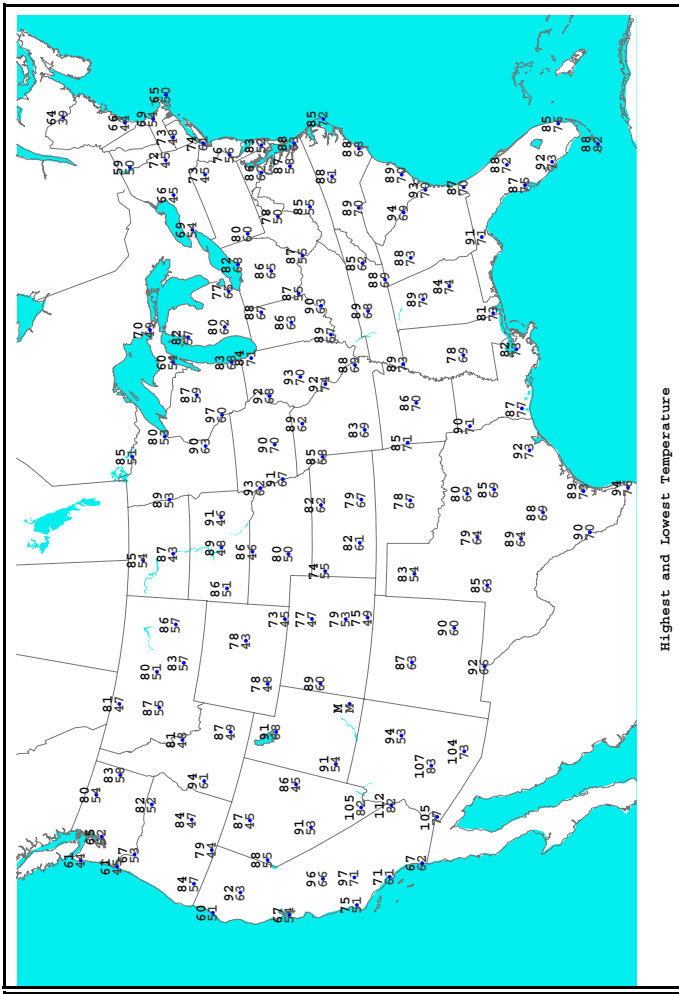
SATURDAY, JUNE 3, 2017



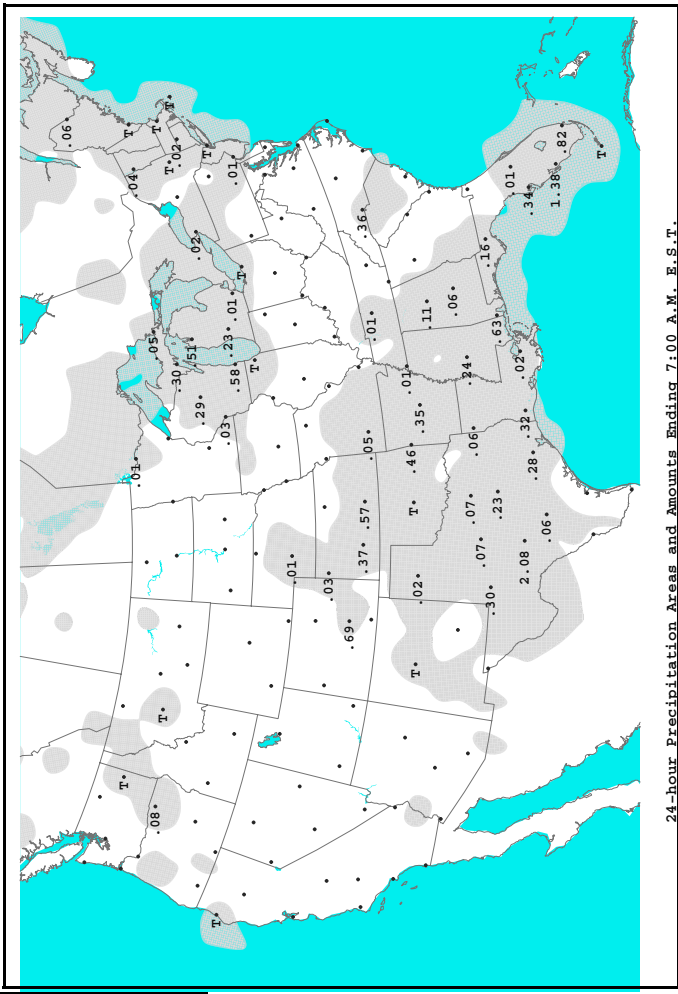
Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.



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



Higheist 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 ——— ff
 Visibility (in miles) ——— V ———

Present Weather Symbol ——— Present Weather Tendency (in tenths) ——— PPp ———

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

3-Digit Surface Pressure (in tenths). Ex: 999 = 999.9mb, 012 = 1001.2mb

3 Hour Pressure Tendency (in tenths) ——— PP a ———

6 Hour Total Precipitation (in hundredths of an inch)

SUNDAY, JUNE 4, 2017



Daily Weather Map Station Names and Locations