



Daily Weather Maps

JULY 25, 2011 - JULY 31, 2011

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, Hydrometeorological 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. EST the previous day through 1 a.m. EST and the minimum temperature for the period from 7:00 p.m. EST the previous day through 1 p.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.

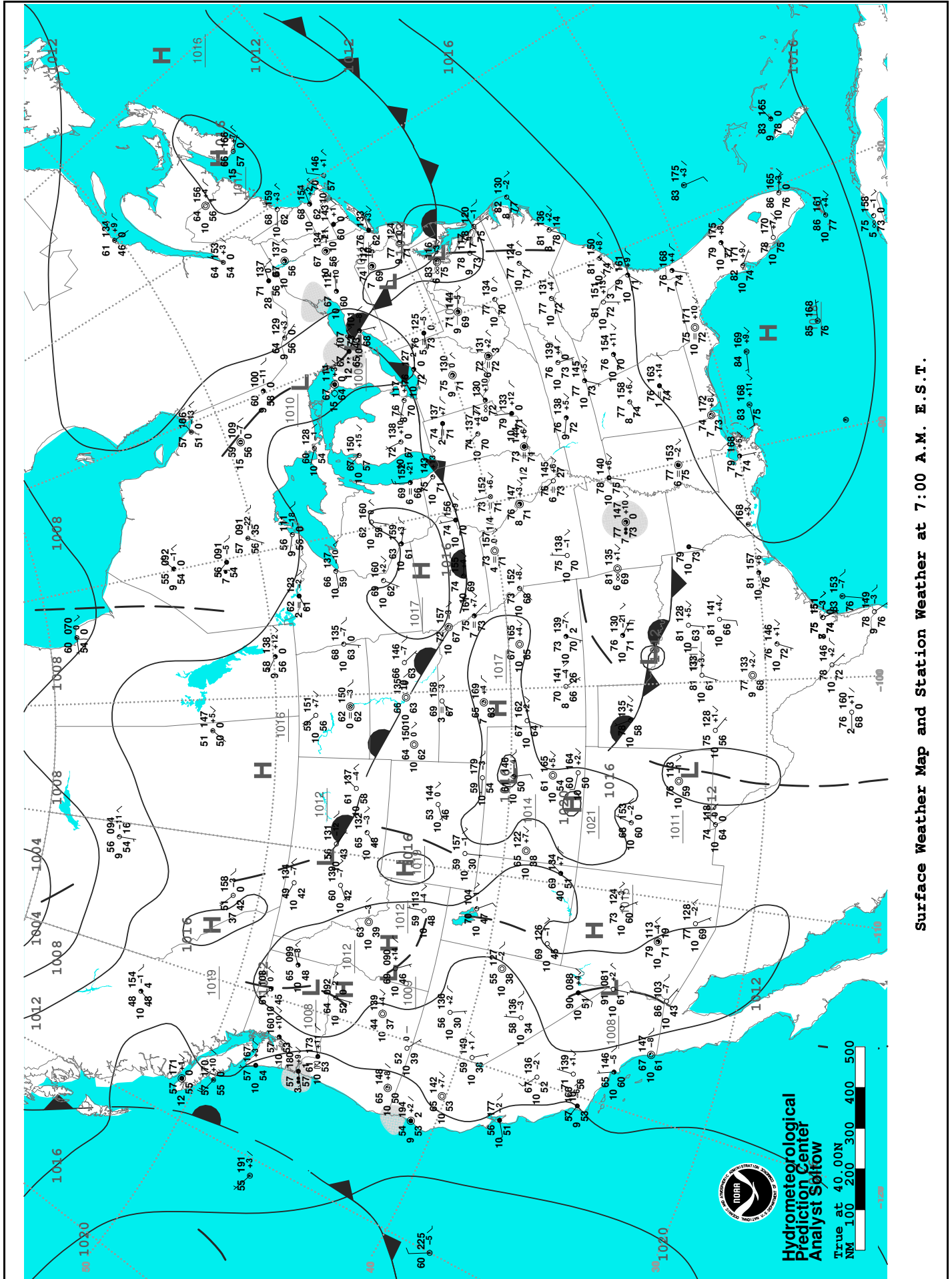
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Correspondence to the meteorologists should be directed to: ***Daily Weather Map*, NOAA/National Weather Service, Room 410, 5200 Auth Rd, Camp Springs, MD 20746.**

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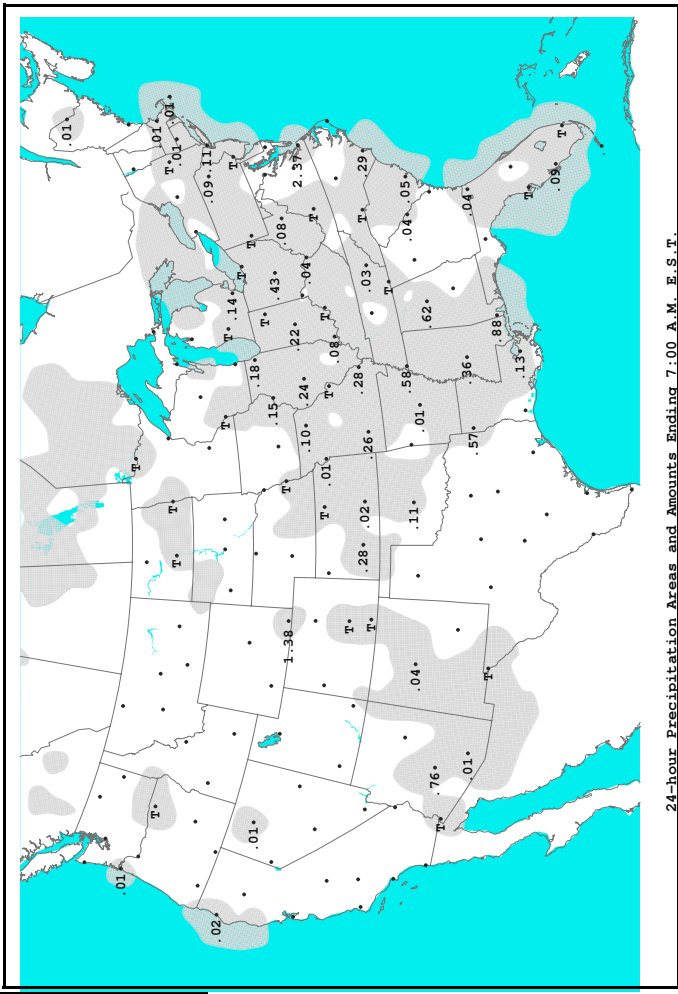
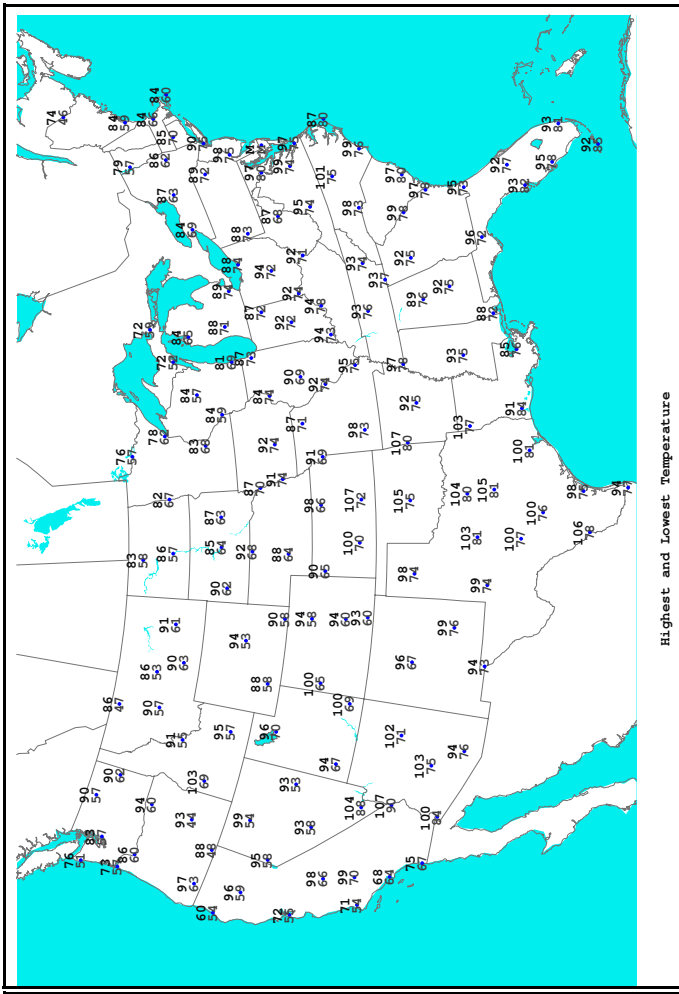
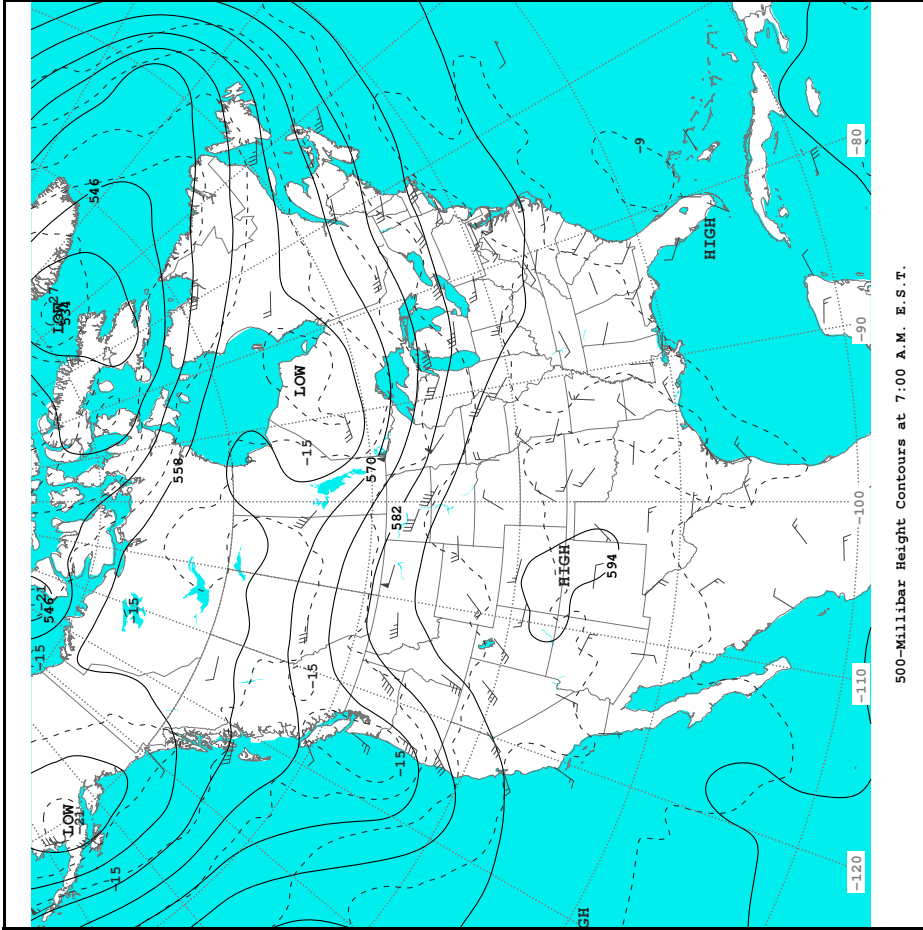


Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.



Hydrometeorological
Prediction Center
Analyst Sofflow

True at 40.00N
NM 100 200 300 400 500



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**

Present Weather Symbol: **V**

Dew Point Temperature: **WW**

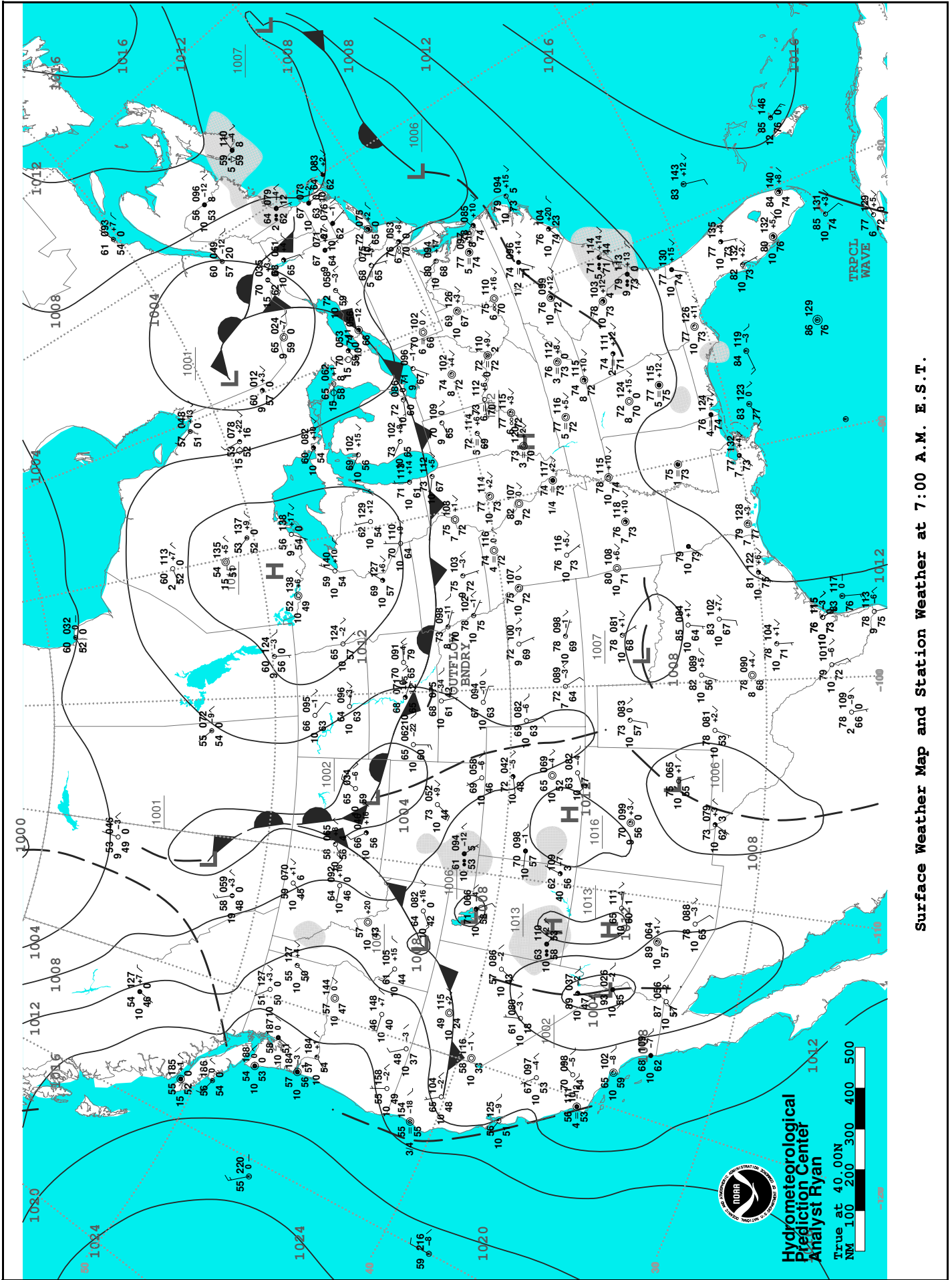
3-Digit Surface Pressure (in tenths): **PPP**

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

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

Sky Cover: **RR**

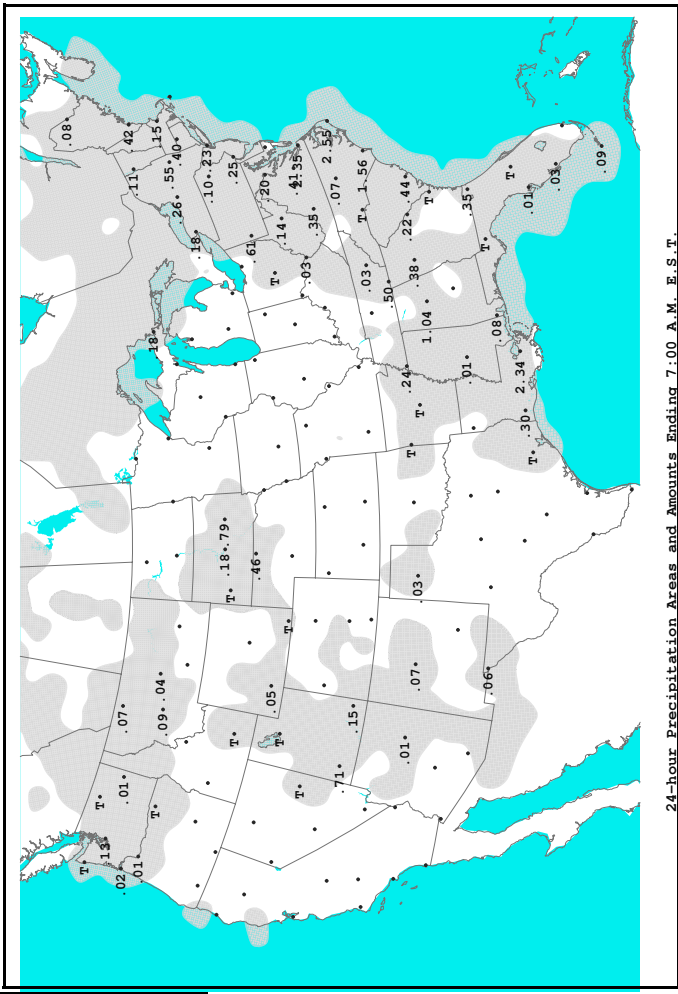
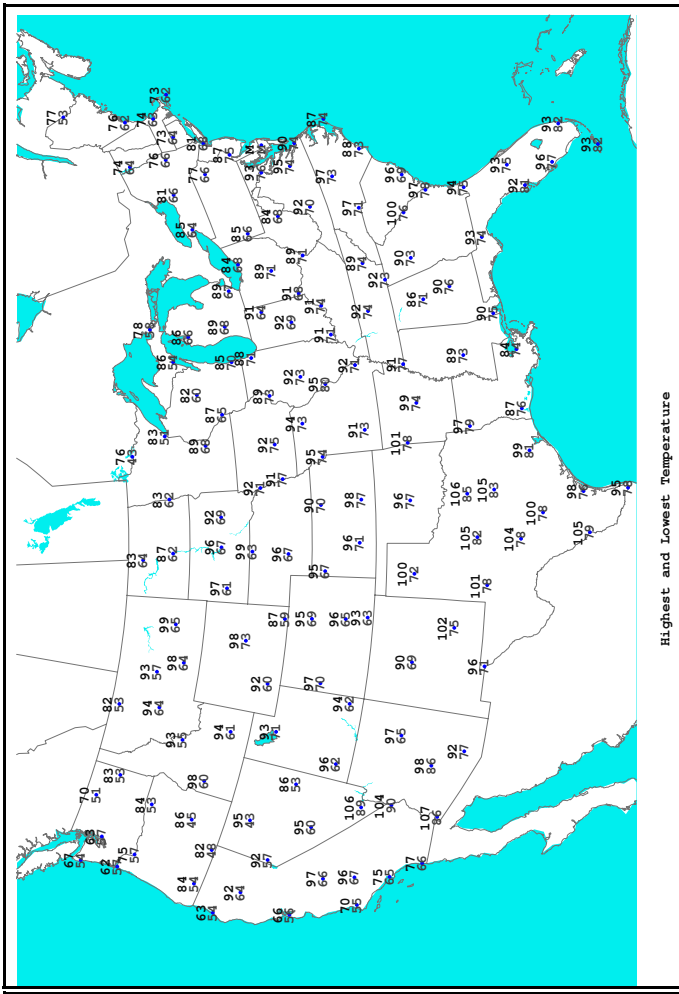
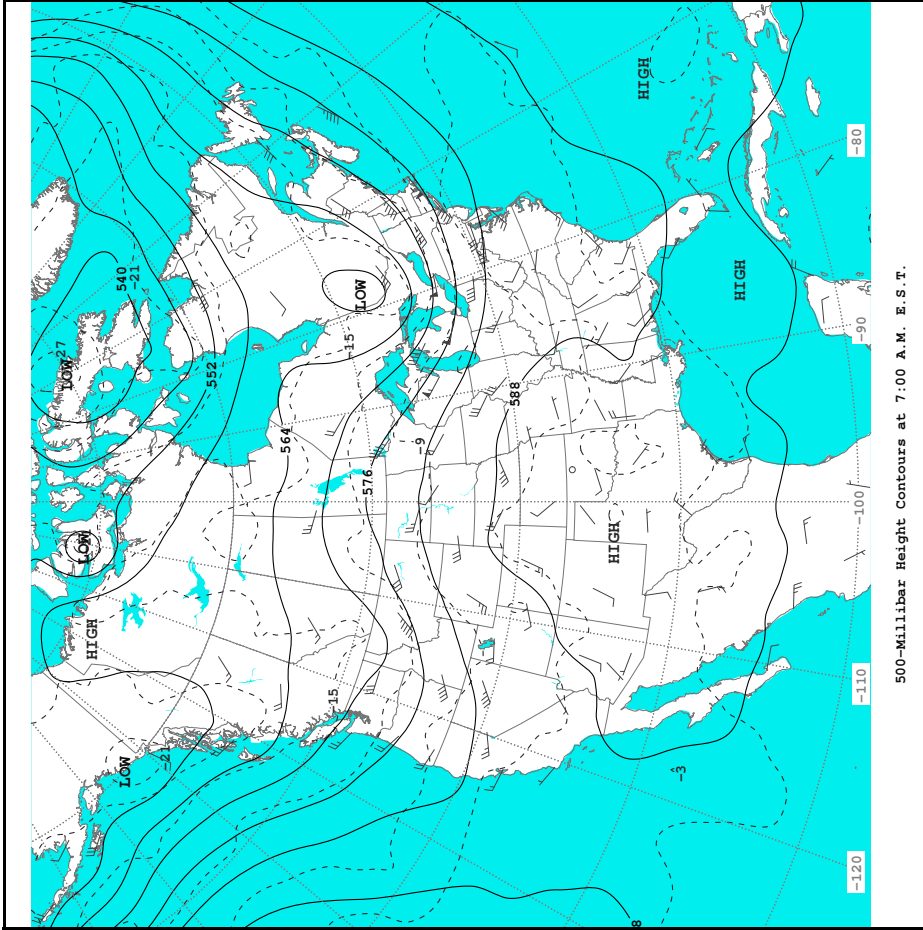
MONDAY, JULY 25, 2011



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

Hydrometeorological
Prediction Center
Analyst Ryan
True at 40.00N
NM 100 200 300 400 500



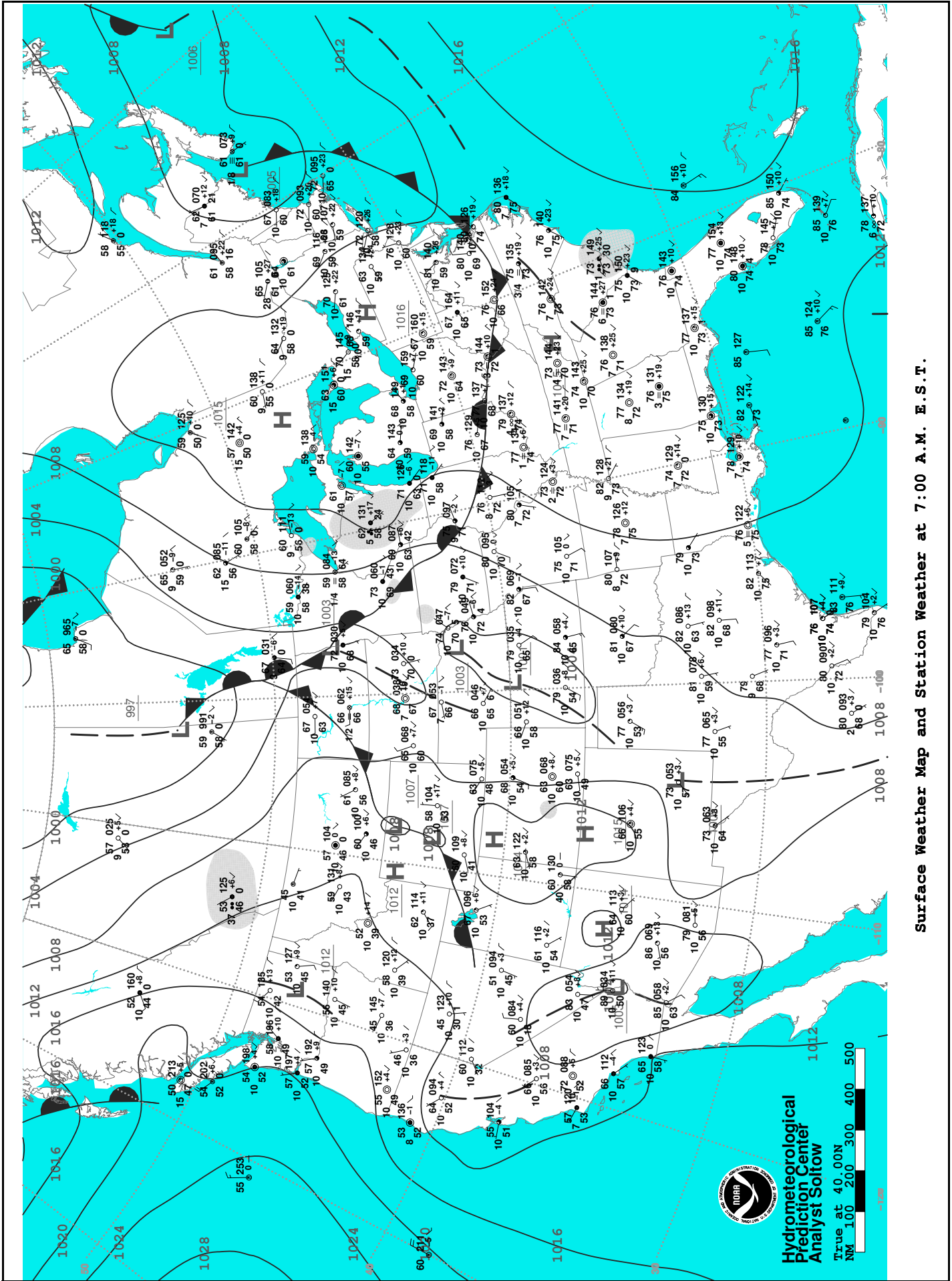


Station Model

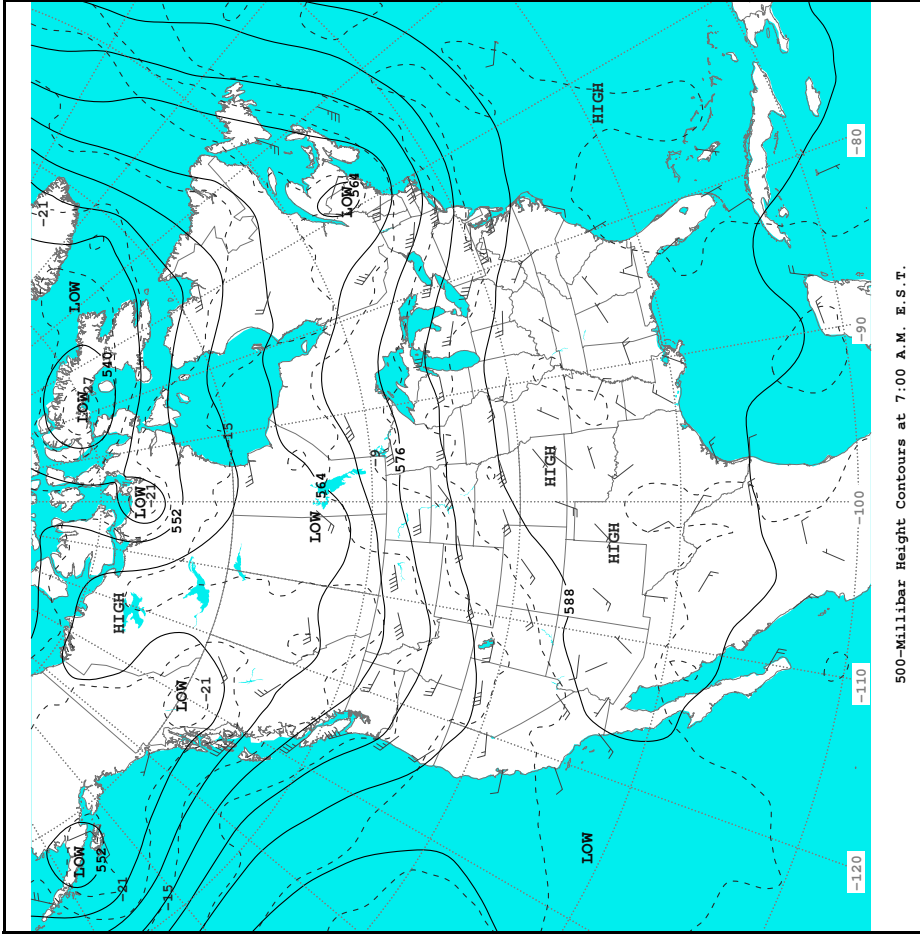
The station model diagram consists of the following elements and their corresponding data fields:

- Wind Direction:** Indicated by a line with a short feather (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 (TT).
- Dew Point Temperature:** Represented by the number 'PP'.
- 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.

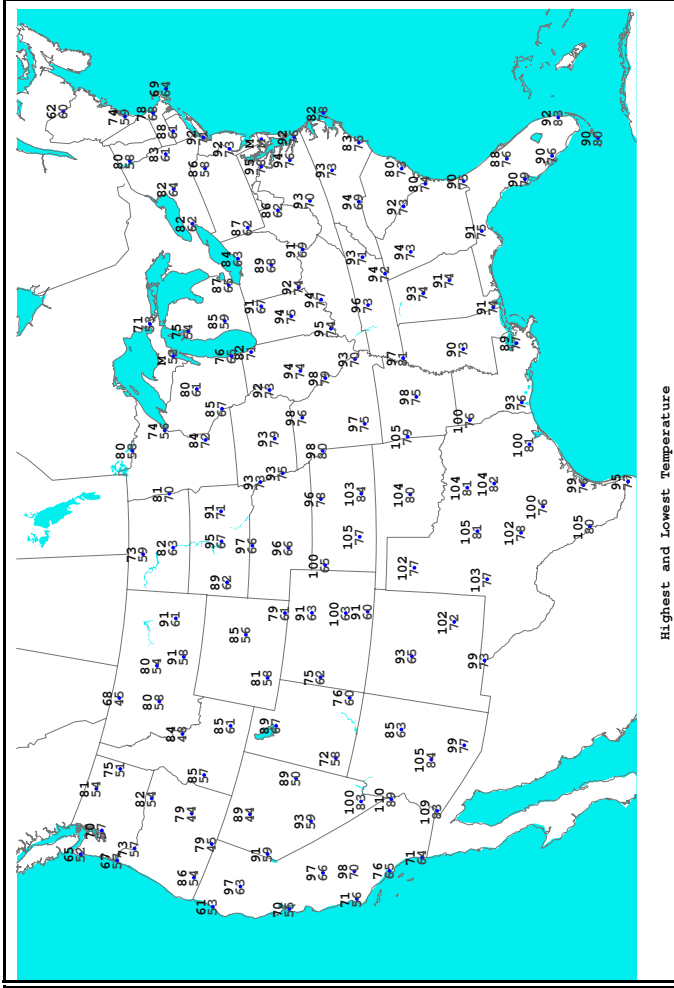
TUESDAY, JULY 26, 2011



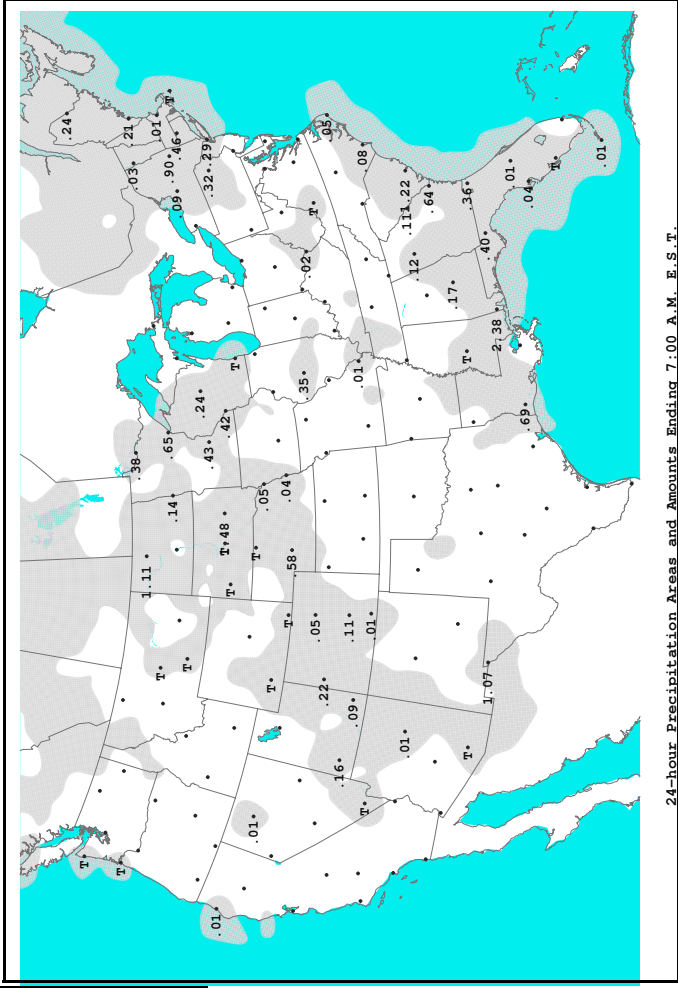
Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.



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.

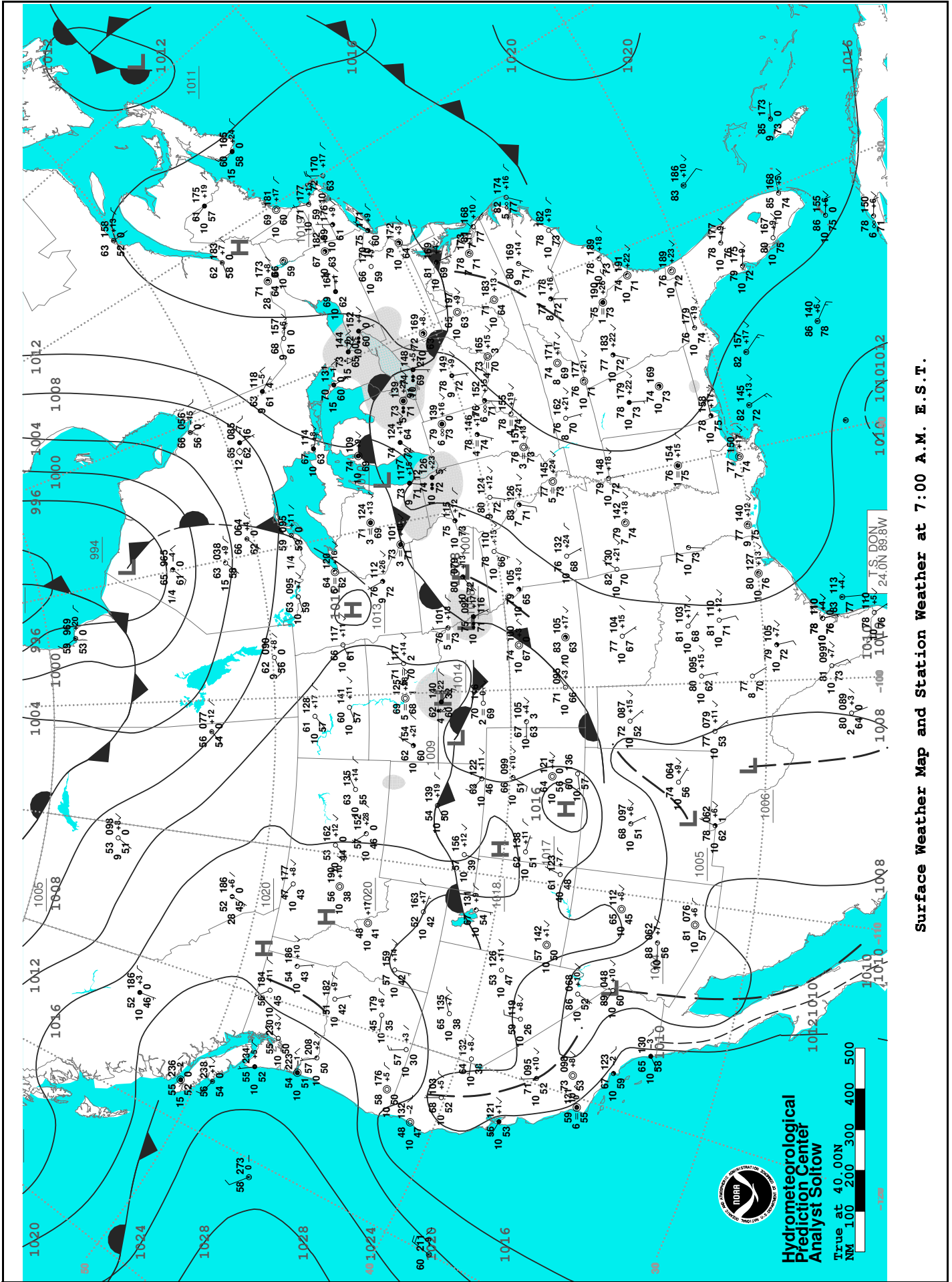
Station Model

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

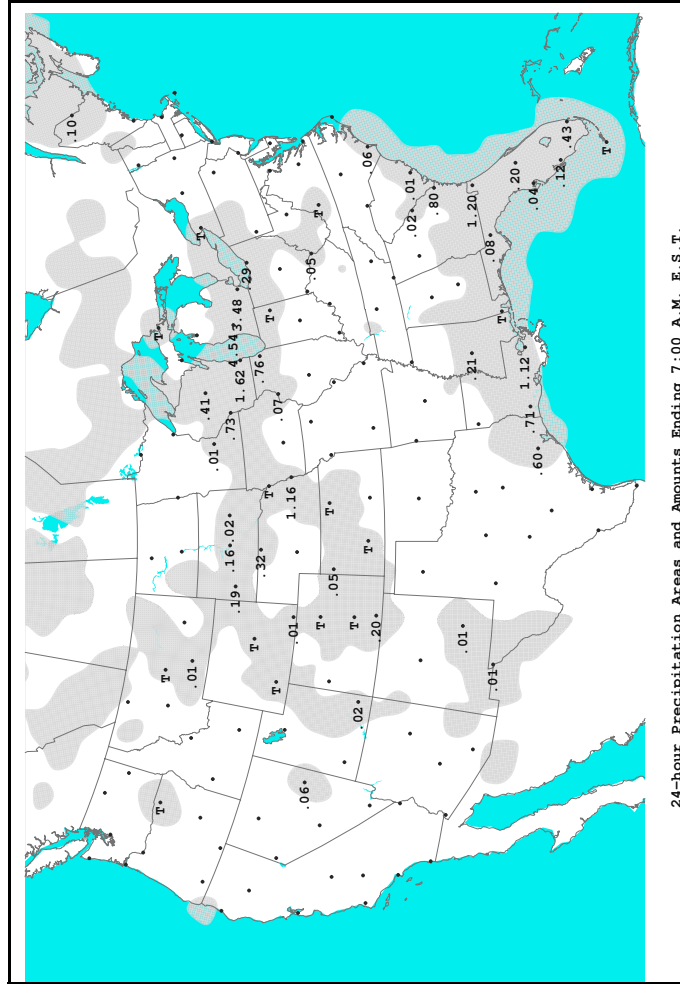
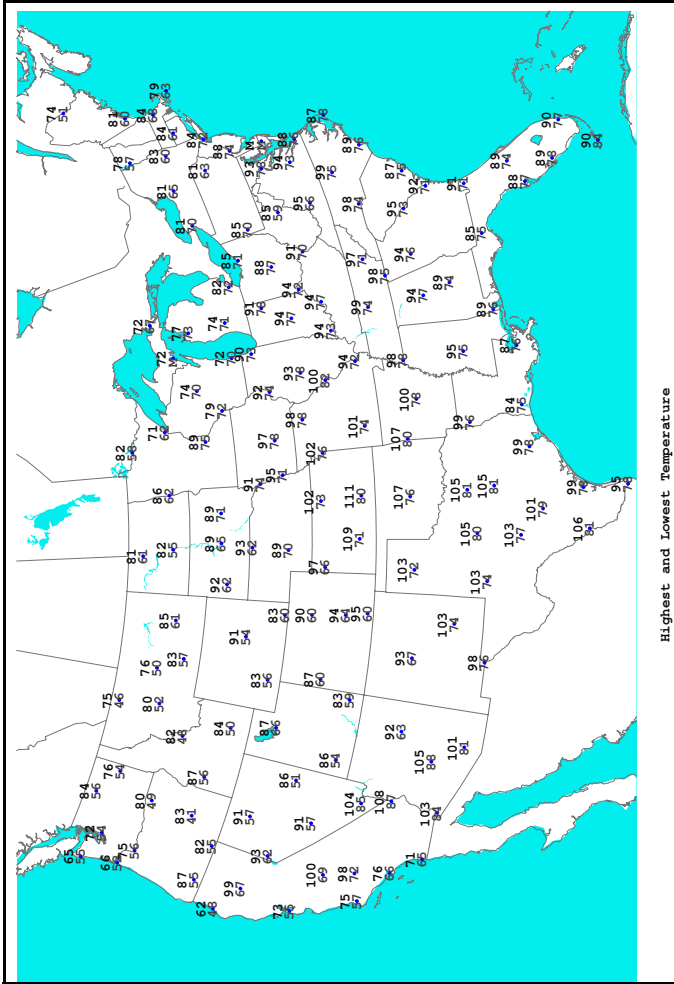
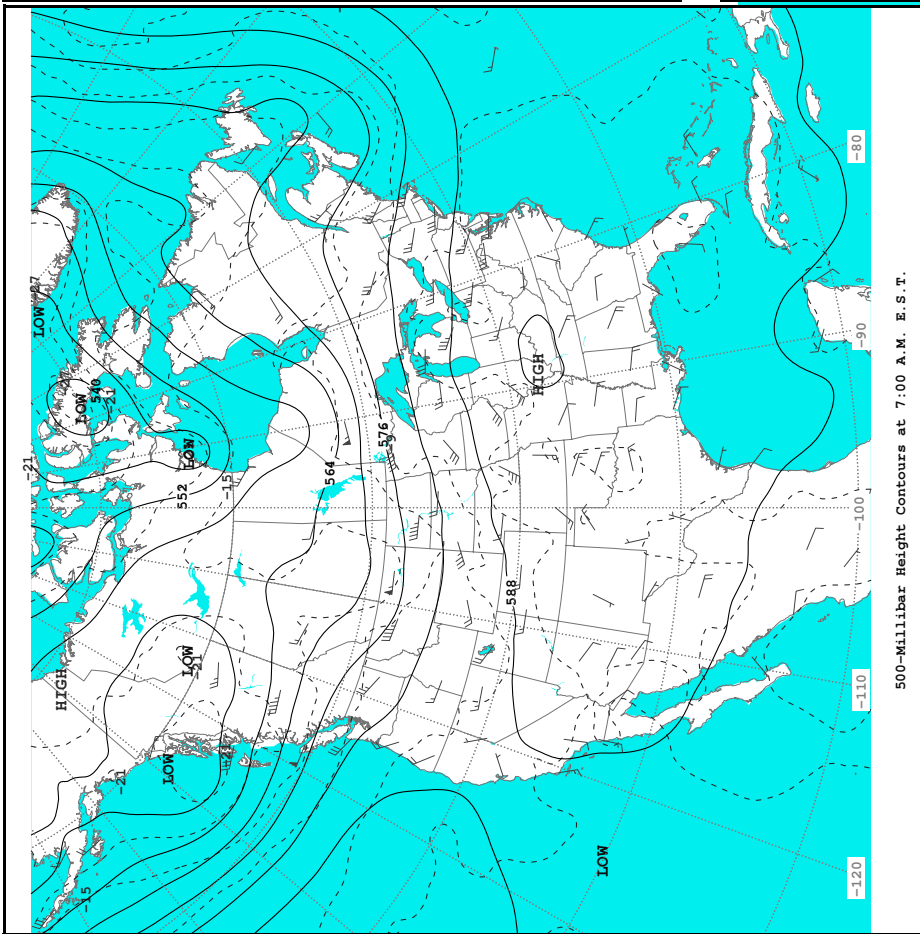
Current Temperature (in °F) ——— **F** ——— ft
 Visibility (in miles) ——— TT ———
 Present Weather Symbol ——— V ———
 Dew Point Temperature ——— WW ———

3-Digit Surface Pressure (in tenths), Ex: 989 = 998.9mb, 012 = 1001.2mb
 3 Hour Pressure Tendency (in tenths) ——— **PP** ———
 6 Hour Total Precipitation (in hundredths of an inch) ——— **PP a** ———
 Sky Cover ——— RR ———

WEDNESDAY, JULY 27, 2011



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



Wind Direction: Wind Speed:

Current Temperature (in °F): dd

Visibility (in miles): TT

Present Weather Symbol: PP a

Dew Point Temperature: TD

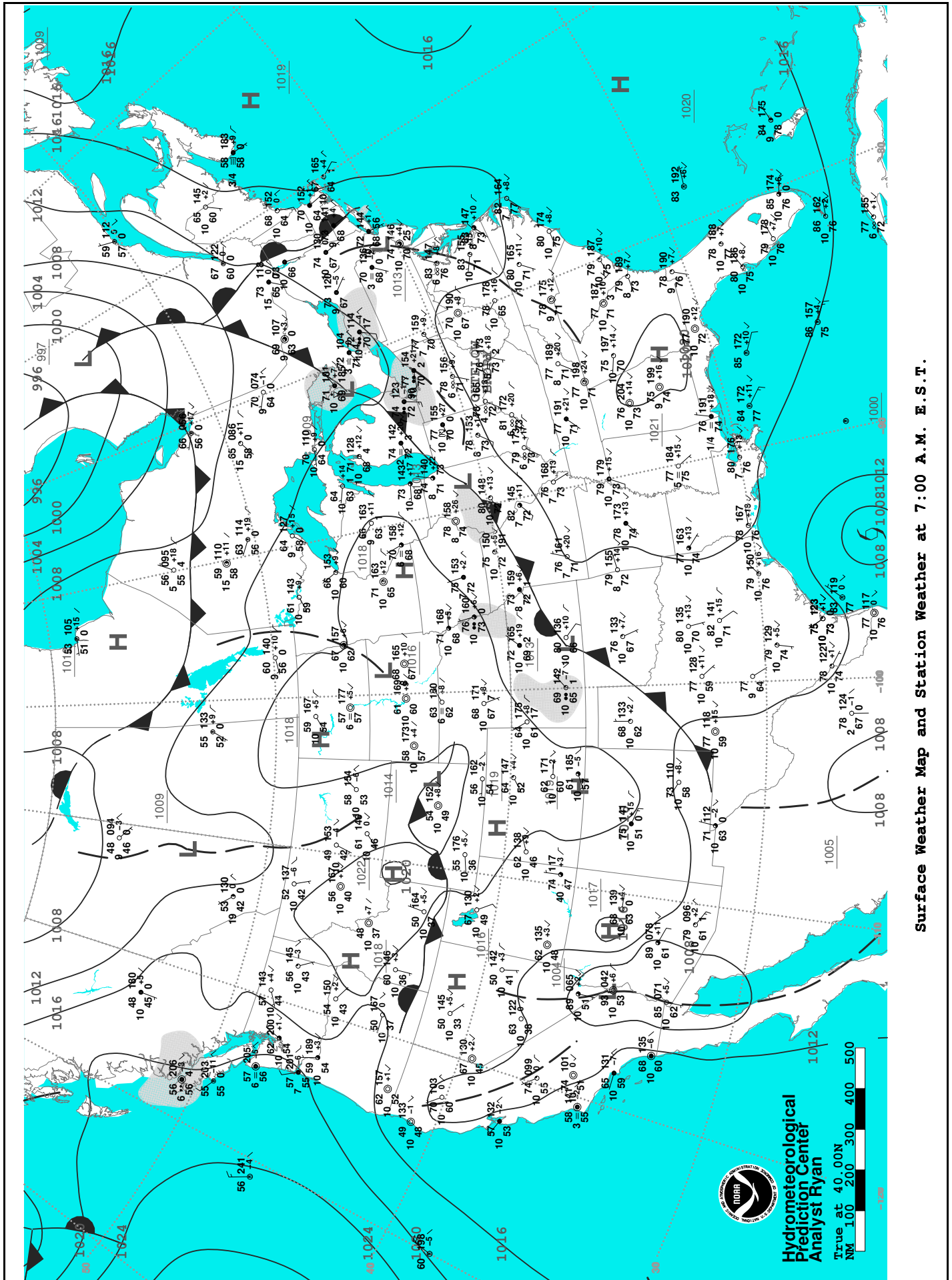
3 Hour Pressure Tendency (in tenths): PP

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

Skycover:

Station Model

THURSDAY, JULY 28, 2011

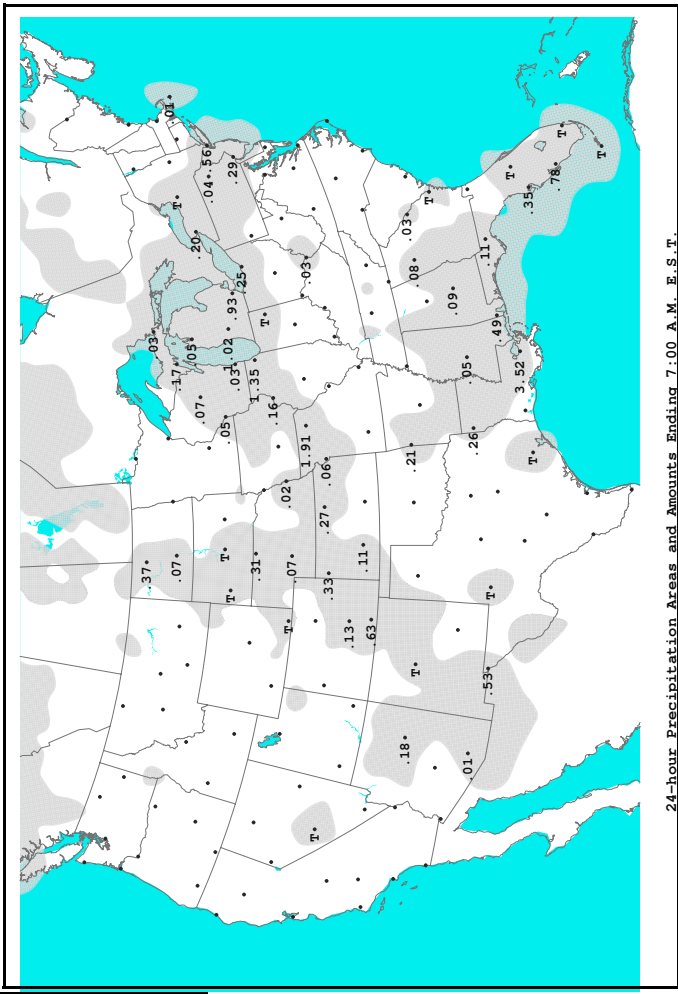
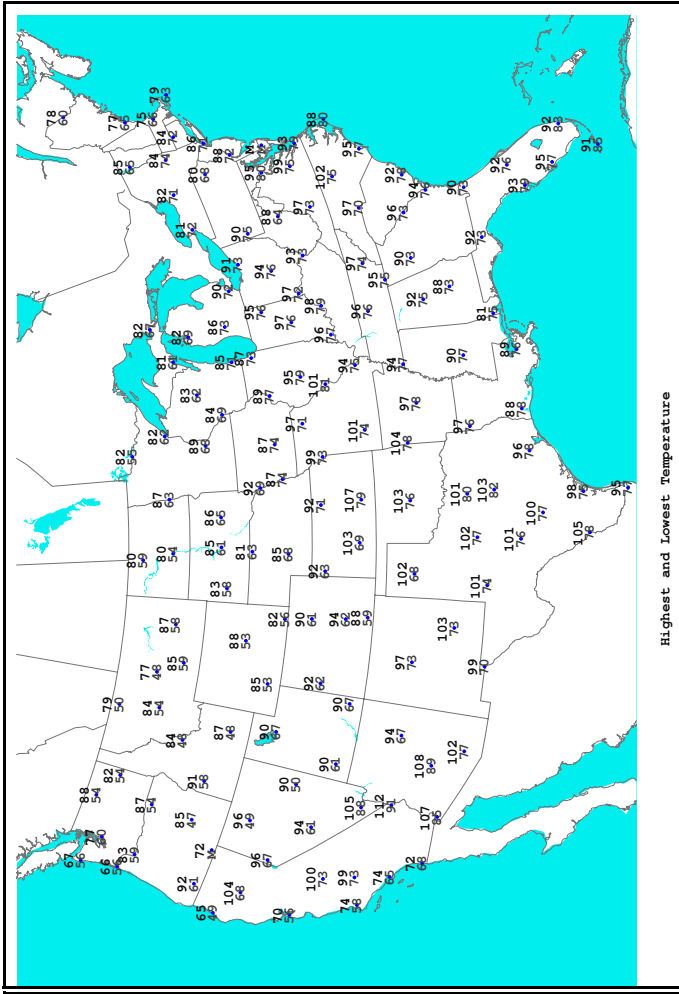
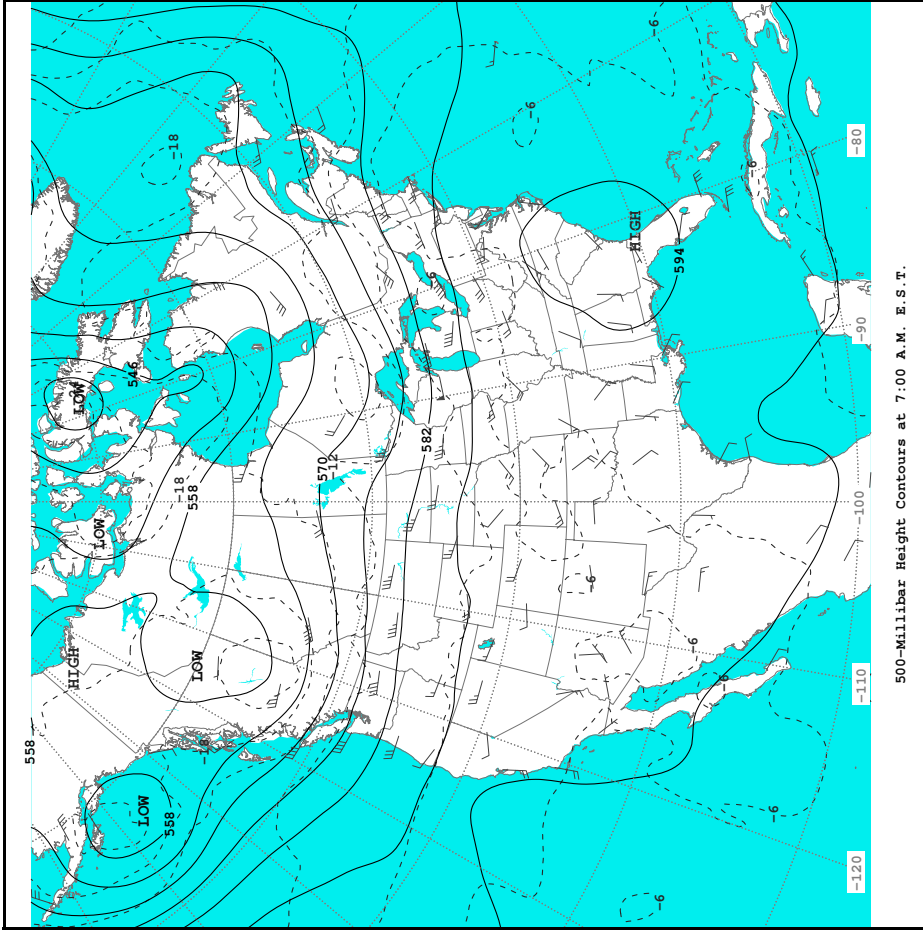


Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.



Hydrometeorological
Prediction Center
Analyst Ryan

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): ft

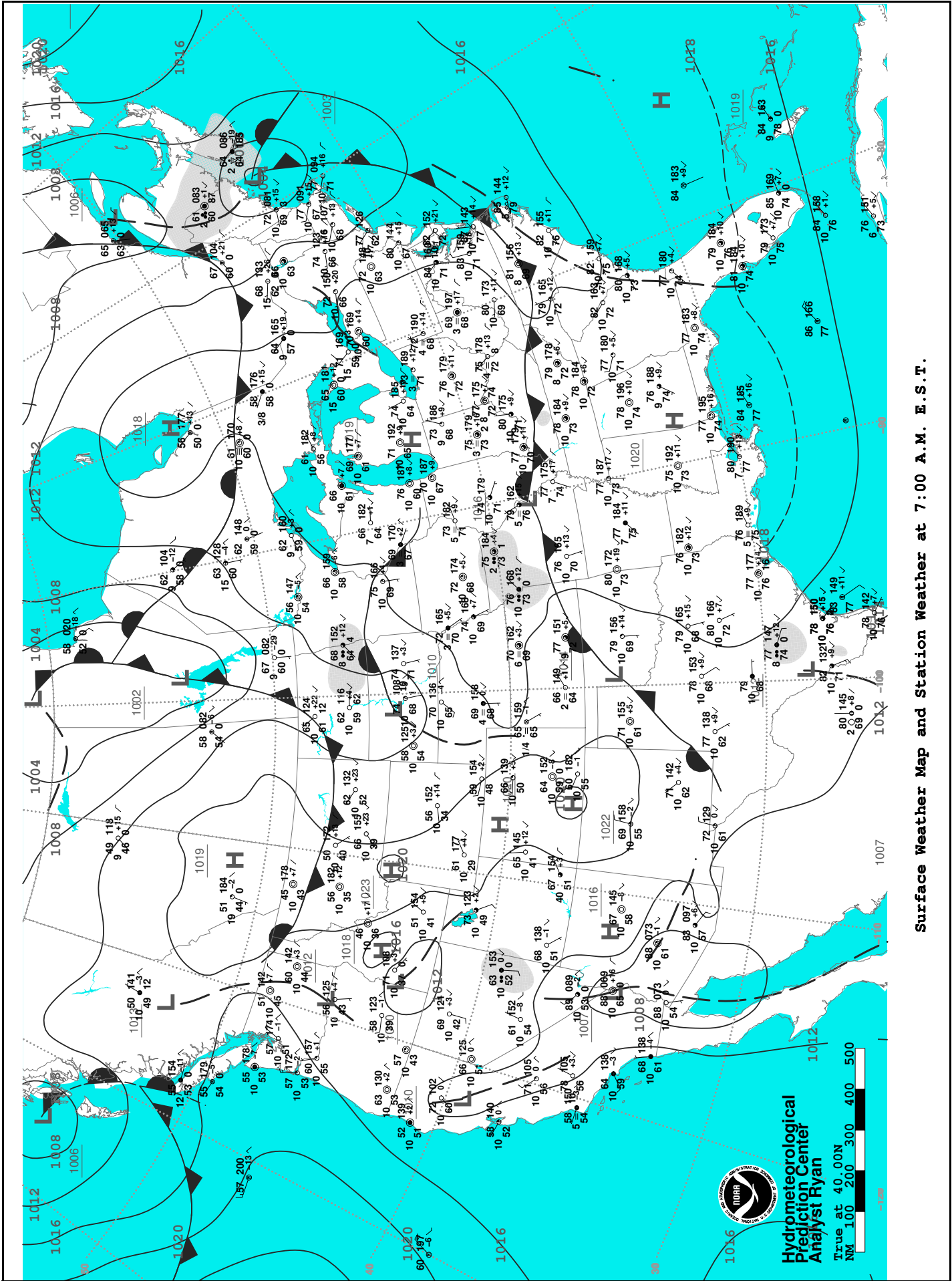
Visibility (in miles): 3-Digit Surface Pressure (in tenths). Ex: 989 = 998.9mb, 012 = 1001.2mb

Present Weather Symbol: 3 Hour Pressure Tendency (in tenths)

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

Sky_Cover: Sky_Cover

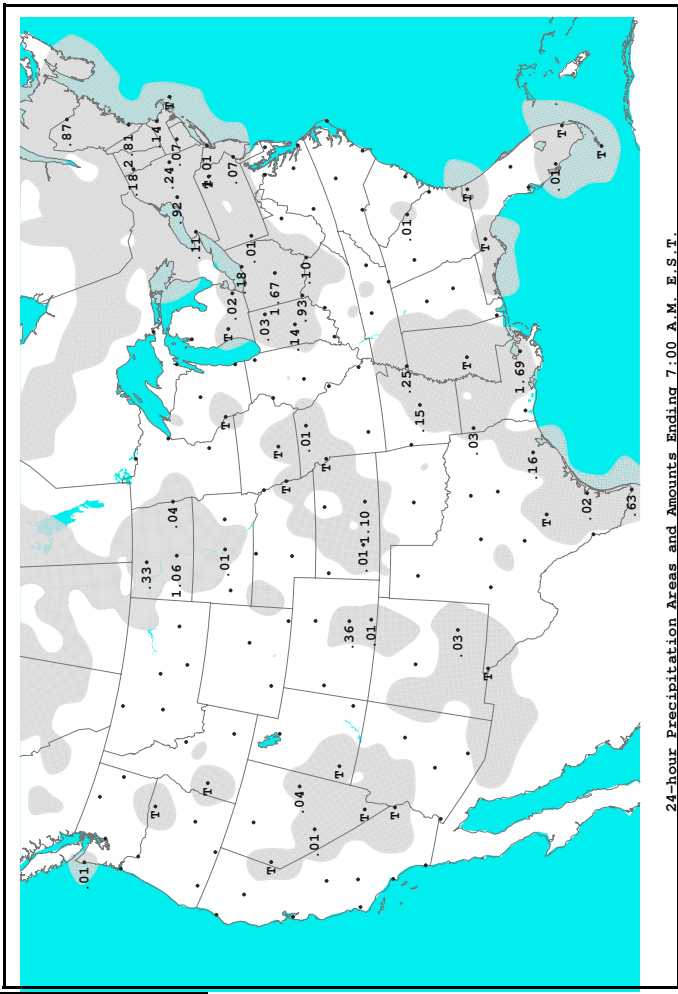
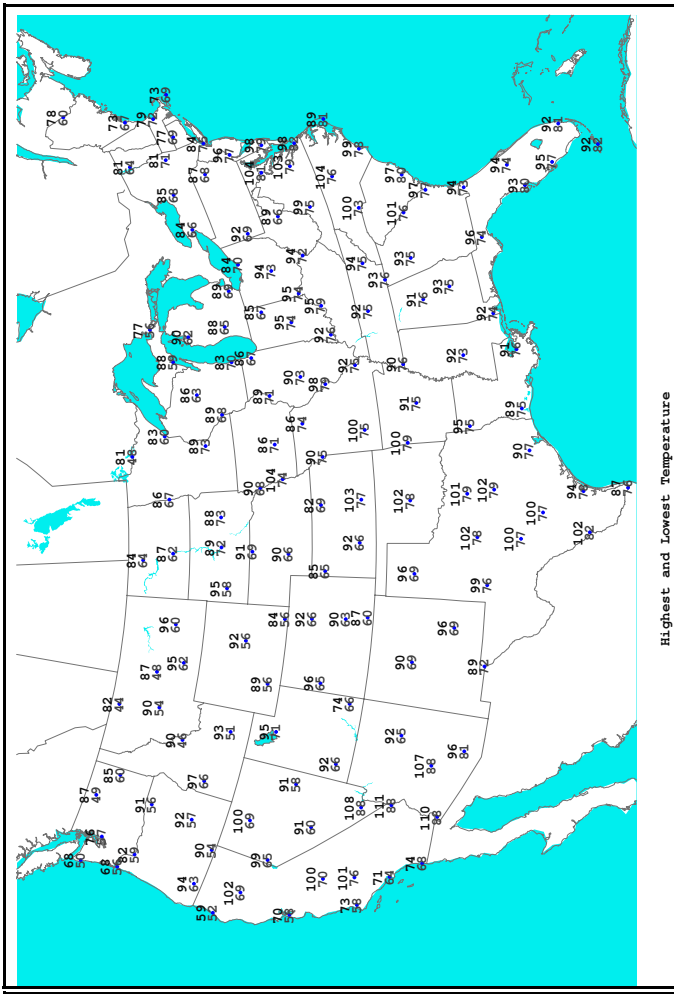
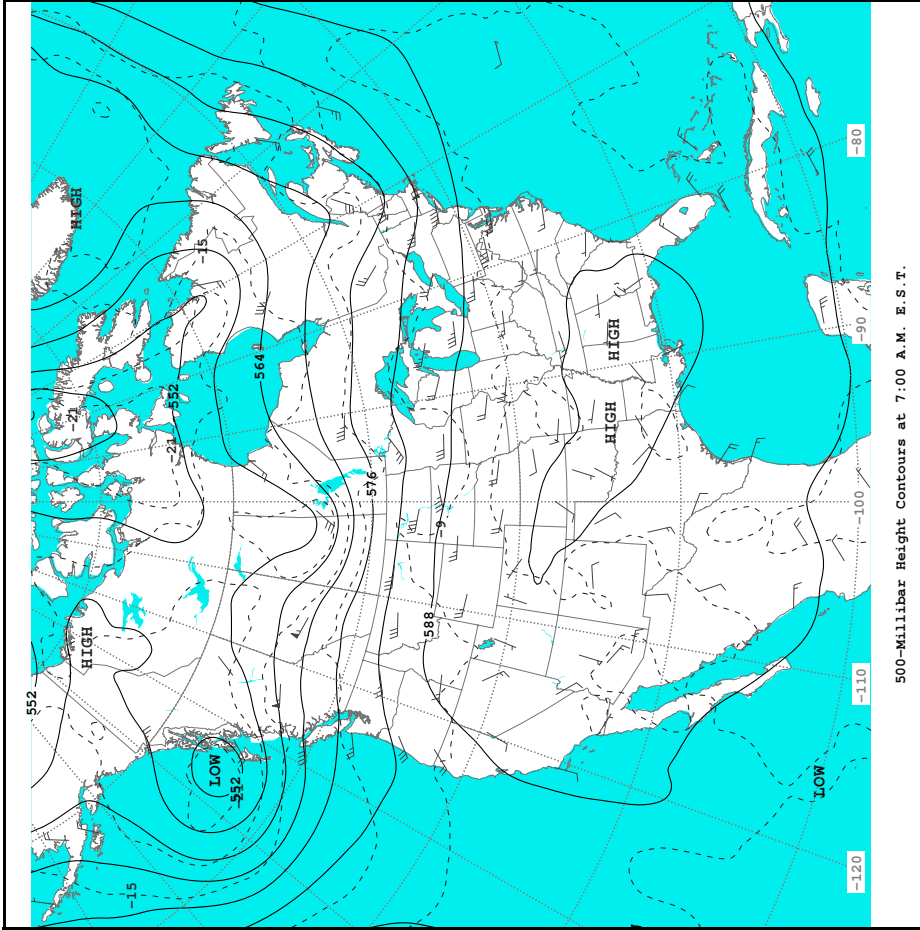
FRIDAY, JULY 29, 2011



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

Hydro-meteorological
Prediction Center
Analyst Ryan
True at 40.00N
NM 100 200 300 400 500





Station Model

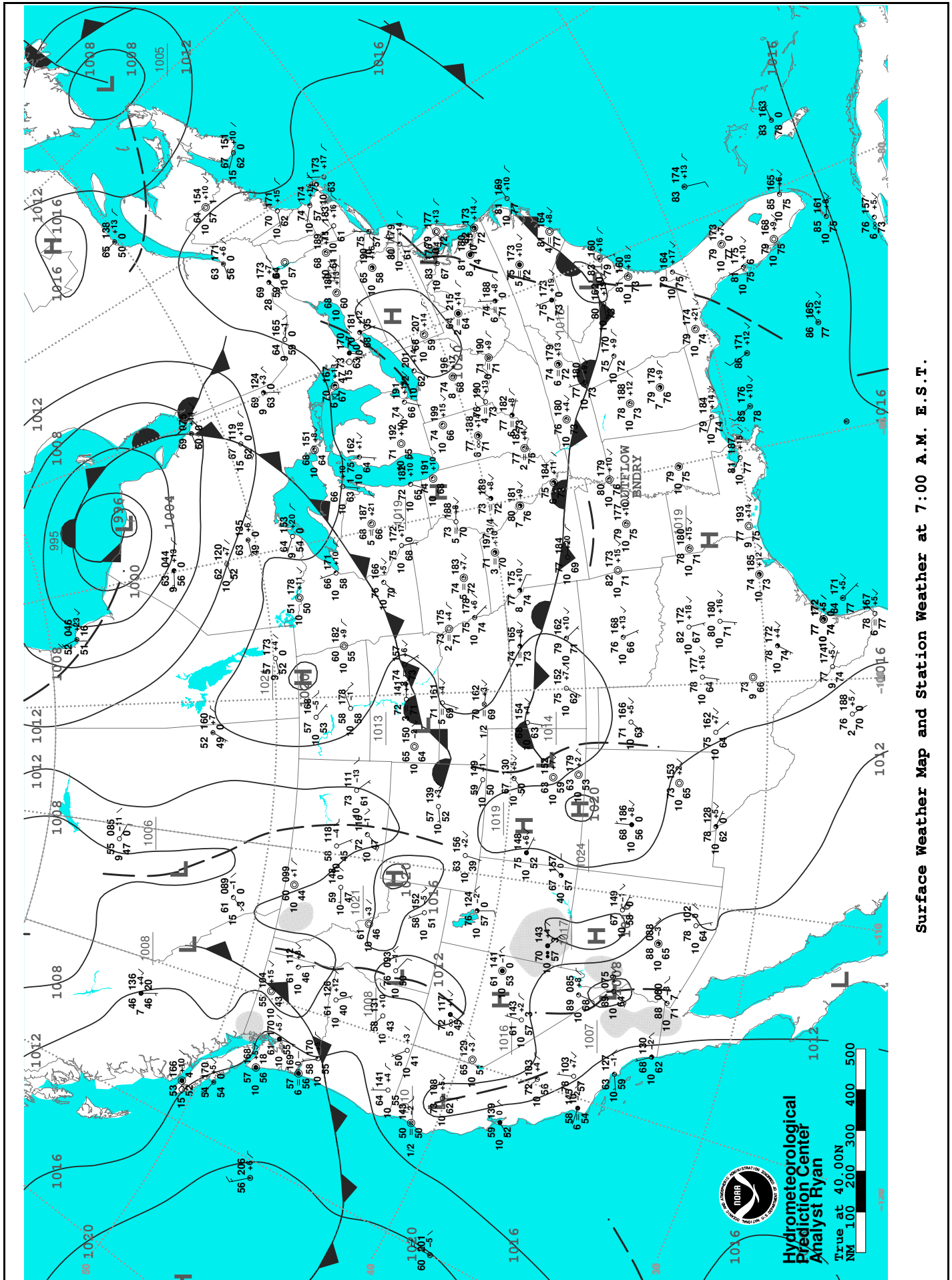
Wind Direction: Wind Speed: Long Feather - 10 knots, Short Feather - 5 knots

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

Visibility (in miles): Present Weather Symbol: Dew Point Temperature: Sky Cover:

Wind 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)
6 Hour Total Precipitation (in hundredths of an inch)

SATURDAY, JULY 30, 2011

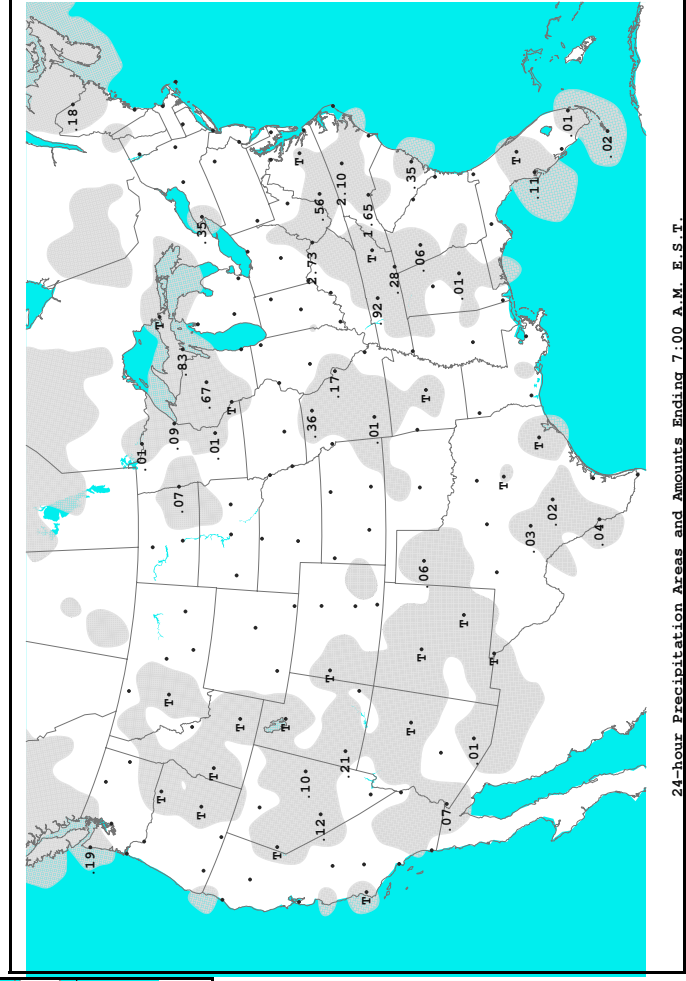
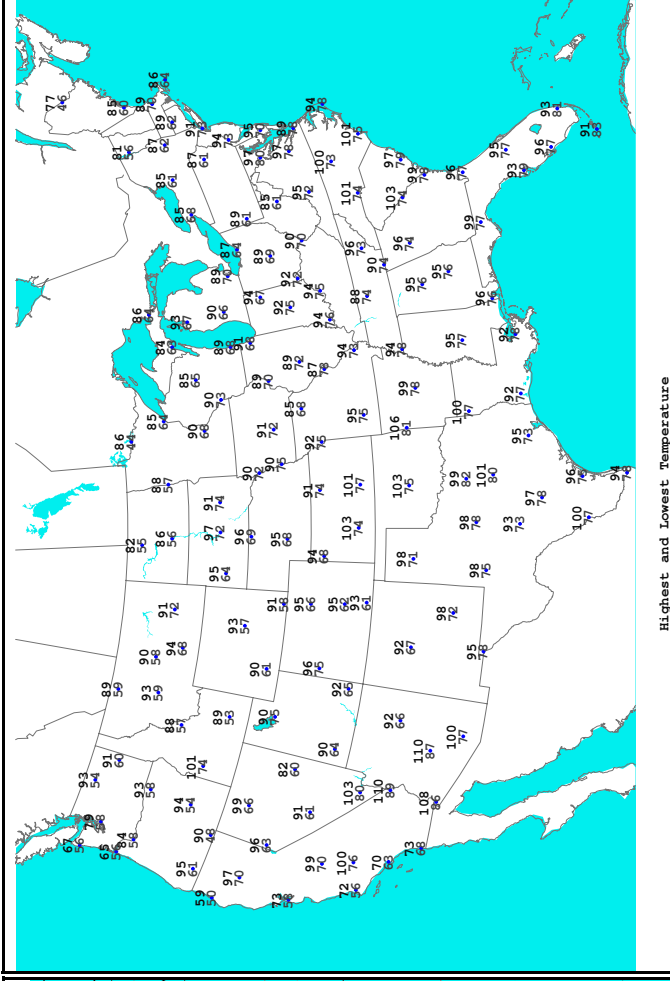
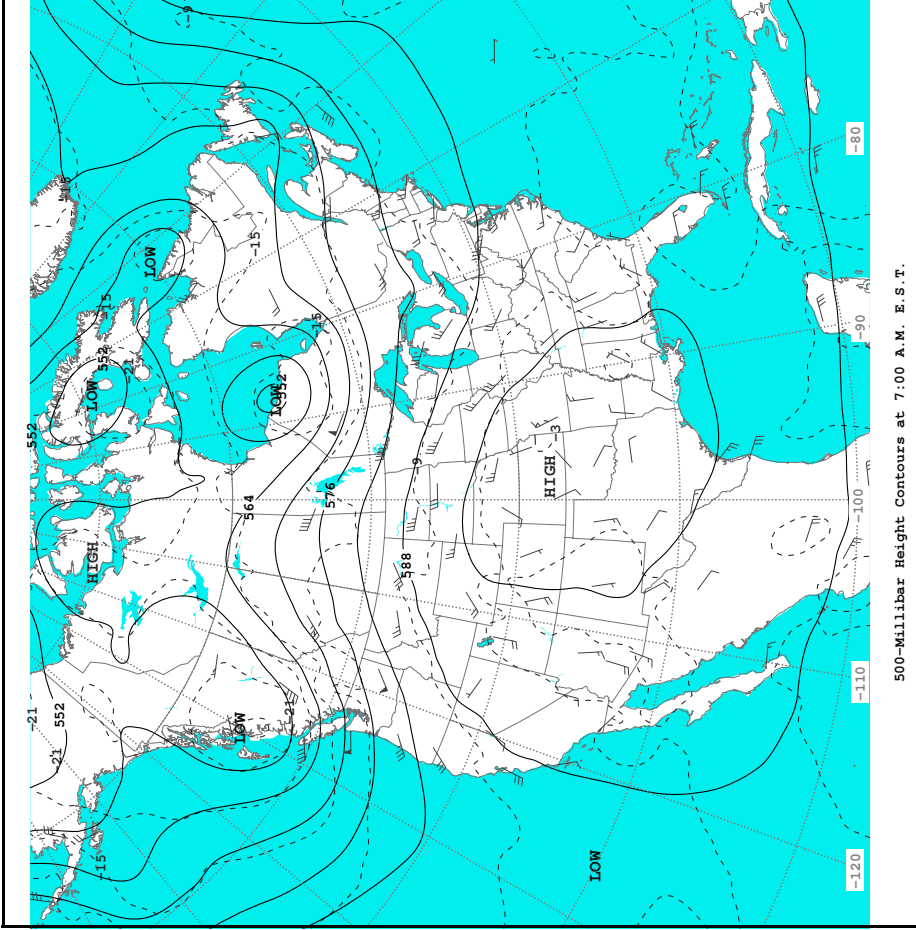


Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.



Hydrometeorological
Prediction Center
Analyst Ryan

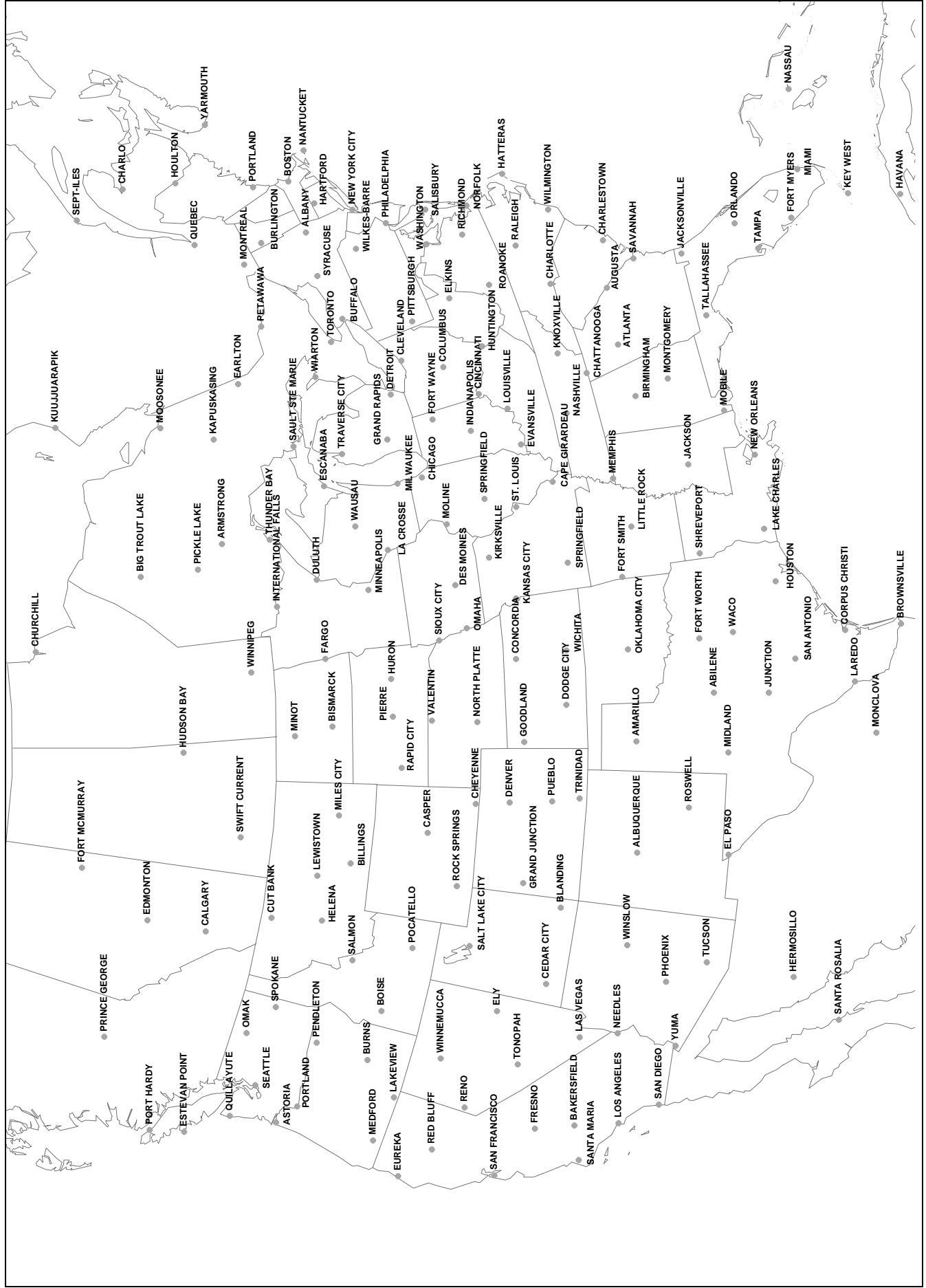
True at 40.00N
NM 100 200 300 400 500



Station Model

Wind Direction	Wind Speed	
Current Temperature (in °F)	Long Feather - 10 knots	ft
Visibility (in miles)	Short Feather - 5 knots	
Present Weather Symbol	3-Digit Surface Pressure (in tenths), Ex: 989 = 998.9mb, 012 = 1001.2mb	PPP
Dew Point Temperature	3 Hour Pressure Tendency (in tenths)	
	6 Hour Total Precipitation (in hundredths of an inch)	PP a
	Sky Cover	RR

SUNDAY, JULY 31, 2011



Daily Weather Map Station Names and Locations