



Daily Weather Maps

MARCH 26, 2012 - APRIL 1, 2012

Week 13

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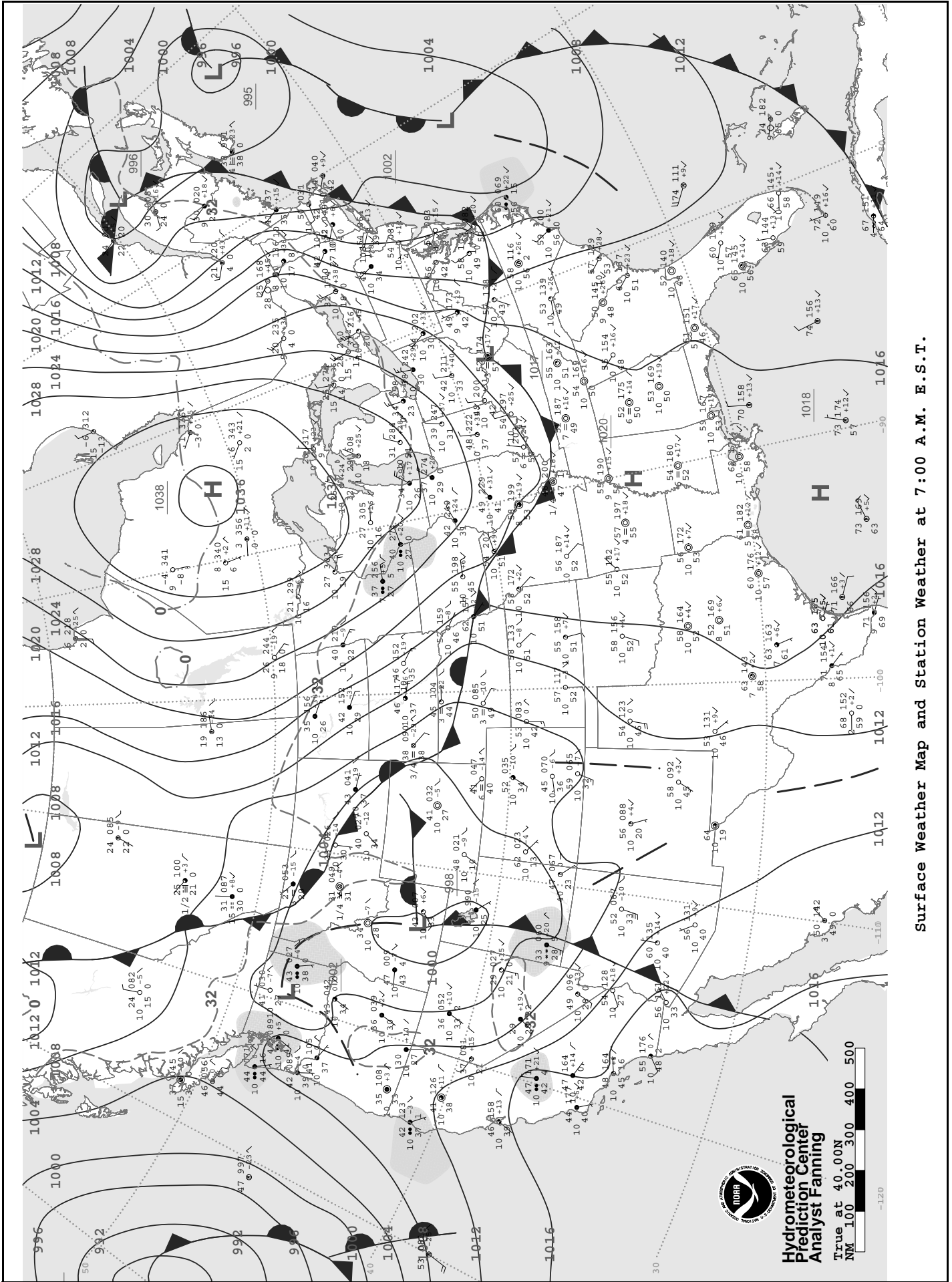
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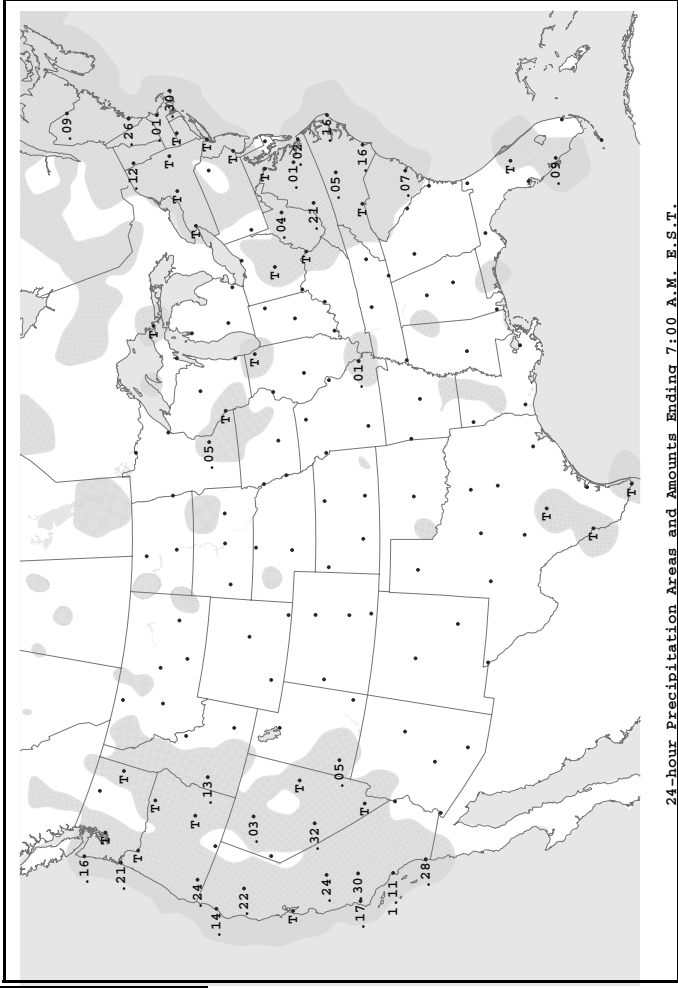
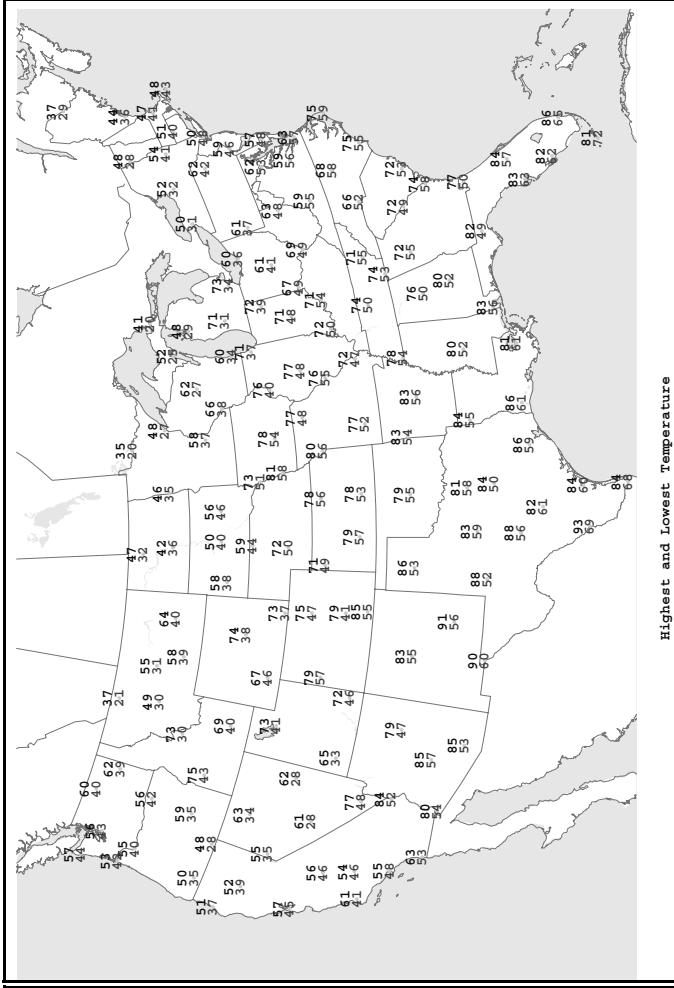
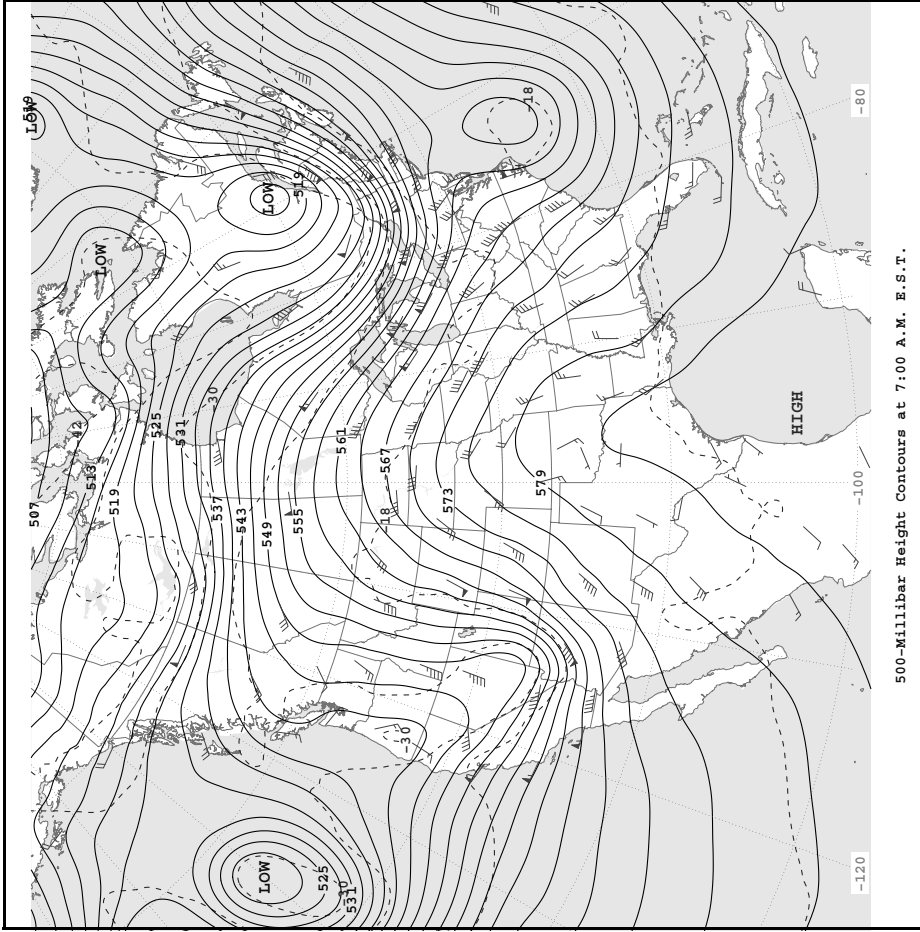
Correspondence to the meteorologists should be directed to: *Daily Weather Map*, NOAA/National Weather Service, Room 410, 5200 Auth Rd, Camp Springs, MD 20746.

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

Current HPC products are available online at www.hpc.ncep.noaa.gov



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



Station Model

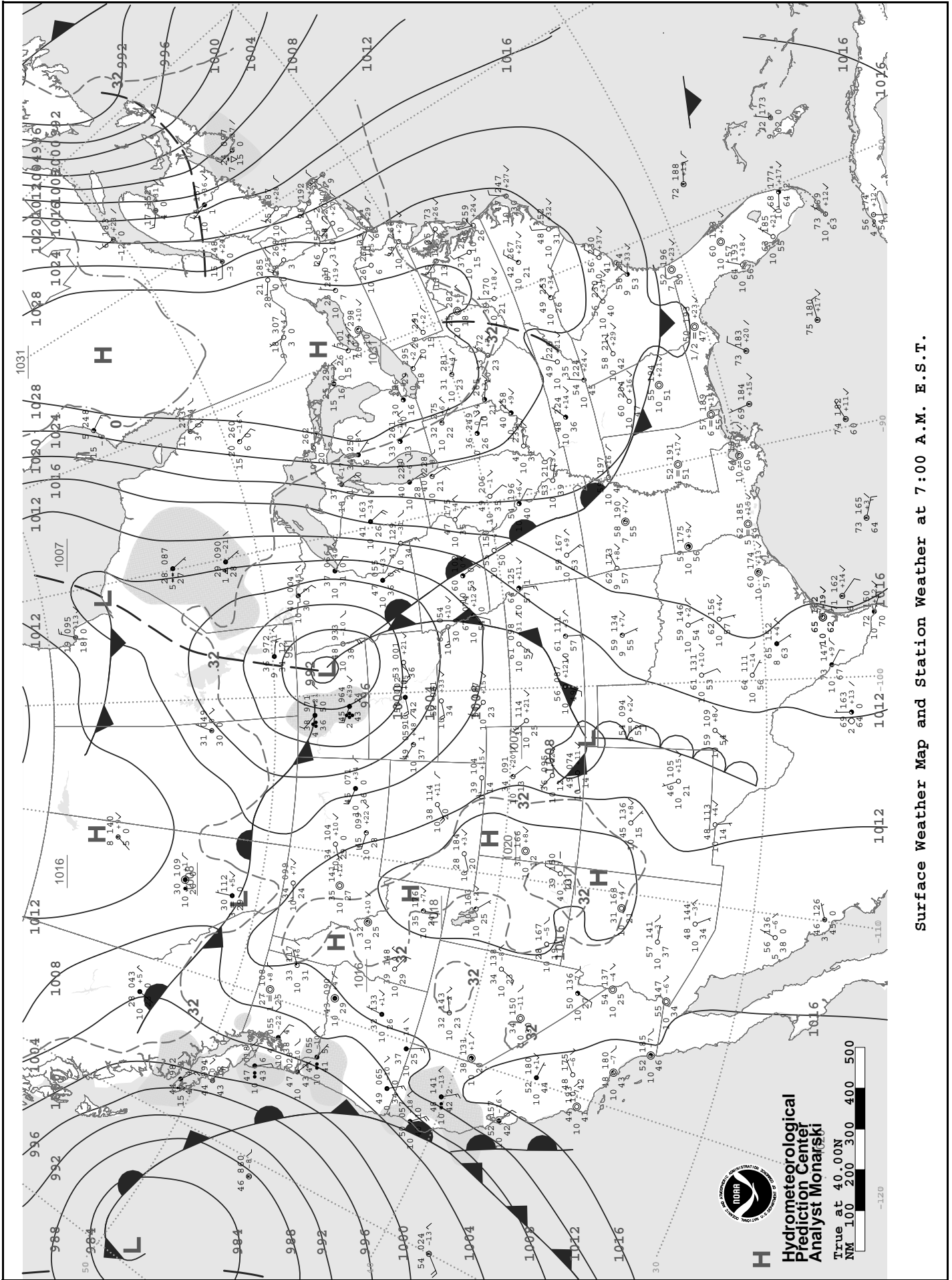
The station model diagram consists of a central circle and several lines extending from it to different symbols. Each symbol represents a specific weather parameter:

- Wind Direction:** A line with a short feather pointing in the direction of the wind.
- Wind Speed:** A line with a long feather pointing in the direction of the wind.
- Current Temperature (in °F):** A large 'F' symbol.
- Visibility (in miles):** A 'V' symbol.
- Present Weather Symbol:** A circle containing a symbol representing the current weather condition.
- Dew Point Temperature:** A 'TD' symbol.
- 3-Digit Surface Pressure (in tenths):** A 'PPP' symbol.
- 3 Hour Pressure Tendency (in tenths):** A 'PP' symbol.
- 6 Hour Total Precipitation (in hundredths of an inch):** A 'RR' symbol.
- Sky Cover:** A line with a short feather pointing to a circle representing the sky cover.

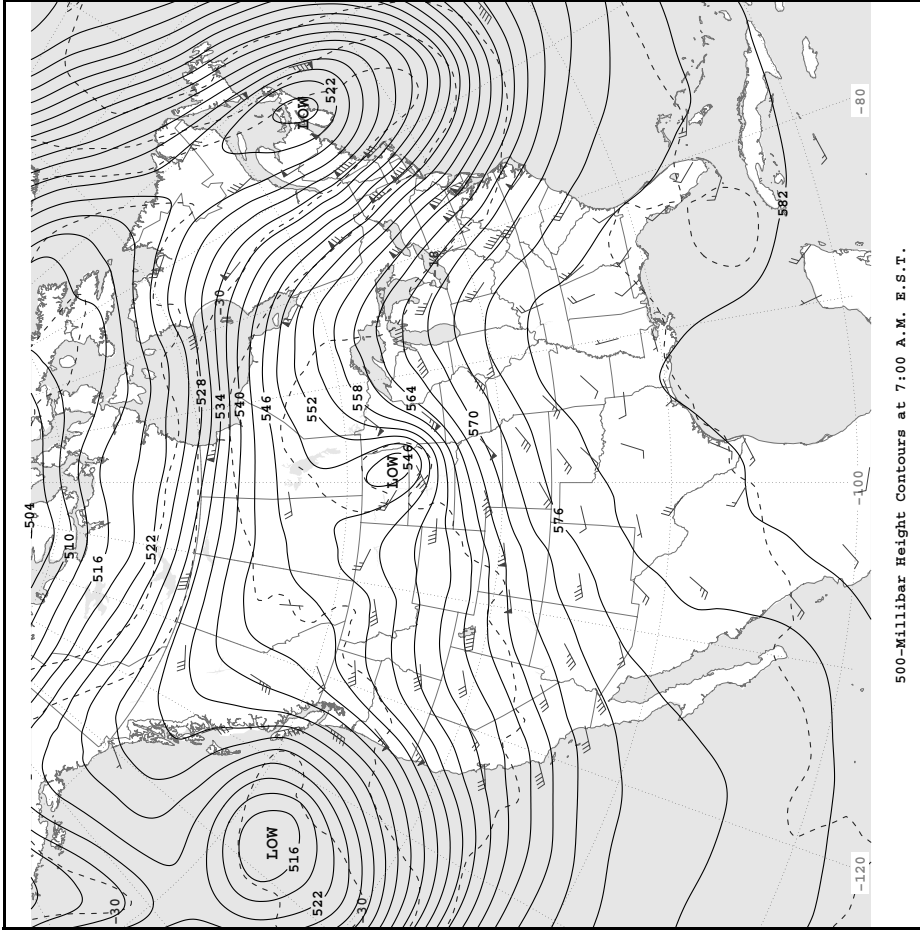
Examples of values provided in the diagram:

- Wind Direction: 090
- Wind Speed: 10
- Current Temperature: 66
- Visibility: 10
- Present Weather Symbol: Cloudy
- Dew Point Temperature: 50
- 3-Digit Surface Pressure: 989
- 3 Hour Pressure Tendency: 012
- 6 Hour Total Precipitation: 012
- Sky Cover: 4

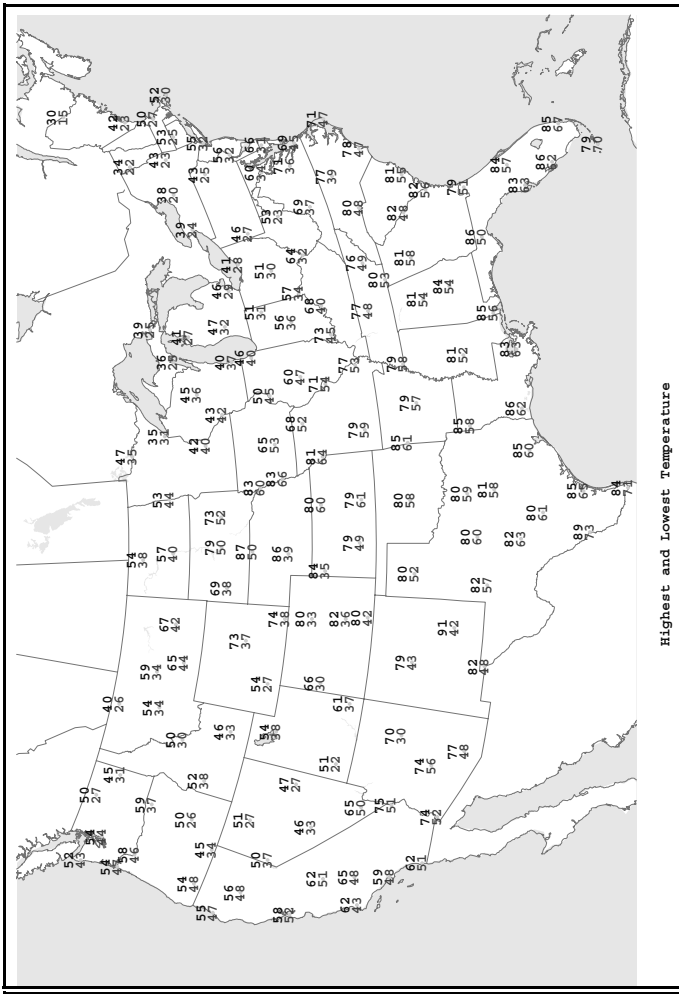
MONDAY, MARCH 26, 2012



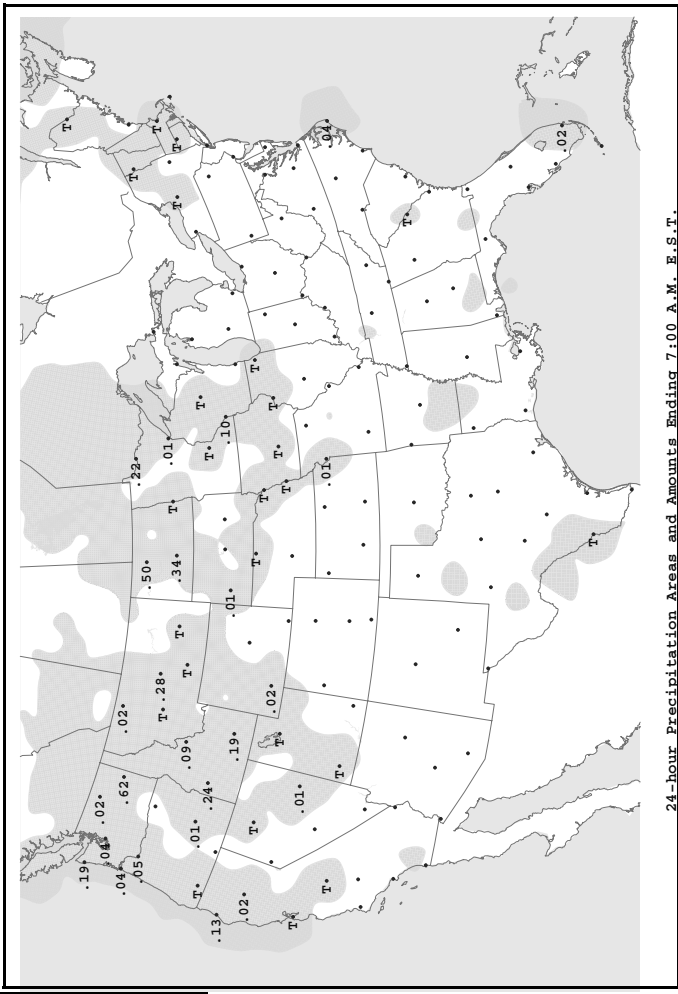
Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.



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

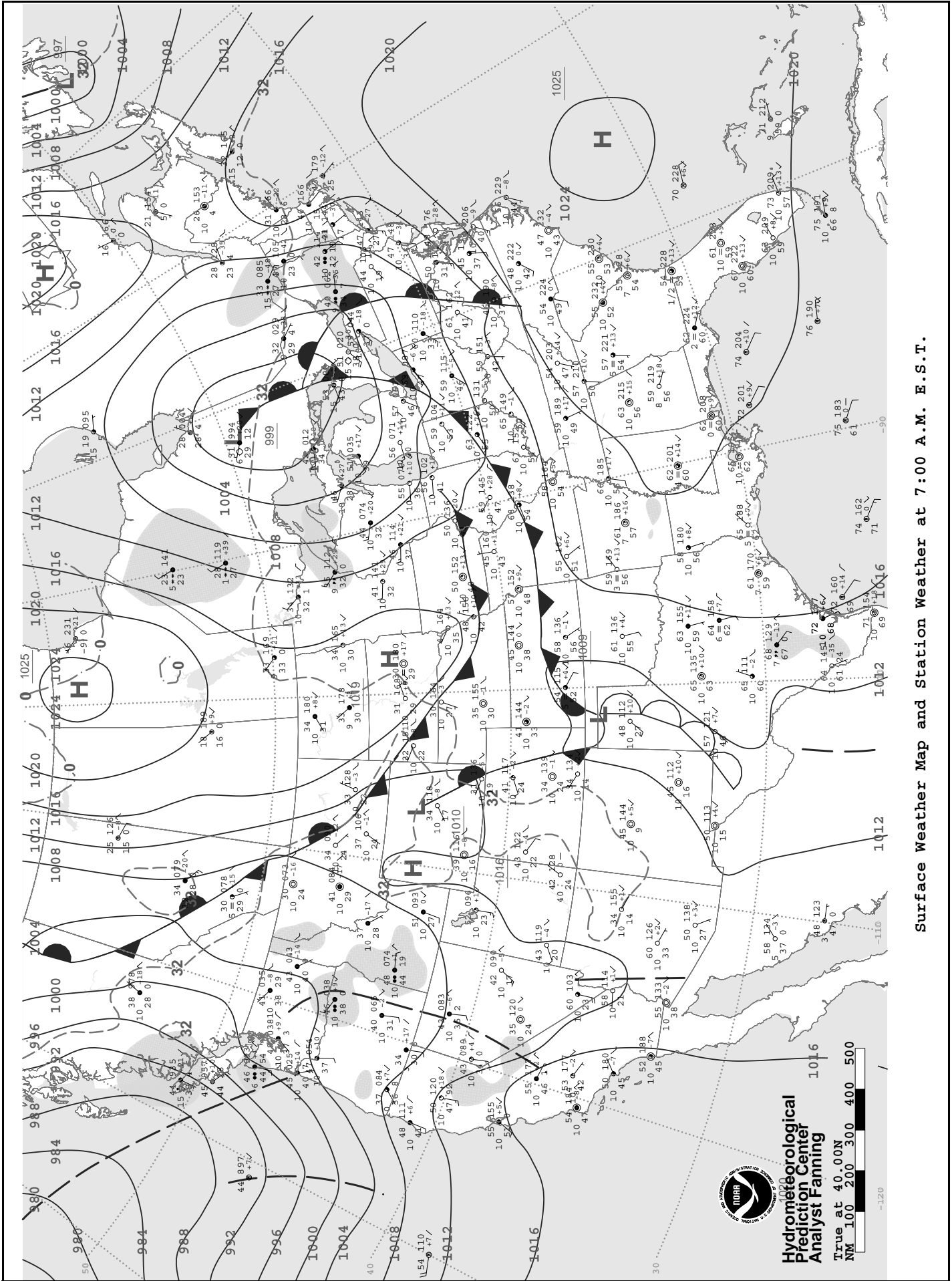
Wind Direction ——— Wind Speed
 Long Feather - 10 knots
 Short Feather - 5 knots

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

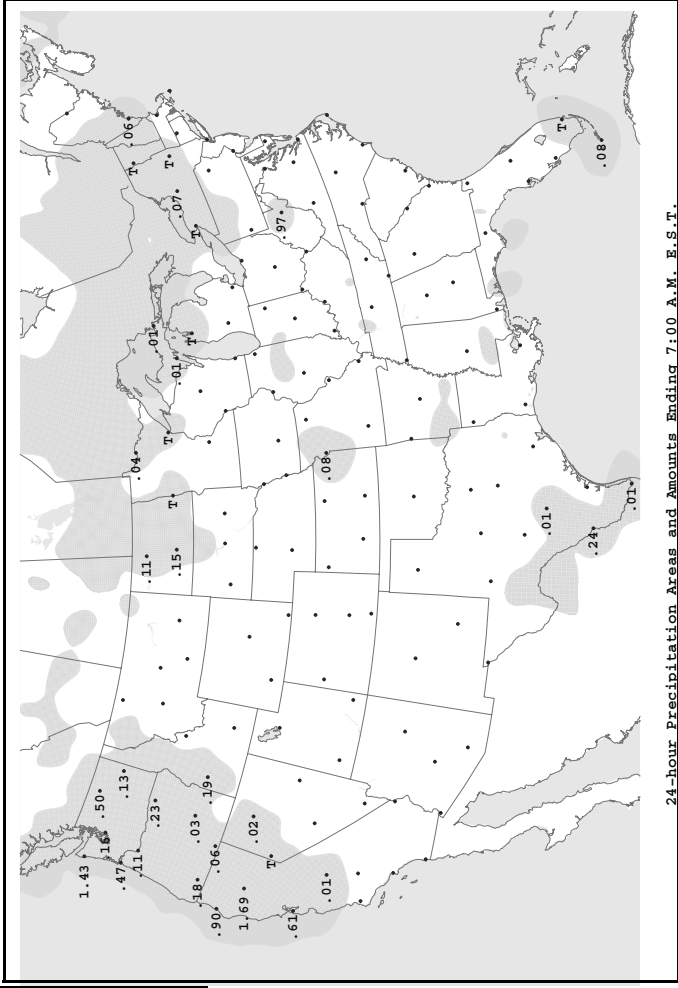
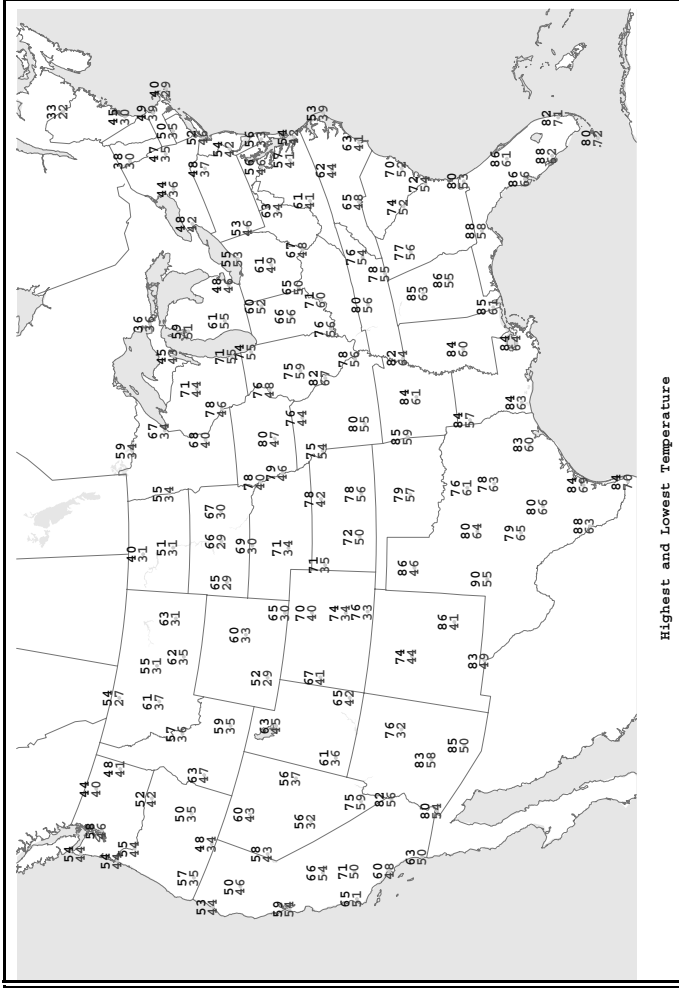
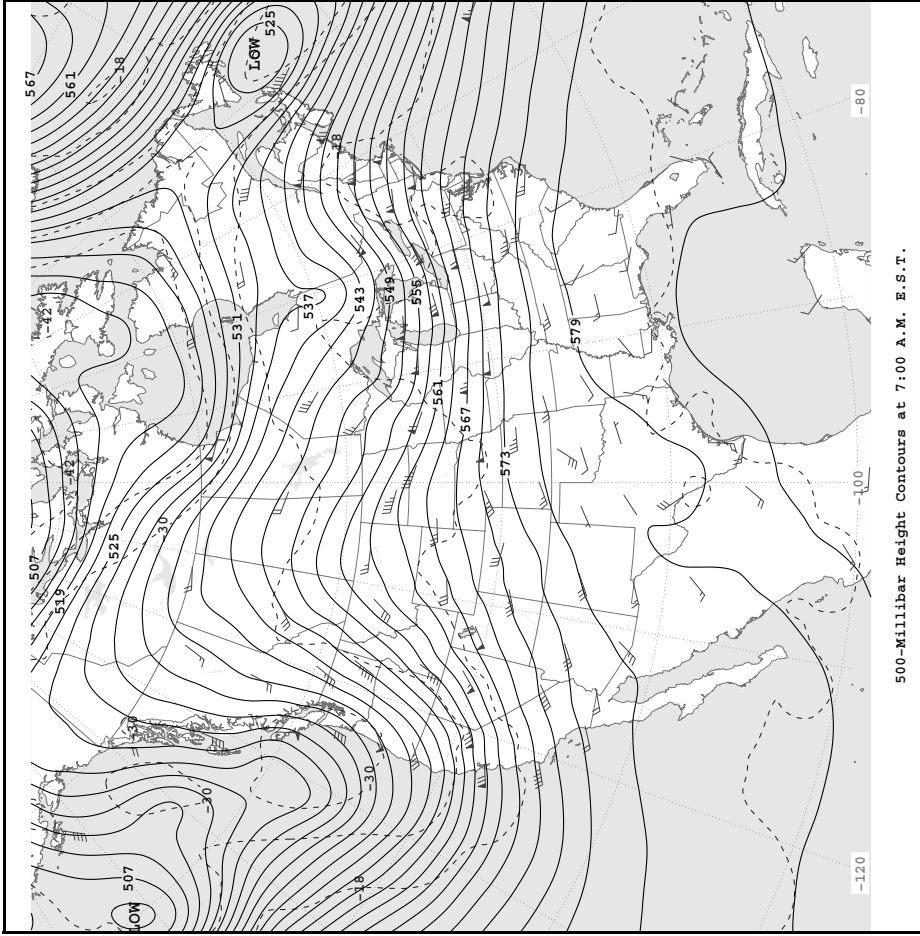
3-Digit Surface Pressure (in tenths). Ex:
 989 = 998.9mb,
 012 = 1001.2mb

3 Hour Pressure Tendency (in tenths) ——— PP ———
 6 Hour Total Precipitation (in hundredths of an inch) ——— PP a ———
 Sky Cover ——— RR ———

TUESDAY, MARCH 27, 2012



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**

Visiblity (in miles): **TT**

Present Weather Symbol: **●**

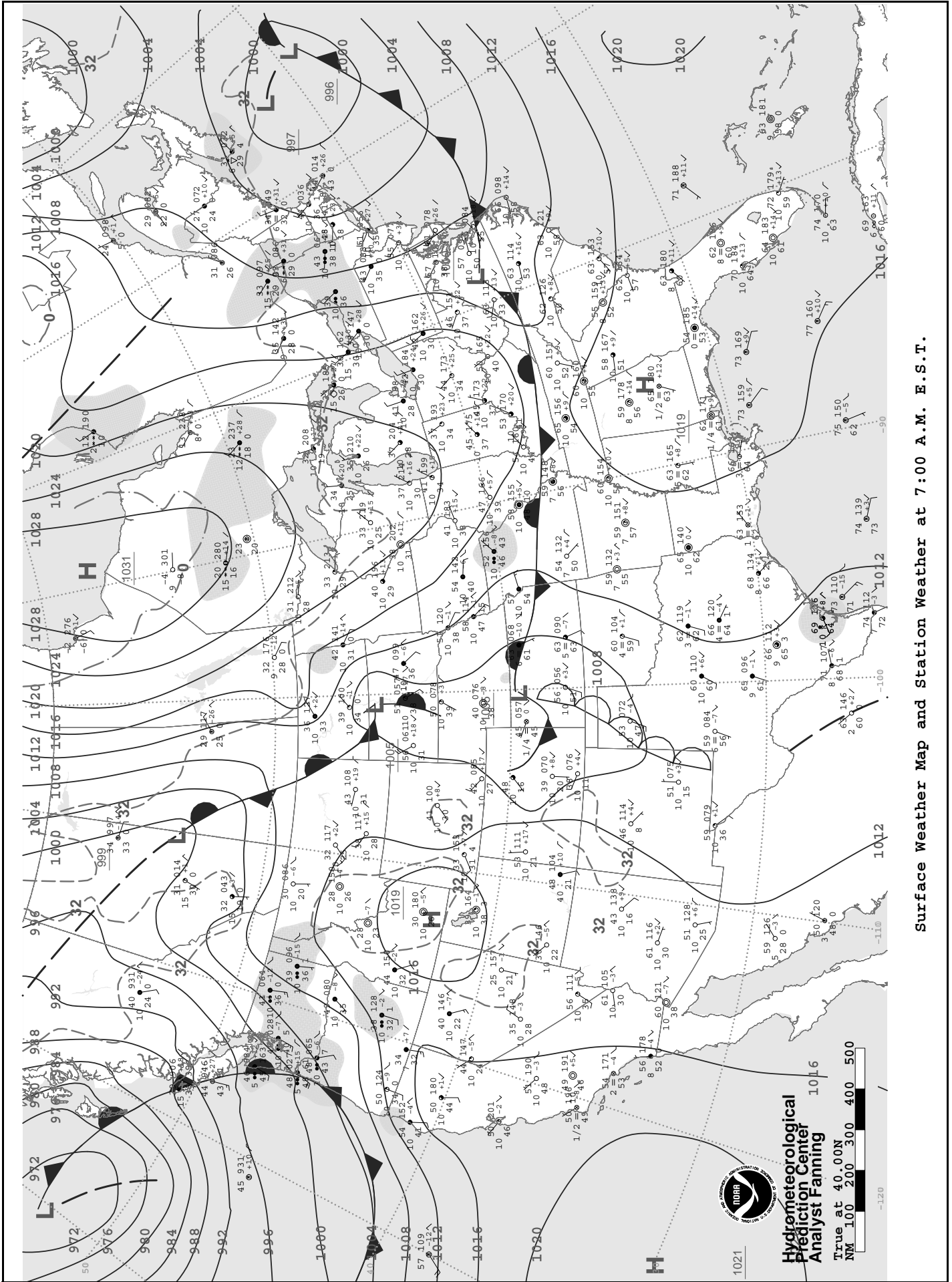
Dew Point Temperature: **DD**

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

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

Sky Cover: **SS**

WEDNESDAY, MARCH 28, 2012

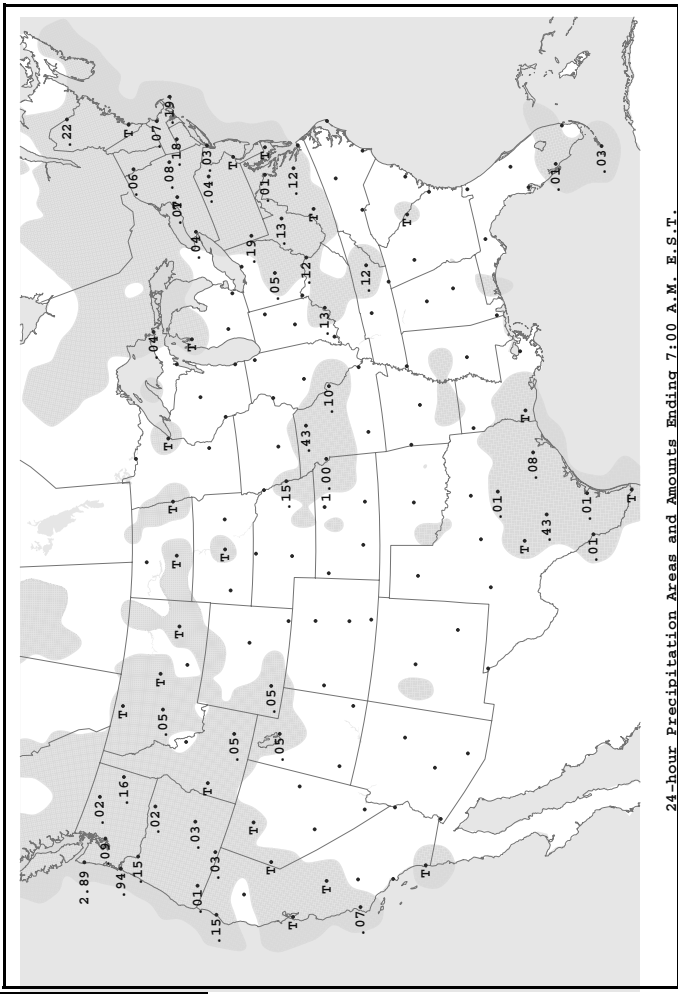
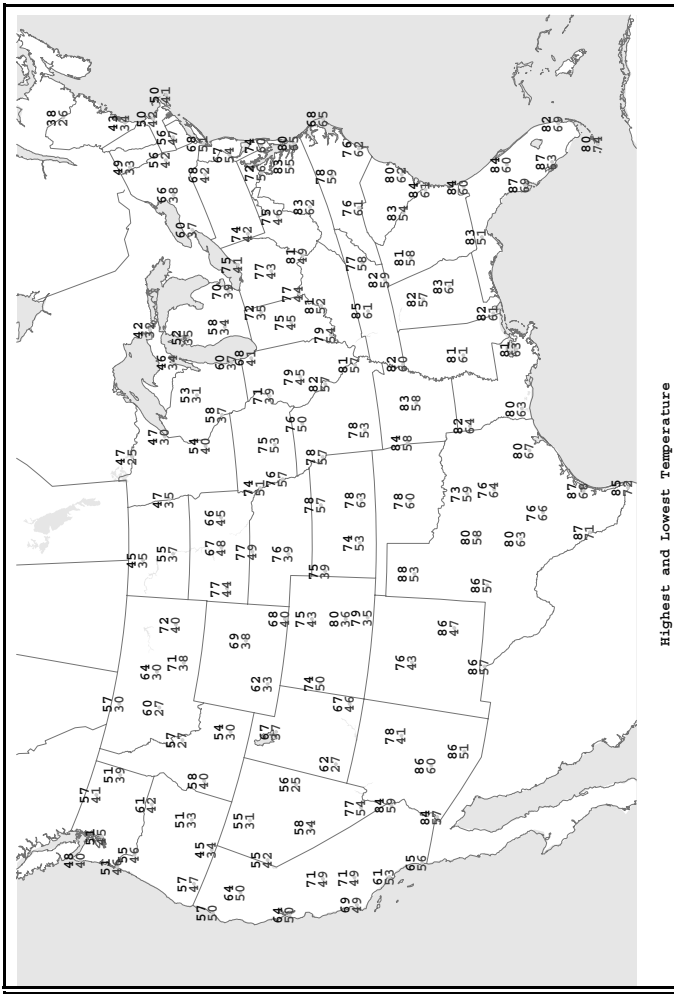
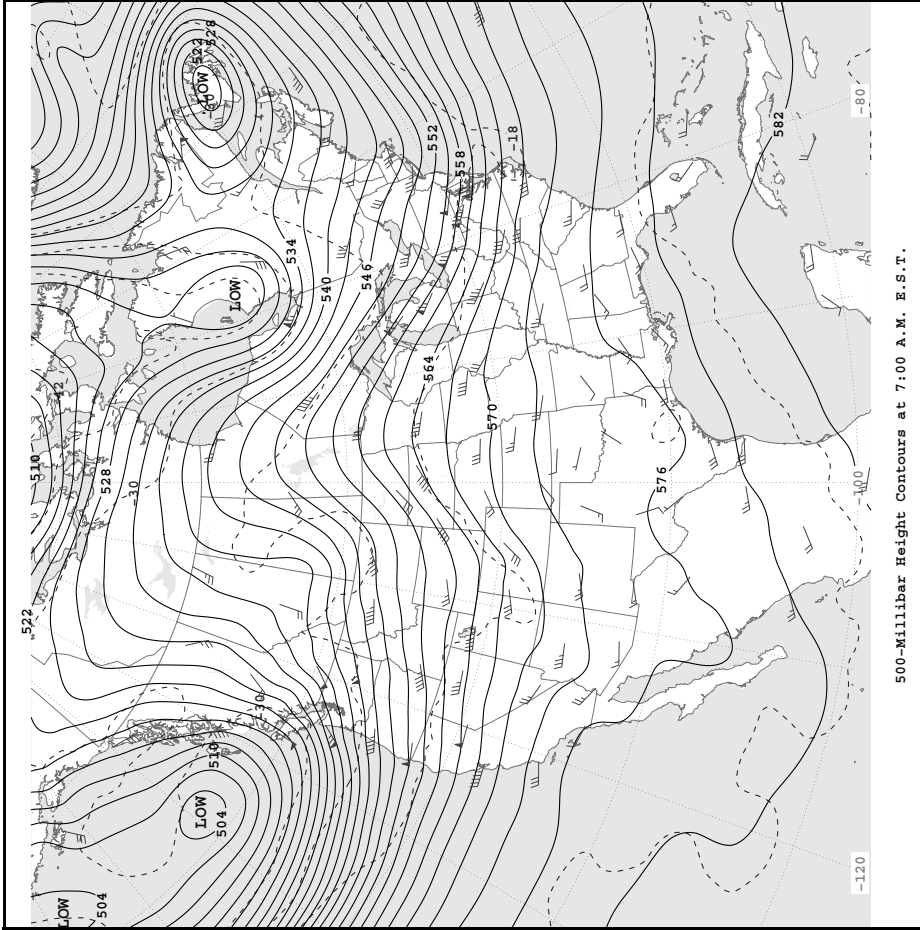


Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.

Hydrometeorological
Prediction Center
Analyst Fanning

True at 40.00N
NM 100 200 300 400 500





Station Model

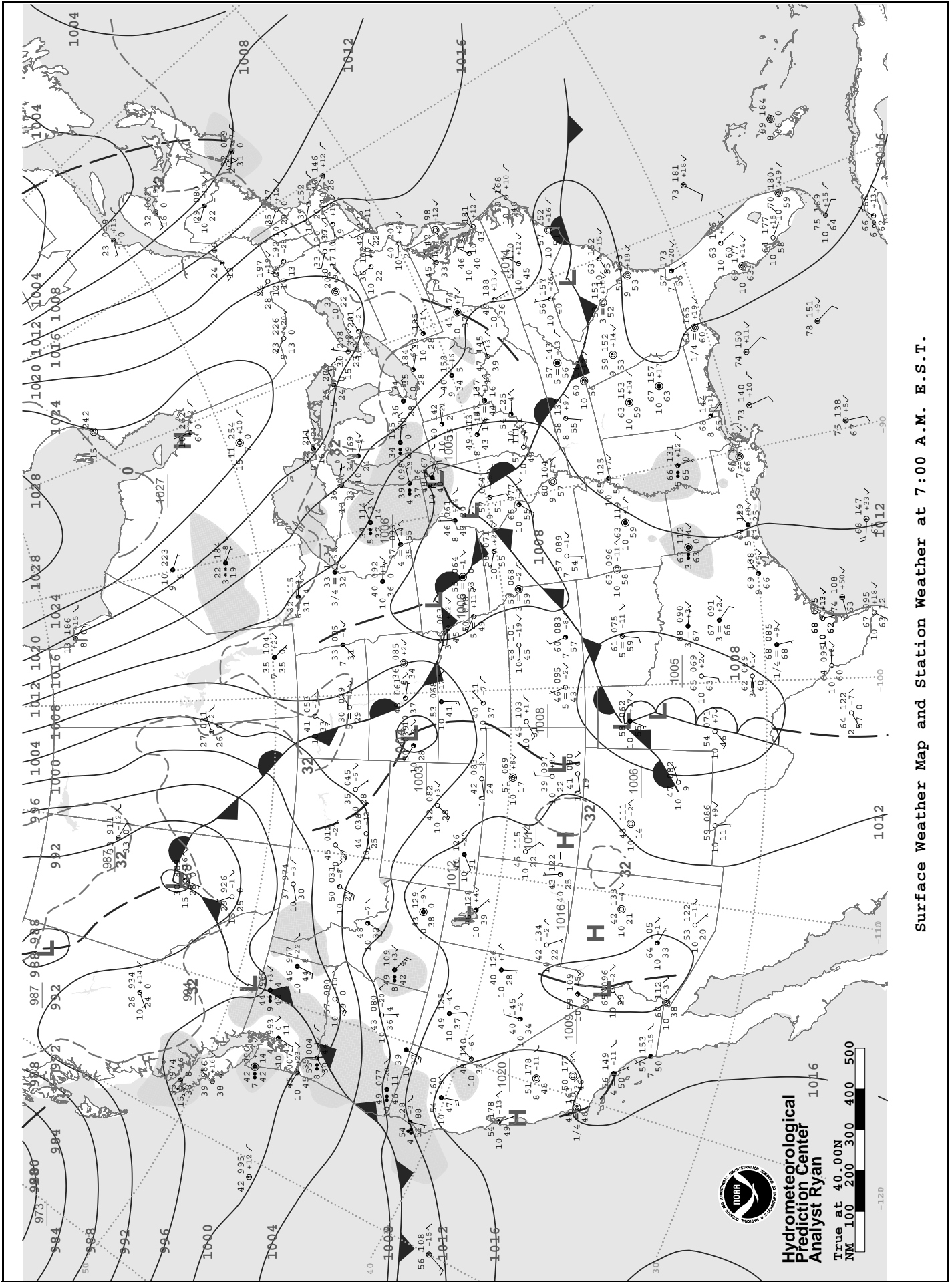
Wind Direction: Wind Speed: Long Feather - 10 knots, Short Feather - 5 knots

Current Temperature (in °F): ft

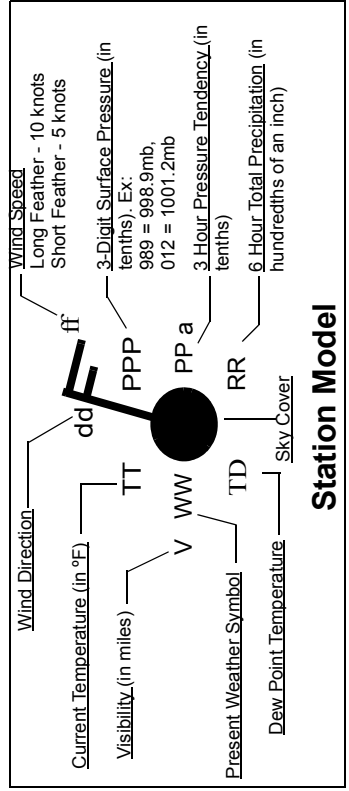
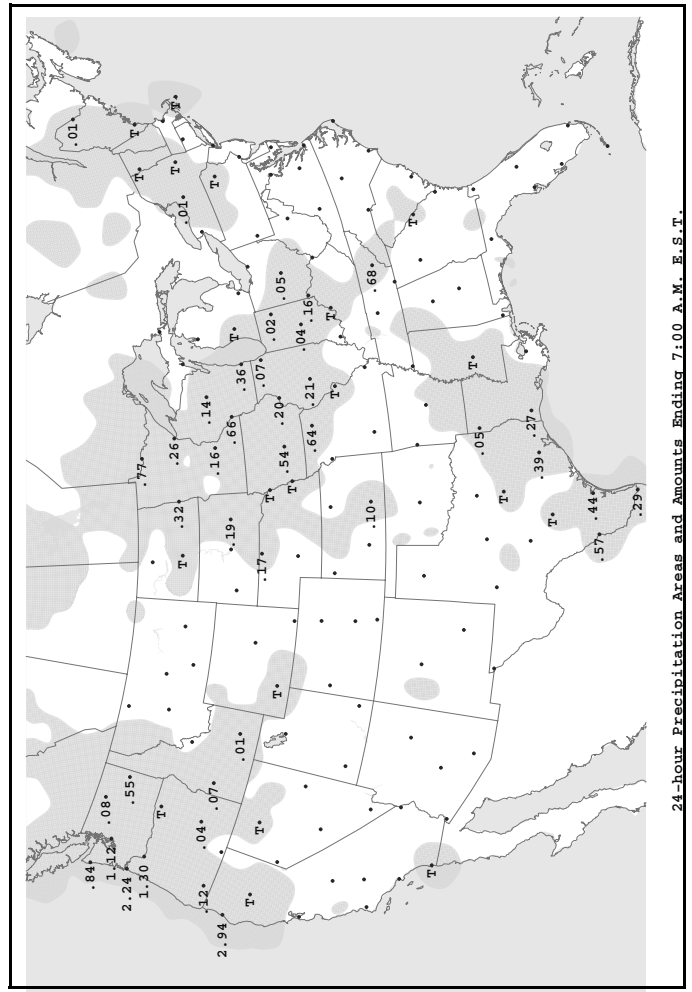
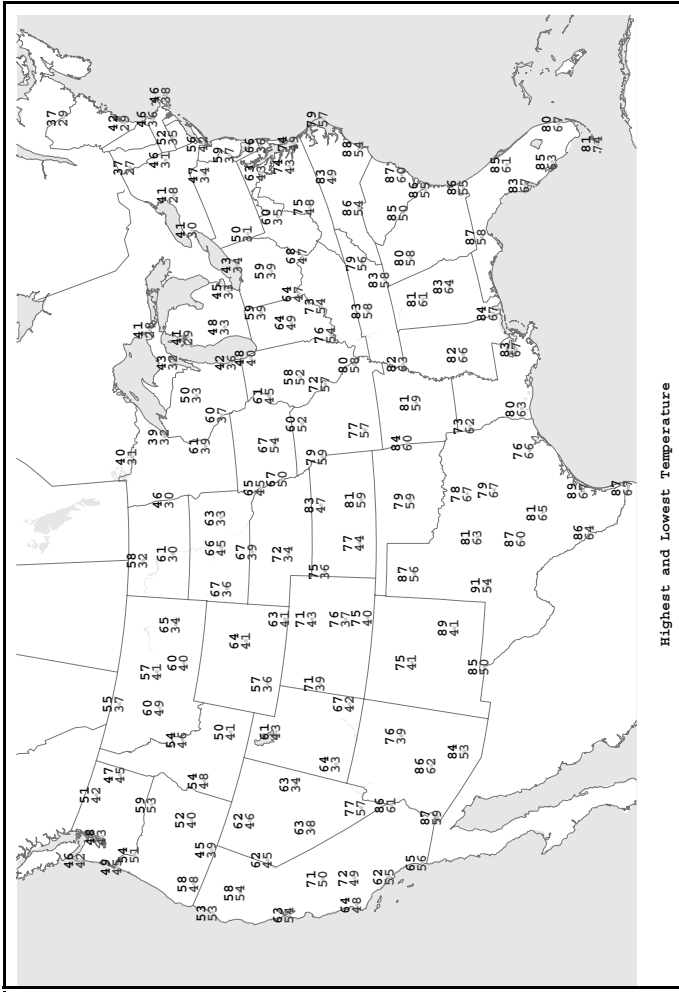
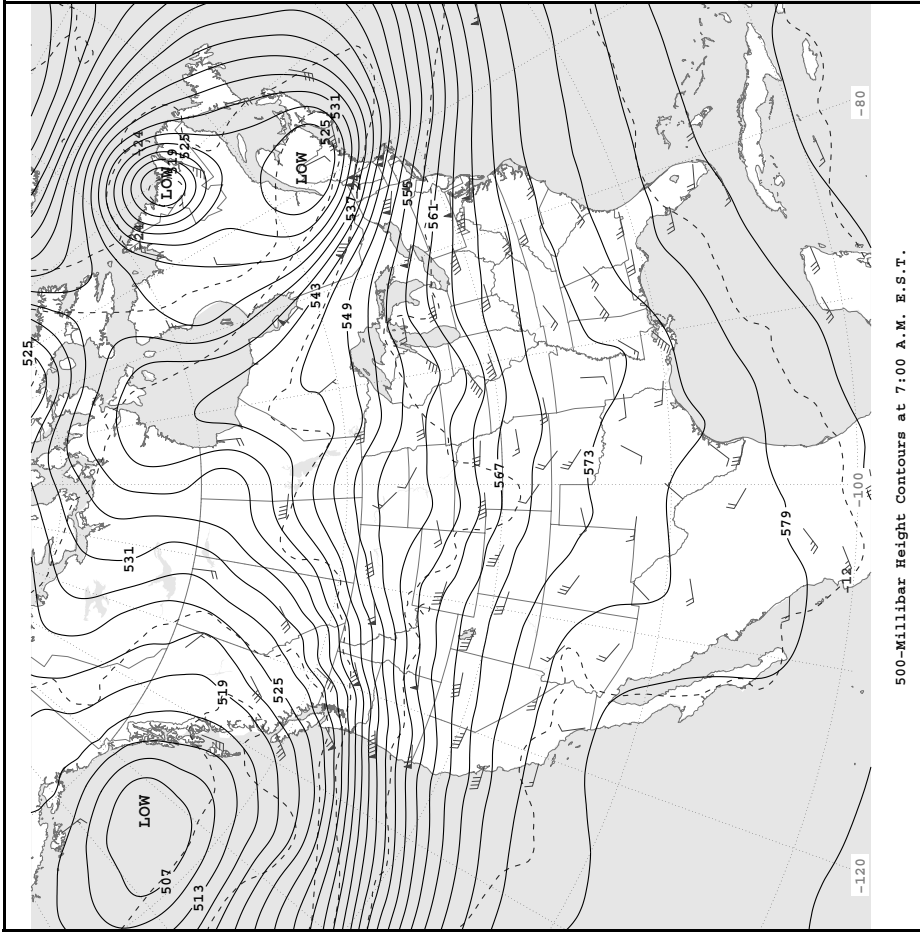
Visibility (in miles): 3-Digit Surface Pressure (in tenths): Ex: 989 = 998.9mb, 012 = 1001.2mb

Present Weather Symbol: 3 Hour Pressure Tendency (in tenths): 6 Hour Total Precipitation (in hundredths of an inch): Sky Cover:

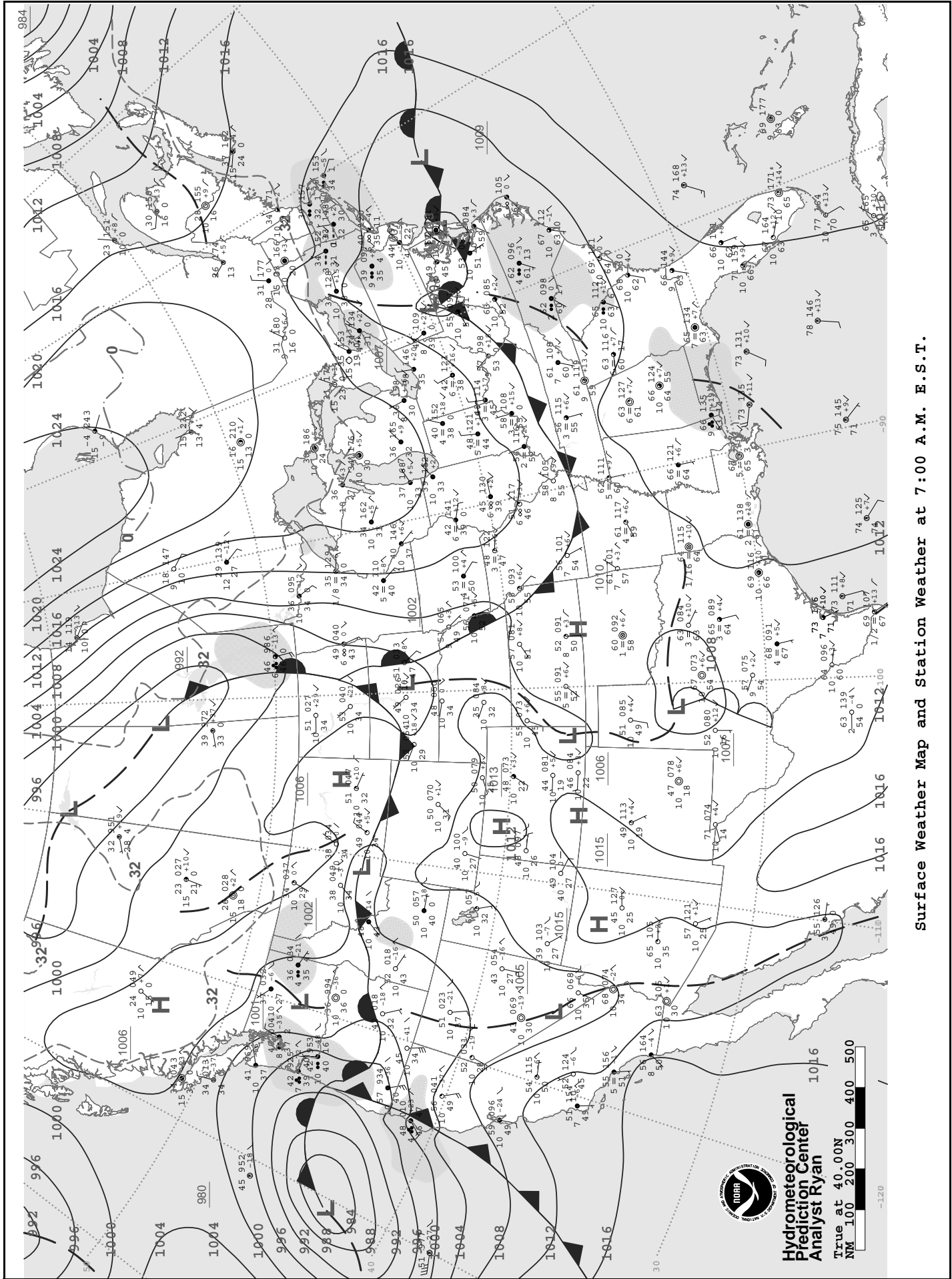
THURSDAY, MARCH 29, 2012

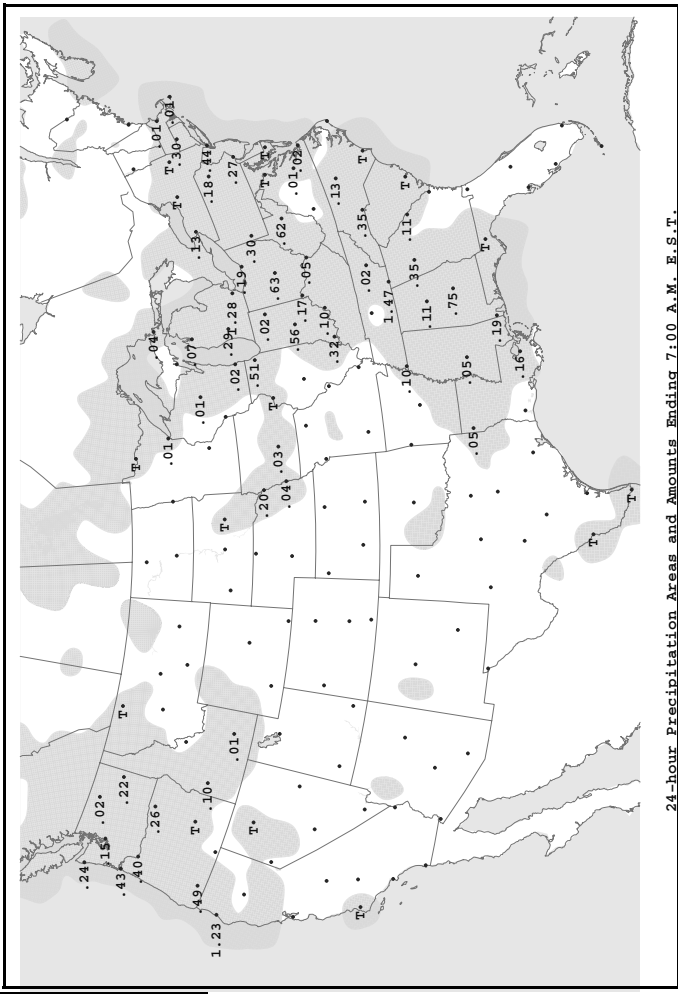
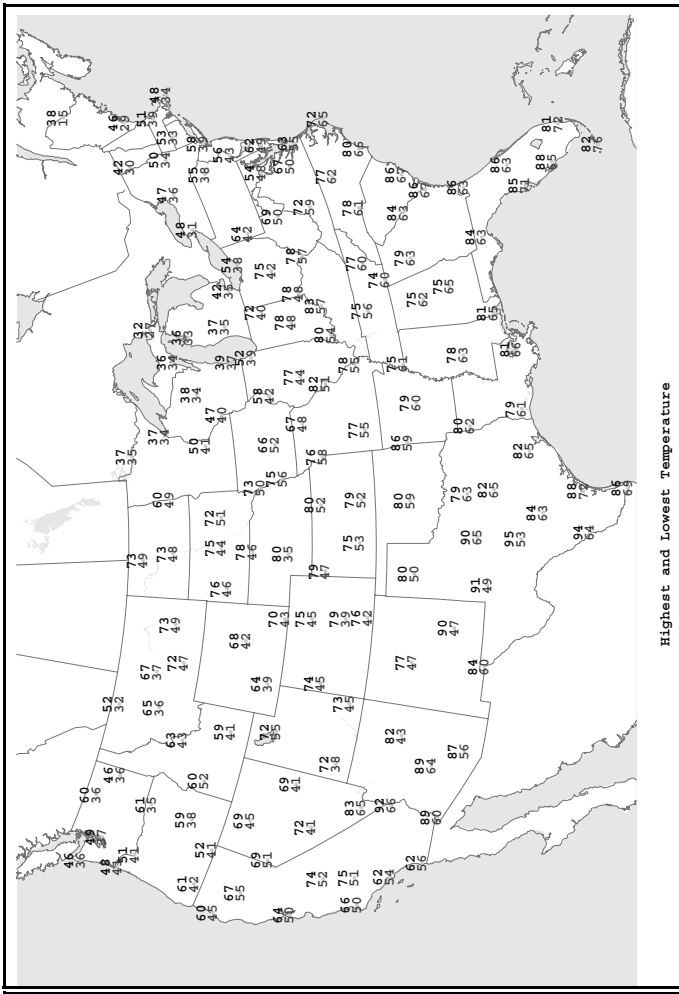
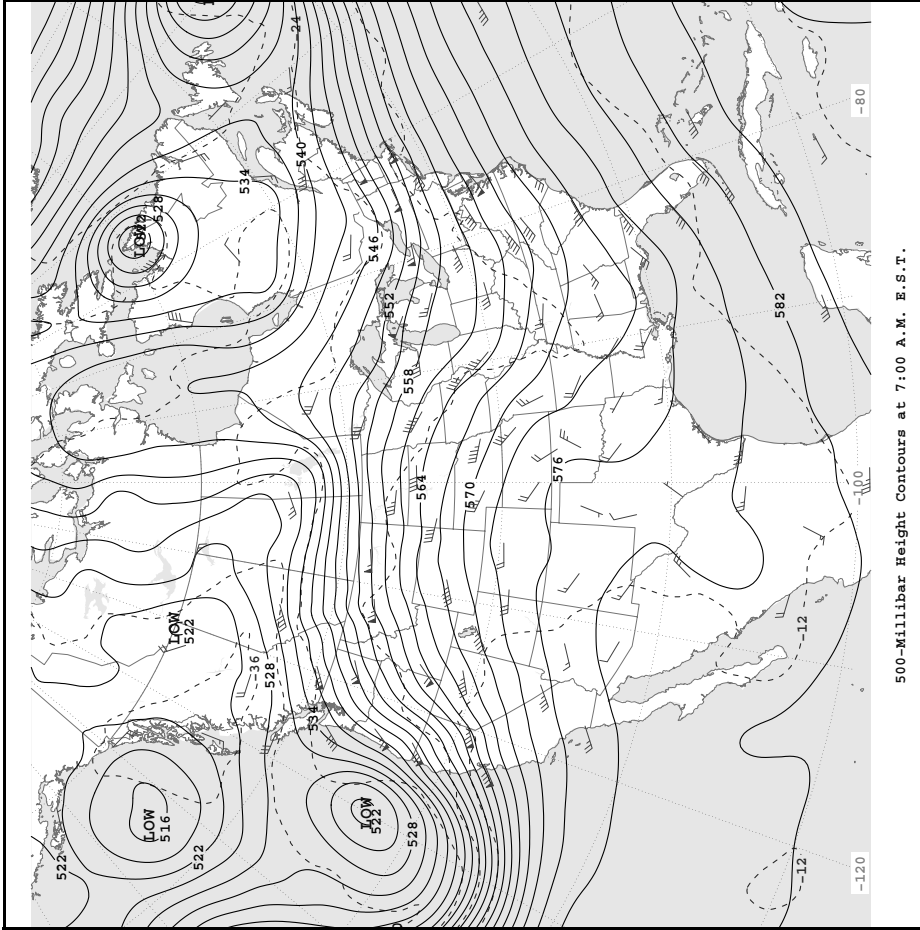


Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.



FRIDAY, MARCH 30, 2012





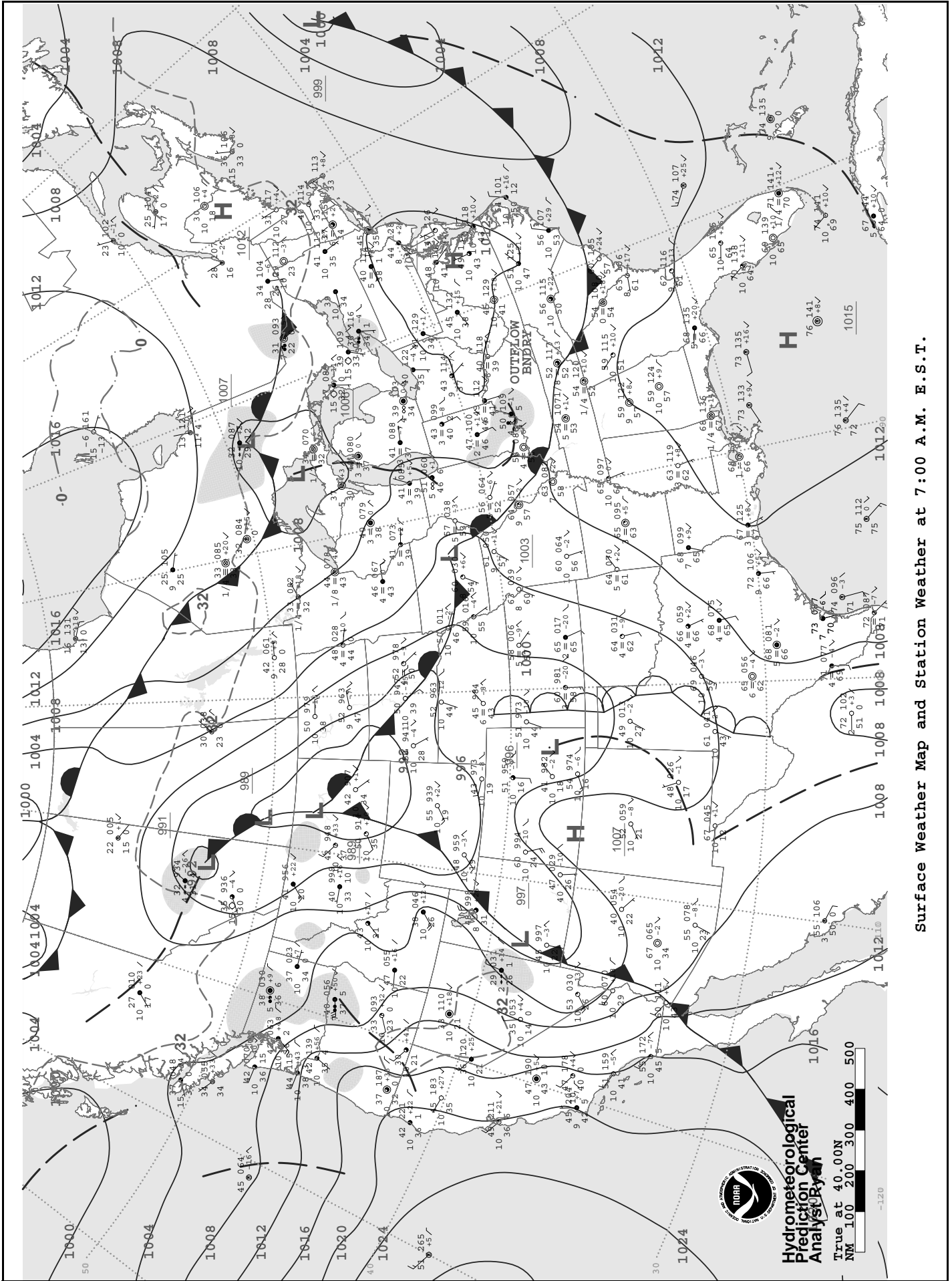
Station Model

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

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

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

SATURDAY, MARCH 31, 2012

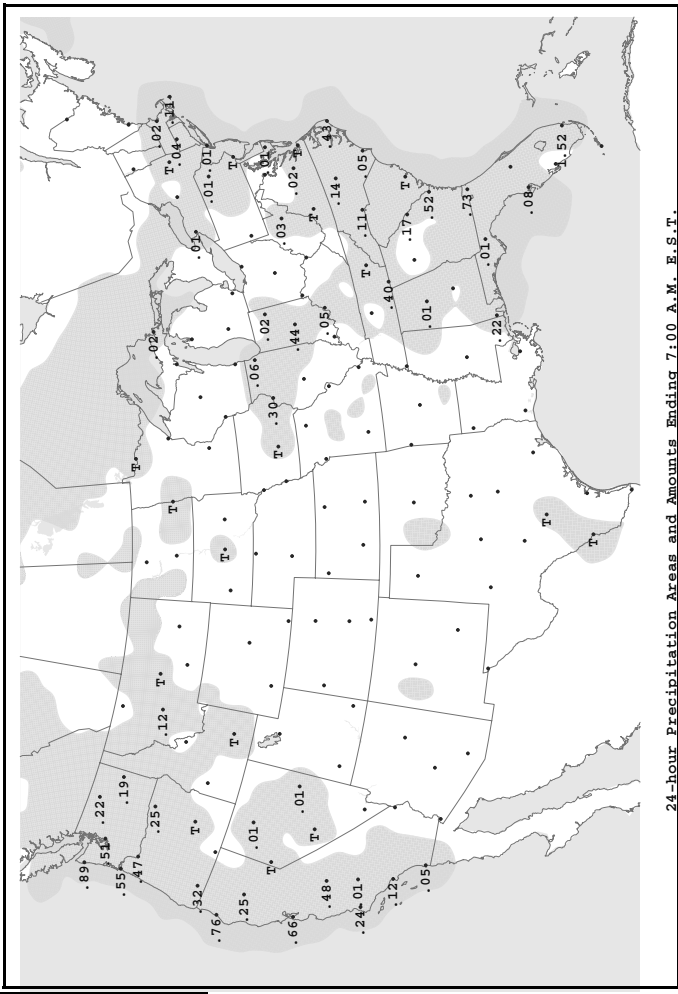
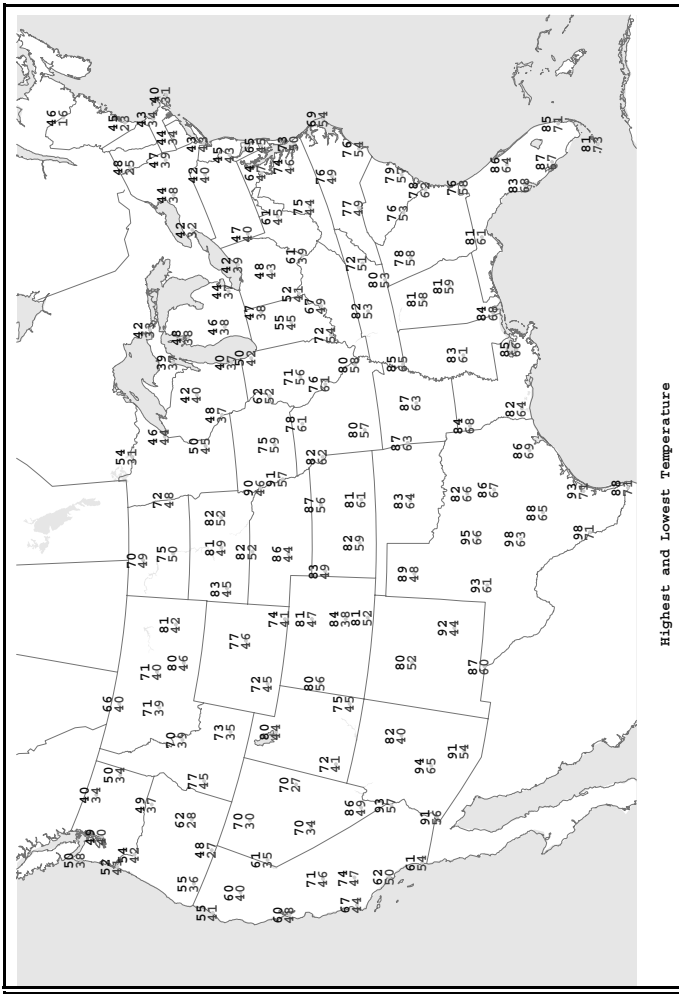
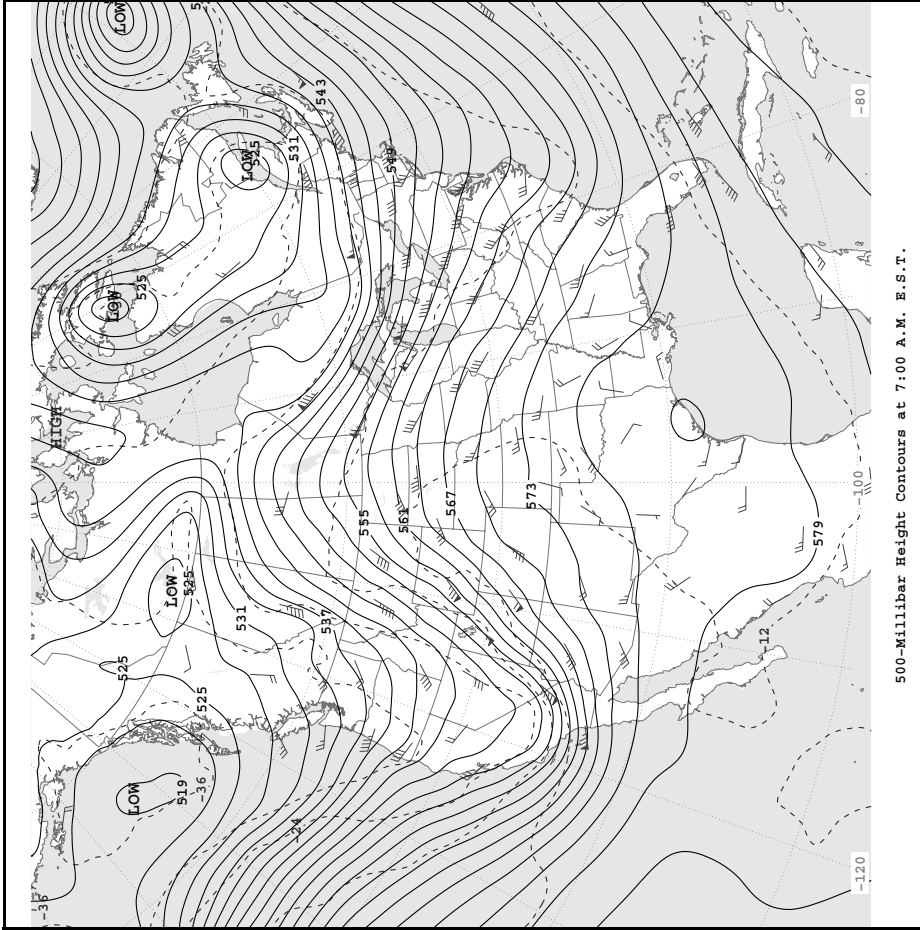


Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.

Hydrometeorological
Prediction Center
Analysis

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

Visibility (in miles) ——— TT ——— PPP

Present Weather Symbol ——— V ——— WW ——— PP a

Dew Point Temperature ——— TD ——— RR ——— 3 Hour Pressure Tendency (in tenths)
 Sky Cover ——— Sky_Cover ——— 6 Hour Total Precipitation (in hundredths of an inch)

SUNDAY, APRIL 1, 2012

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Camp Springs, MD 20746-4304

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