



Daily Weather Maps

AUGUST 18, 2014 - AUGUST 24, 2014

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. 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* 2014 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.

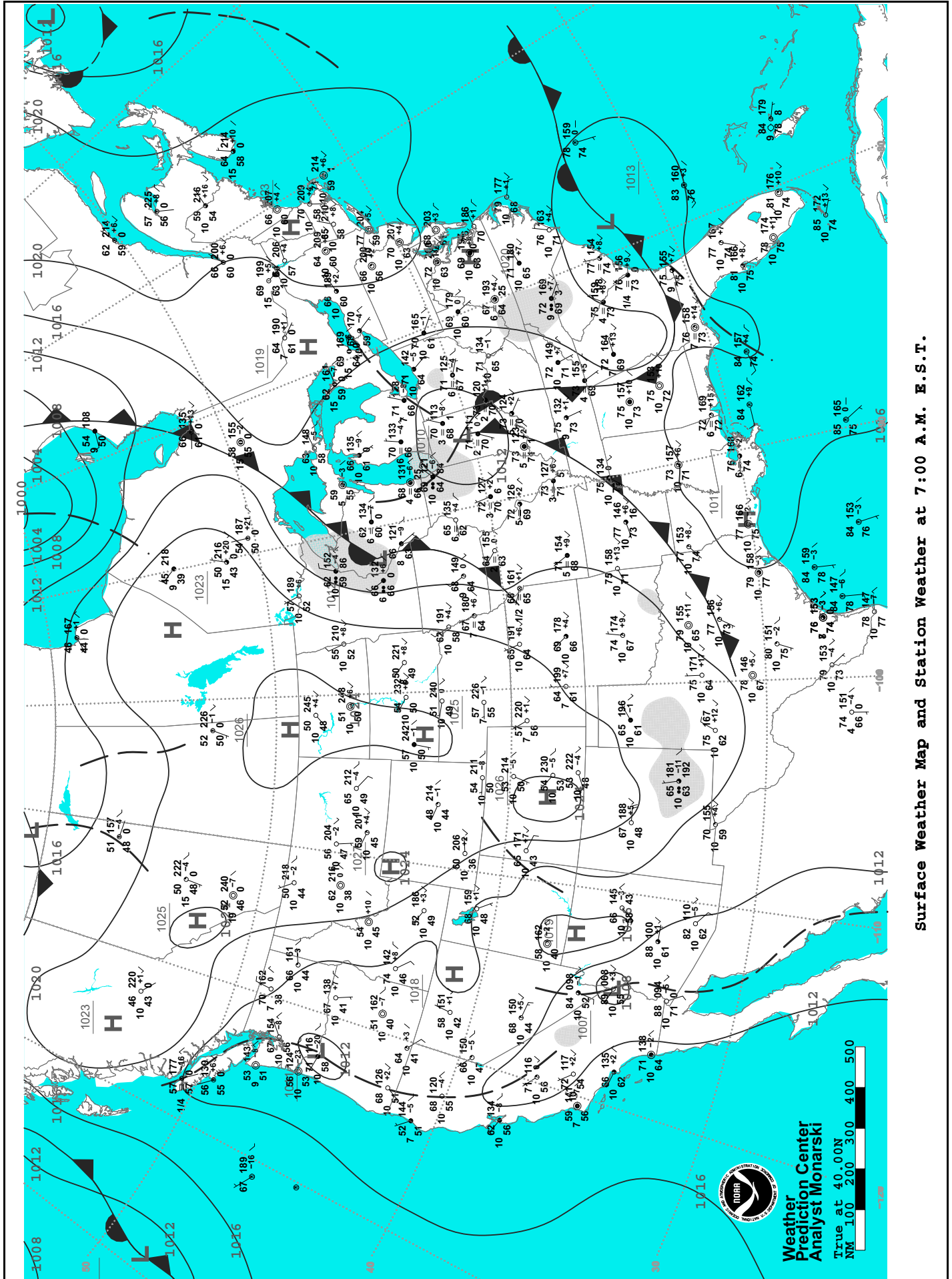
Annual subscriptions: Domestic and International subscriptions are \$75. Check and credit card (Visa, MasterCard, Discover, and American Express) payments are accepted. Payments (invoices) should be mailed to: **NNDC/NCDC, P.O. Box 70169, Chicago, IL 60673-0169**; or invoices faxed to: (304) 726-4409.

Send address changes to: **NCDC Subscription Services Center, 310 State Route 956, Building 300, Rocket Center, WV 26726**; call toll free: (866) 742-3322; TDD: (828) 271-4010; fax: (304) 726-4409; or E-mail: noaasubsvcs@imcww.com

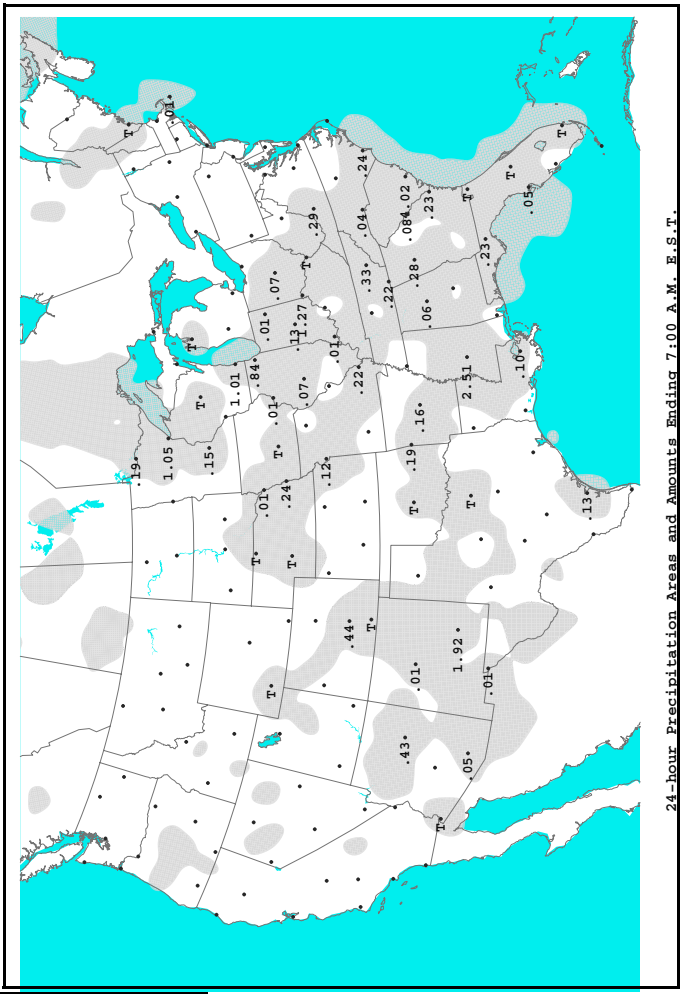
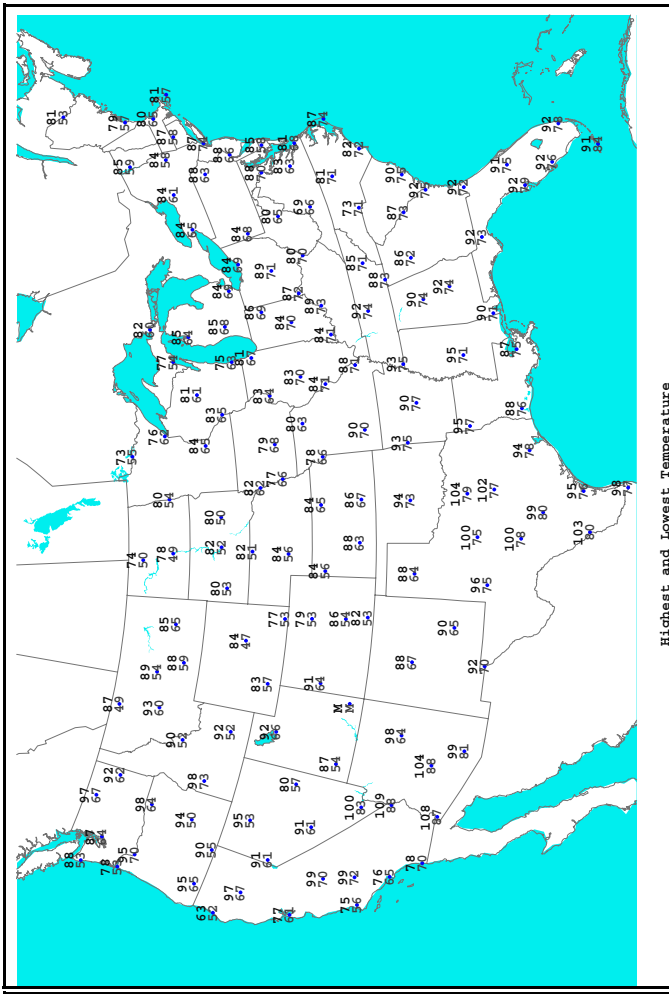
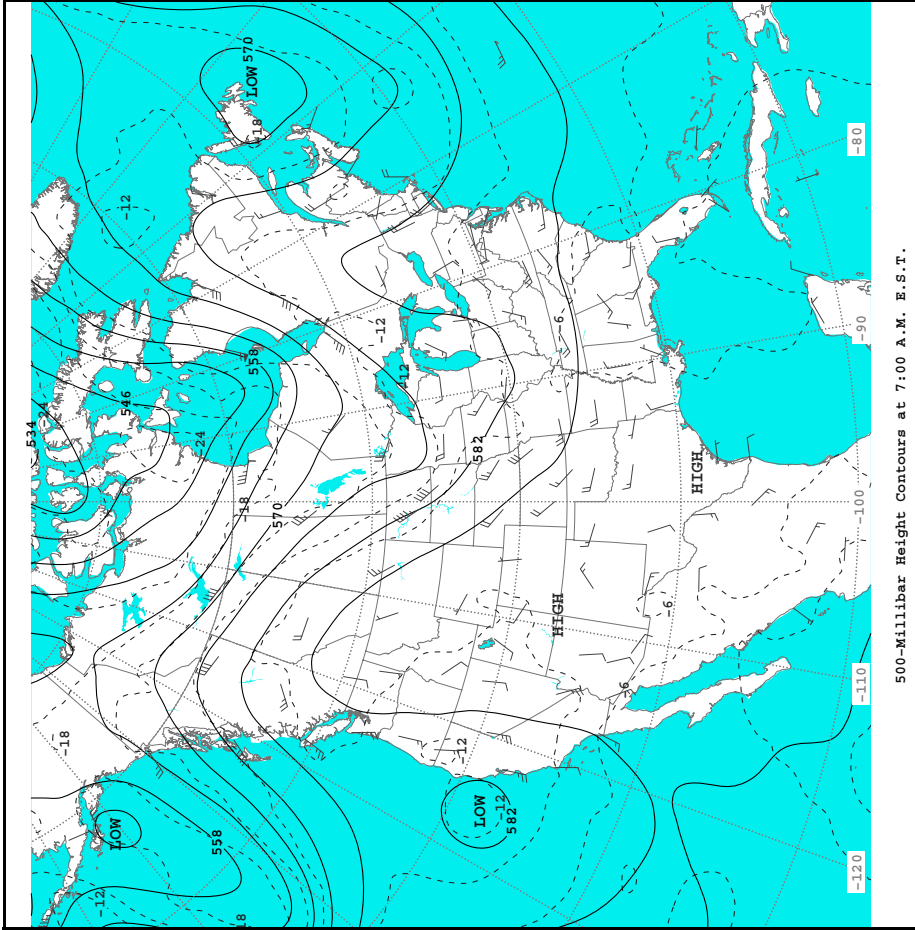
Correspondence to the meteorologists should be directed to: ***Daily Weather Map*, NOAA/National Weather Service, Room 4640, 5830 University Research Court, College Park, MD 20740.**

NOAA/NWS/NCEP/WPC
Daily Weather Maps, W/NP3
5830 University Research Ct, Room 4640
College Park, MD 20740

FIRST CLASS MAIL
POSTAGE & FEES PAID
NOAA
PERMIT NO. G-19



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): **TT**

Visibility (in miles): **V**

Present Weather Symbol: **●**

Dew Point Temperature: **DD**

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

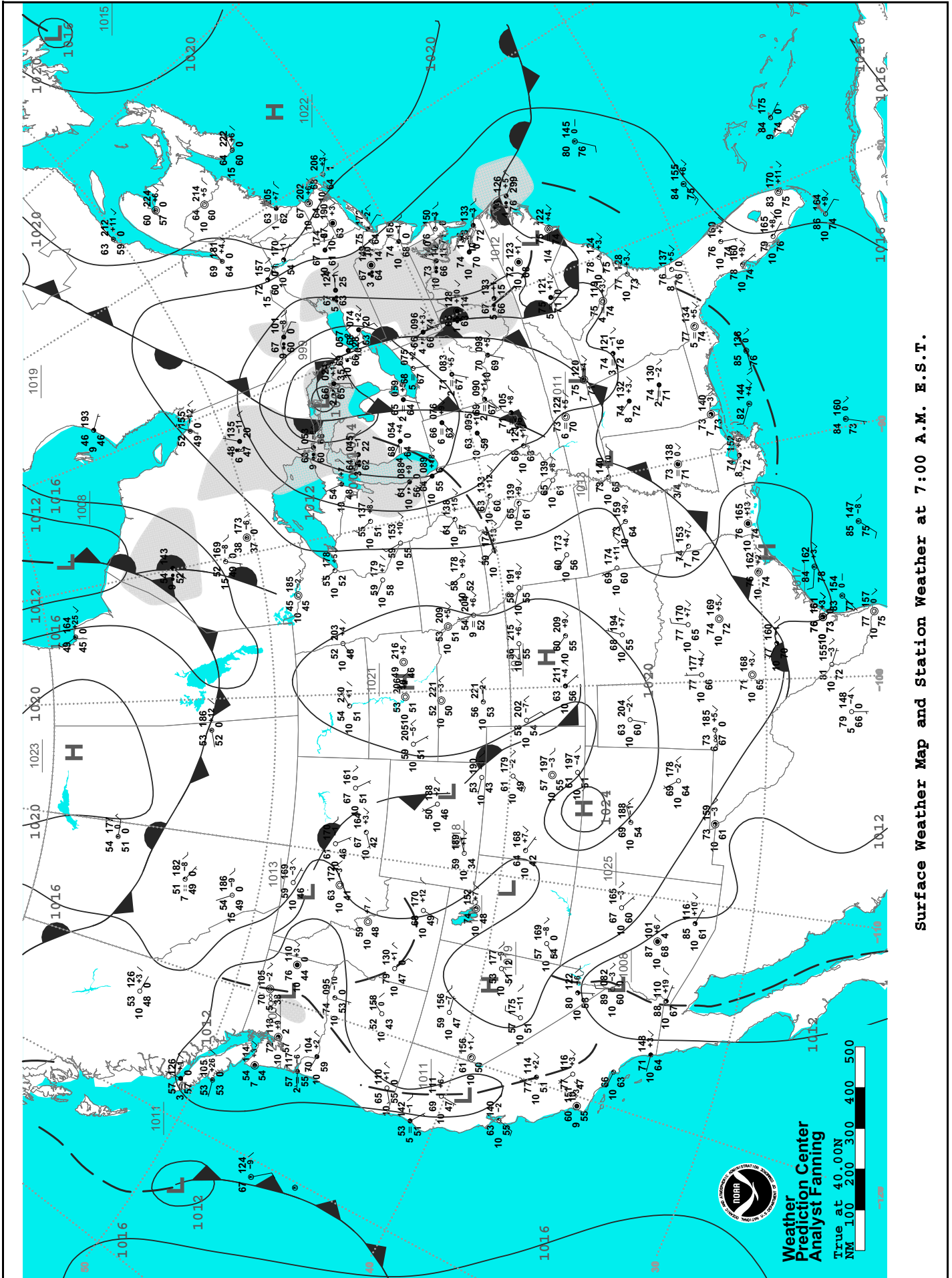
3 Hour Pressure Tendency (in tenths): **PP a**

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

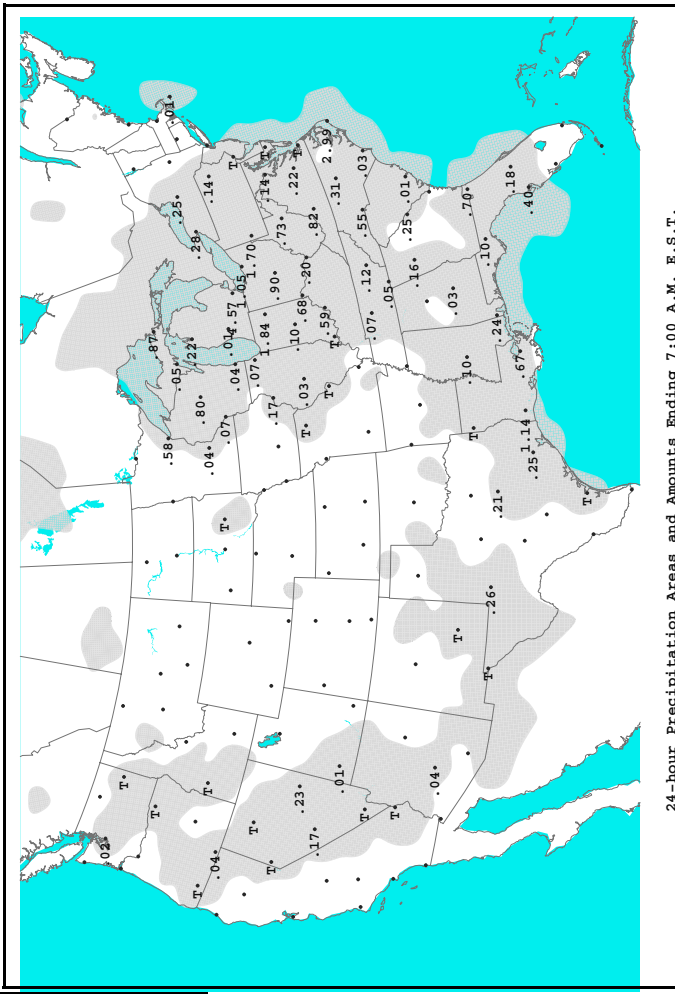
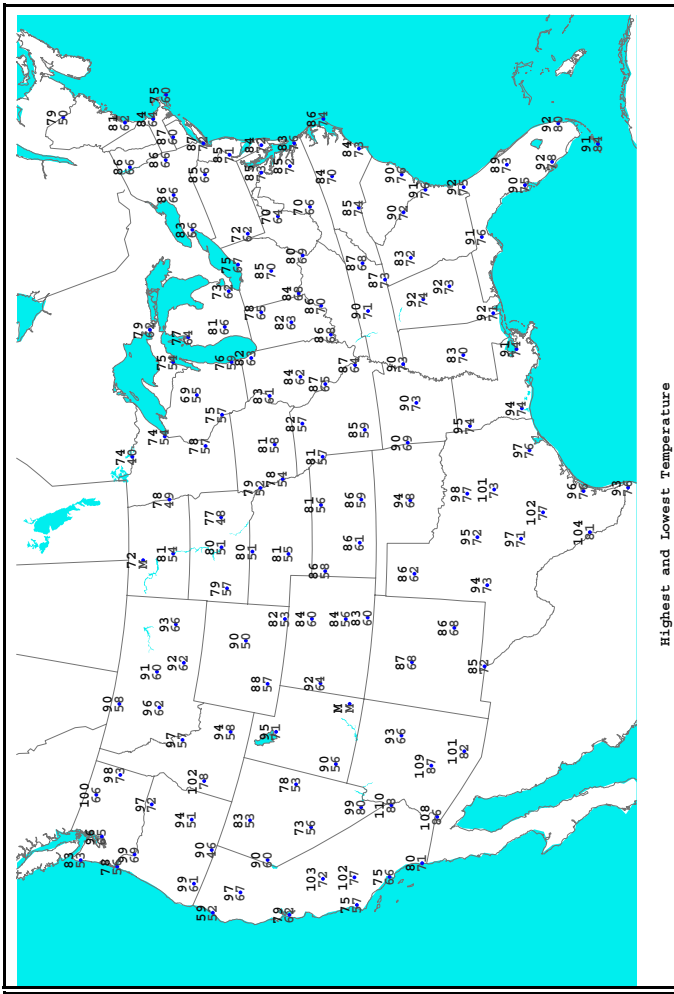
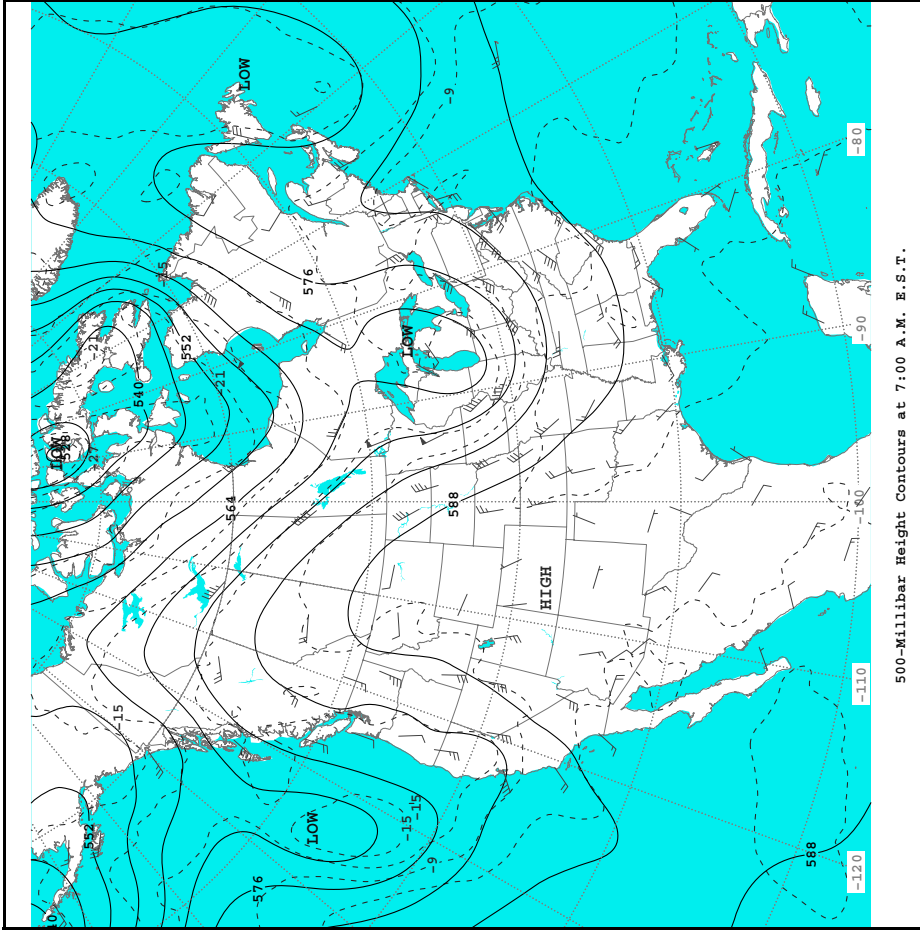
Sky Cover: **RR**

Examples: 989 = 998.9mb, 012 = 1001.2mb

MONDAY, AUGUST 18, 2014



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

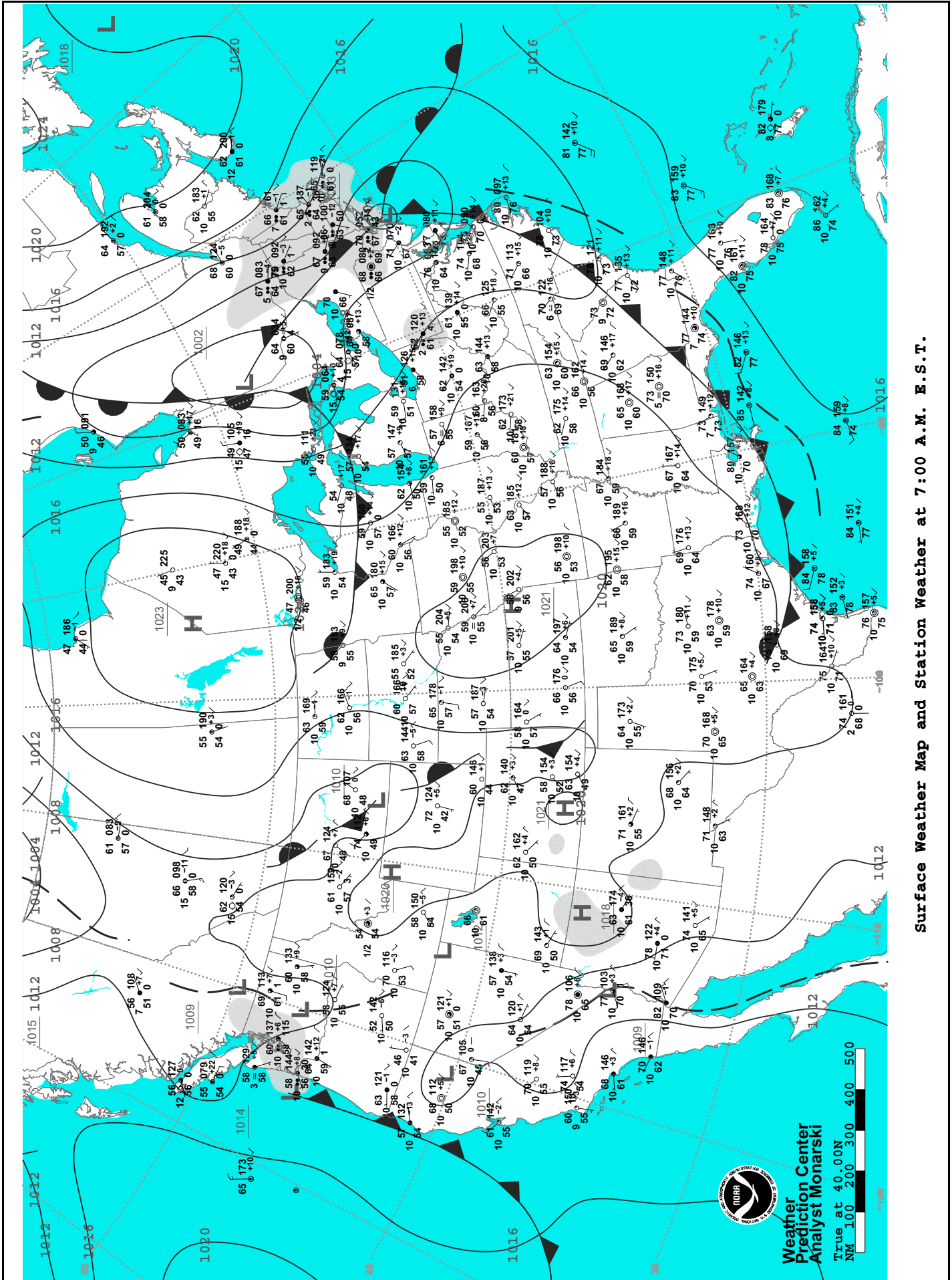


Station Model

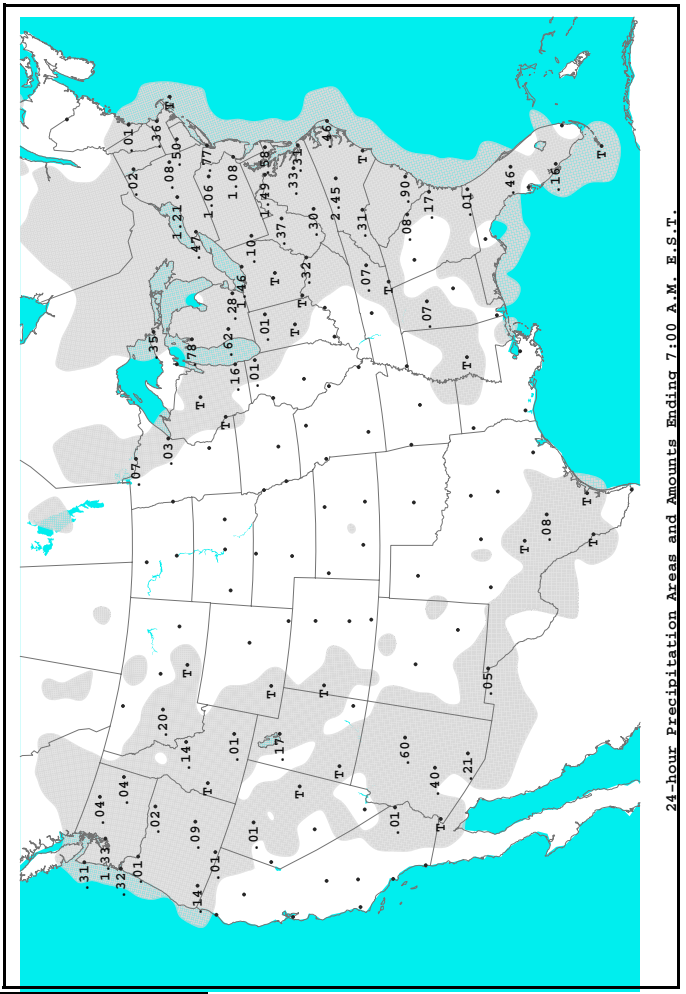
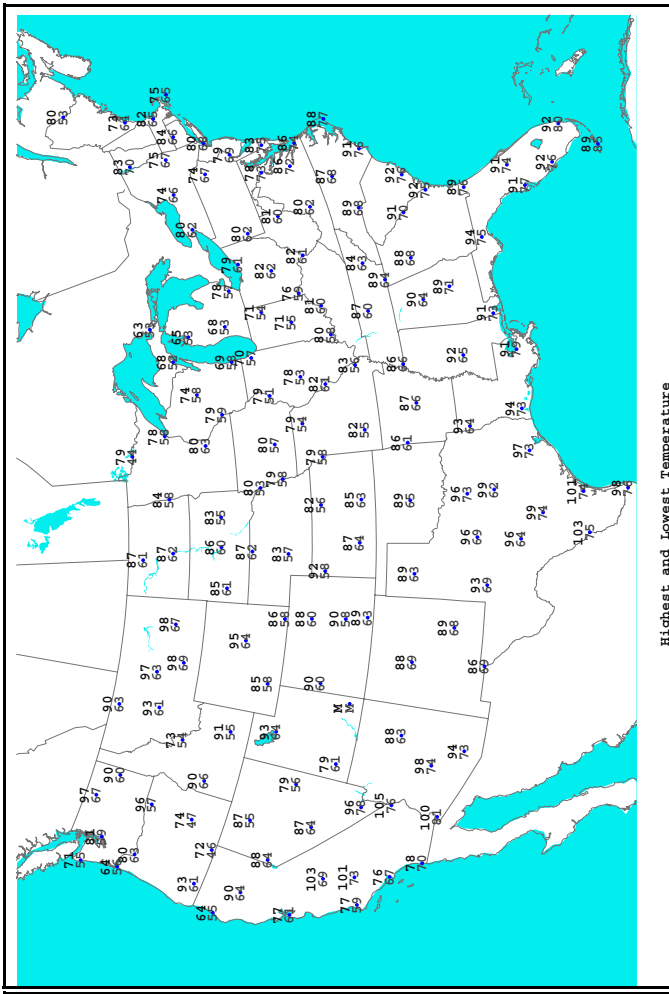
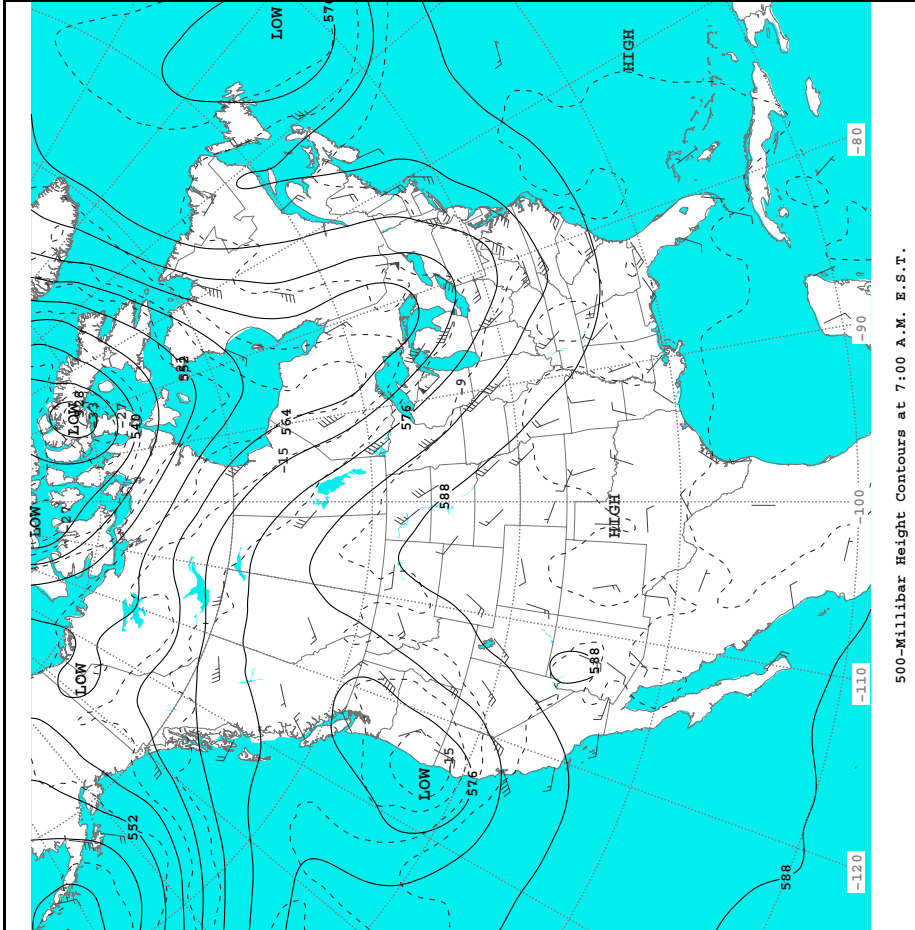
Wind Direction — Wind Speed
 Long Feather - 10 knots
 Short Feather - 5 knots

Current Temperature (in °F) — **F** — ft
 Visibility (in miles) — **V** — V
 Present Weather Symbol — **TT** — TT
 Dew Point Temperature — **dd** — dd
 3-Digit Surface Pressure (in tenths). Ex: 989 = 998.9mb, 012 = 1001.2mb — **PPP** — PPP
 3 Hour Pressure Tendency (in tenths) — **PP a** — PP a
 6 Hour Total Precipitation (in hundredths of an inch) — **RR** — RR
 Sky_Cover — Sky_Cover

TUESDAY, AUGUST 19, 2014



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



Station Model

The diagram illustrates the components of a station model. It includes symbols for Wind Direction (a long feather), Wind Speed (a short feather), Current Temperature (in degrees Fahrenheit), Visibility (in miles), Present Weather Symbol (a circle with a dot), Dew Point Temperature (in degrees Fahrenheit), Sky Cover (a horizontal line), 3-Digit Surface Pressure (in tenths), and 3 Hour Pressure Tendency (in tenths).

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

Current Temperature (in °F)

Visibility (in miles)

Present Weather Symbol

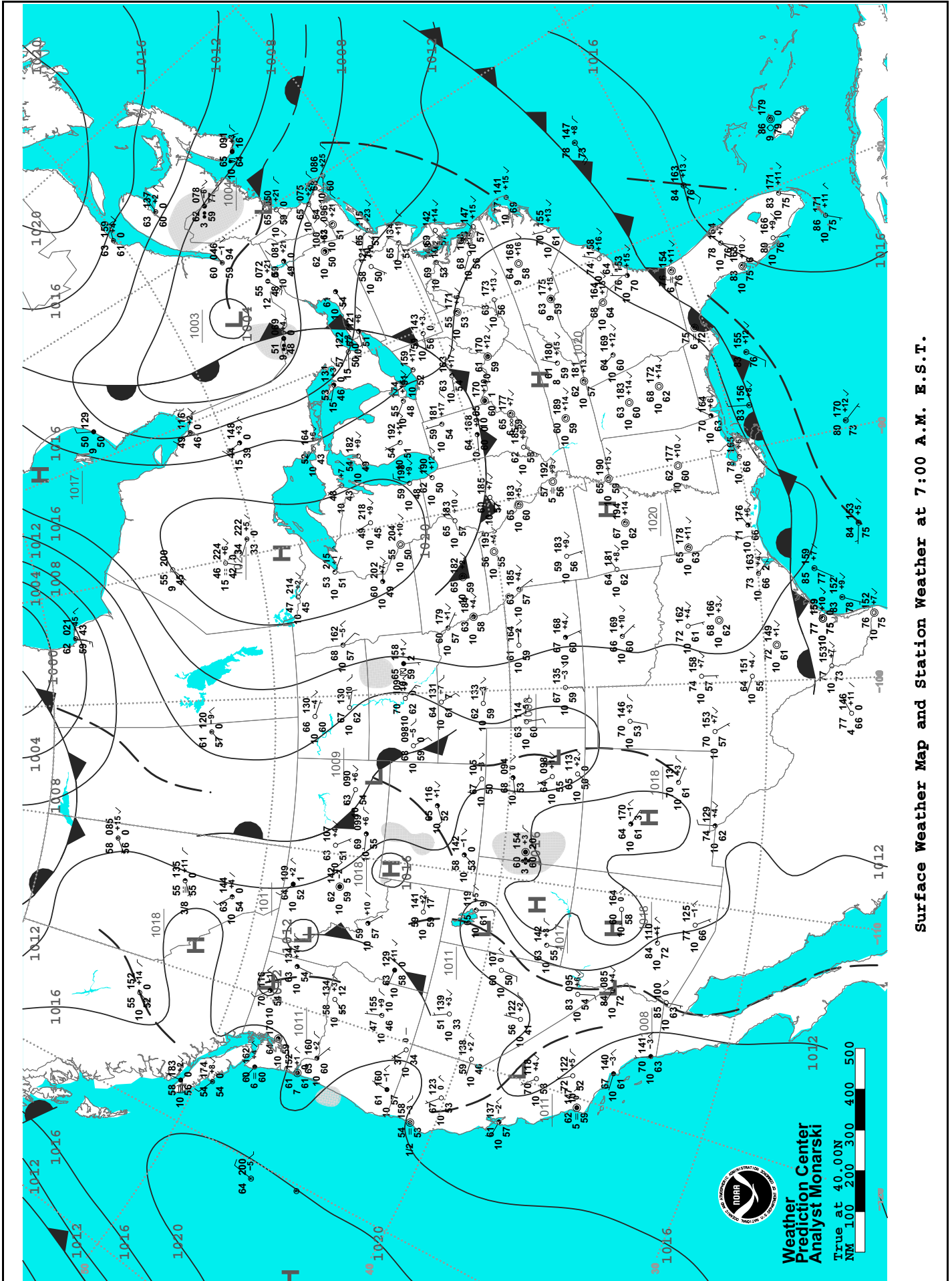
Dew Point Temperature (in °F)

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, AUGUST 20, 2014

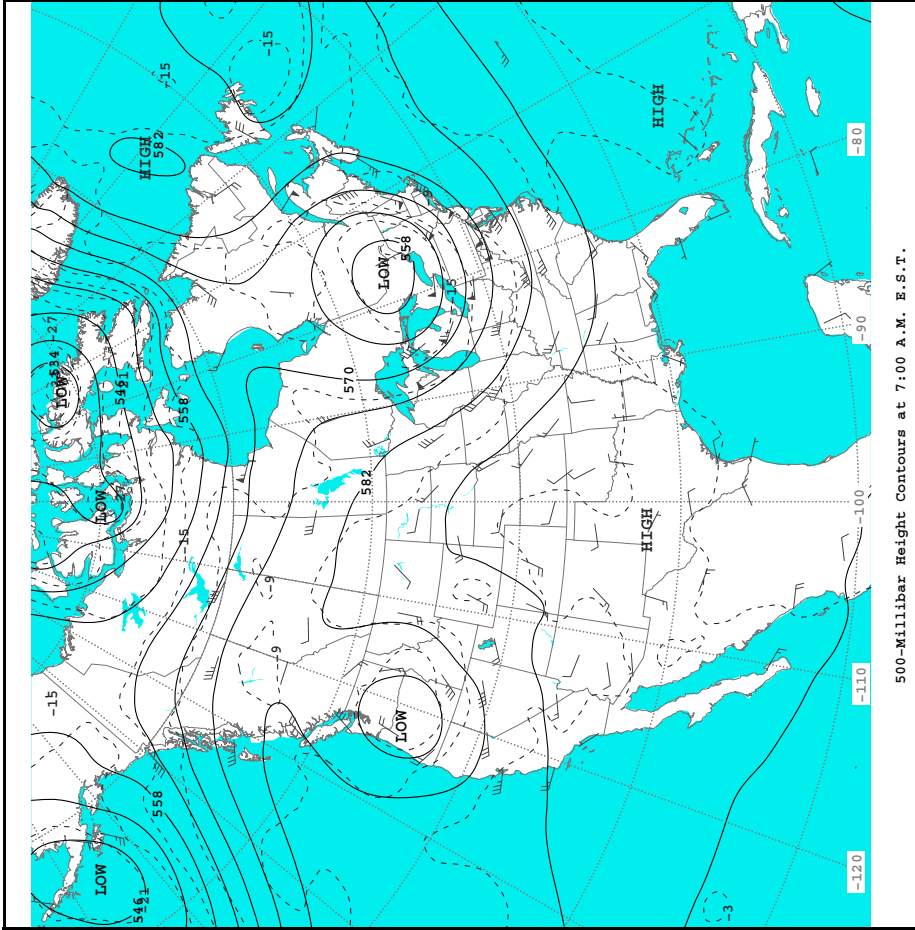


Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.

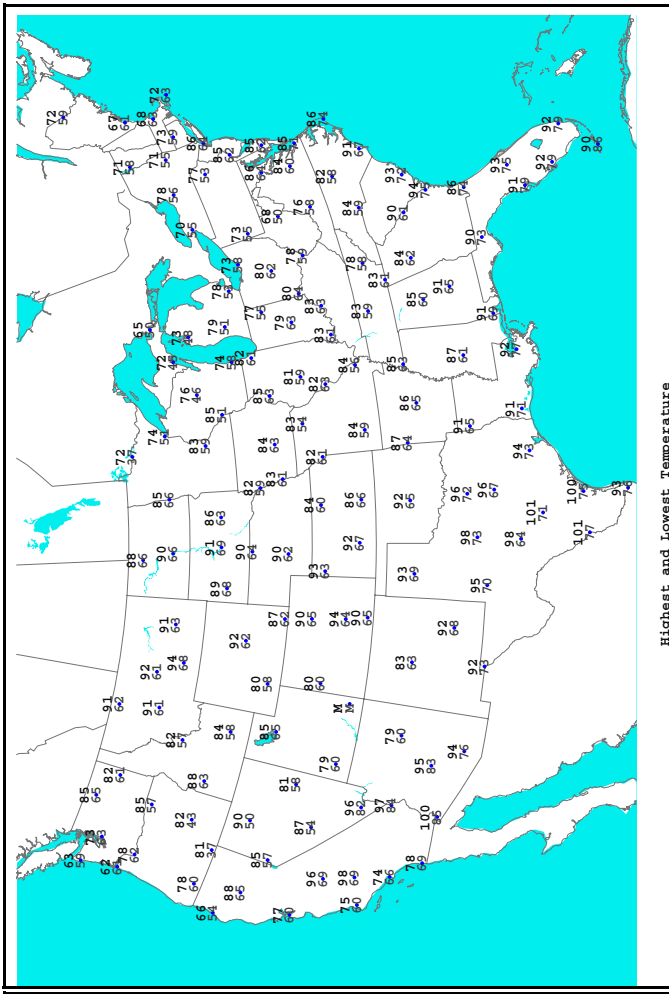


Weather Prediction Center
Analyst Monarski

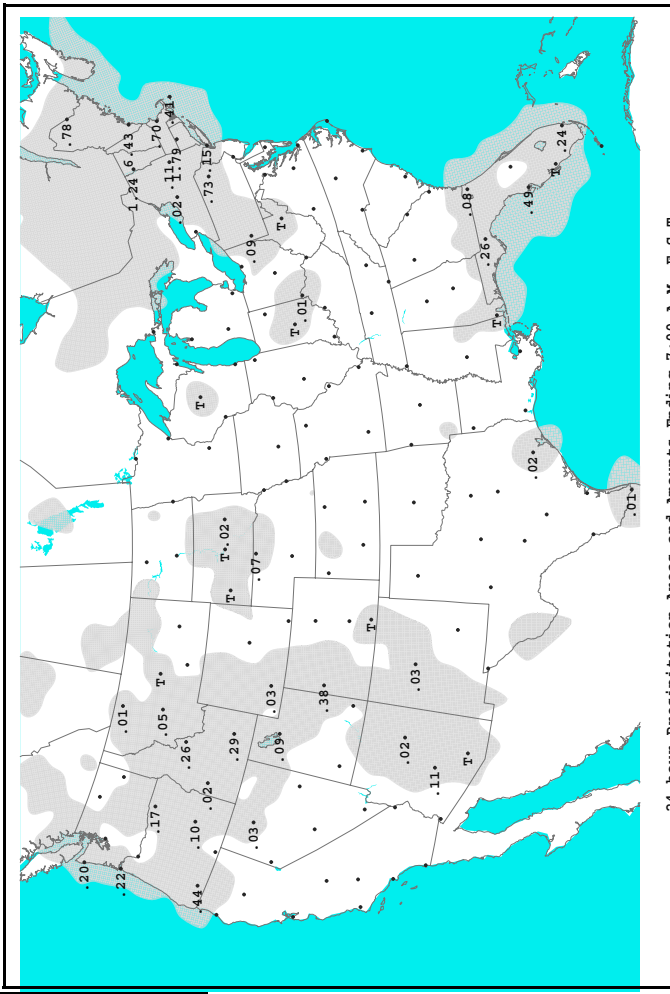
True at 40.00N
NW 100 200 300 400 500



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

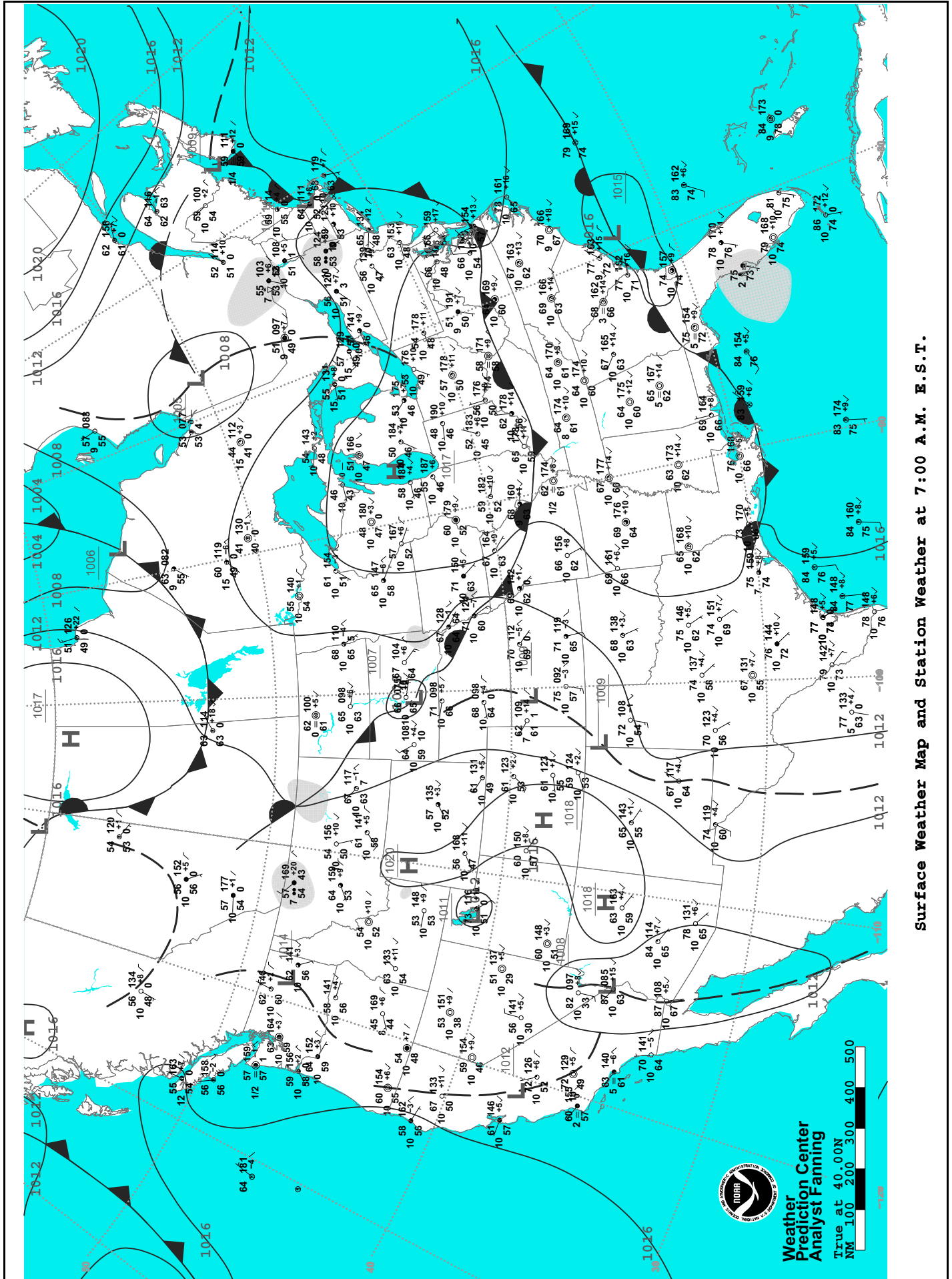
Current Temperature (in °F) — **F** — ft
 Current Temperature (in °C) — dd

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

Present Weather Symbol — V — **●** — 3 Hour Pressure Tendency (in tenths) — PP a

Dew Point Temperature — WW — RR — 6 Hour Total Precipitation (in hundredths of an inch) — Sky_Cover

THURSDAY, AUGUST 21, 2014

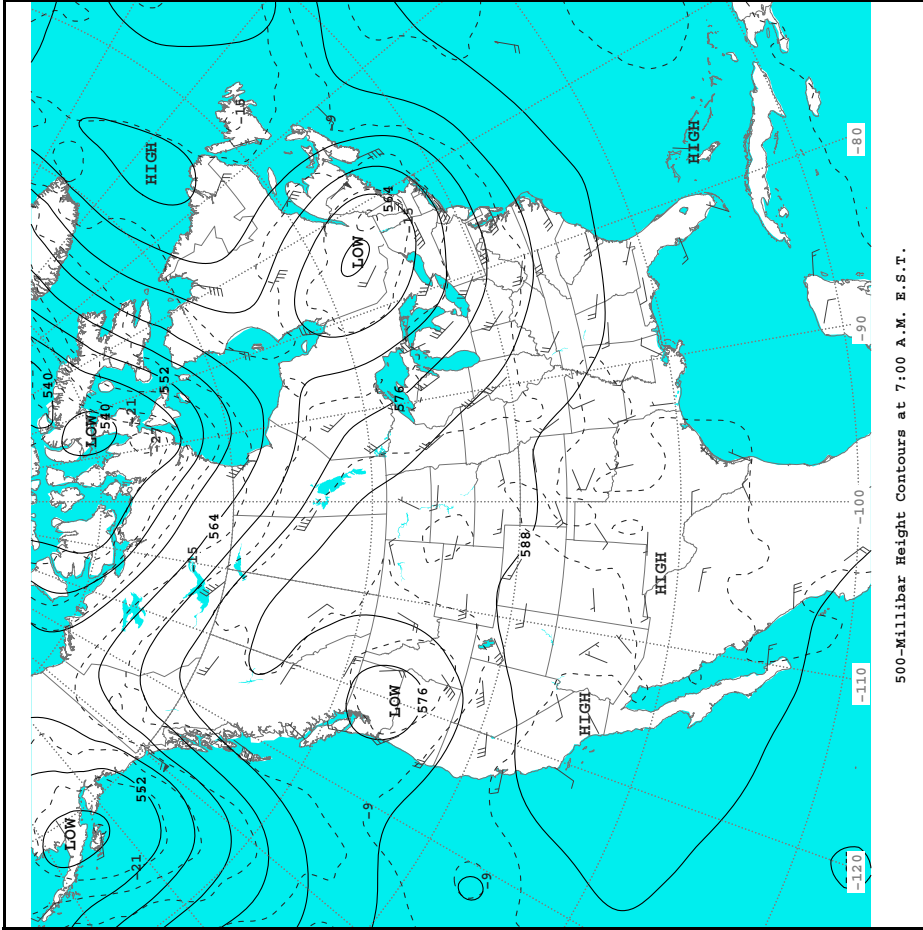


Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.



Weather Prediction Center
Analyst Fanning

True at 40.00N
NM 100 200 300 400 500



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

Station Model

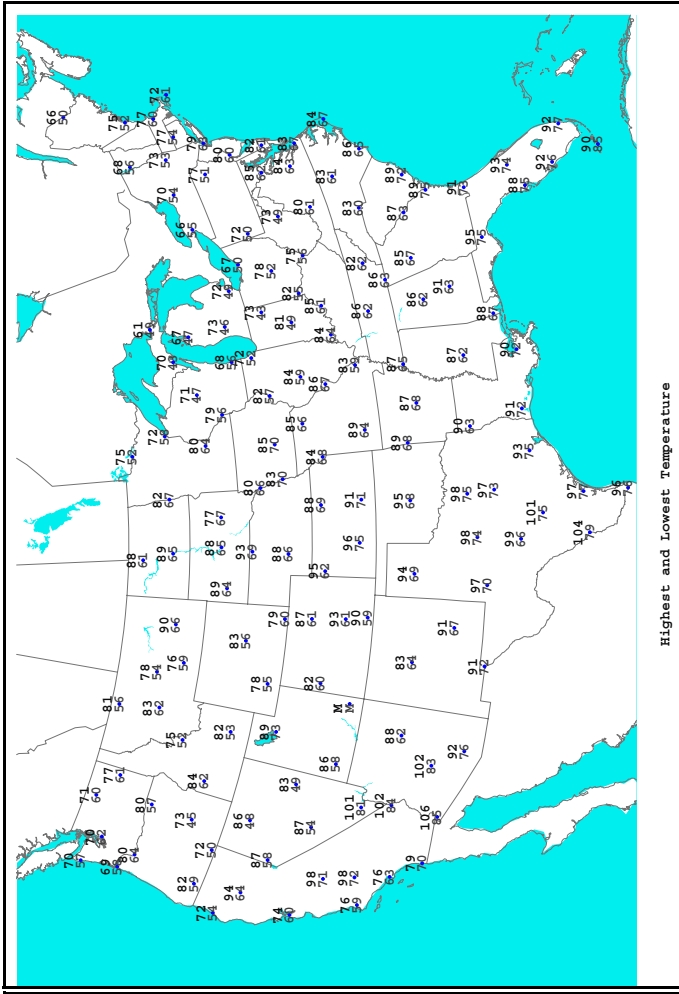
Wind Direction — Wind Speed
 Long Feather - 10 knots
 Short Feather - 5 knots

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

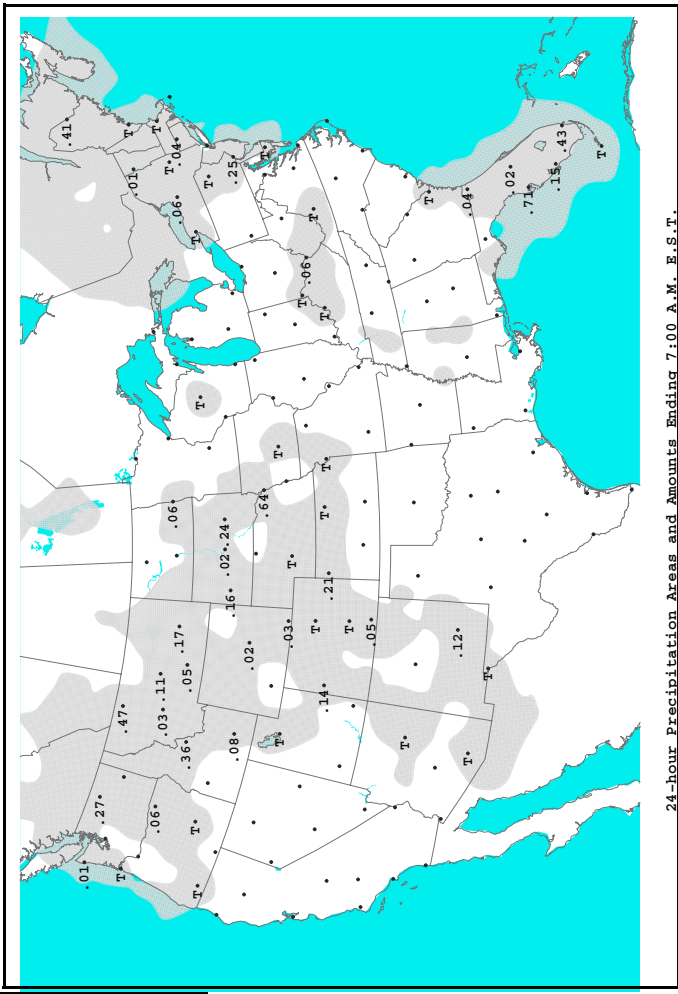
Visibility (in miles) — **V** — Present Weather Symbol — **PP** — 3 Hour Pressure Tendency (in tenths)

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

Station Model

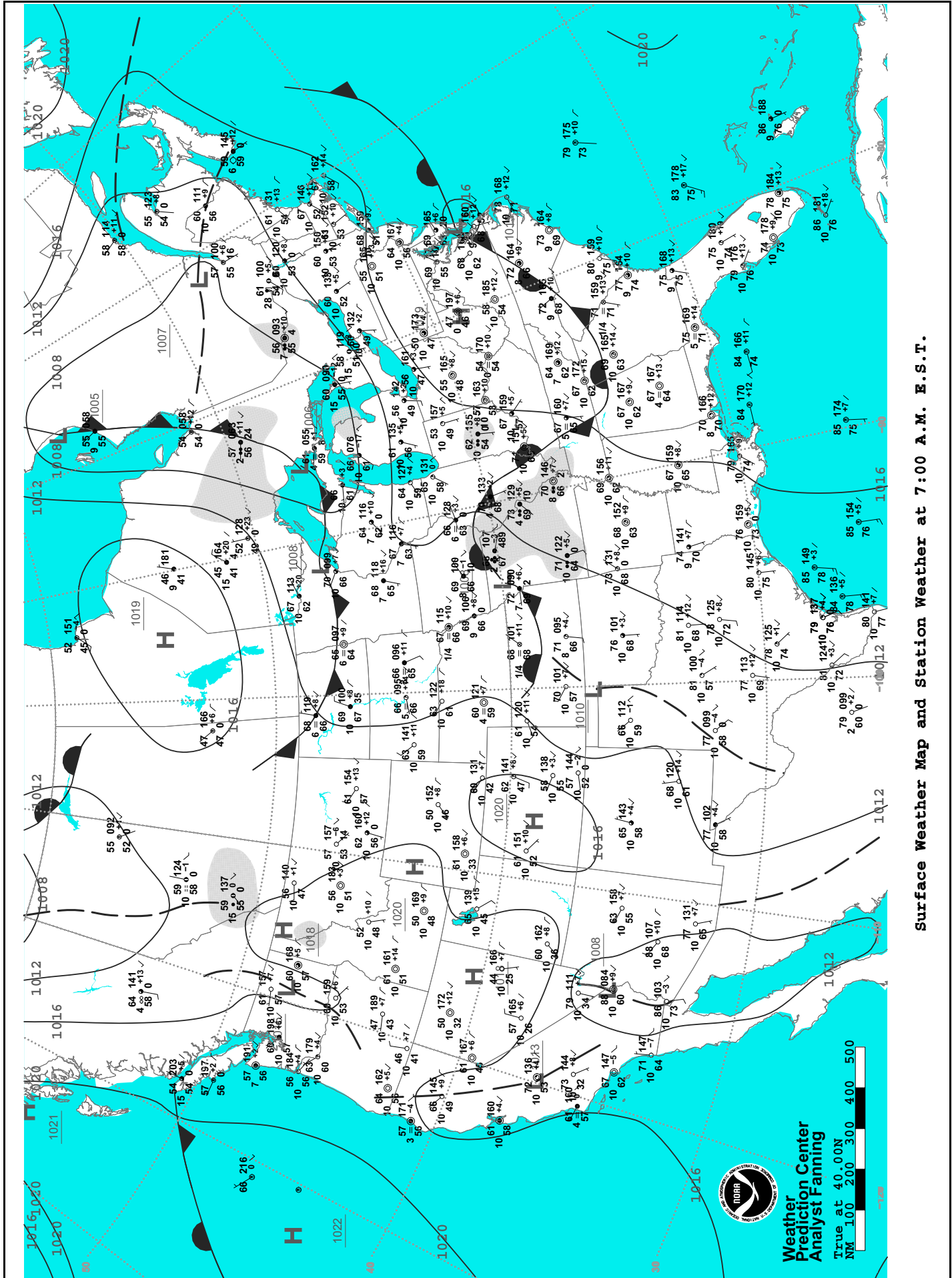


Highest and Lowest Temperature



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

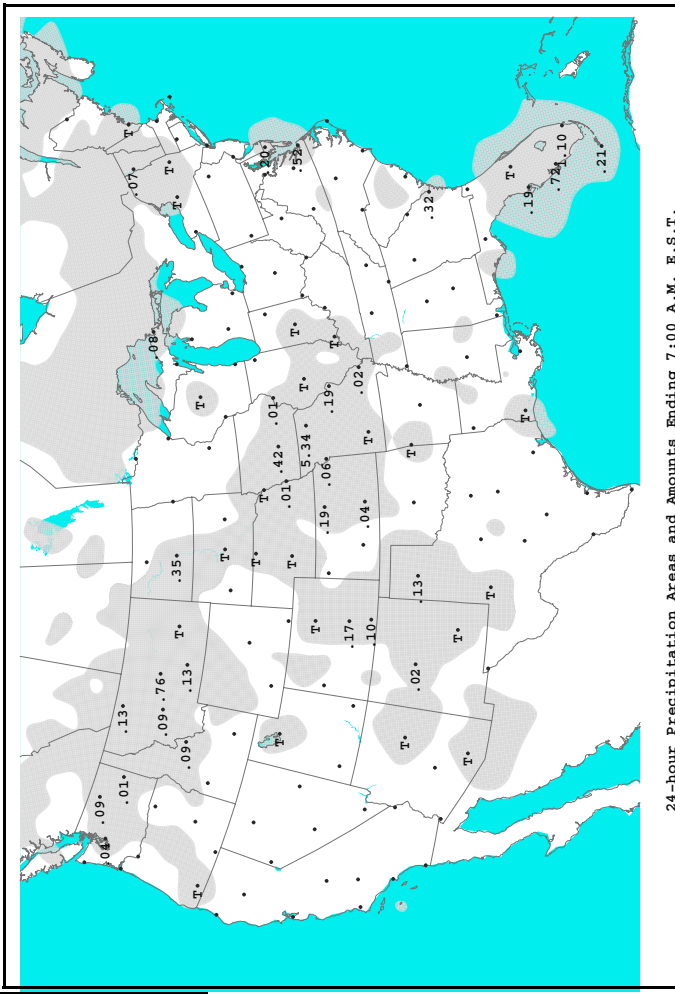
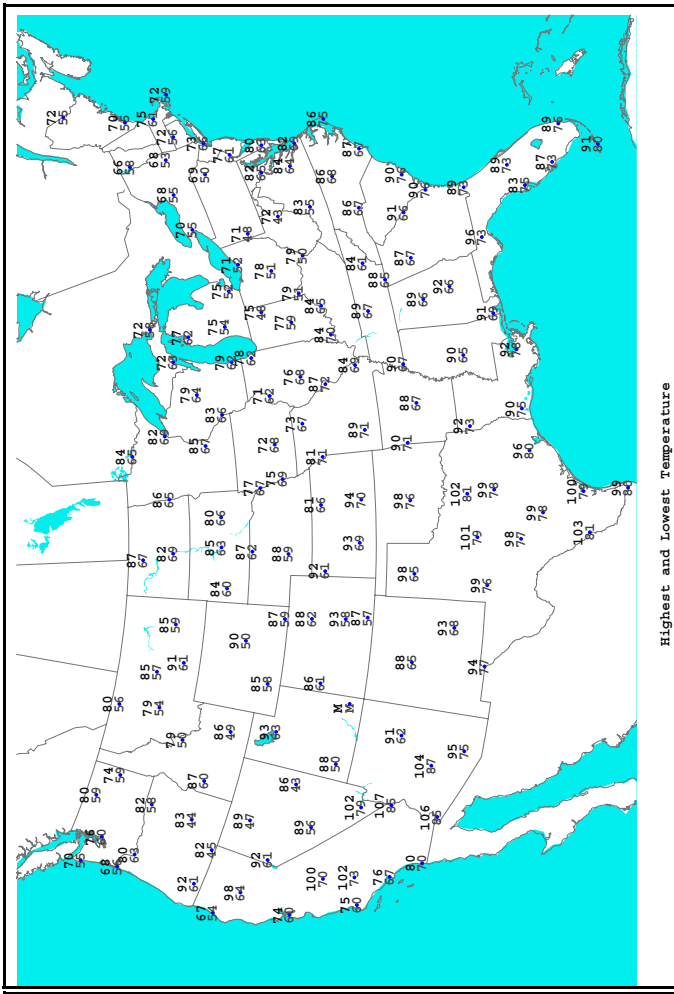
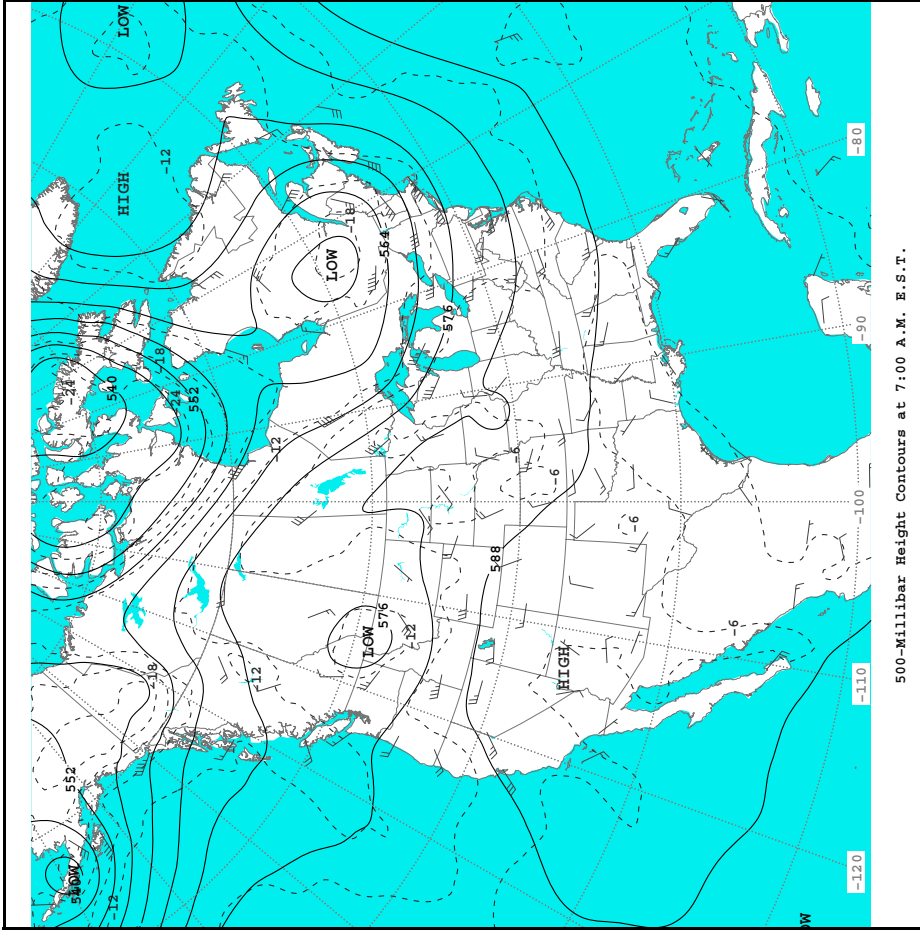
FRIDAY, AUGUST 22, 2014



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

Weather Prediction Center
Analyst Fanning
True at 40.00N
NW 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):

Visibility (in miles): Visibility (in kilometers):

Present Weather Symbol: Present Weather Symbol:

Dew Point Temperature: Dew Point Temperature:

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

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

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

Sky Cover: Sky Cover:

SATURDAY, AUGUST 23, 2014

