



Daily Weather Maps

APRIL 18, 2016 - APRIL 24, 2016

Week 16

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.

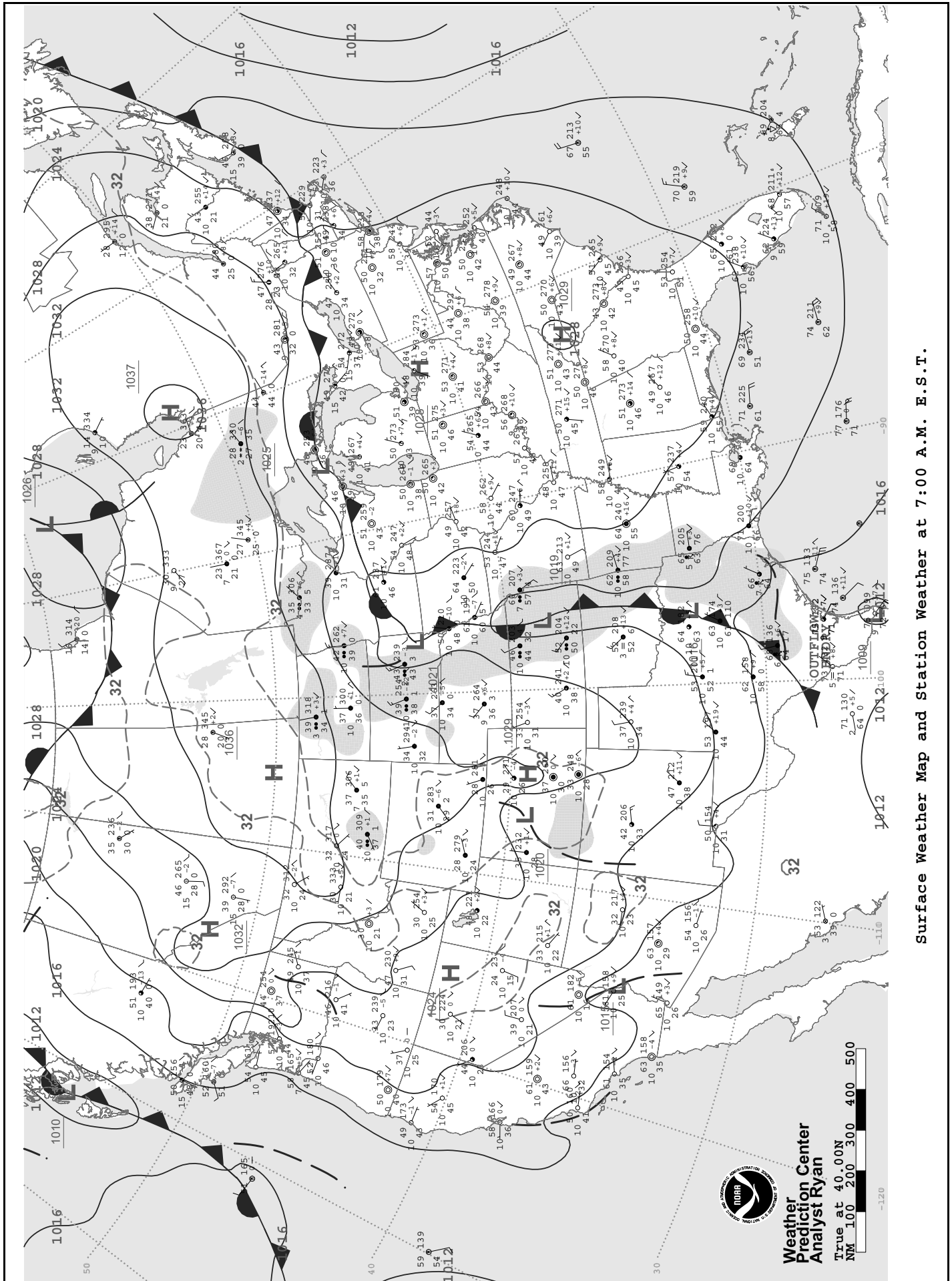
The Precipitation Areas and Amounts chart shows areas (shaded) that had precipitation during the 24 hours ending at 7:00 a.m. EST, with amounts to the nearest hundredth of an inch. "T" indicates a trace of precipitation.

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

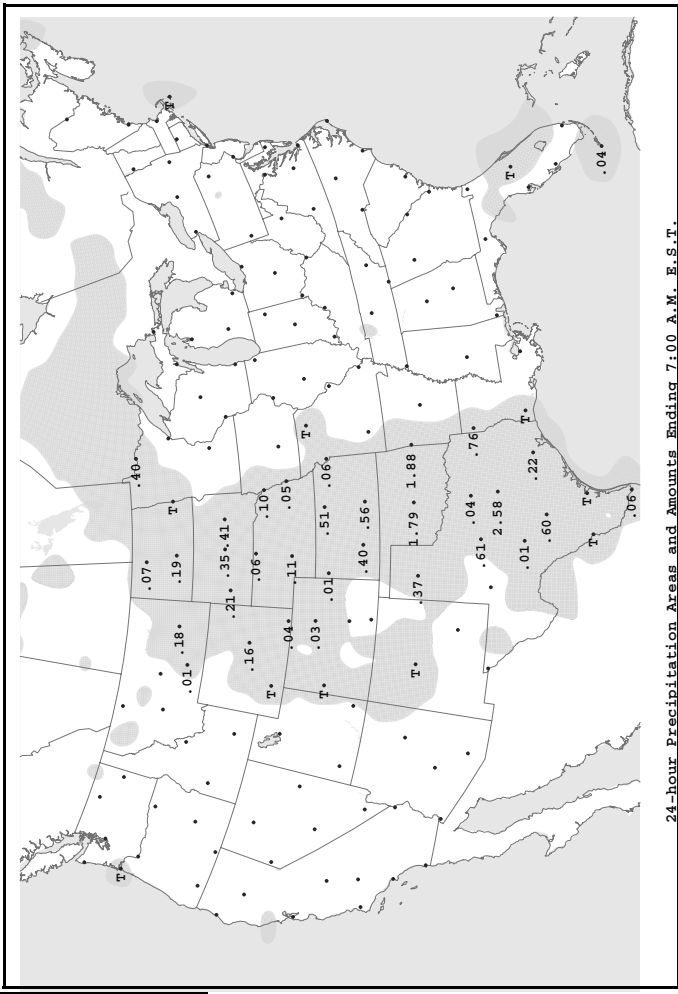
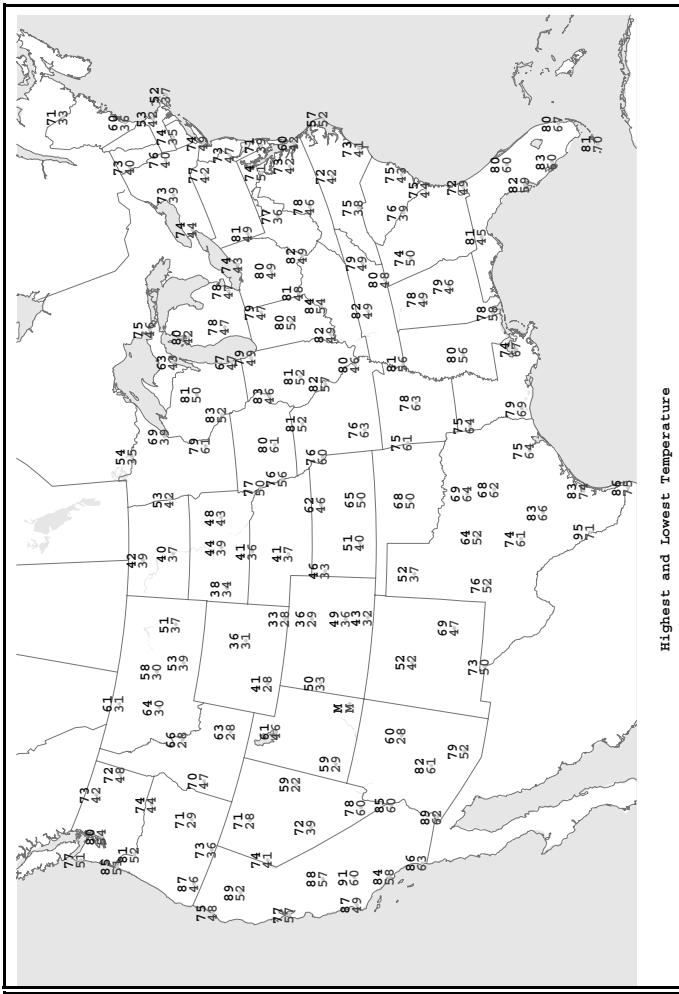
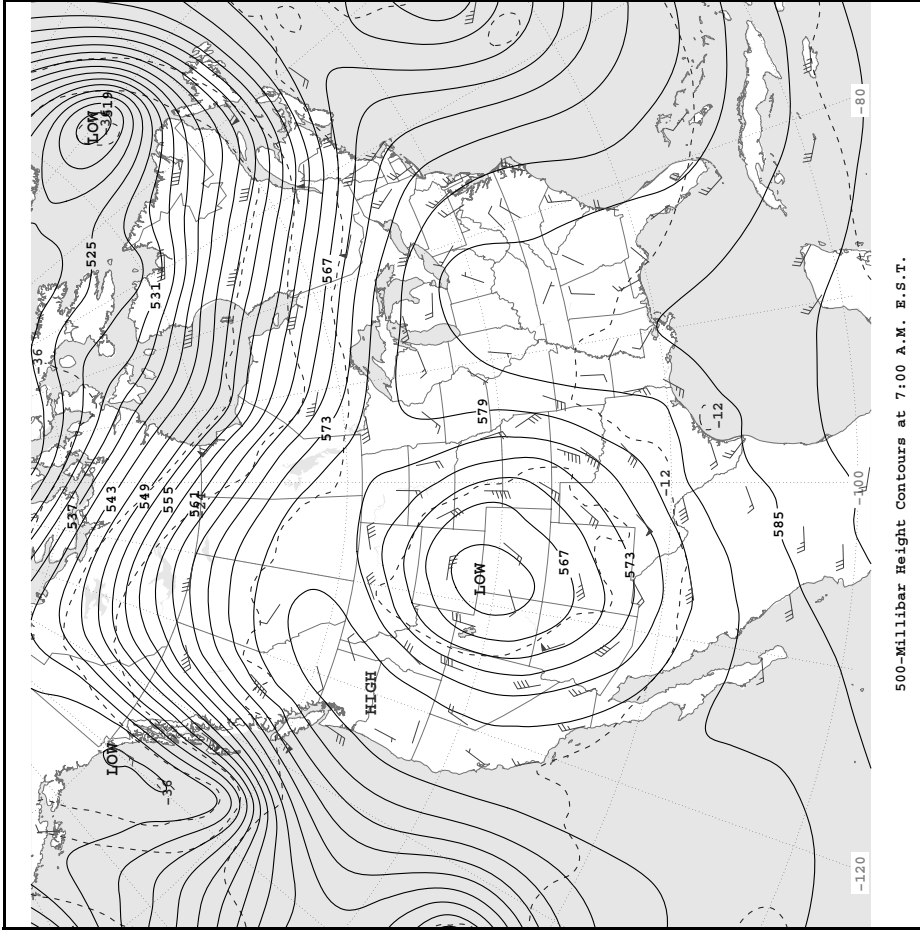


Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.



Weather Prediction Center
Analyst Ryan

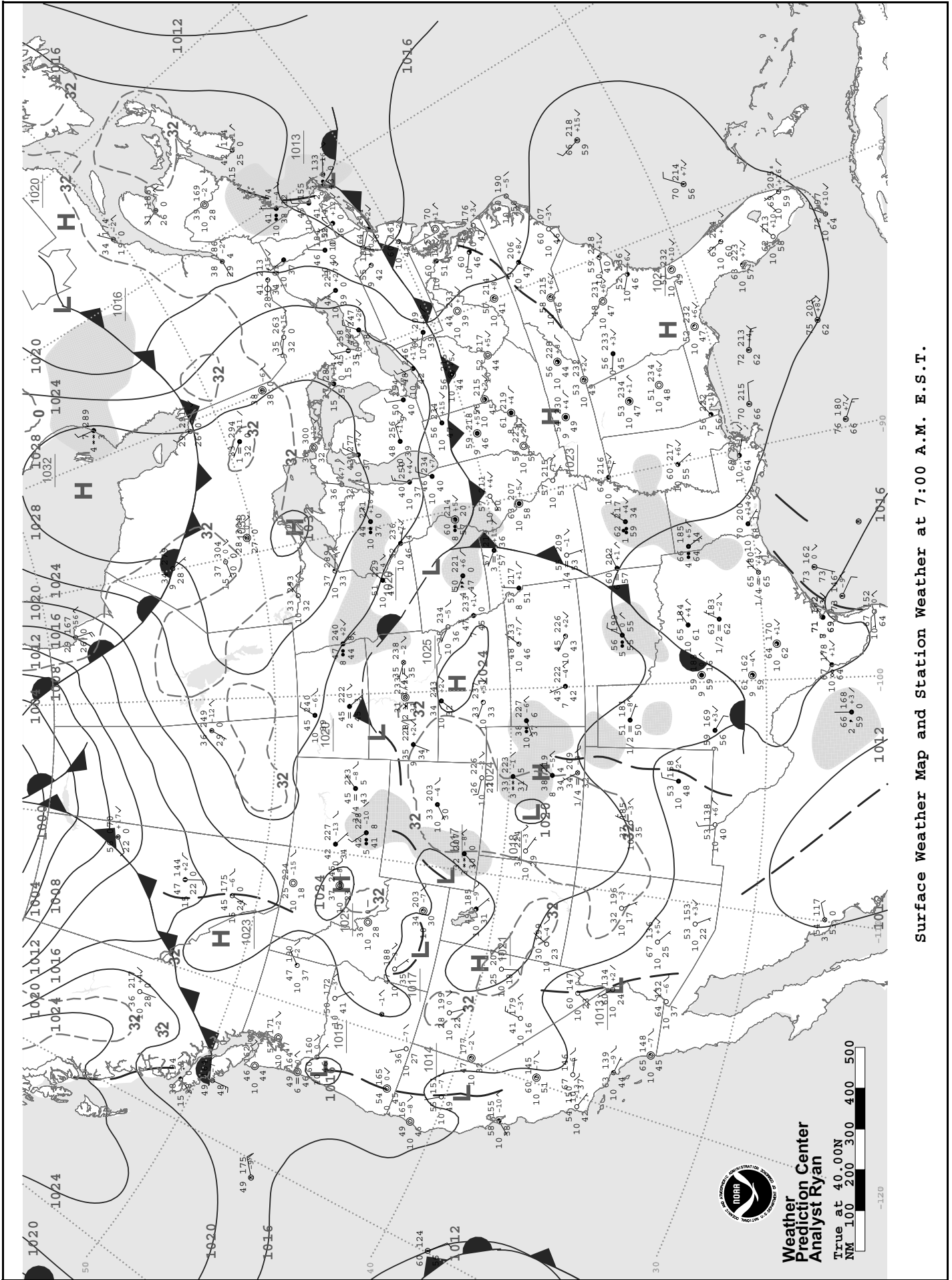
True at 40.00N
NM 100 200 300 400 500



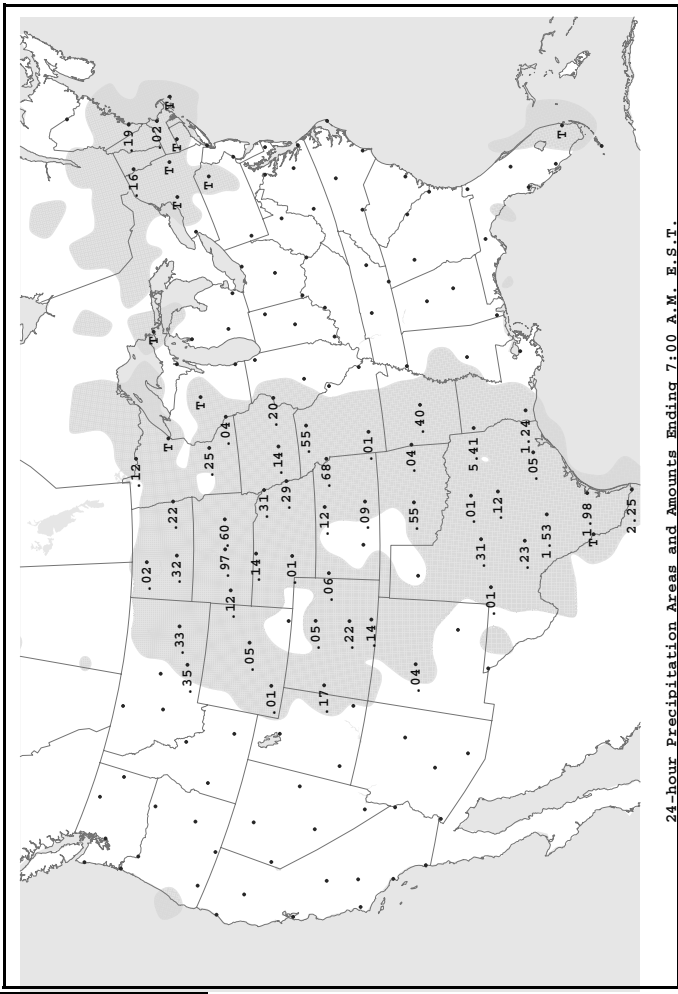
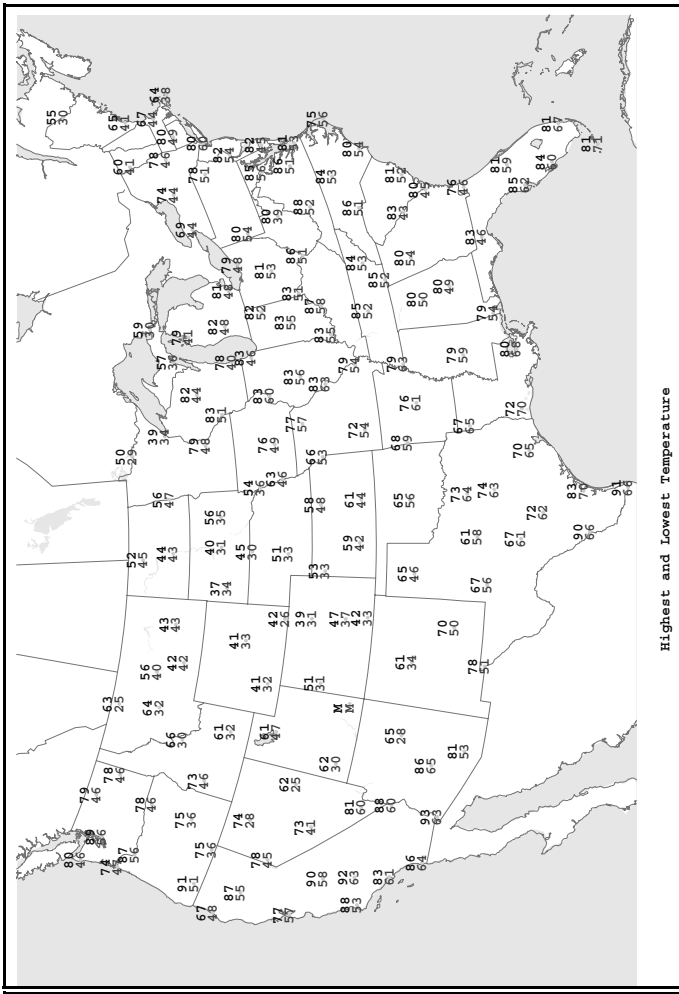
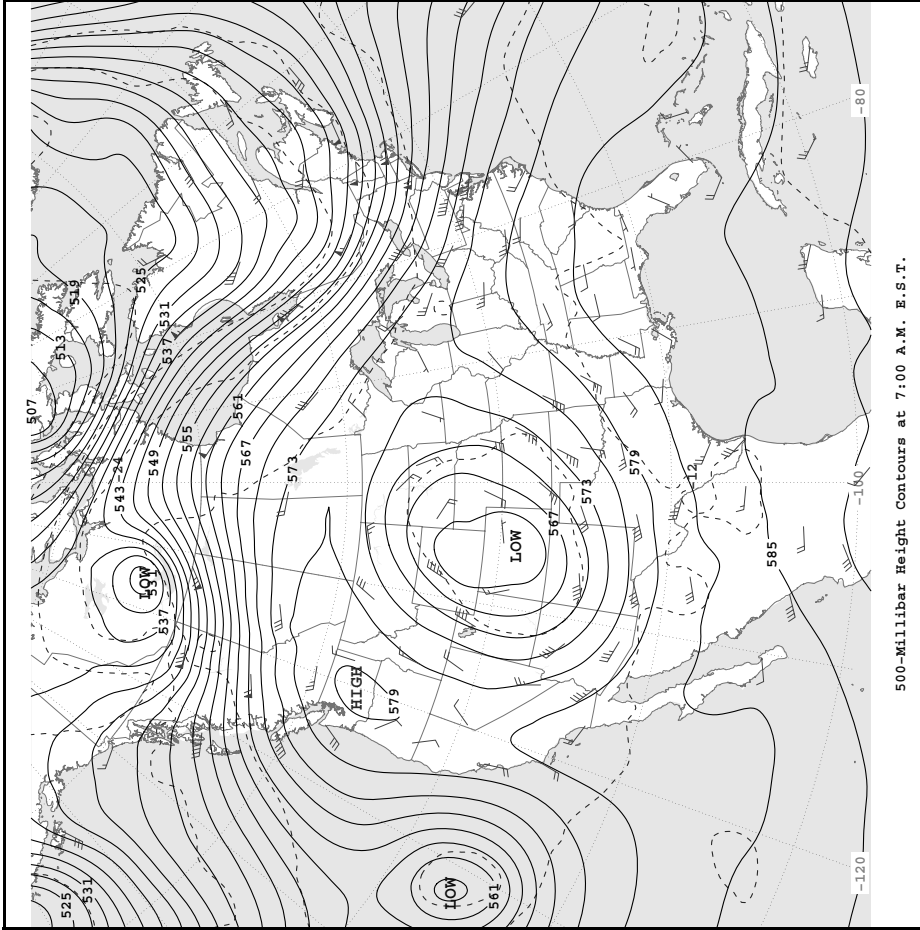
Station Model

Wind Direction — dd — Wind Speed — ff
 Current Temperature (in °F) — — Long Feather - 10 knots
 Short Feather - 5 knots
 Visibility (in miles) — V — Present Weather Symbol — RR — 3 Hour Pressure Tendency (in tenths)
 3-Digit Surface Pressure (in tenths), Ex: 999 = 998.9mb, 012 = 1001.2mb
 6 Hour Total Precipitation (in hundredths of an inch) — Sky_Cover

MONDAY, APRIL 18, 2016



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

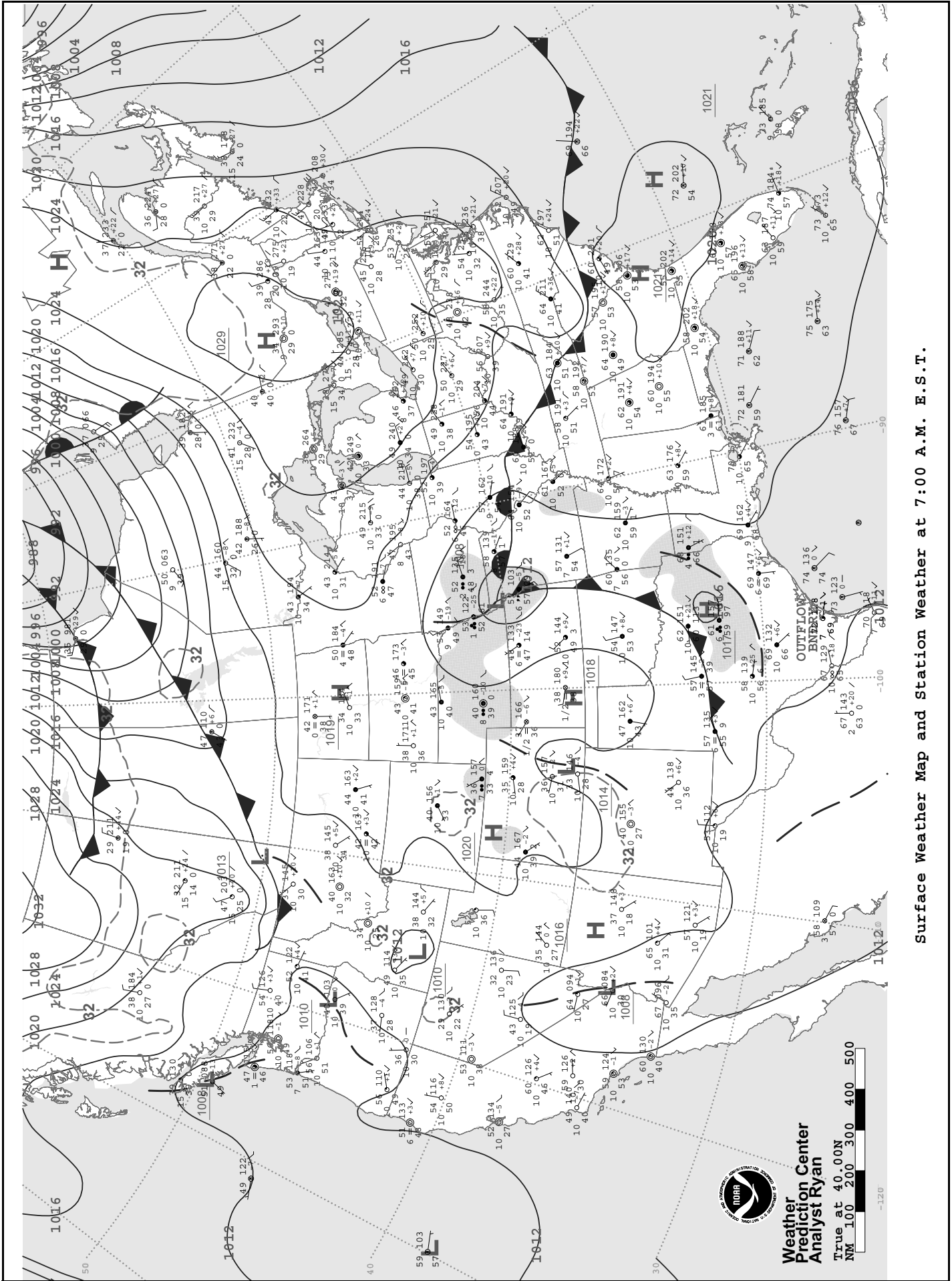
Current Temperature (in °F): **dd** — 3-Digit Surface Pressure (in tenths). Ex: 989 = 998.9mb, 012 = 1001.2mb

Visibility (in miles): **TT** — **PPP** — 3 Hour Pressure Tendency (in tenths)

Present Weather Symbol: **V** **WW** — **PP a** — 6 Hour Total Precipitation (in hundredths of an inch)

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

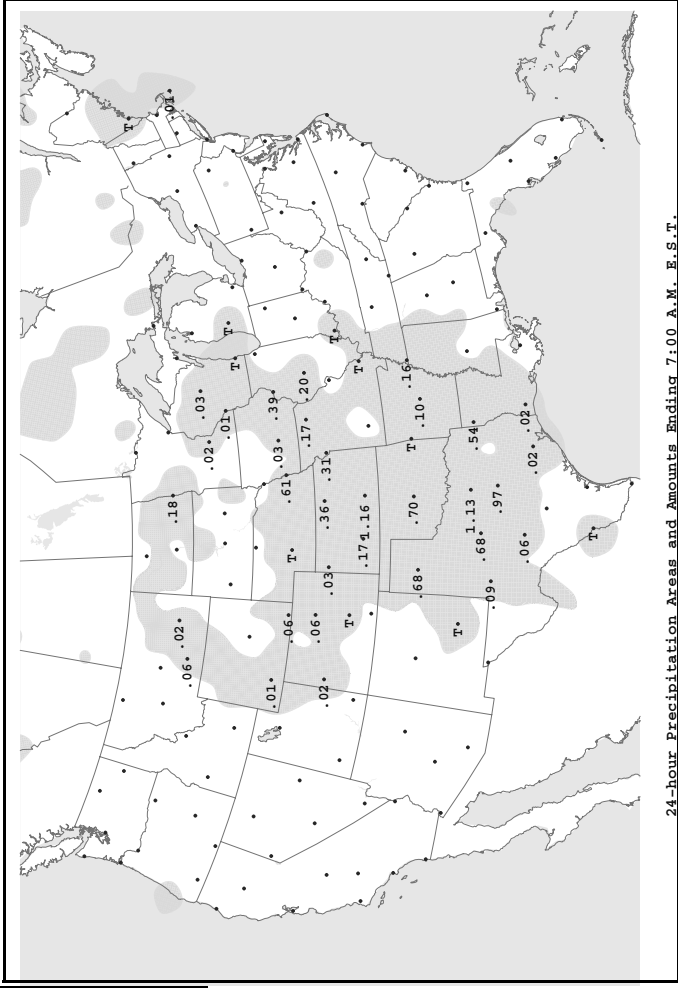
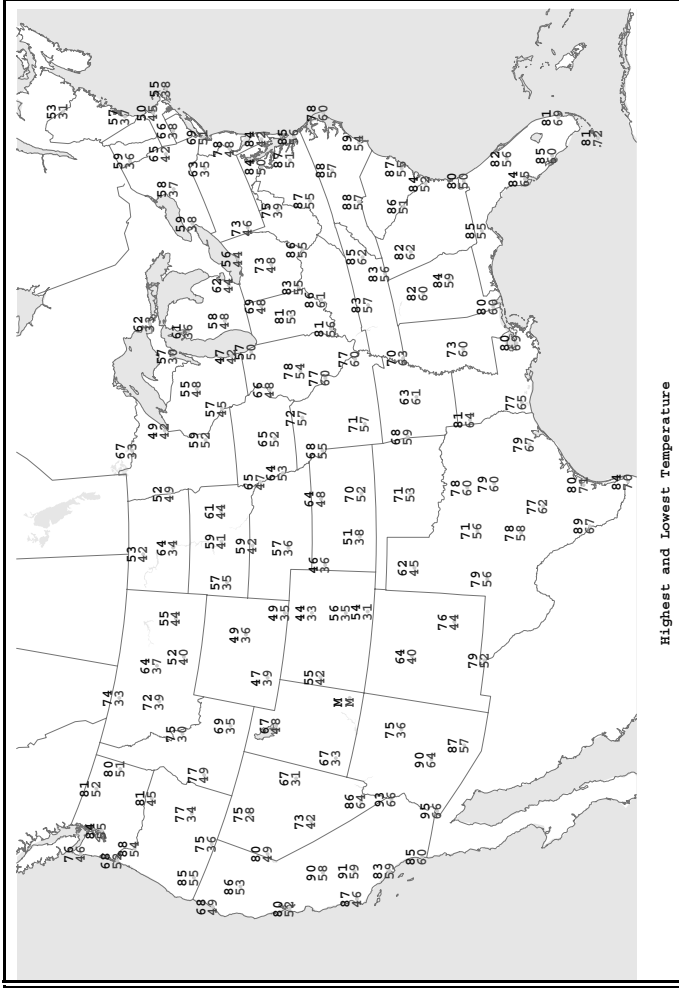
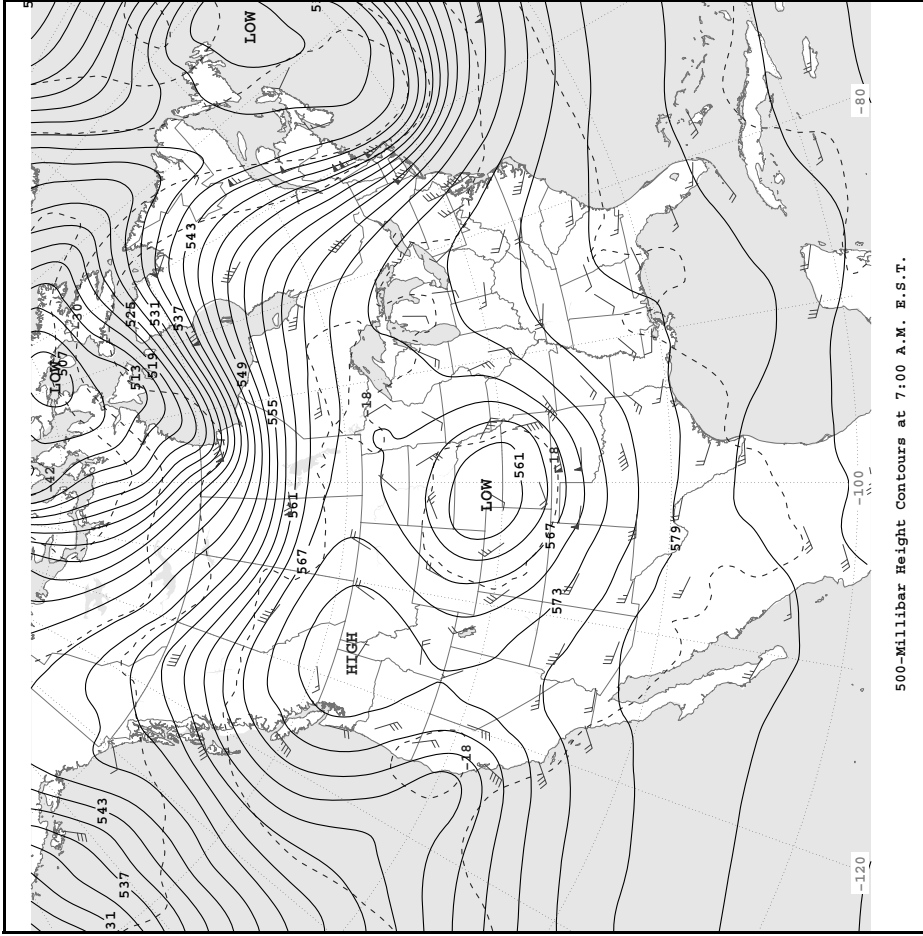
TUESDAY, APRIL 19, 2016



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

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





Station Model

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

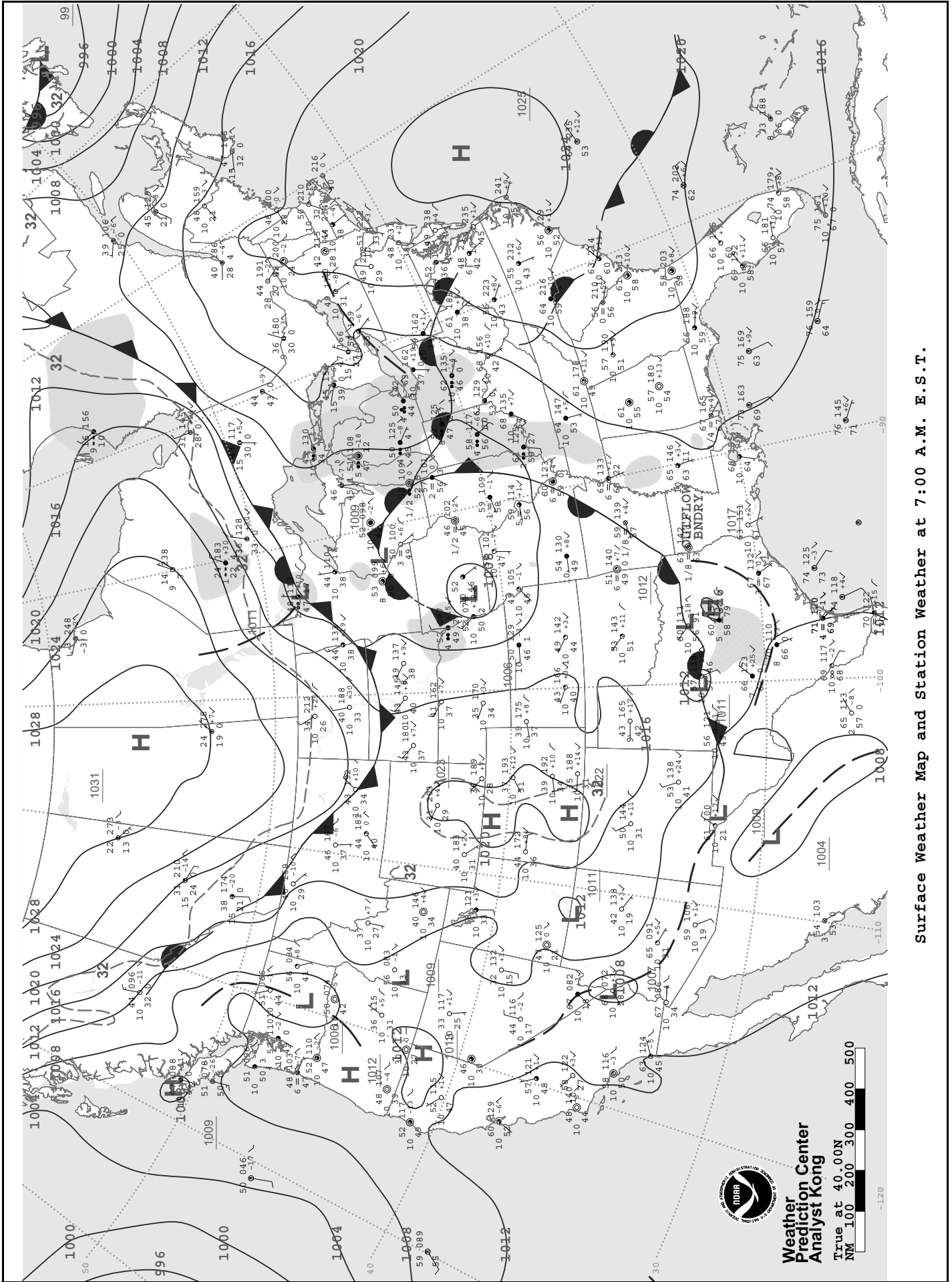
Current Temperature (in °F): **FF** — 3-Digit Surface Pressure (in tenths). Ex: 989 = 998.9mb, 012 = 1001.2mb

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

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

Sky Cover: **RR**

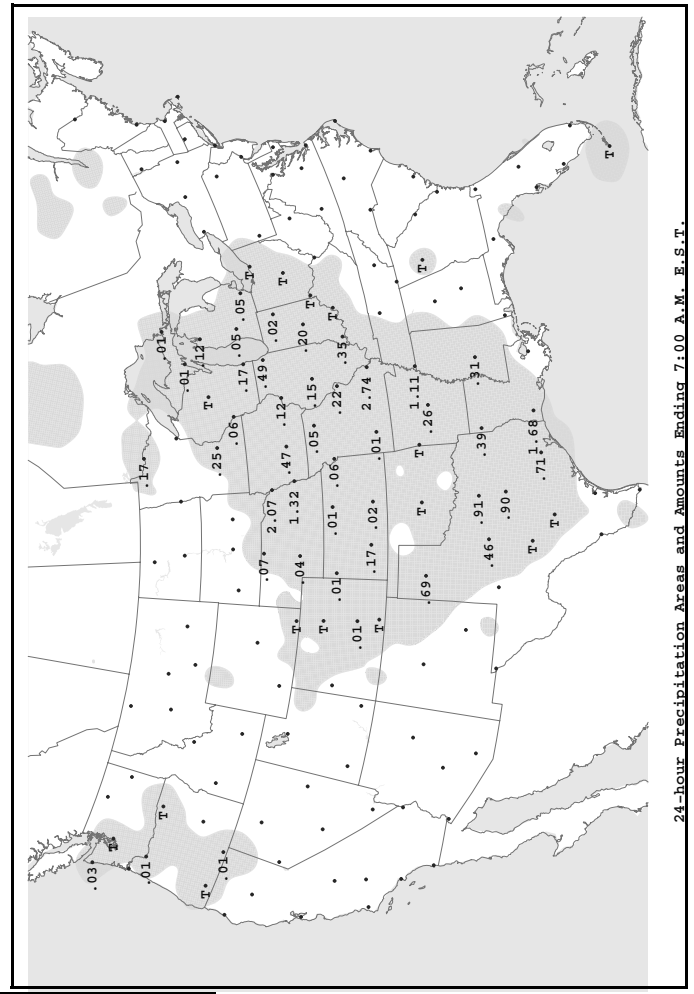
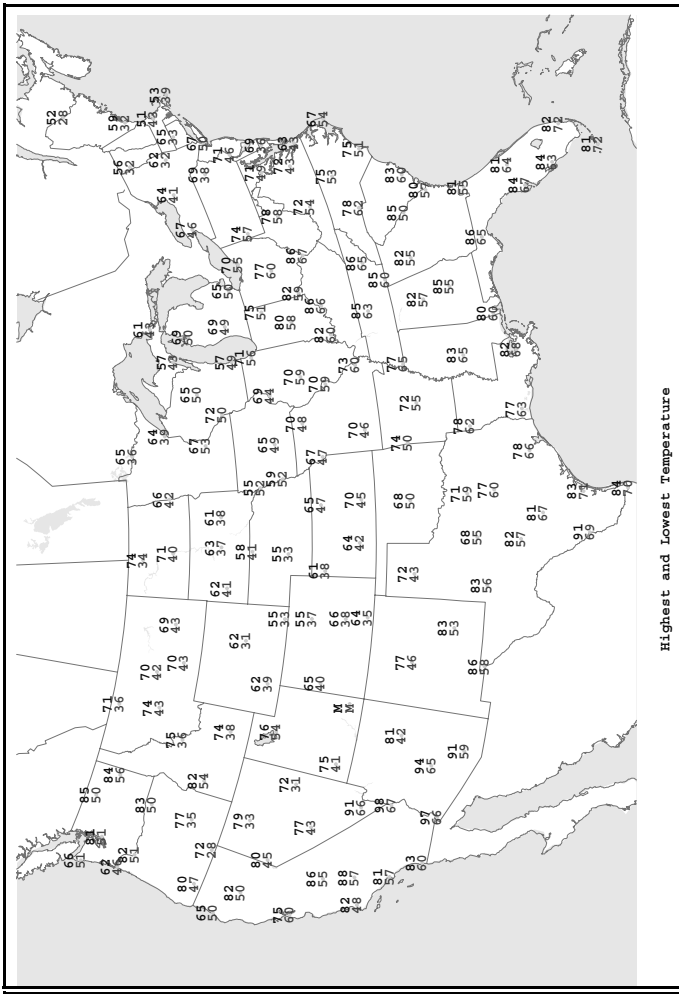
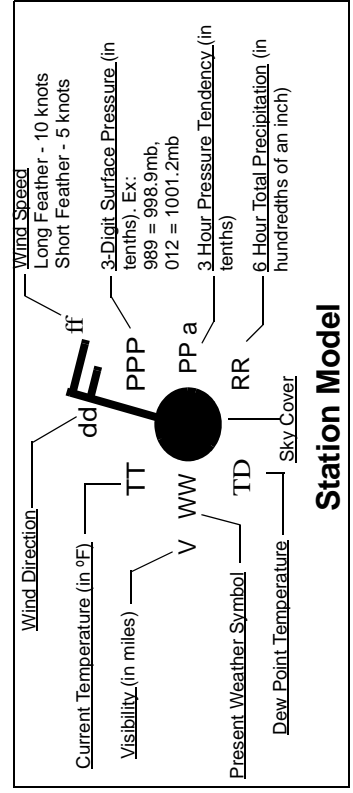
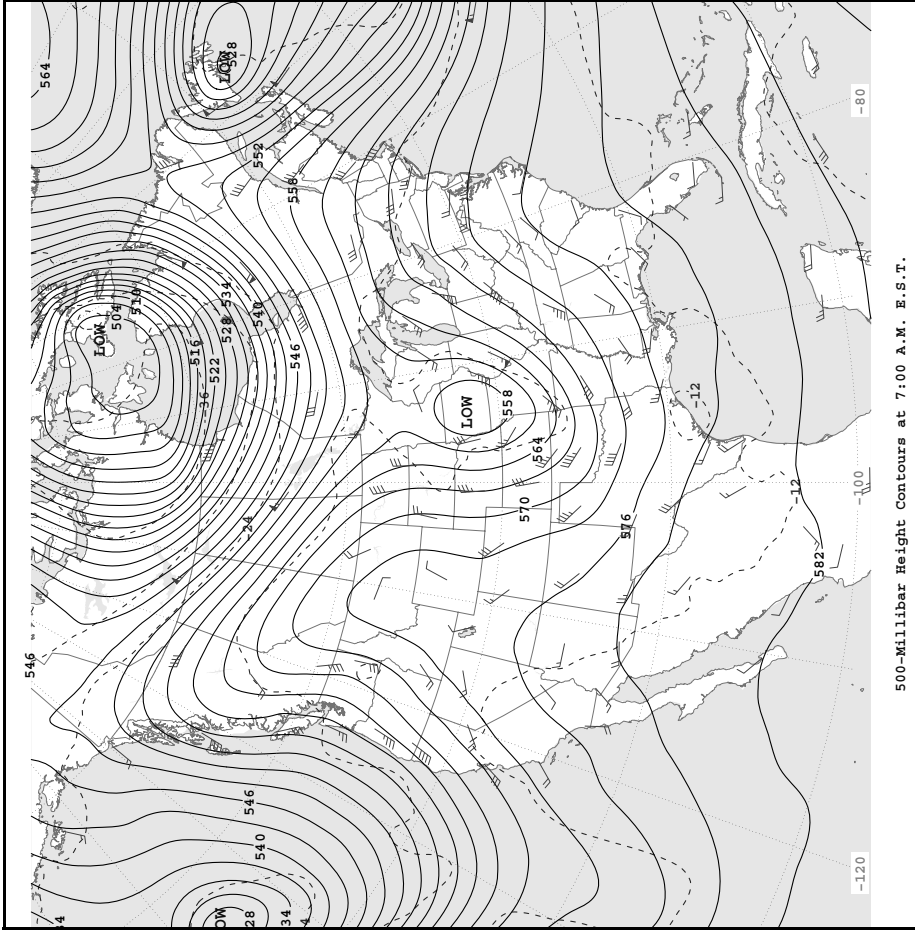
WEDNESDAY, APRIL 20, 2016



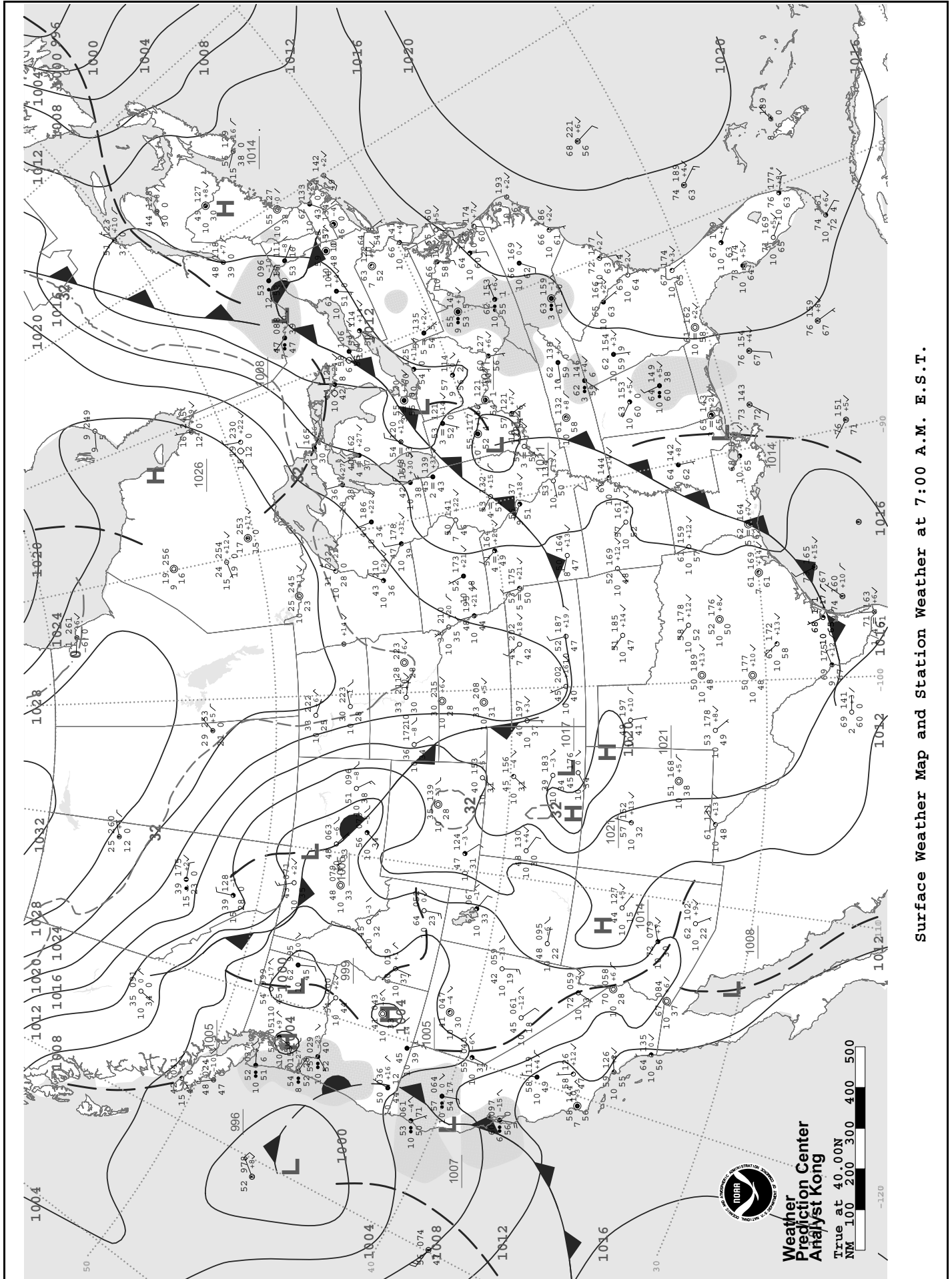
Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.

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

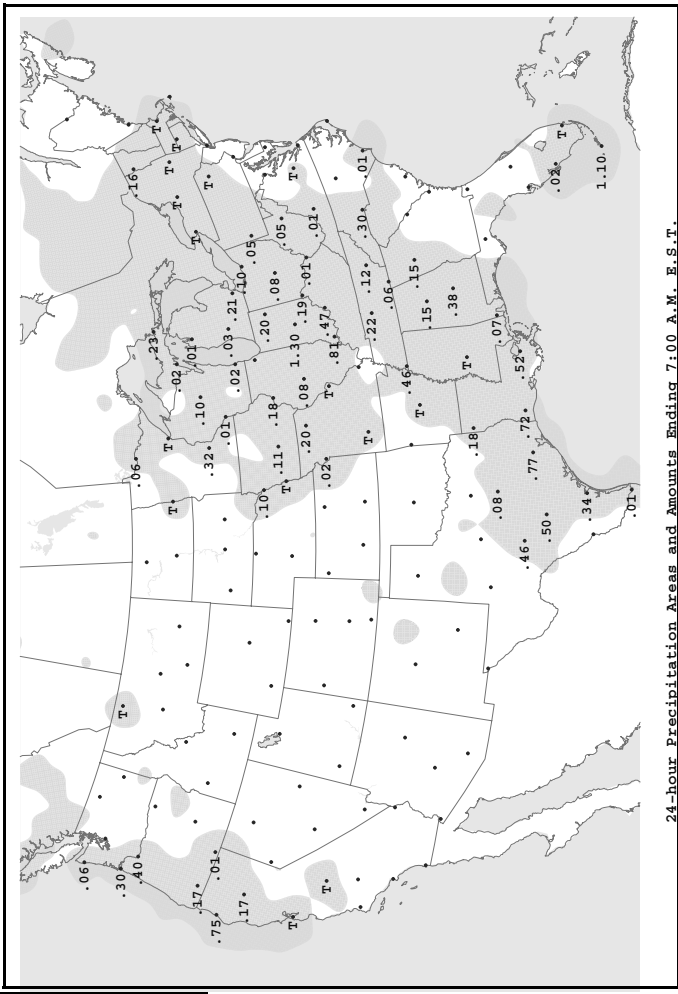
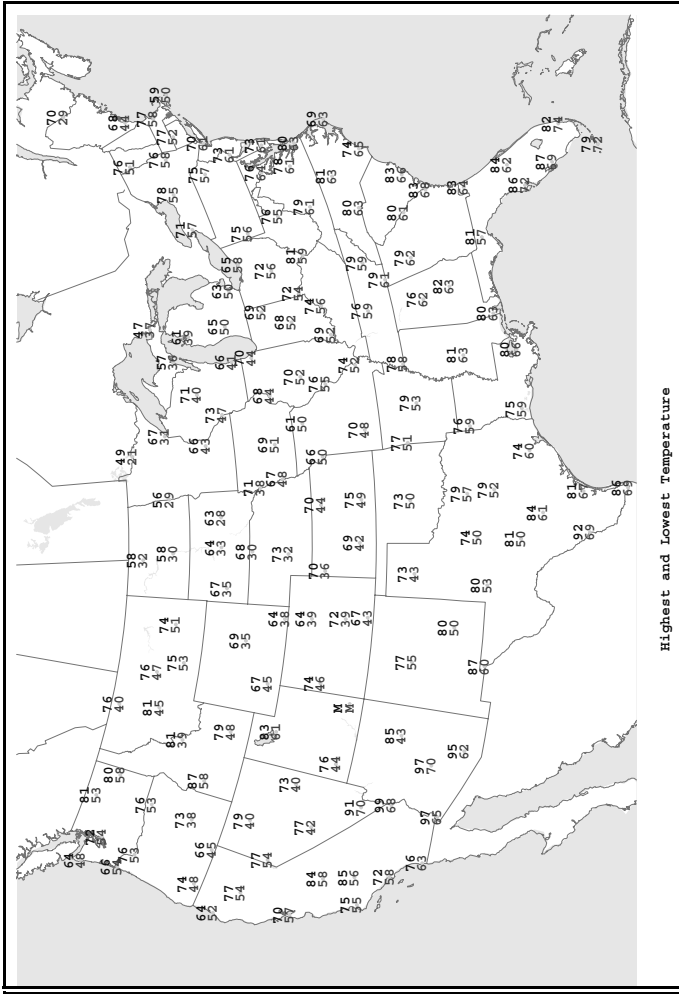
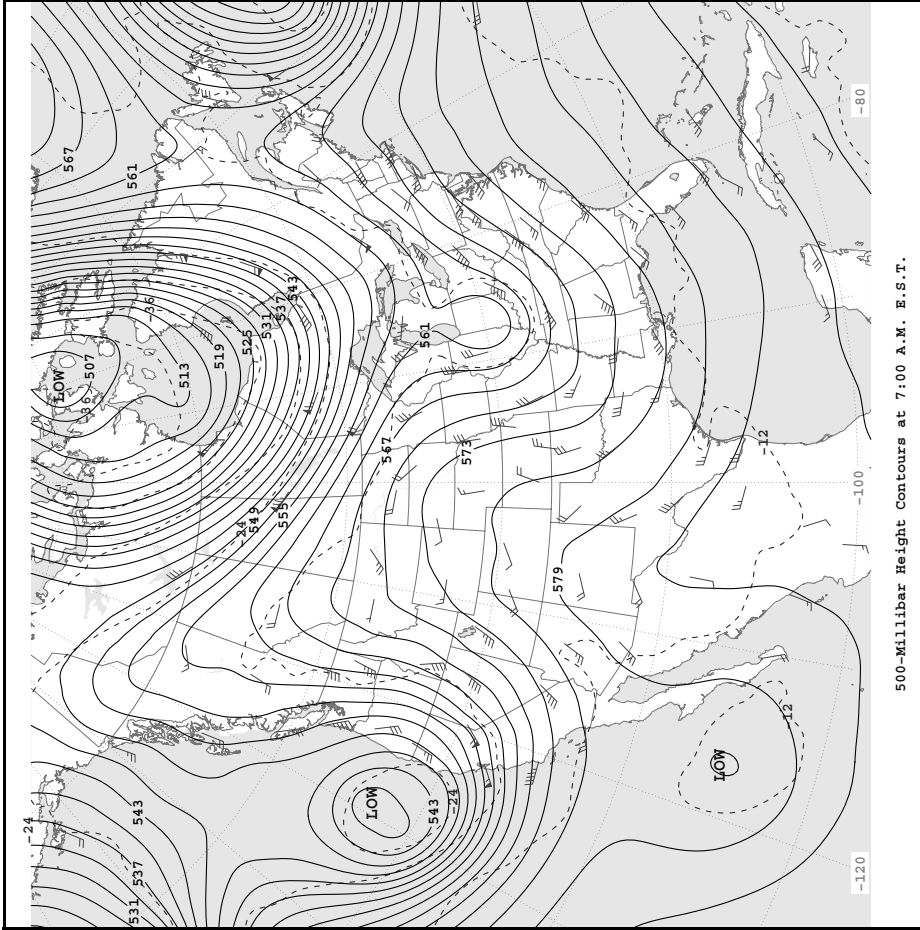




THURSDAY, APRIL 21, 2016



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

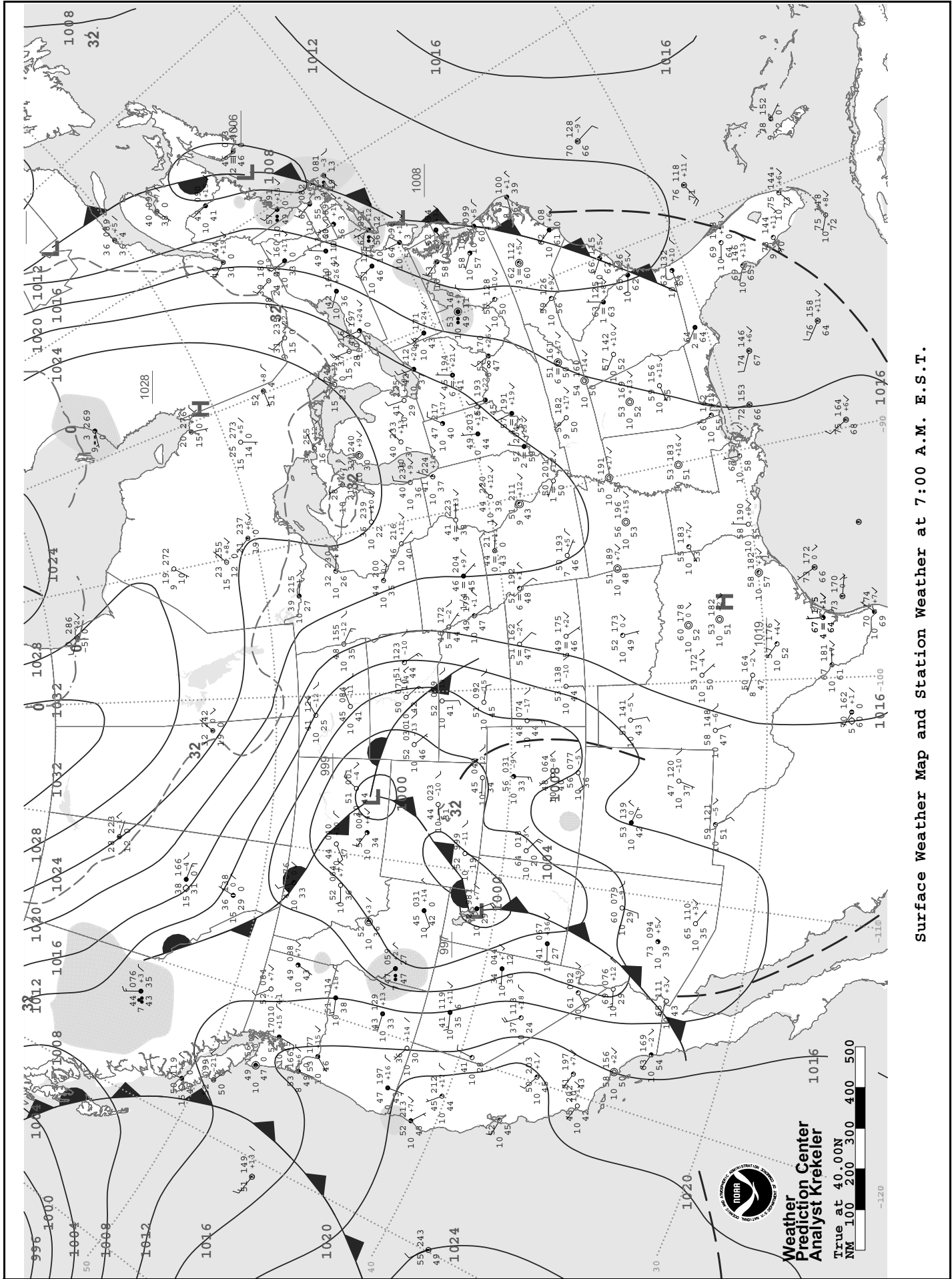
Current Temperature (in °F): 3-Digit Surface Pressure (in tenths): Ex: 989 = 998.9mb, 012 = 1001.2mb

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

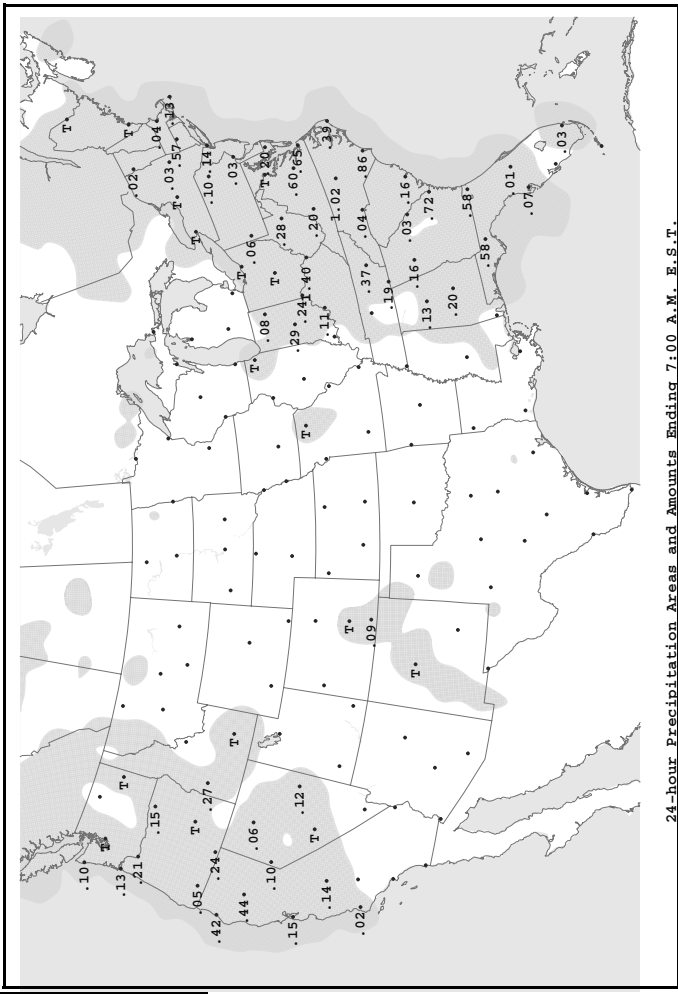
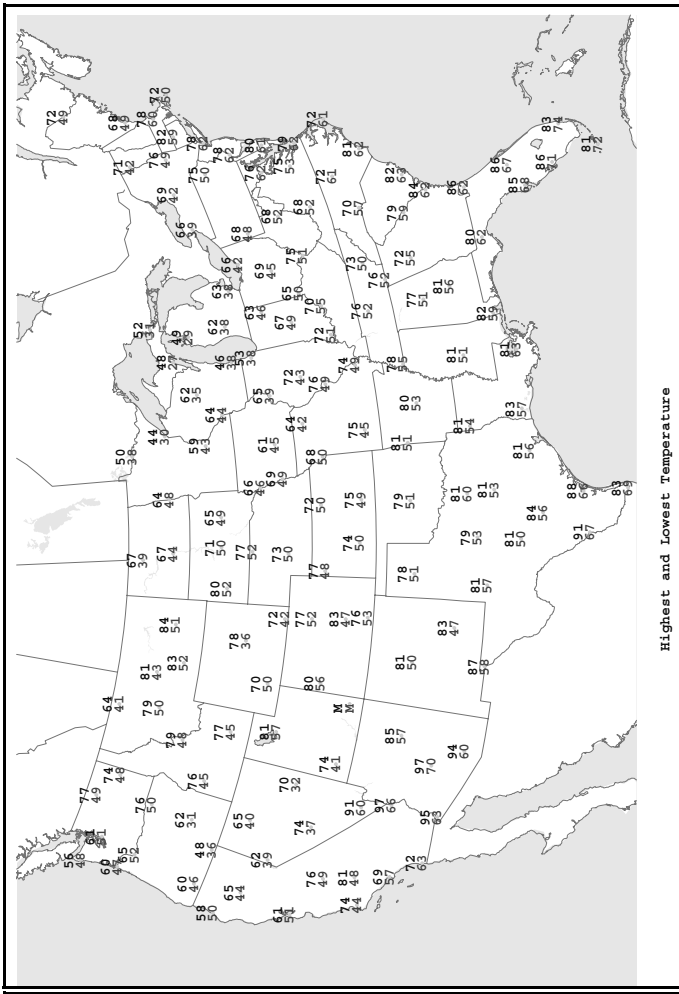
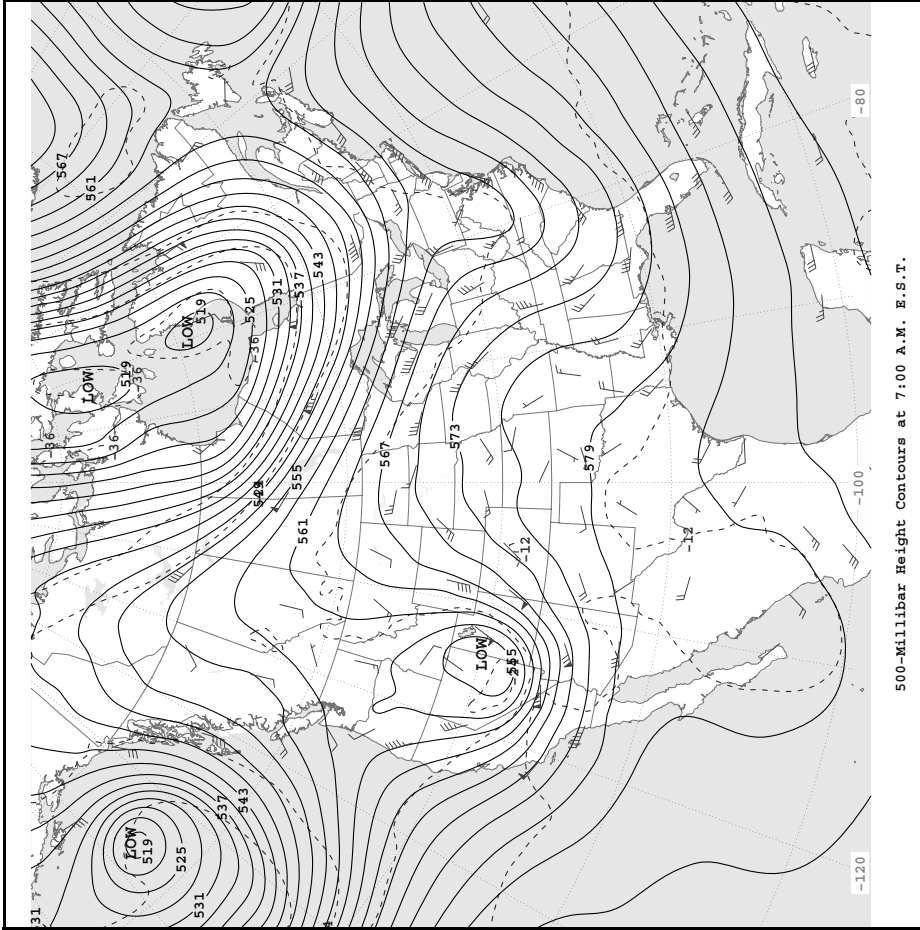
Present Weather Symbol: Sky Cover:

Dew Point Temperature:

FRIDAY, APRIL 22, 2016



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

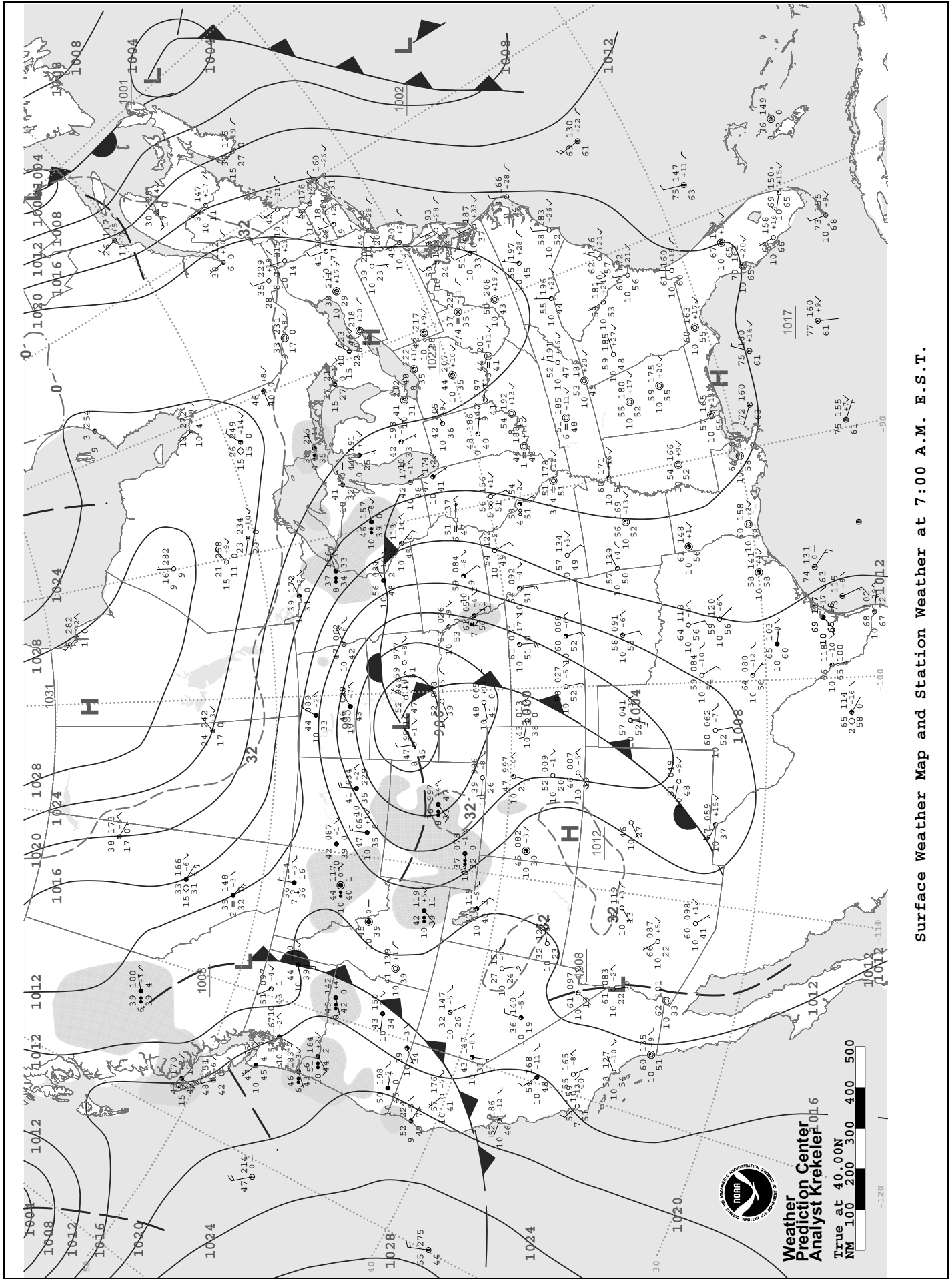
Current Temperature (in °F): **F** — 3-Digit Surface Pressure (in tenths). Ex: 989 = 998.9mb, 012 = 1001.2mb

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

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

Sky Cover: **PP a** — **RR** — **RR**

SATURDAY, APRIL 23, 2016

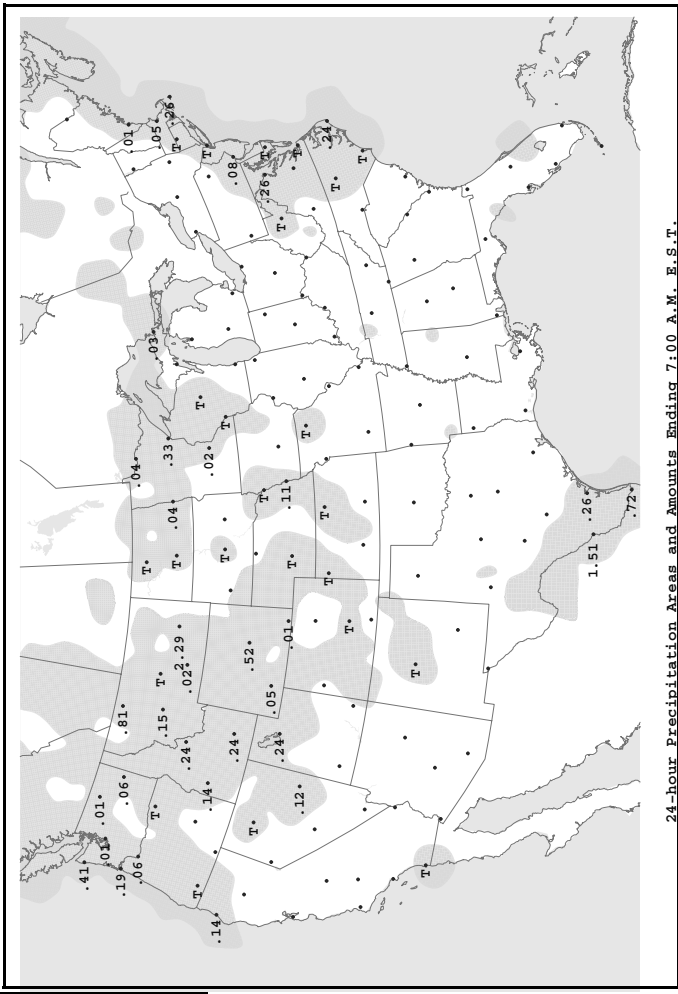
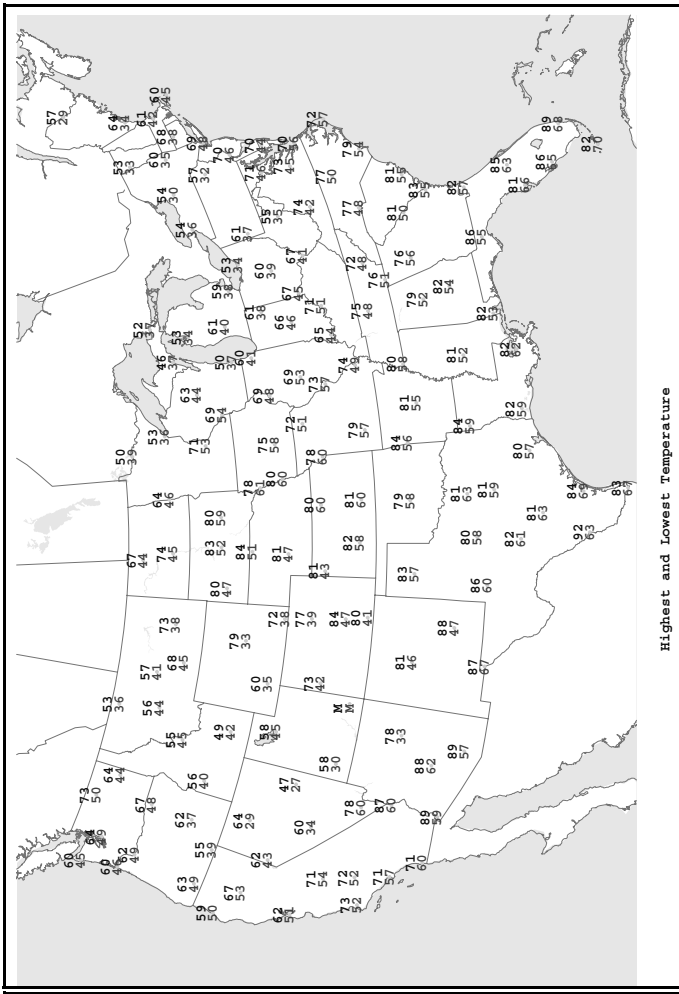
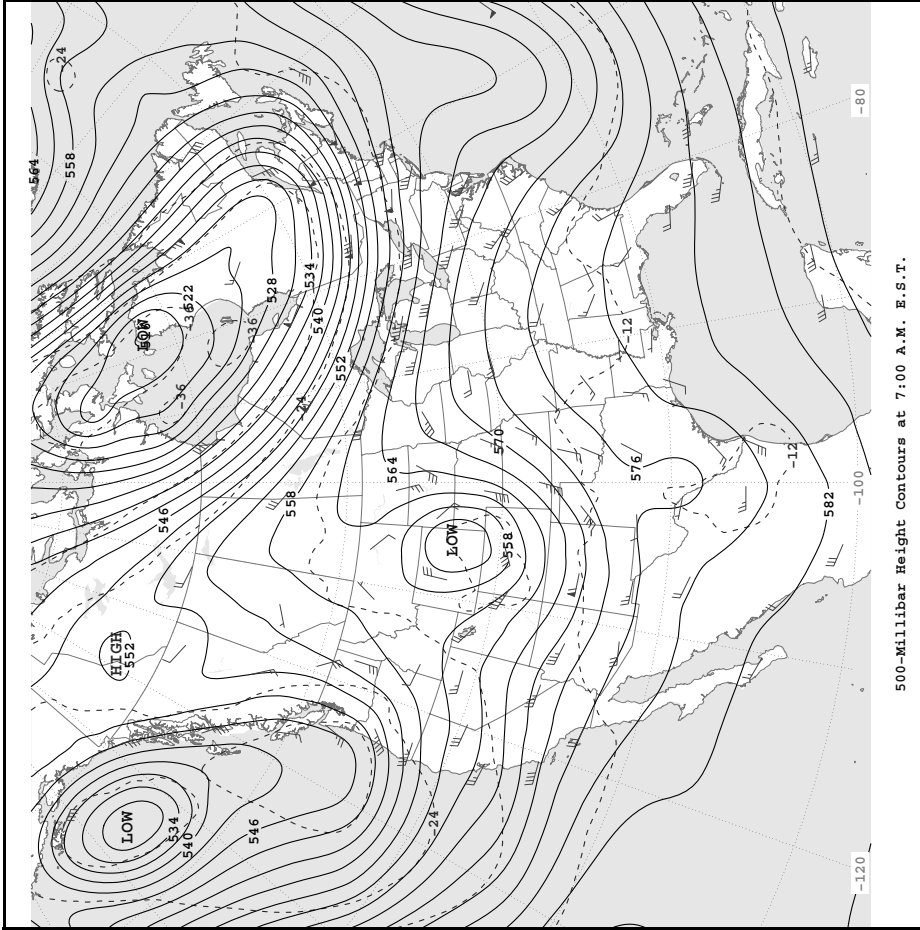


Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.

Weather Prediction Center
Analyst Krekeler OL6

True at 40.00N
NM 100 200 300 400 500





Station Model

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

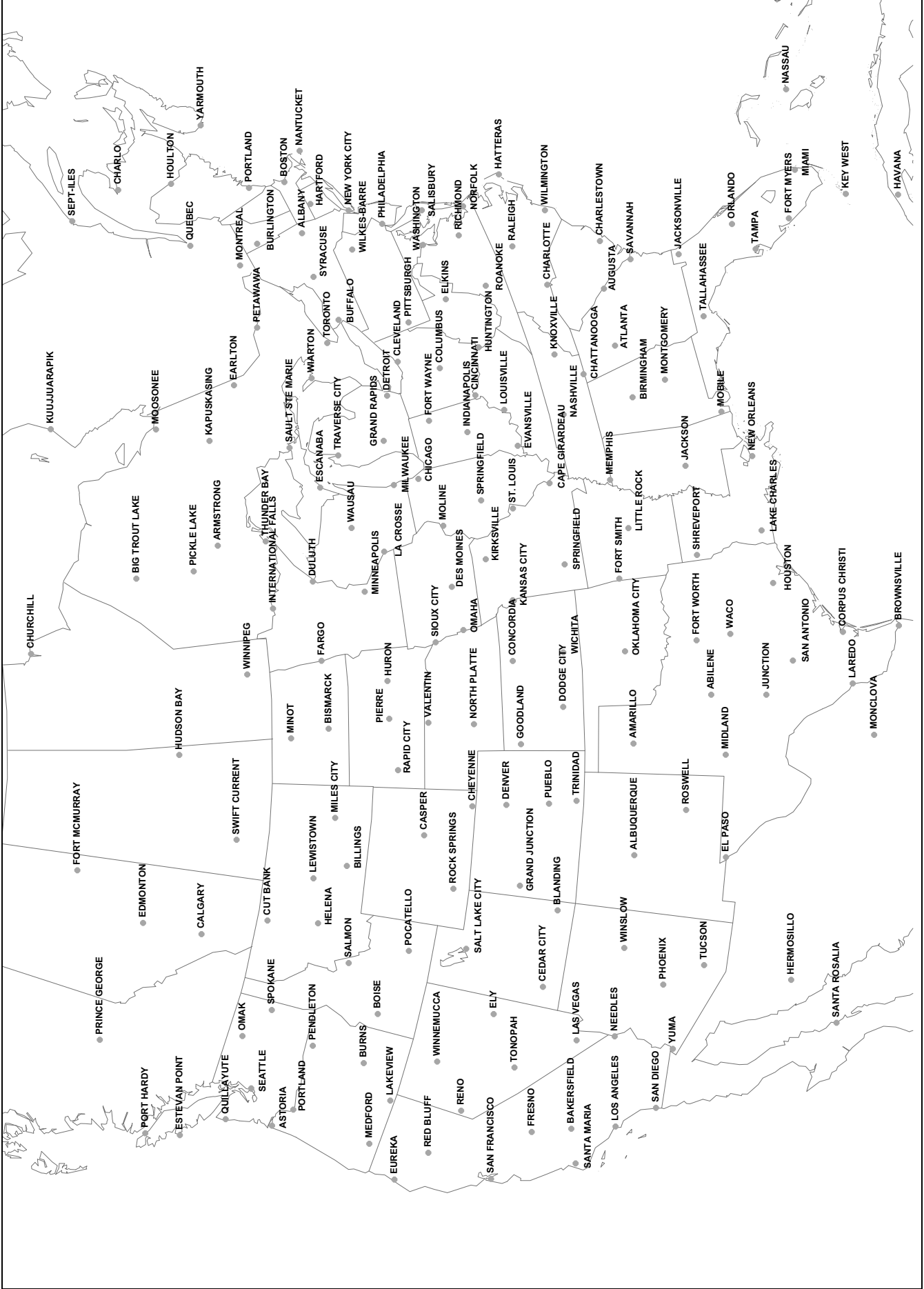
Current Temperature (in °F) — dd ———
 Visibility (in miles) ——— V ———
 Present Weather Symbol ——— TT ———
 Dew Point Temperature ——— TD ———
 Sky Cover ——— RR ———

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

SUNDAY, APRIL 24, 2016



Daily Weather Map Station Names and Locations