



Daily Weather Maps

DECEMBER 17, 2012 - DECEMBER 23, 2012

Week 51

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.

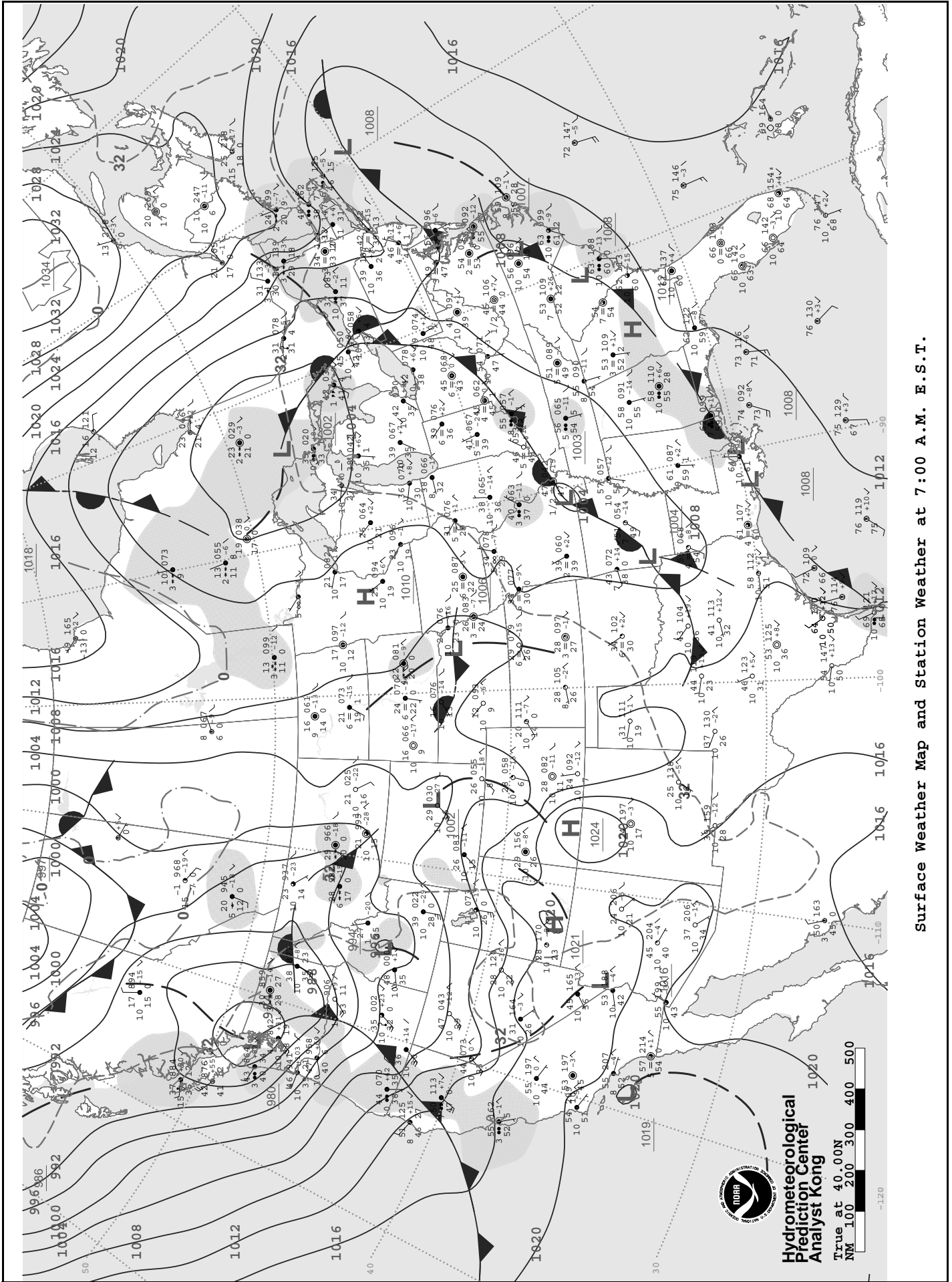
The Precipitation Areas and Amounts chart shows areas (shaded) that had precipitation during the 24 hours ending at 7:00 a.m. EST, with amounts to the nearest hundredth of an inch. "T" indicates a trace of precipitation.

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.hpc.ncep.noaa.gov/dwm/dwm.shtml.

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

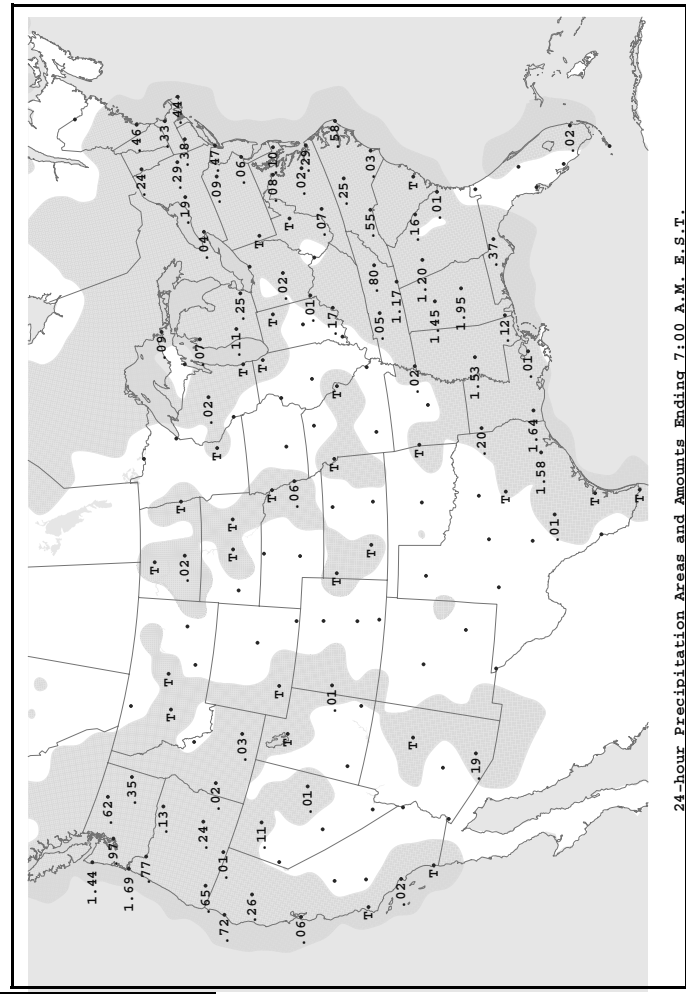
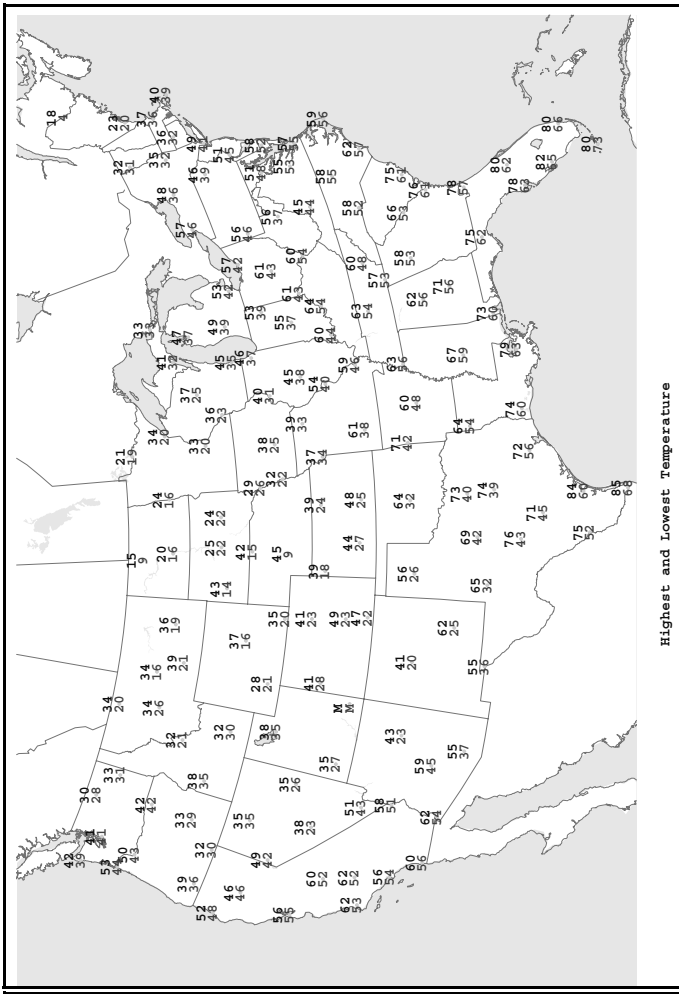
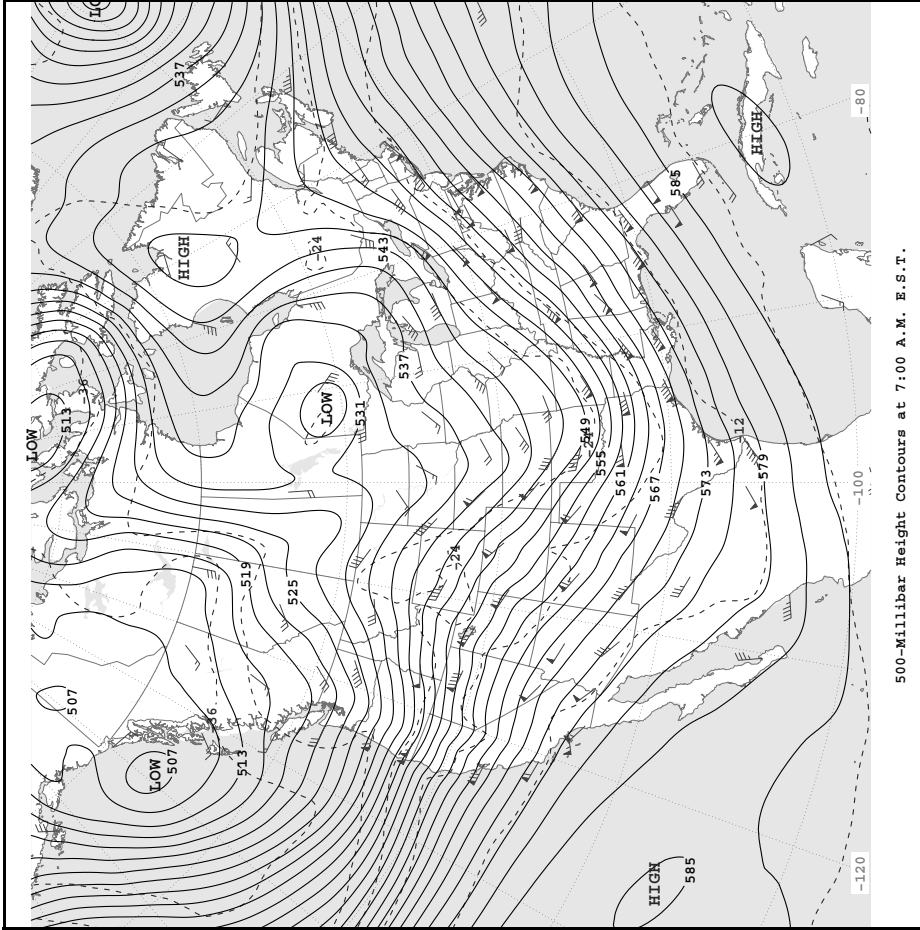


Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.



Hydrometeorological
Prediction Center
Analyst Kong

True at 40.00N
NM 100 200 300 400 500



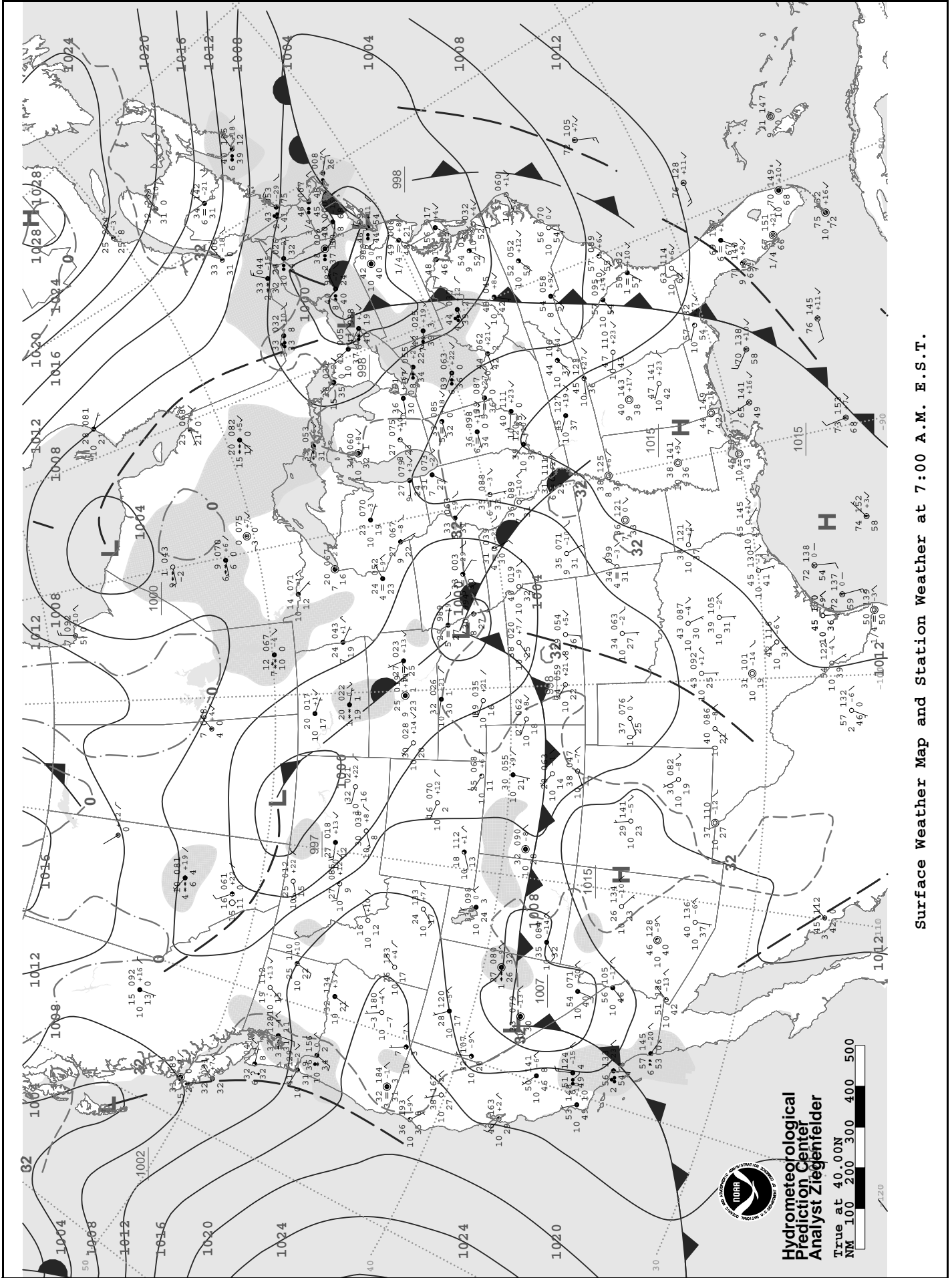
Station Model

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

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

Present Weather Symbol ——— WW ——— PP a ——— 3 Hour Pressure Tendency (in tenths)
 Dew Point Temperature ——— TD ——— RR ——— 6 Hour Total Precipitation (in hundredths of an inch)
 Sky Cover ———

MONDAY, DECEMBER 17, 2012

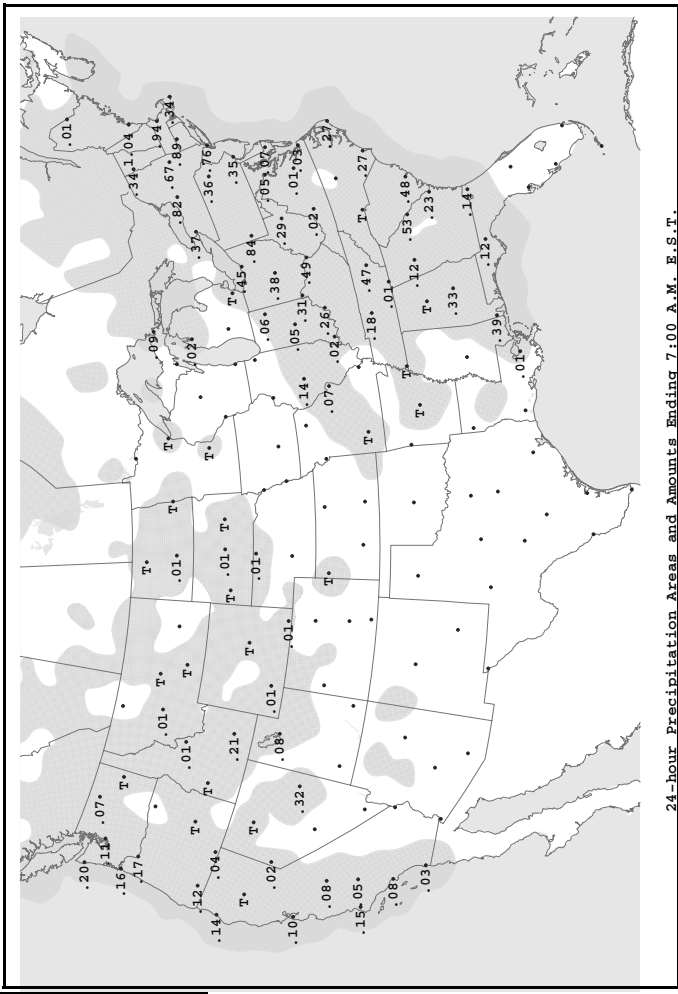
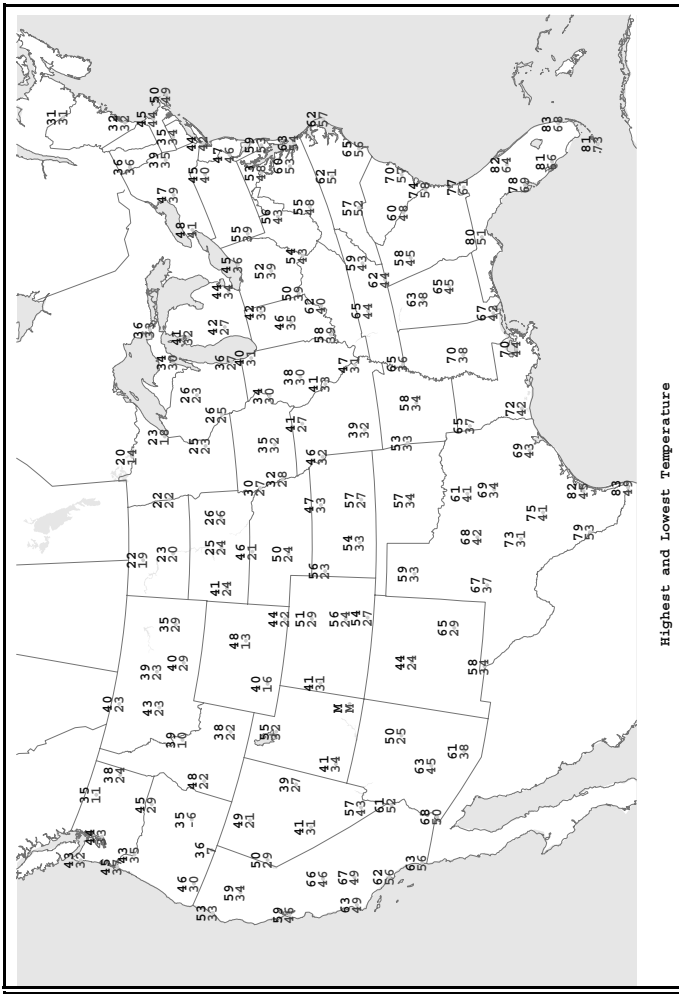
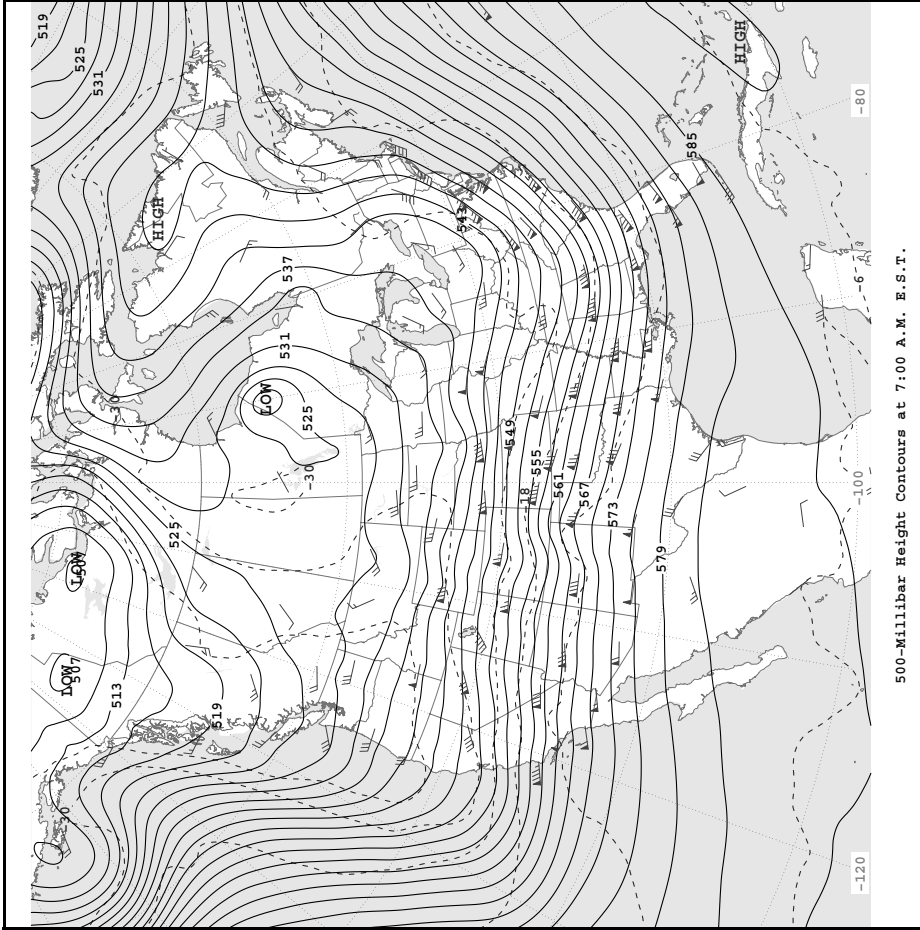


Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.

Hydrometeorological
Prediction Center
Analyst Ziegenfelder

True at 40.00N
NM 100 200 300 400 500





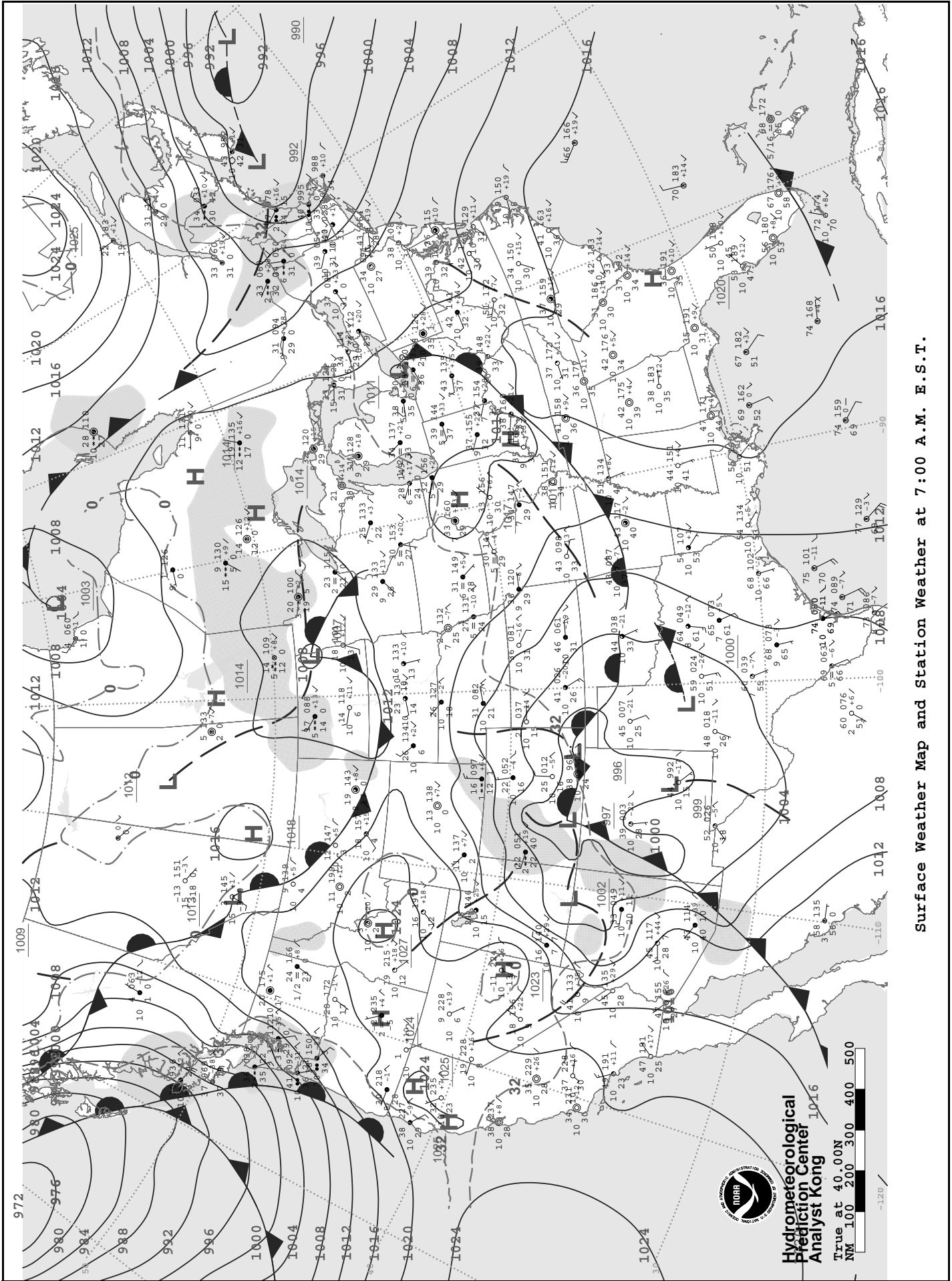
Station Model

The station model diagram consists of the following elements:

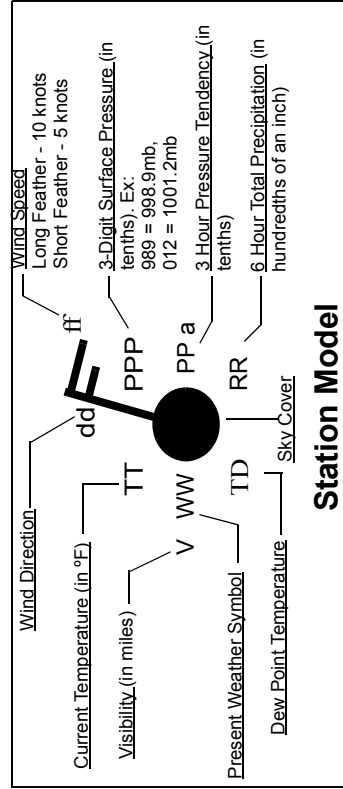
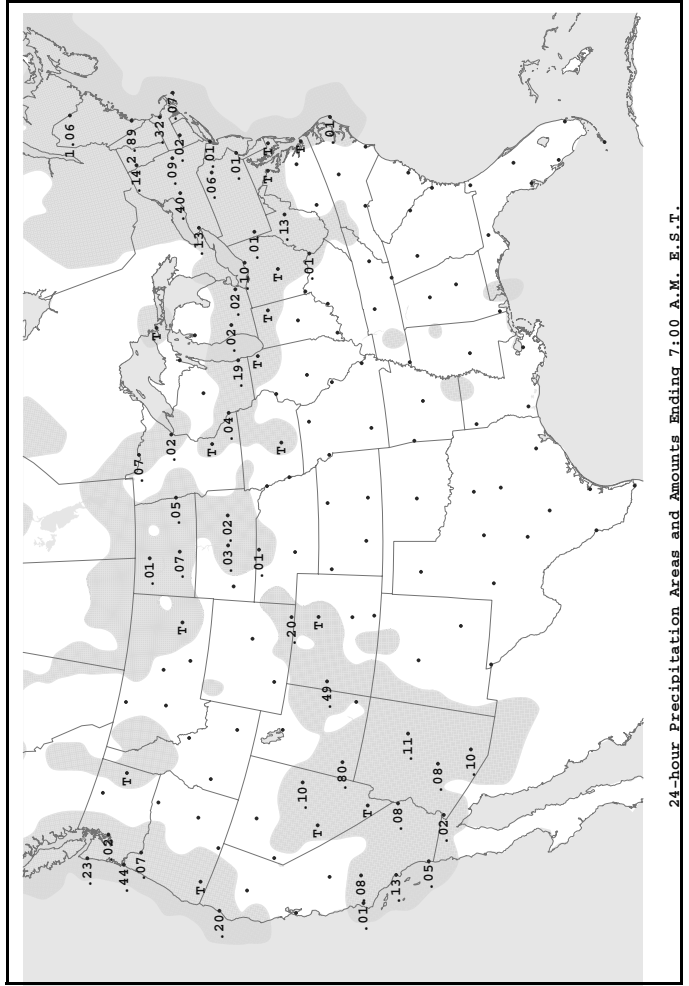
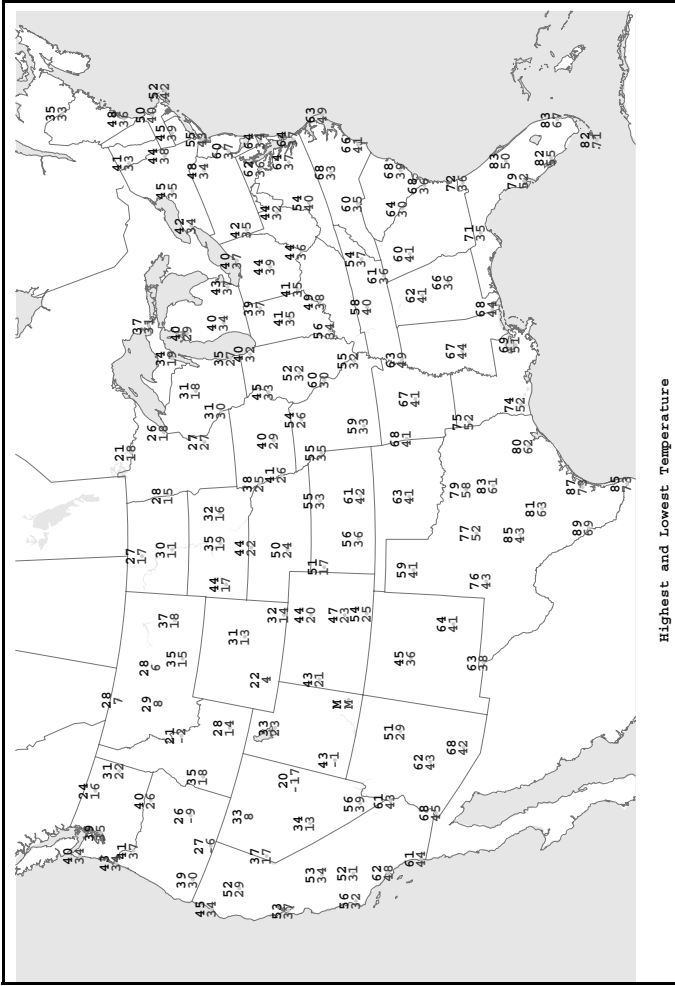
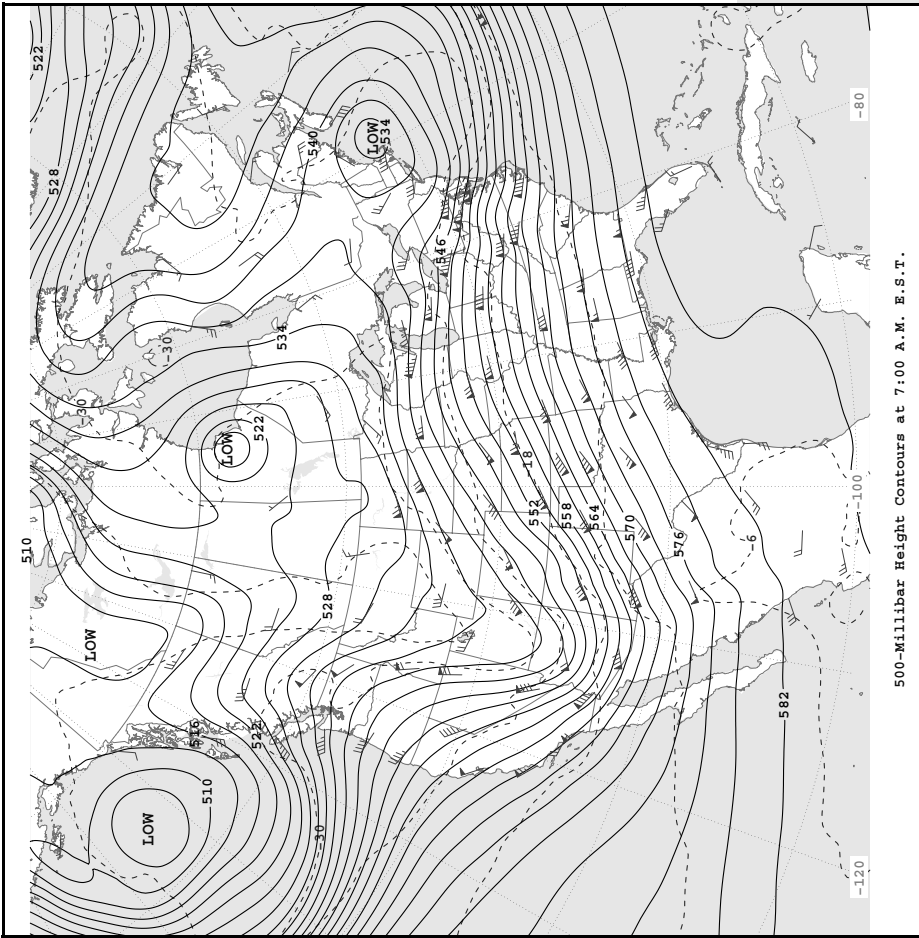
- Wind Direction:** Indicated by a vertical line with a short horizontal bar at the top.
- Wind Speed:** Indicated by the length of the horizontal bar and the number of flags on the vertical line.
- Current Temperature (in °F):** Indicated by the number 'F'.
- Visiblity (in miles):** Indicated by the number 'V'.
- Present Weather Symbol:** Indicated by a circle with a vertical line through it.
- Dew Point Temperature:** Indicated by the number 'DD'.
- 3-Digit Surface Pressure (in tenths):** Indicated by the number 'PPP'.
- 3 Hour Pressure Tendency (in tenths):** Indicated by the number 'PP'.
- 6 Hour Total Precipitation (in hundredths of an inch):** Indicated by the number 'RR'.
- Sky Cover:** Indicated by the number 'Sky_Cover'.

TUESDAY, DECEMBER 18, 2012

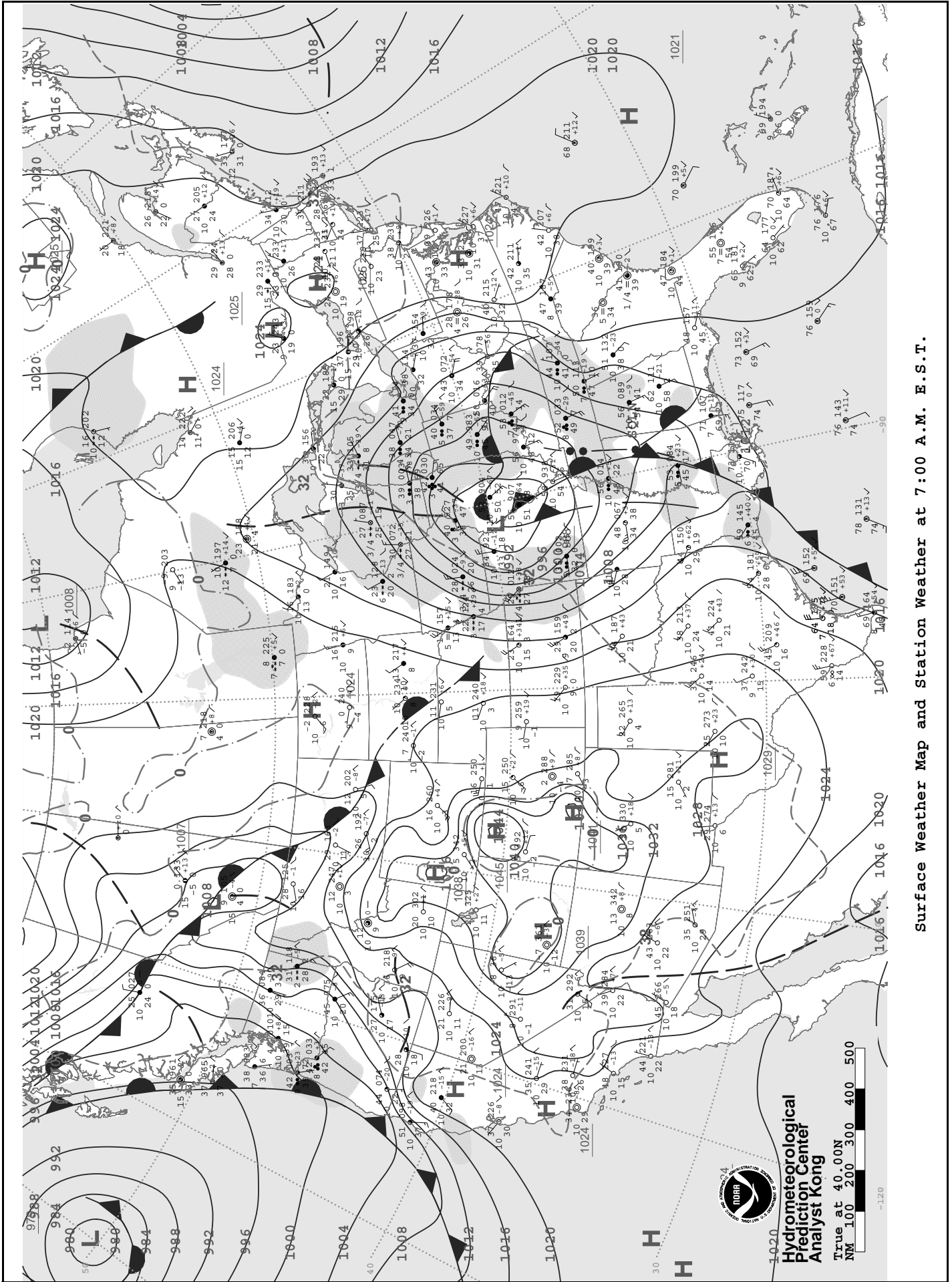
24-hour Precipitation Areas and Amounts Ending 7:00 A.M. E.S.T.



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



WEDNESDAY, DECEMBER 19, 2012

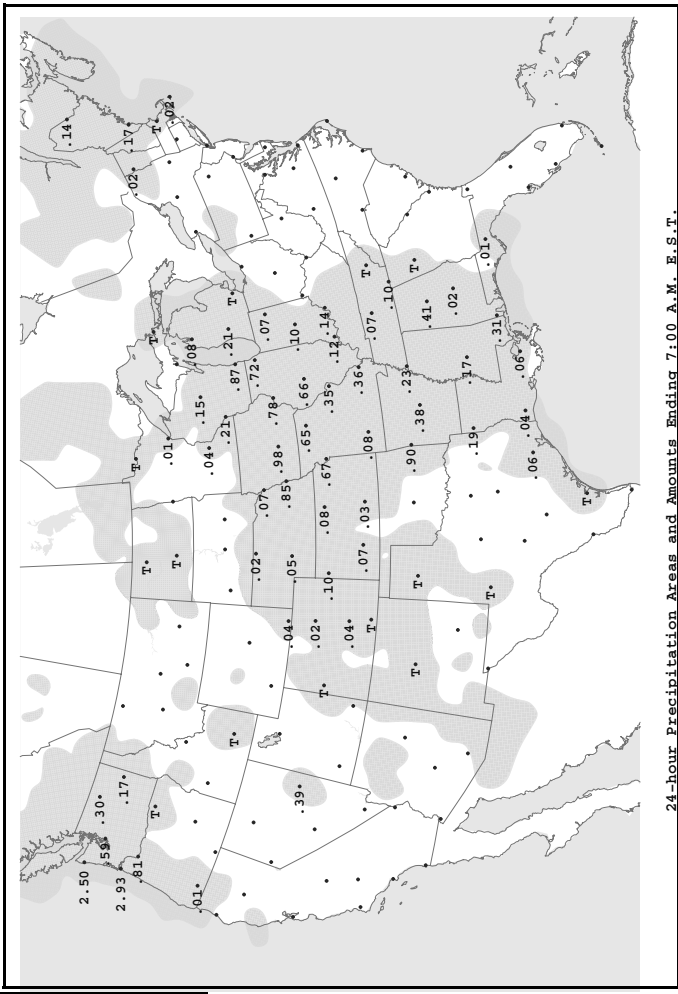
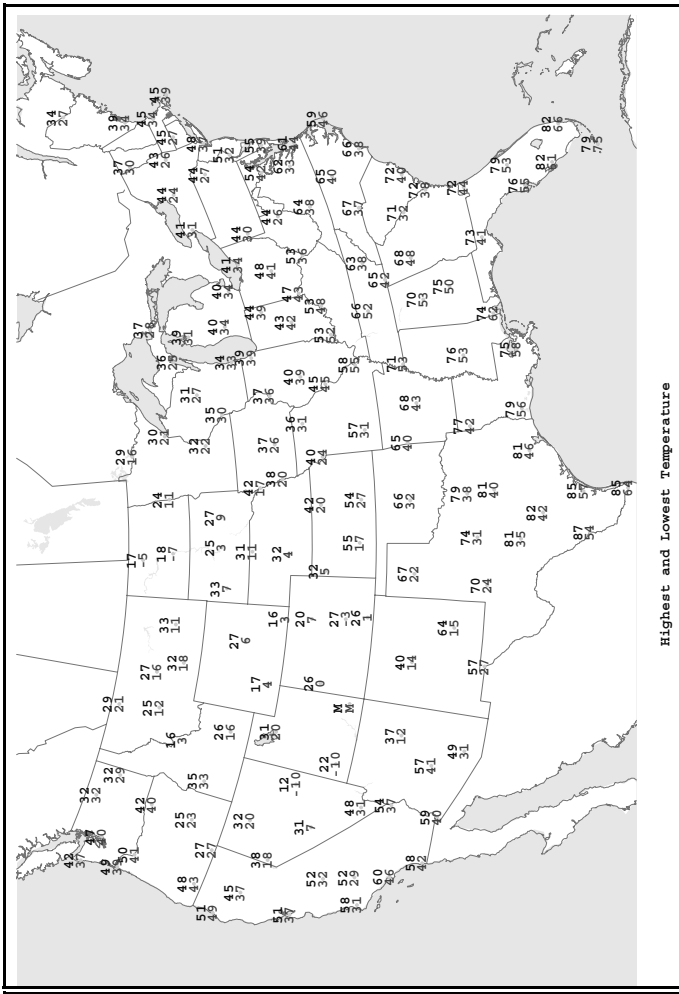
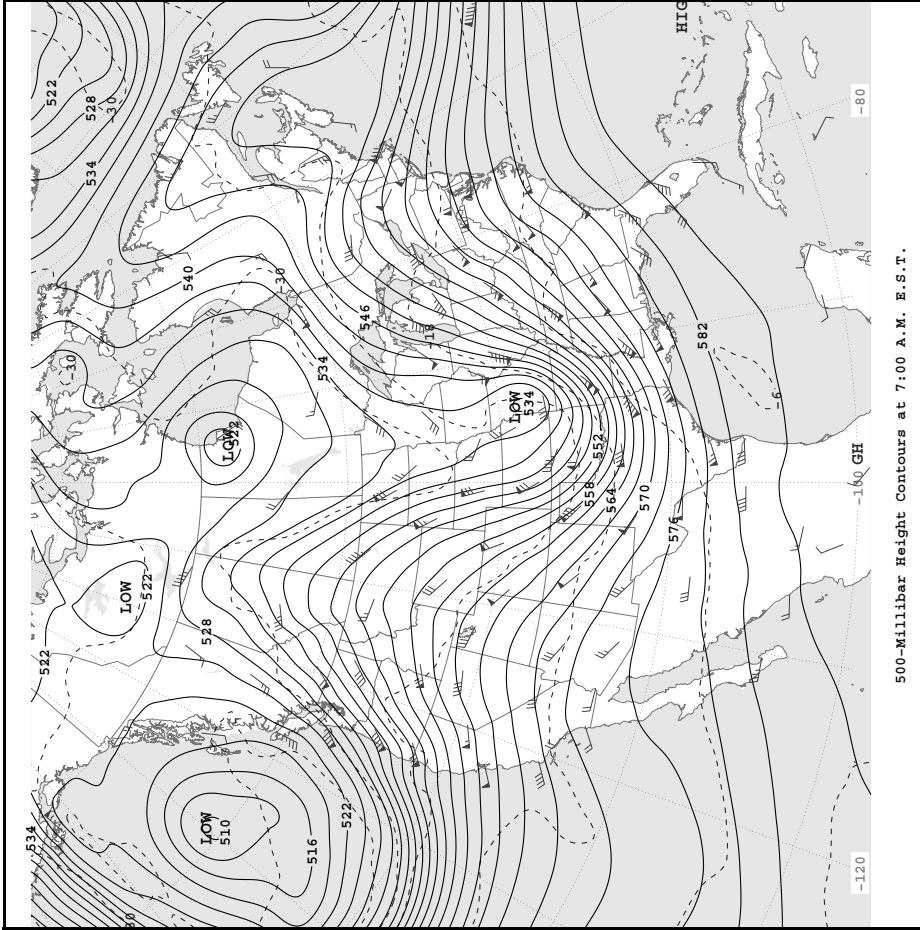


Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.

Hydrometeorological
Prediction Center
Analyst Kong

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

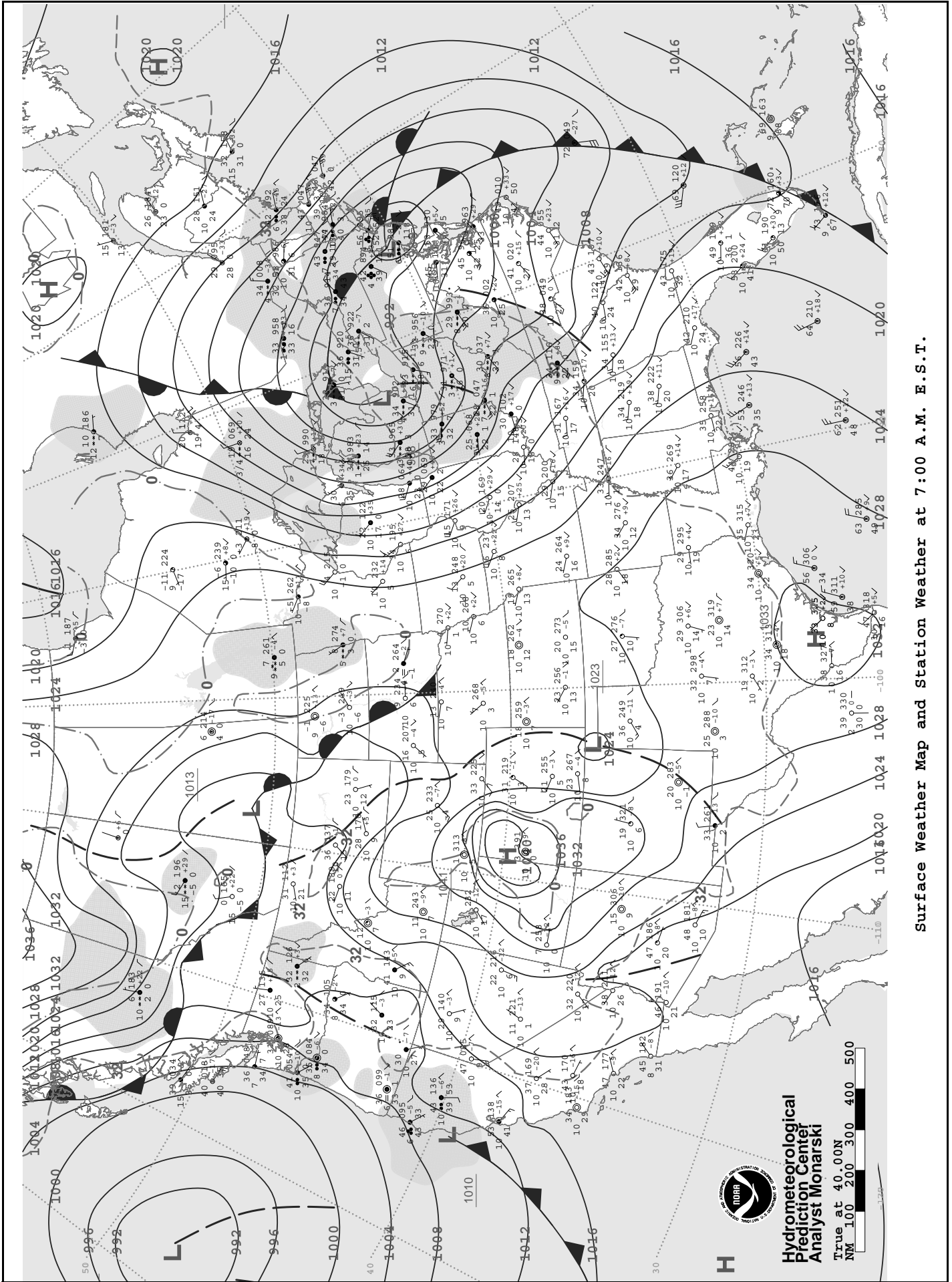
Visibility (in miles): 3-Digit Surface Pressure (in tenths): Ex: 999 = 998.9mb, 012 = 1001.2mb

Present Weather Symbol: PP a

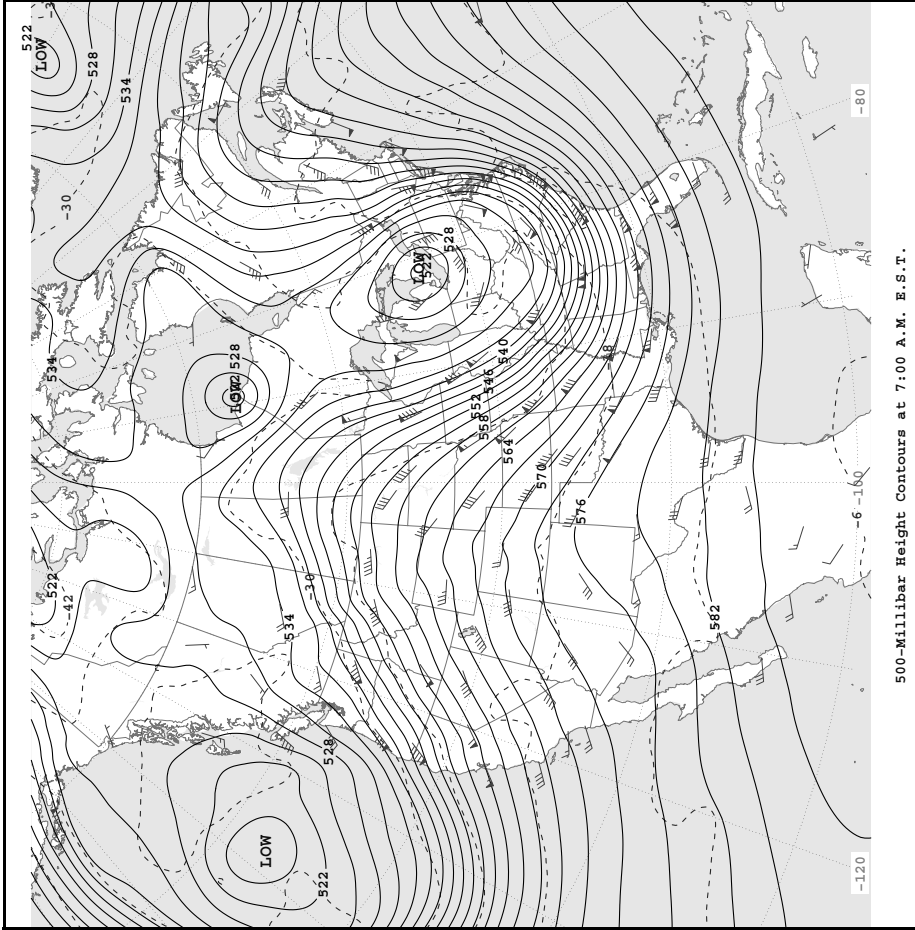
Dew Point Temperature: TD | RR | Sky Cover

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

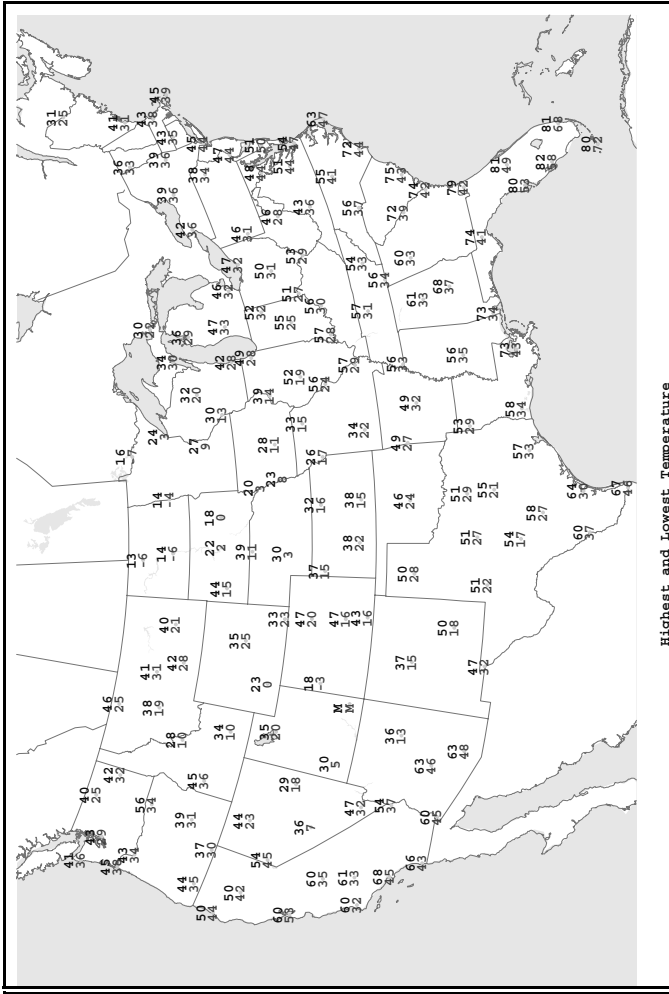
THURSDAY, DECEMBER 20, 2012



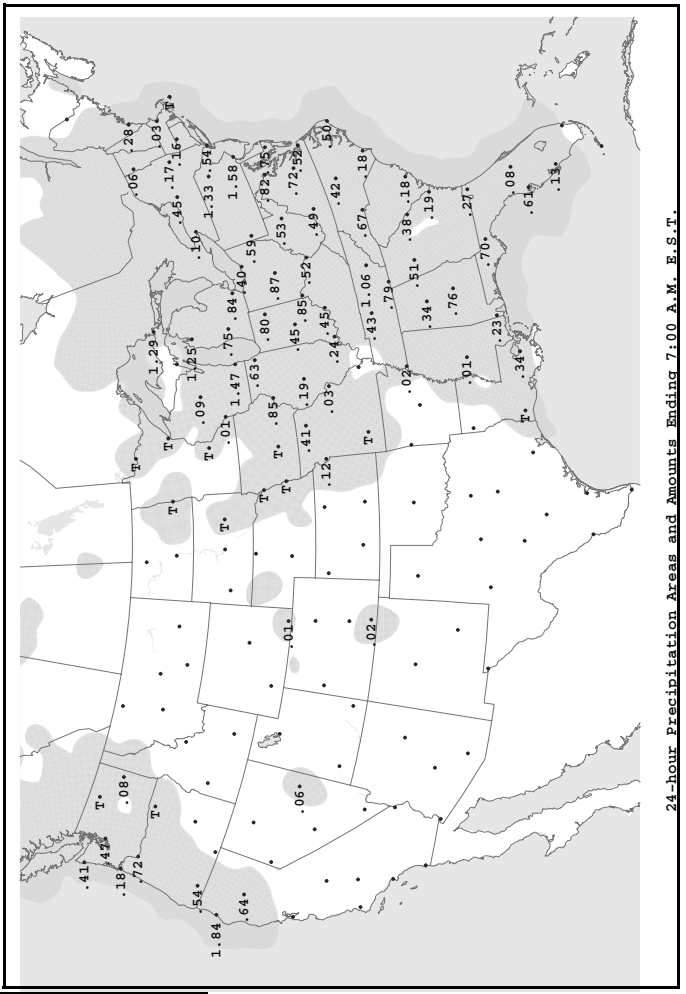
Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.



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



Highest and Lowest Temperature

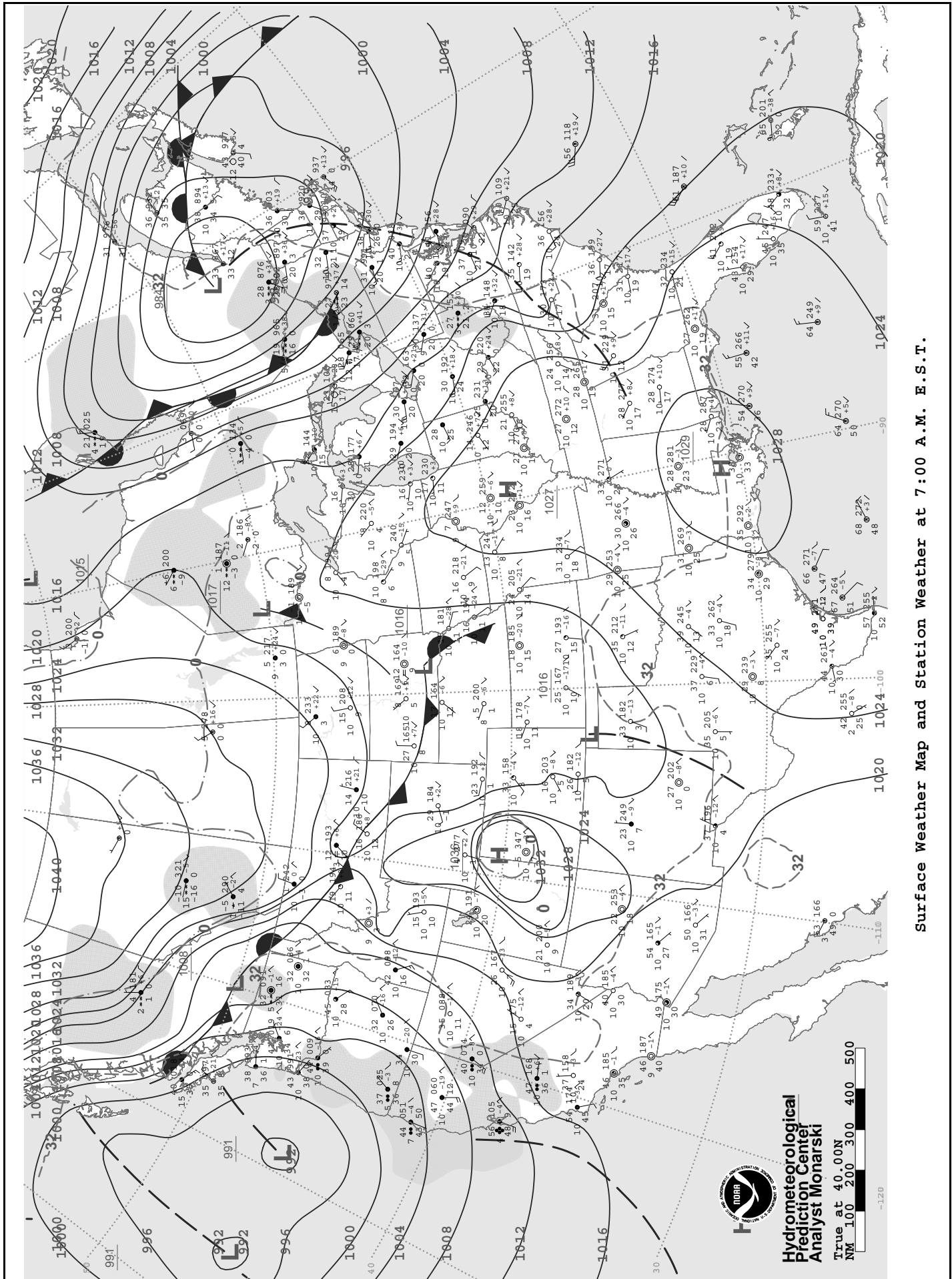


24-hour Precipitation Areas and Amounts Ending 7:00 A.M. E.S.T.

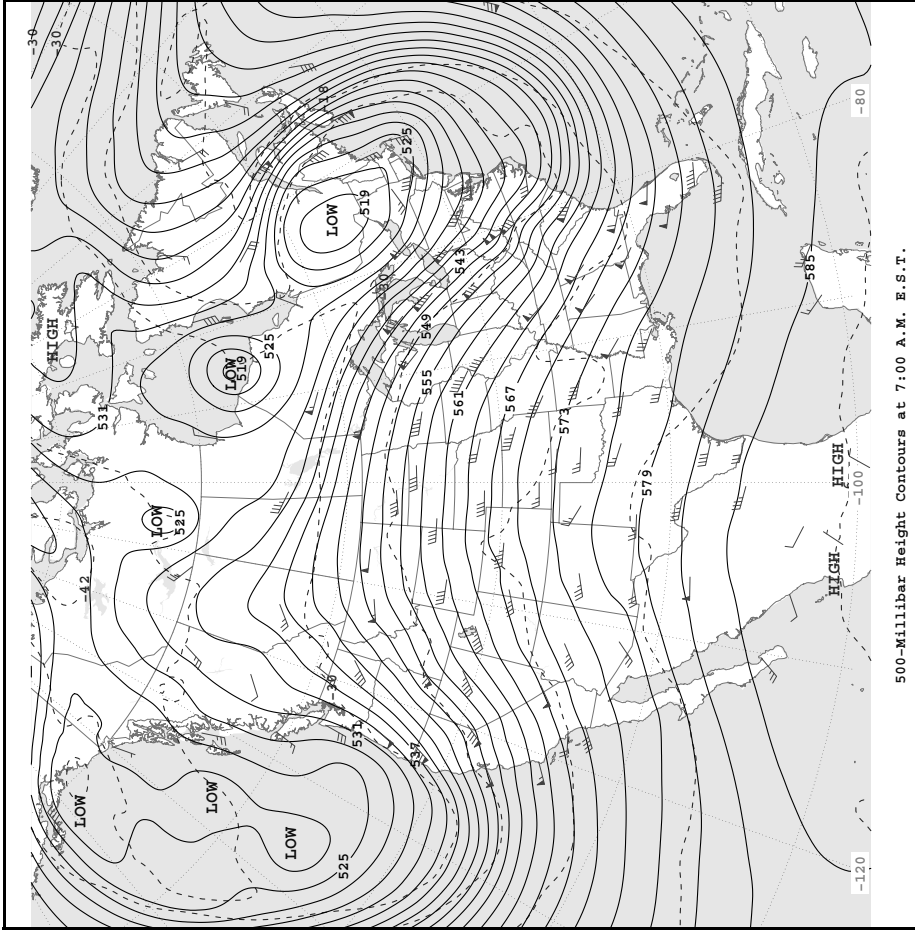
Wind Direction	Wind Speed	ft
Current Temperature (in °F)	Long Feather - 10 knots	PPP
Visibility (in miles)	Short Feather - 5 knots	
	3-Digit Surface Pressure (in tenths). Ex: 989 = 998.9mb, 012 = 1001.2mb	PP a
Present Weather Symbol	3 Hour Pressure Tendency (in tenths)	RR
Dew Point Temperature	6 Hour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

Station Model

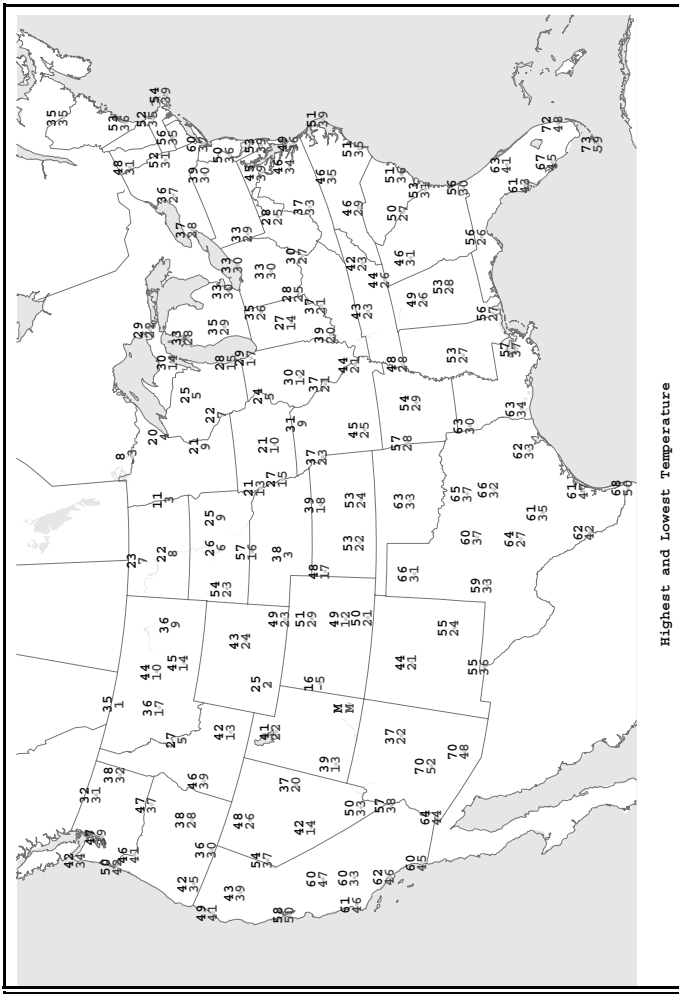
FRIDAY, DECEMBER 21, 2012



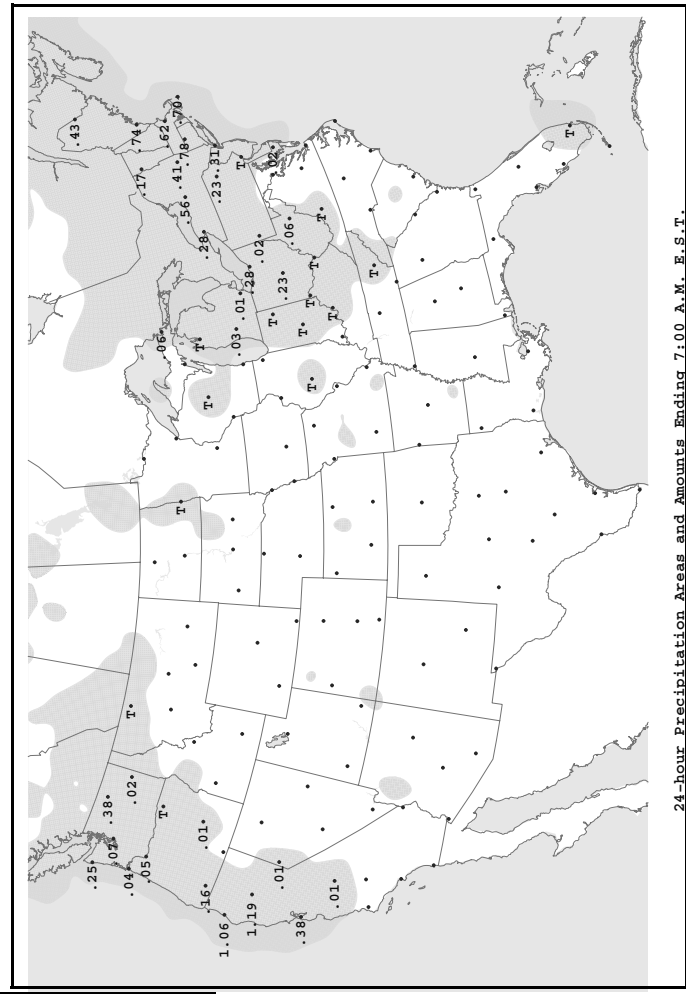
Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.



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



Highest and Lowest Temperature

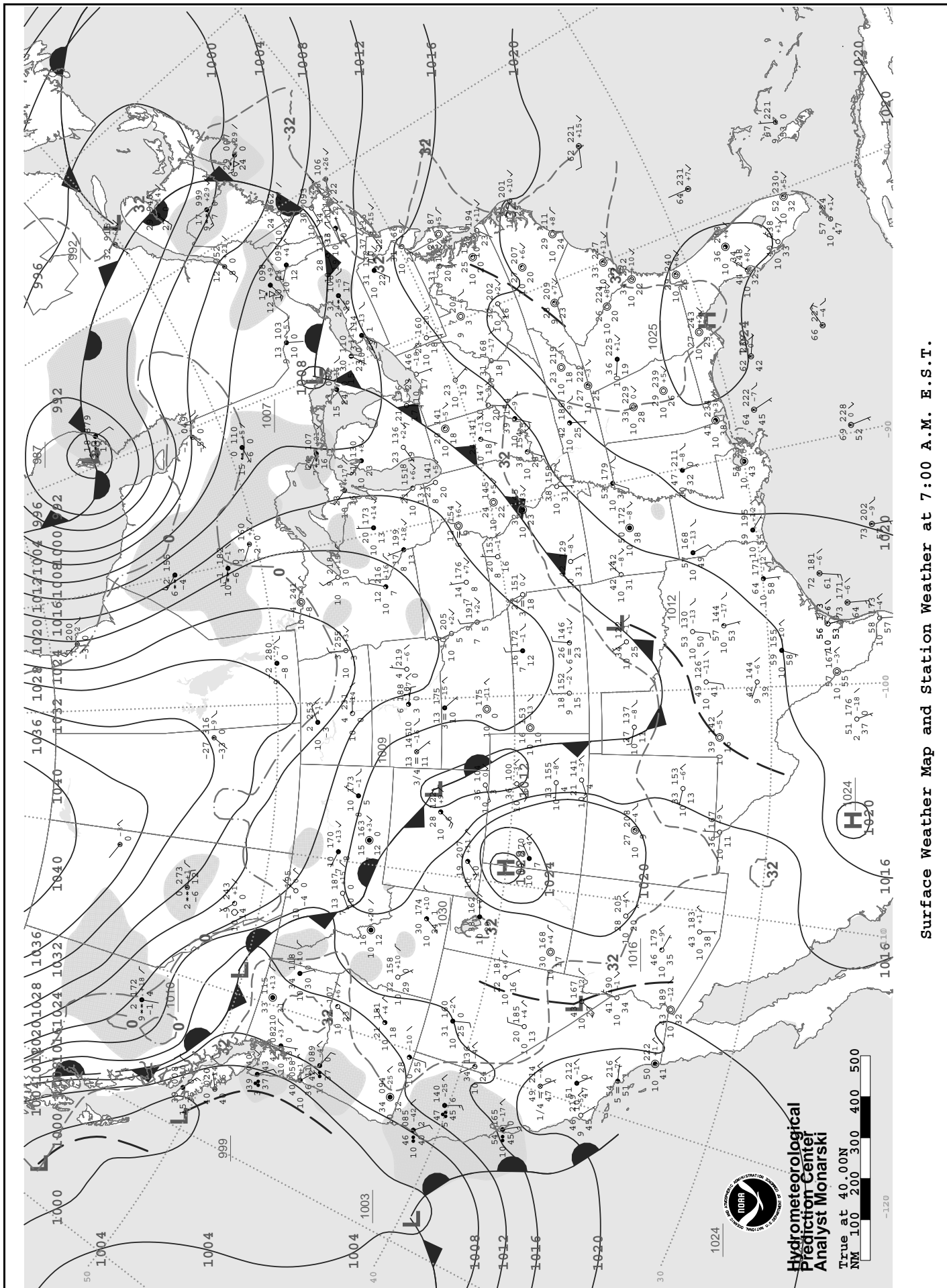


24-hour Precipitation Areas and Amounts Ending 7:00 A.M. E.S.T.

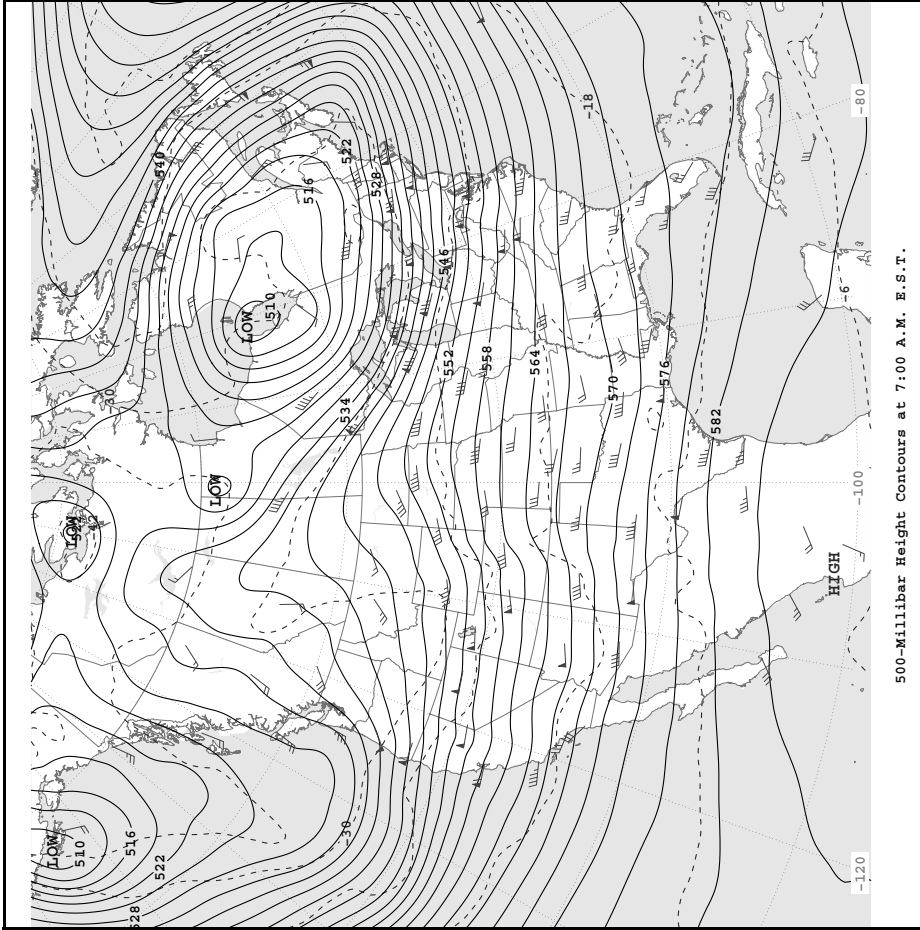
Wind Direction	dd	Wind Speed	Long Feather - 10 knots Short Feather - 5 knots
Current Temperature (in °F)	TT	PPP	3-Digit Surface Pressure (in tenths). Ex: 989 = 998.9mb, 012 = 1001.2mb
Visibility (in miles)	V	●	3 Hour Pressure Tendency (in tenths)
Present Weather Symbol	TTD	RR	6 Hour Total Precipitation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

Station Model

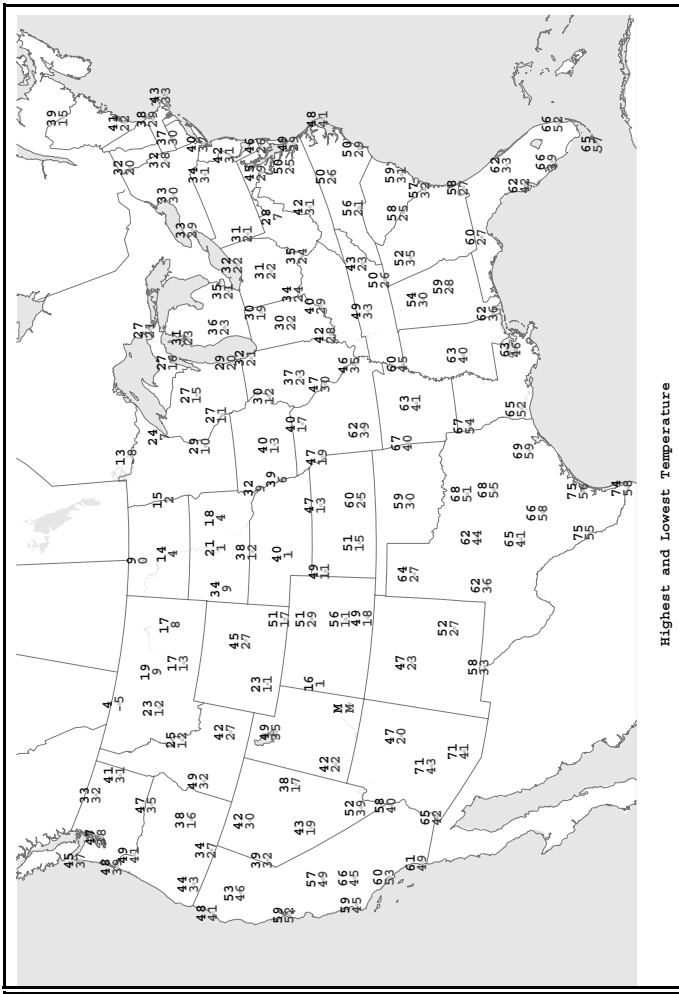
SATURDAY, DECEMBER 22, 2012



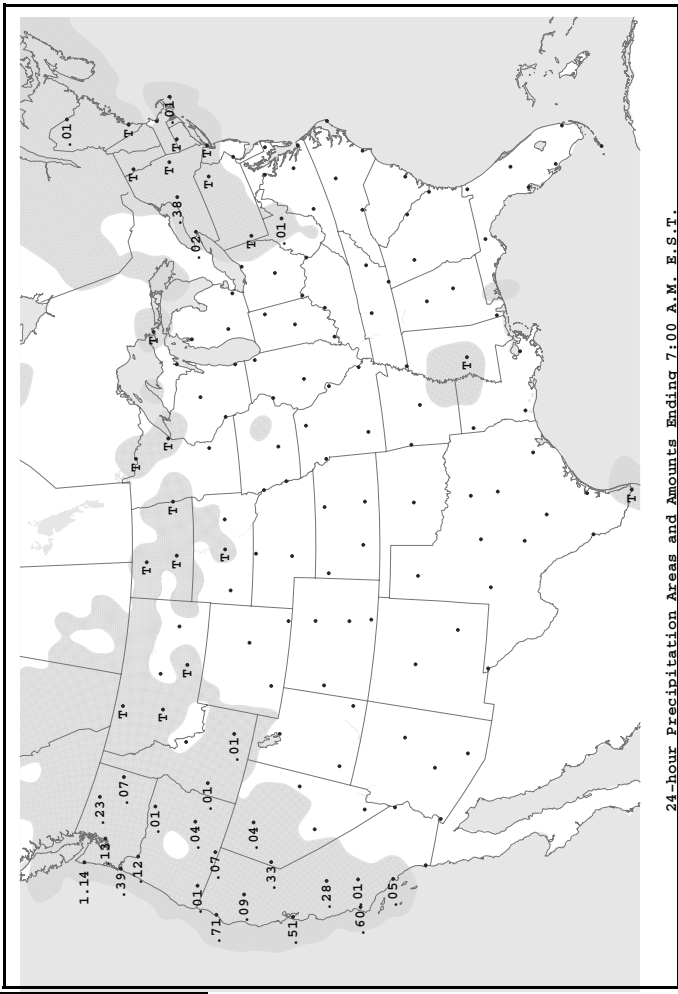
Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.



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.

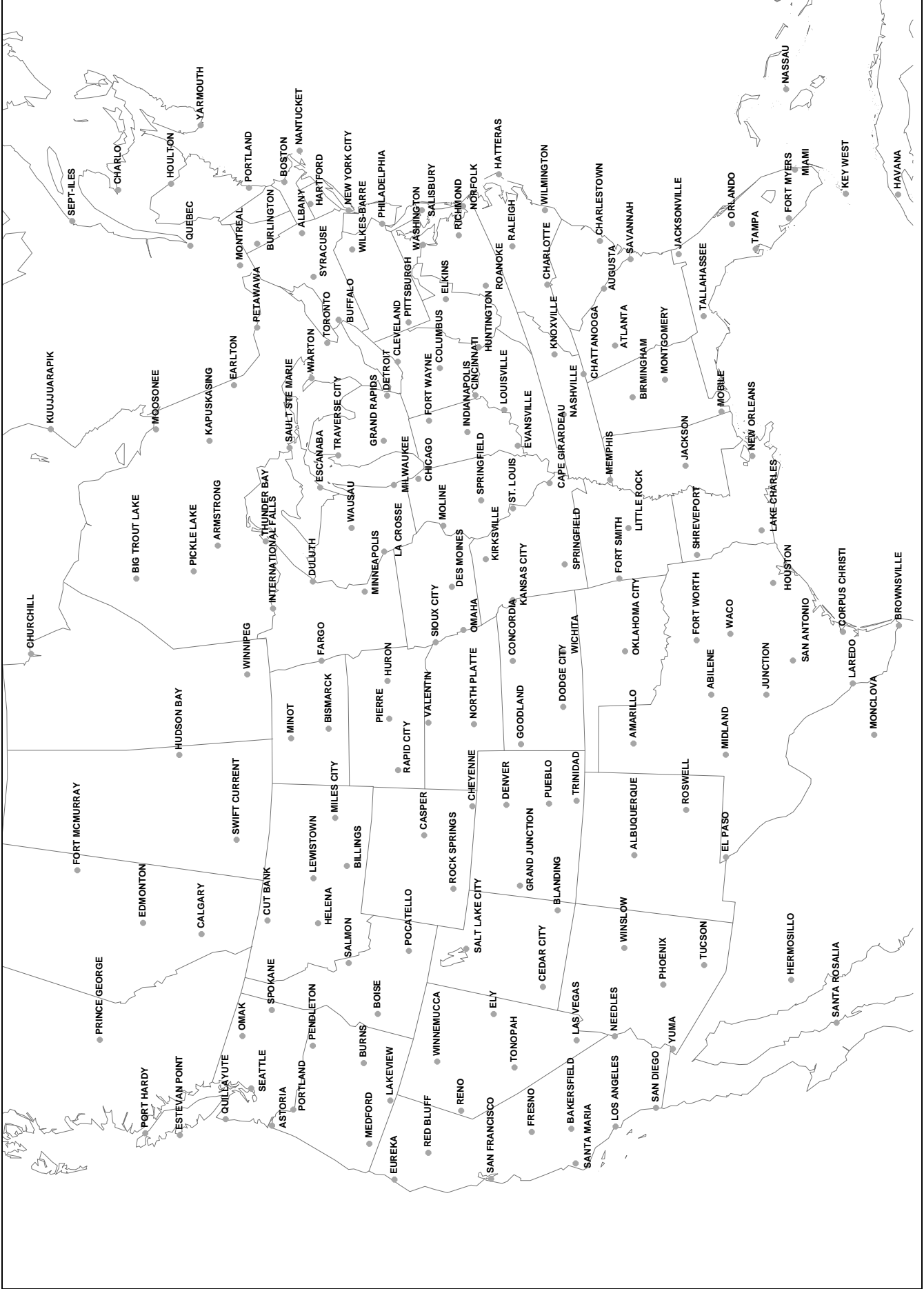
Station Model

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

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

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

SUNDAY, DECEMBER 23, 2012



Daily Weather Map Station Names and Locations