



# Daily Weather Maps

**JULY 29, 2013 - AUGUST 4, 2013**

**Week 31**

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.

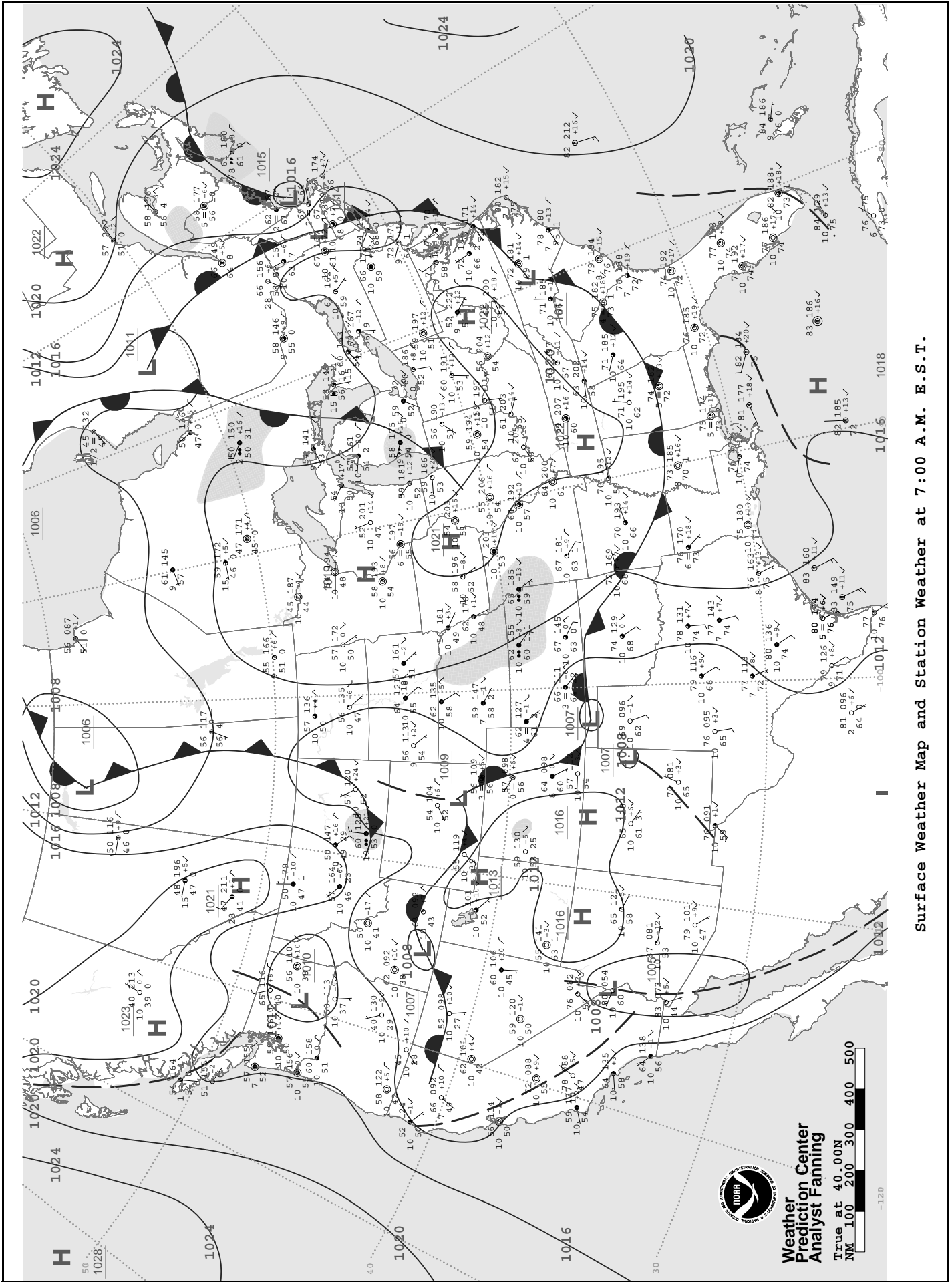
The Precipitation Areas and Amounts chart shows areas (shaded) that had precipitation during the 24 hours ending at 7:00 a.m. EST, with amounts to the nearest hundredth of an inch. "T" indicates a trace of precipitation.

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](http://www.wpc.ncep.noaa.gov/dwm/dwm.shtml).

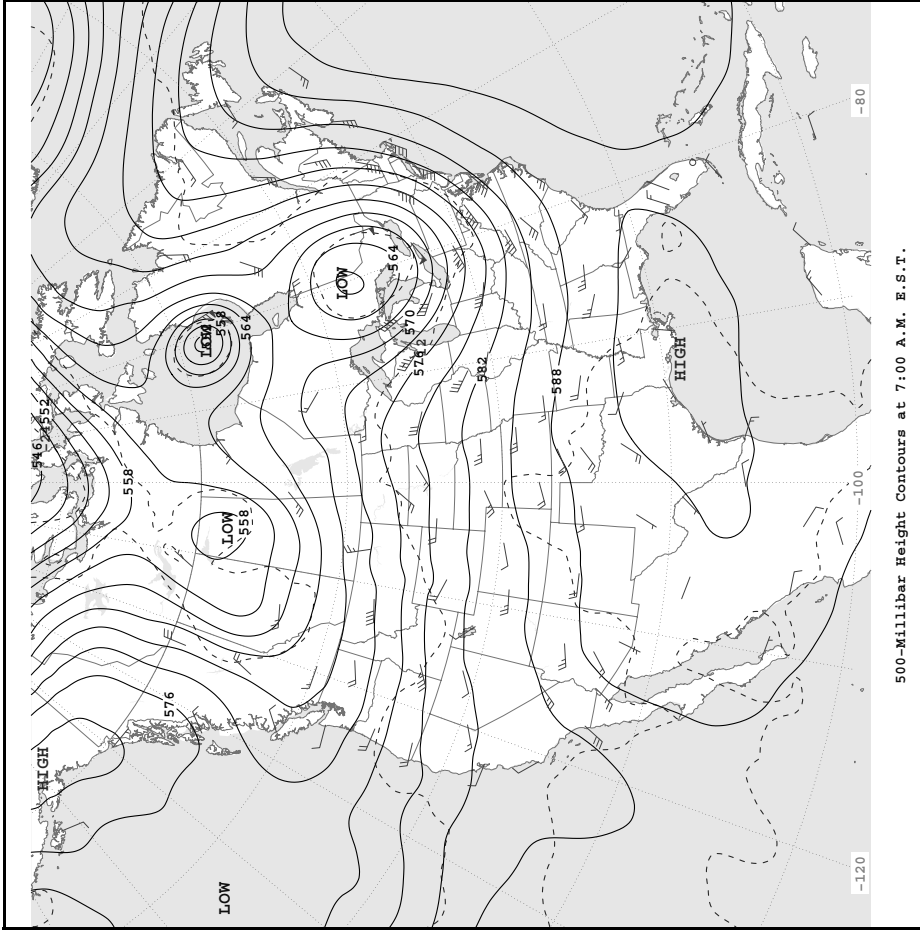
Current HPC products are available online at [www.wpc.ncep.noaa.gov](http://www.wpc.ncep.noaa.gov)



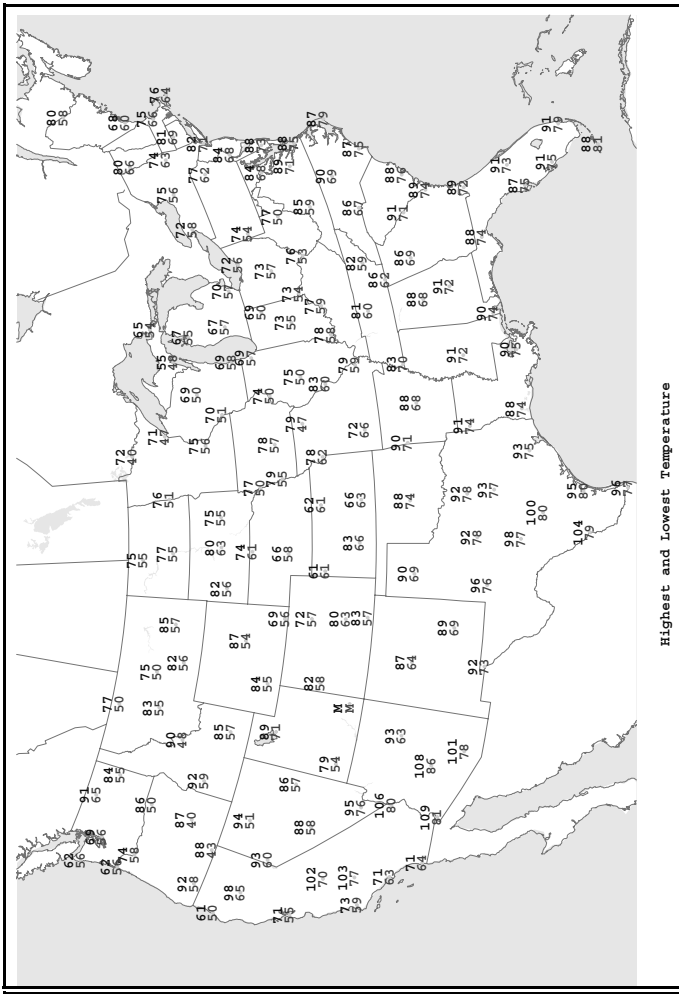
Weather Prediction Center  
Analyst Fanning

True at 40.00N  
NM 100 200 300 400 500

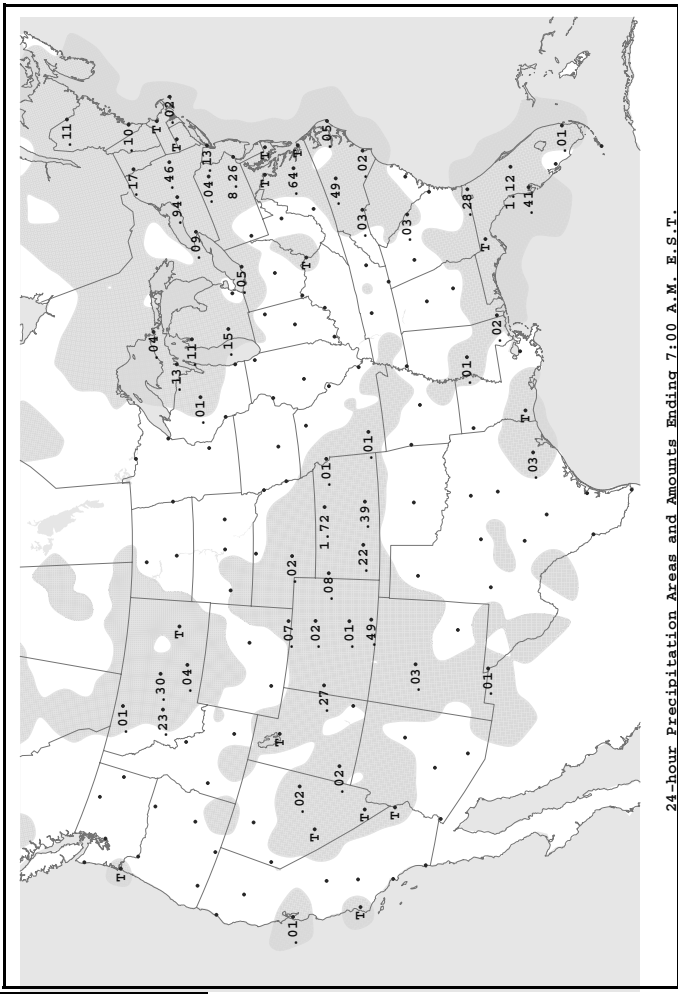
Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.



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



Highest and Lowest Temperature

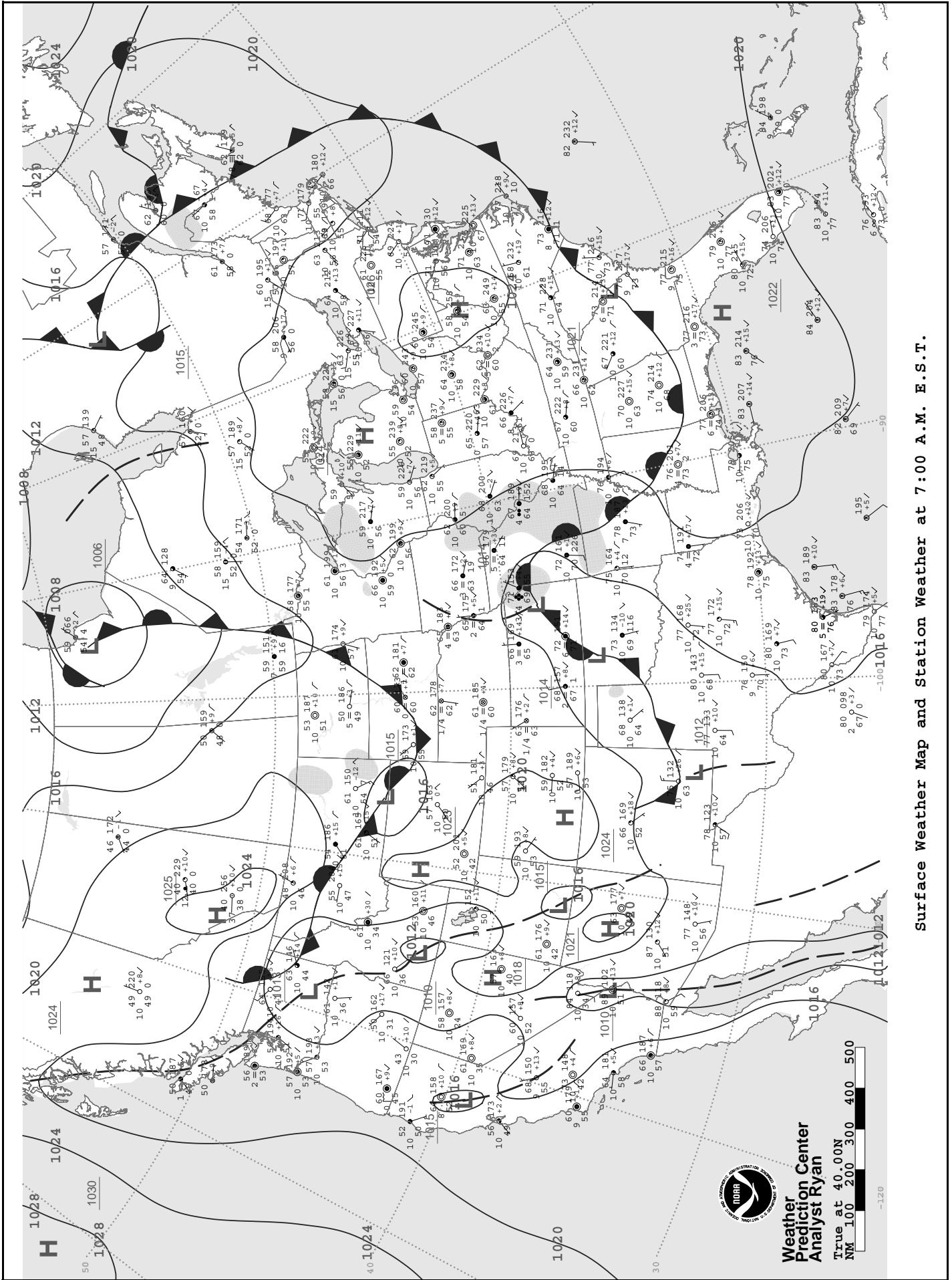


24-hour Precipitation Areas and Amounts Ending 7:00 A.M. E.S.T.

**Station Model**

Wind Direction ——— Wind Speed  
 Long Feather - 10 knots  
 Short Feather - 5 knots  
 Current Temperature (in °F) — dd — ft  
 Visibility (in miles) — TT — PPP  
 Present Weather Symbol — V — WW — PP a  
 Dew Point Temperature — TD — RR  
 Sky Cover ———  
 3-Digit Surface Pressure (in tenths). Ex: 999 = 998.9mb, 012 = 1001.2mb  
 3 Hour Pressure Tendency (in tenths)  
 6 Hour Total Precipitation (in hundredths of an inch)

# MONDAY, JULY 29, 2013



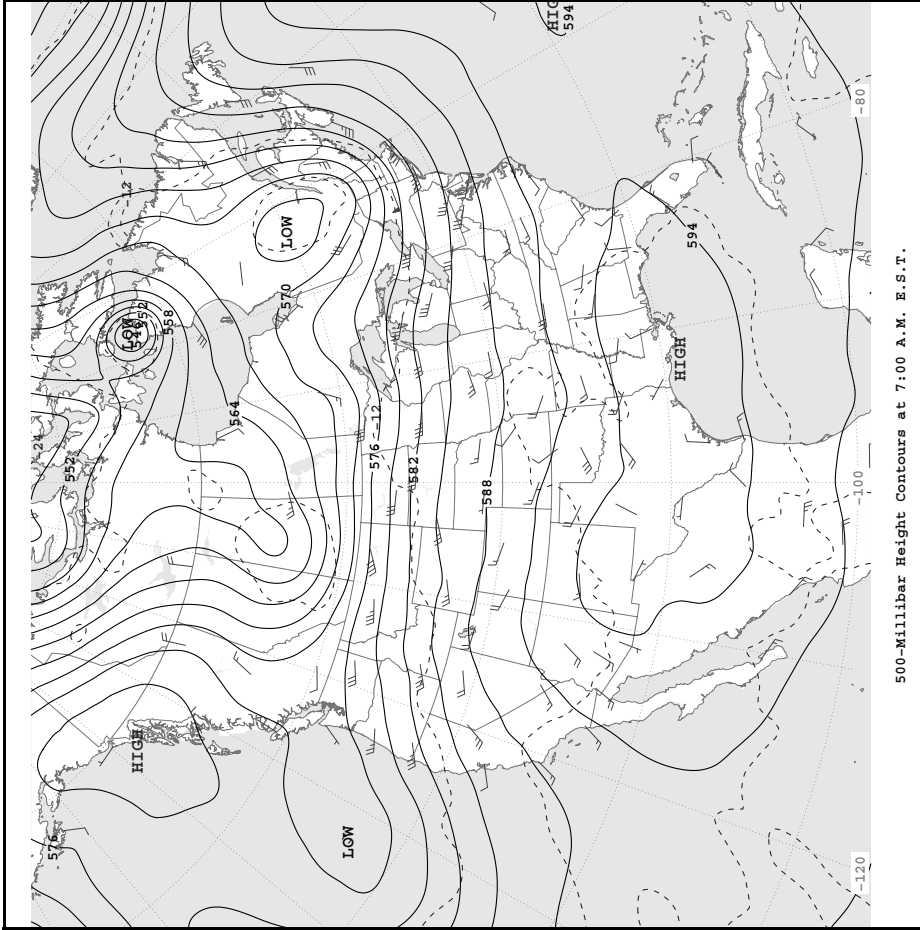
Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.

Weather Prediction Center  
Analyst Ryan

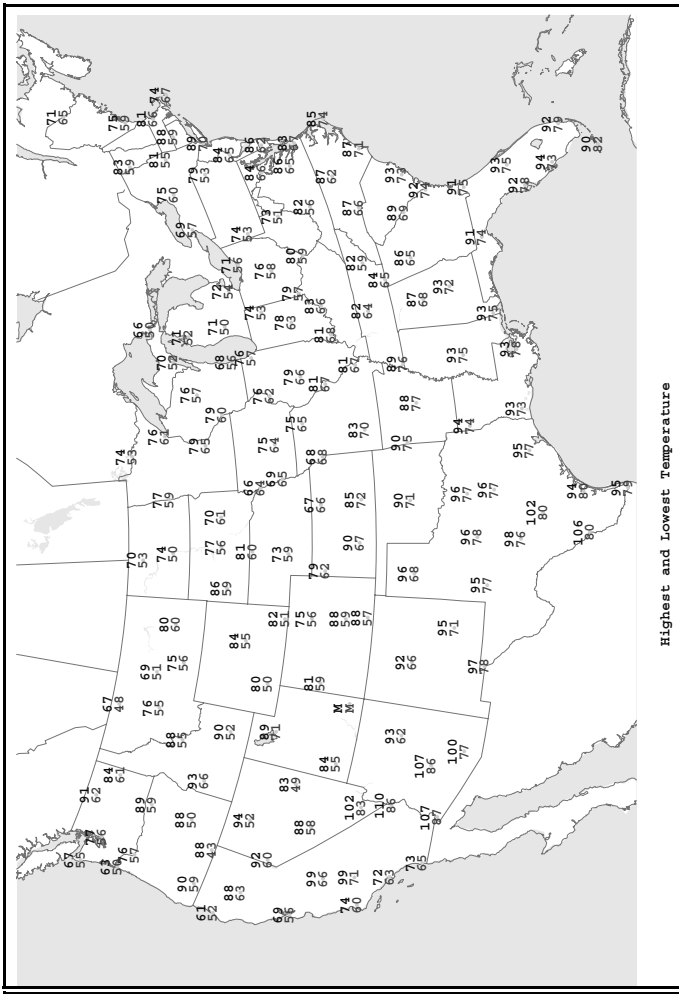
True at 40.00N  
NM 100 200 300 400 500



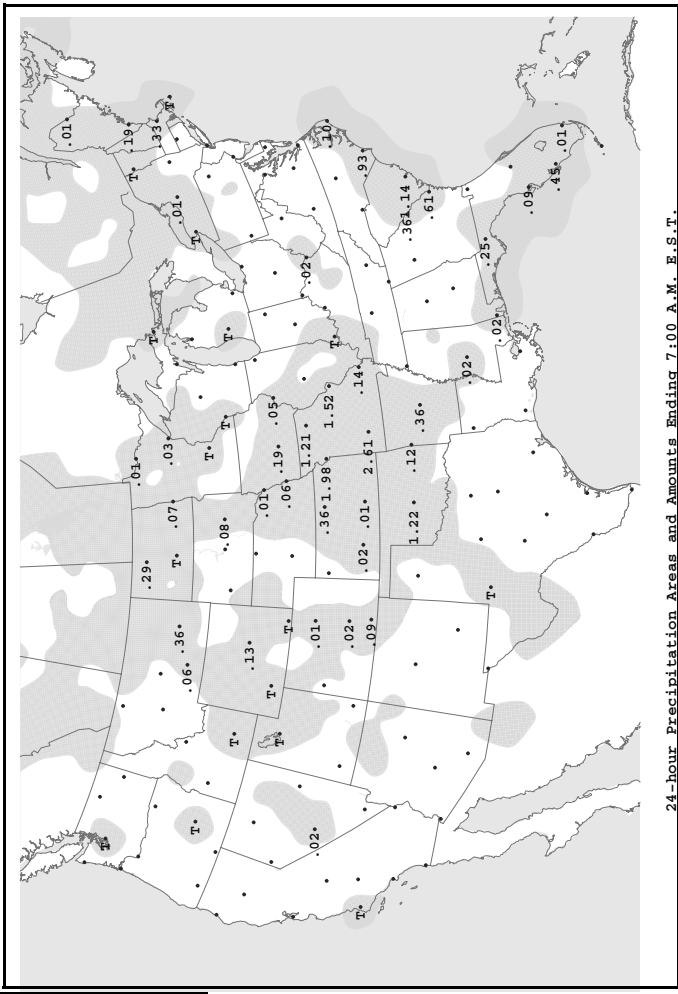




500-millibar Height Contours at 7:00 A.M. E.S.T.



Highest and Lowest Temperature

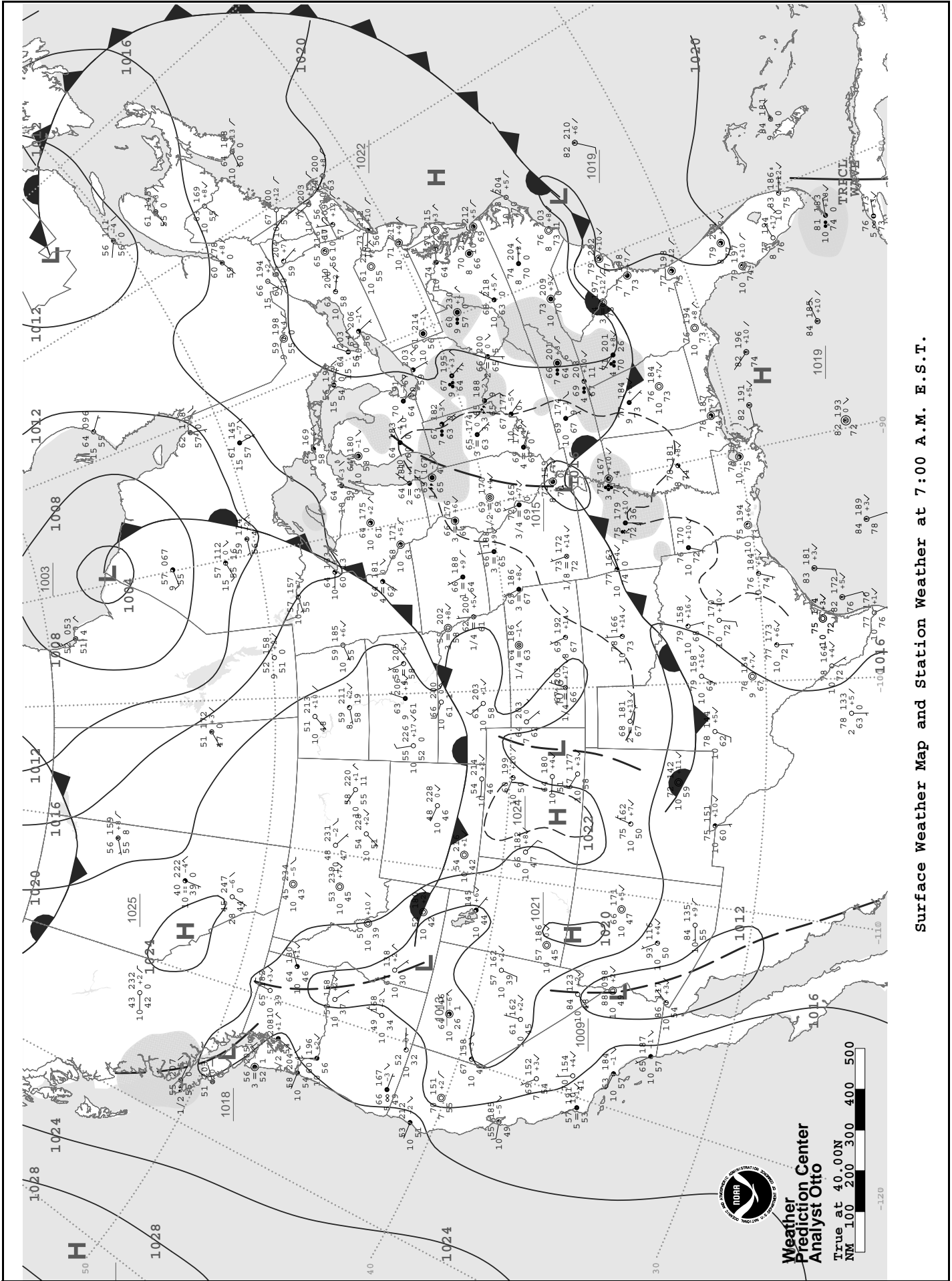


24-hour Precipitation Areas and Amounts Ending 7:00 A.M. E.S.T.

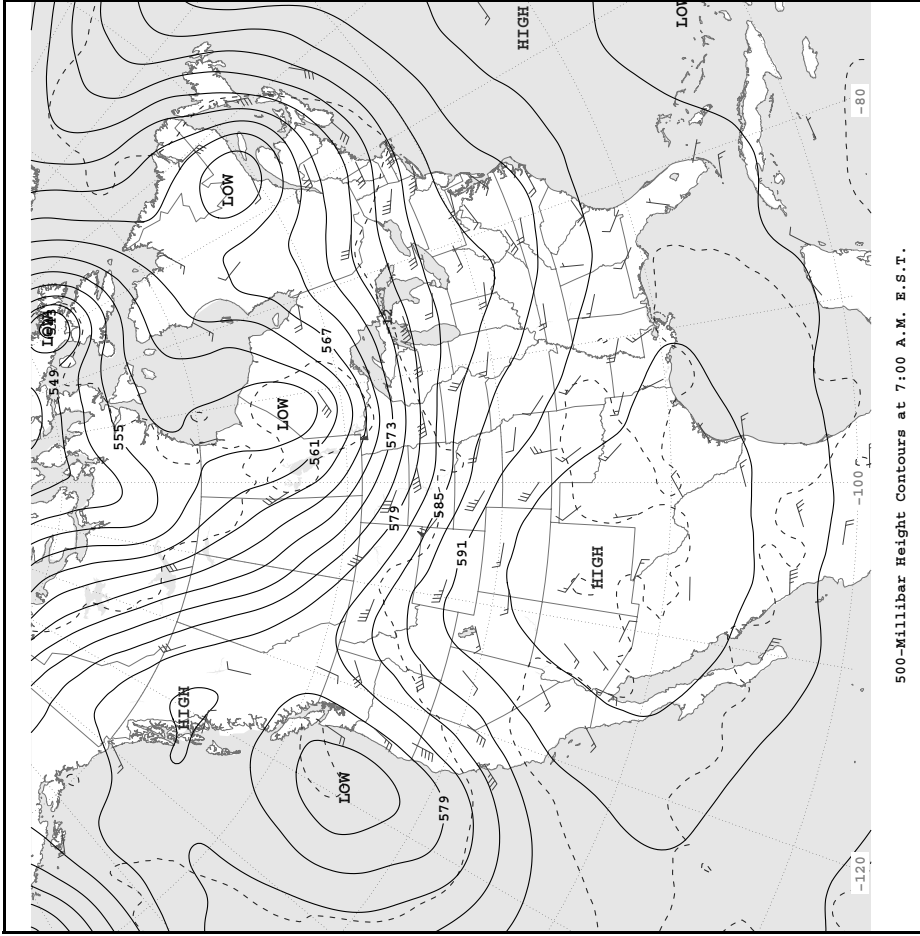
Wind Direction	Wind Speed	
Current Temperature (in °F)	Long Feather - 10 knots	ft
Visibility (in miles)	Short Feather - 5 knots	
	3-Digit Surface Pressure (in tenths). Ex: 989 = 998.9mb, 012 = 1001.2mb	PPP
Present Weather Symbol	3 Hour Pressure Tendency (in tenths)	PP a
Dew Point Temperature	6 Hour Total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

**Station Model**

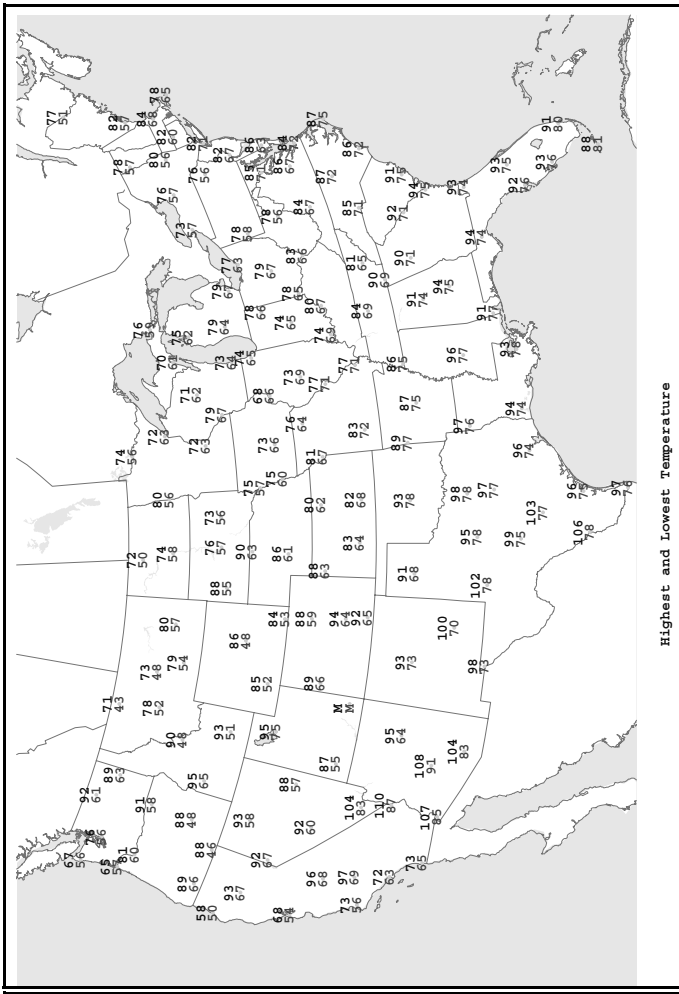
# TUESDAY, JULY 30, 2013



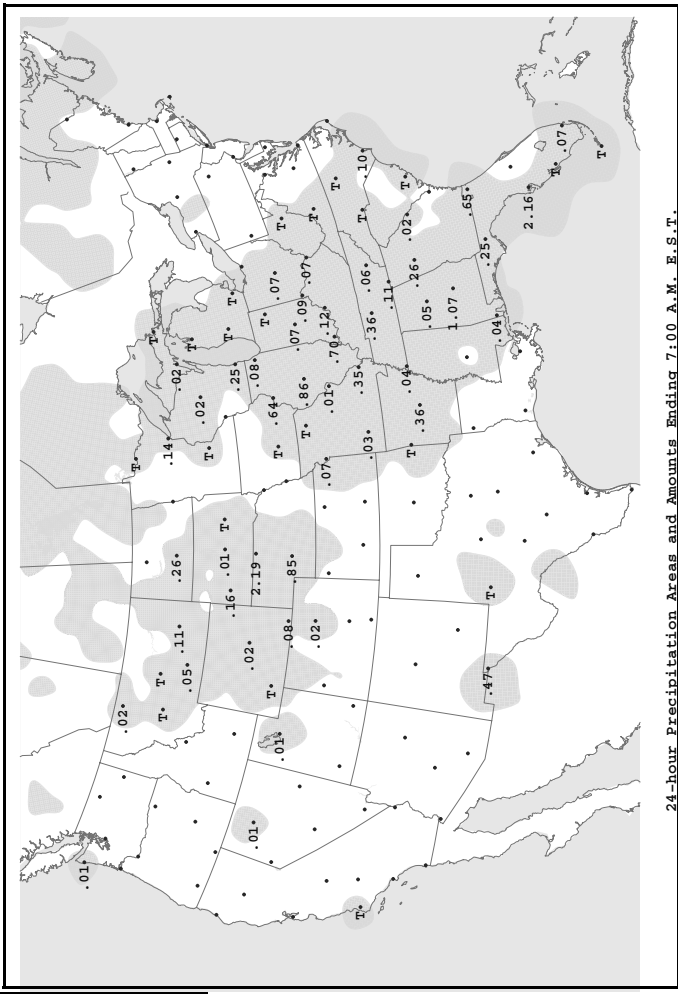
Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.



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: **W** (Long Feather - 10 knots, Short Feather - 5 knots)

Current Temperature (in °F): **55** (Long Feather - 10 knots, Short Feather - 5 knots)

Visibility (in miles): **10** (3-Digit Surface Pressure (in tenths). Ex: 989 = 998.9mb, 012 = 1001.2mb)

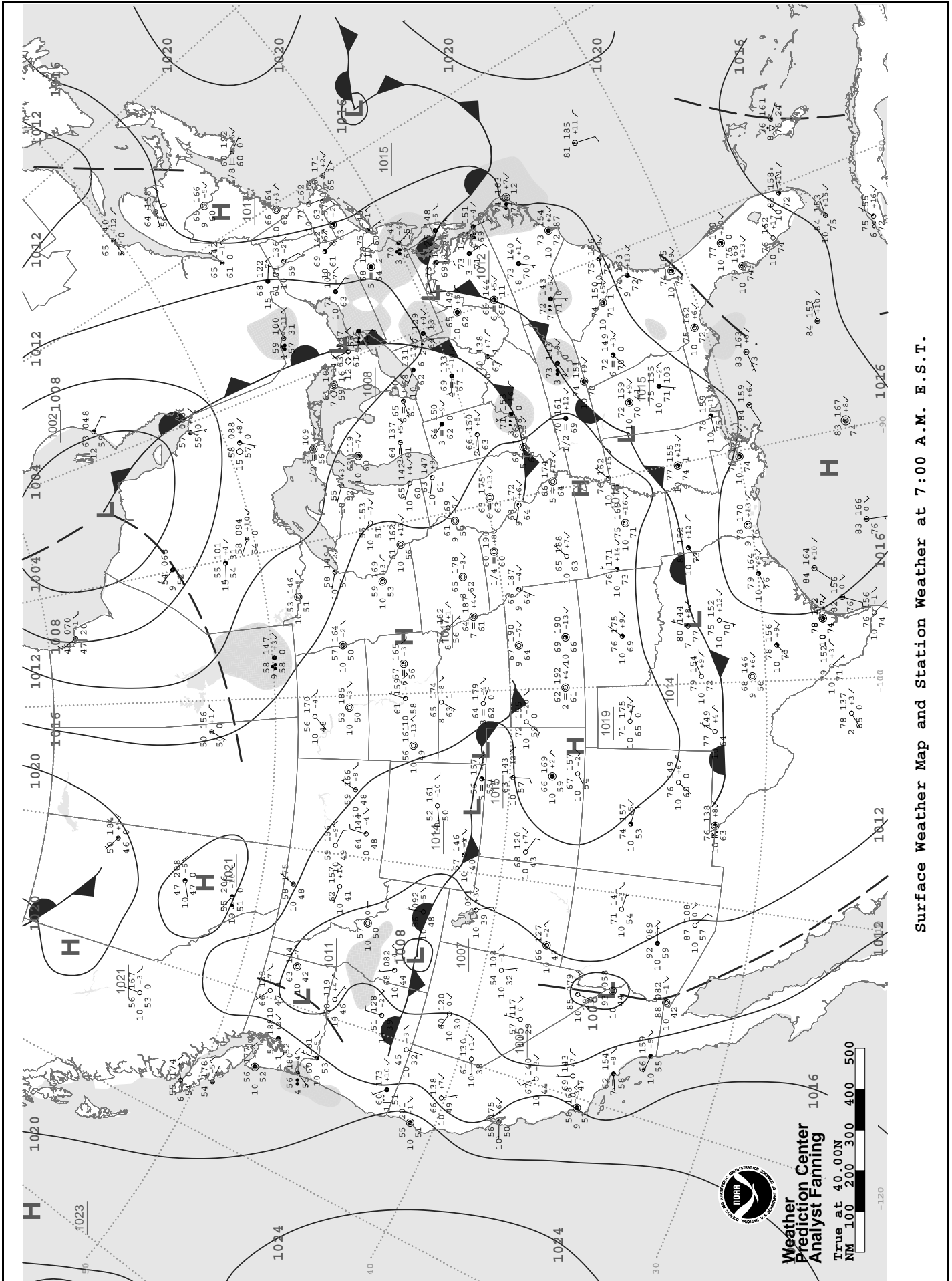
Present Weather Symbol: **RA** (3 Hour Pressure Tendency (in tenths))

Dew Point Temperature: **45** (6 Hour Total Precipitation (in hundredths of an inch))

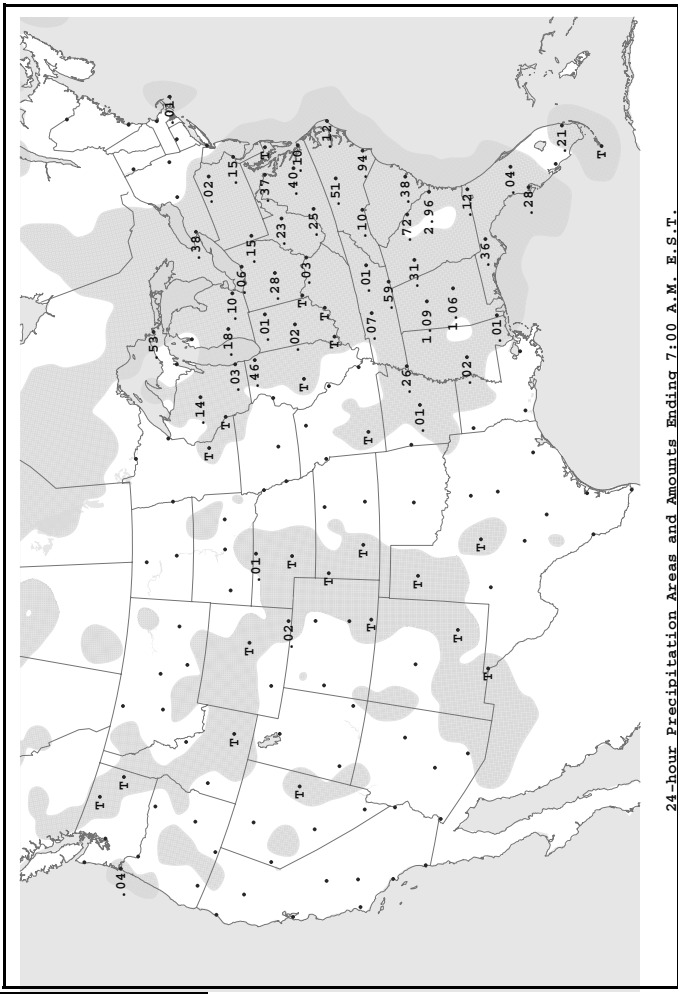
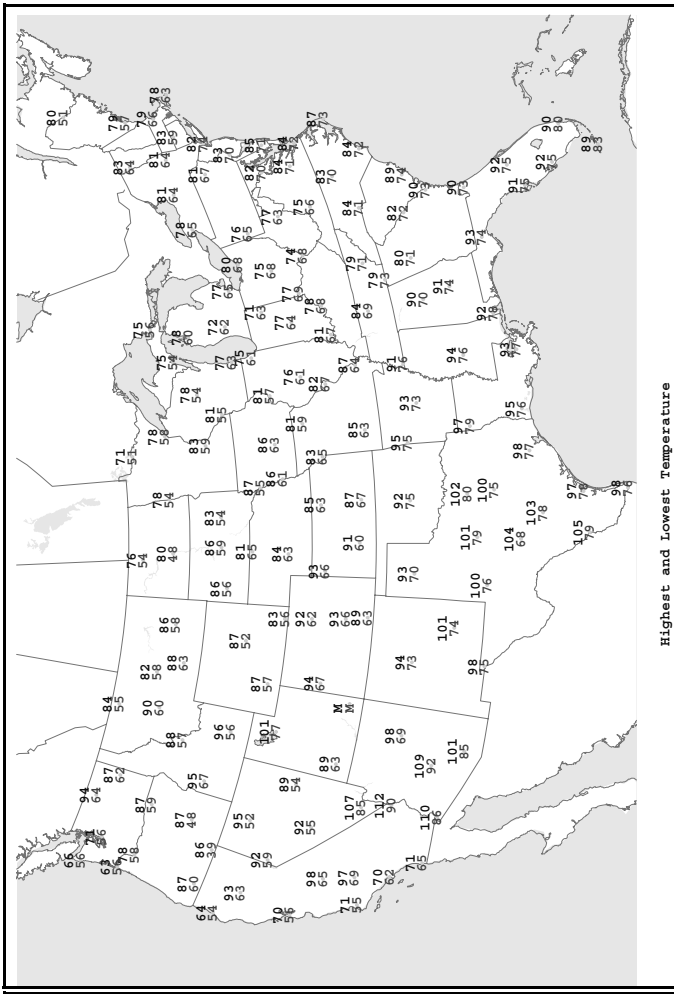
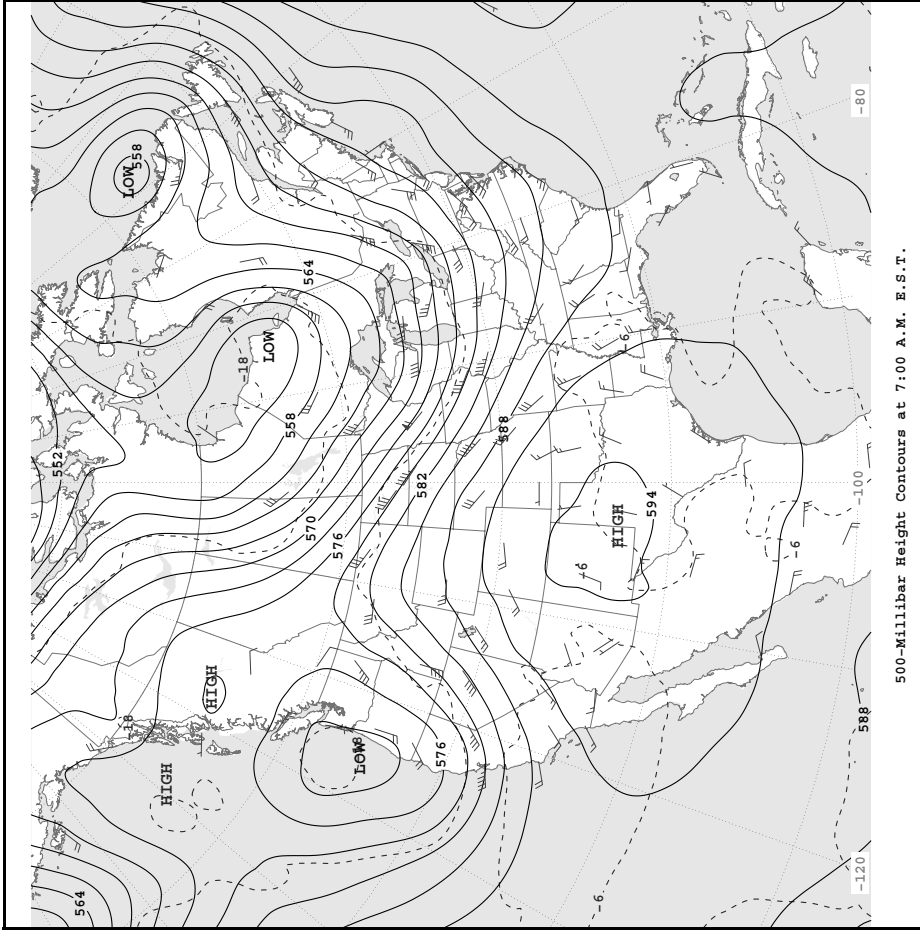
Sky Cover: **05**

# WEDNESDAY, JULY 31, 2013

THURSDAY, AUGUST 1, 2013



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



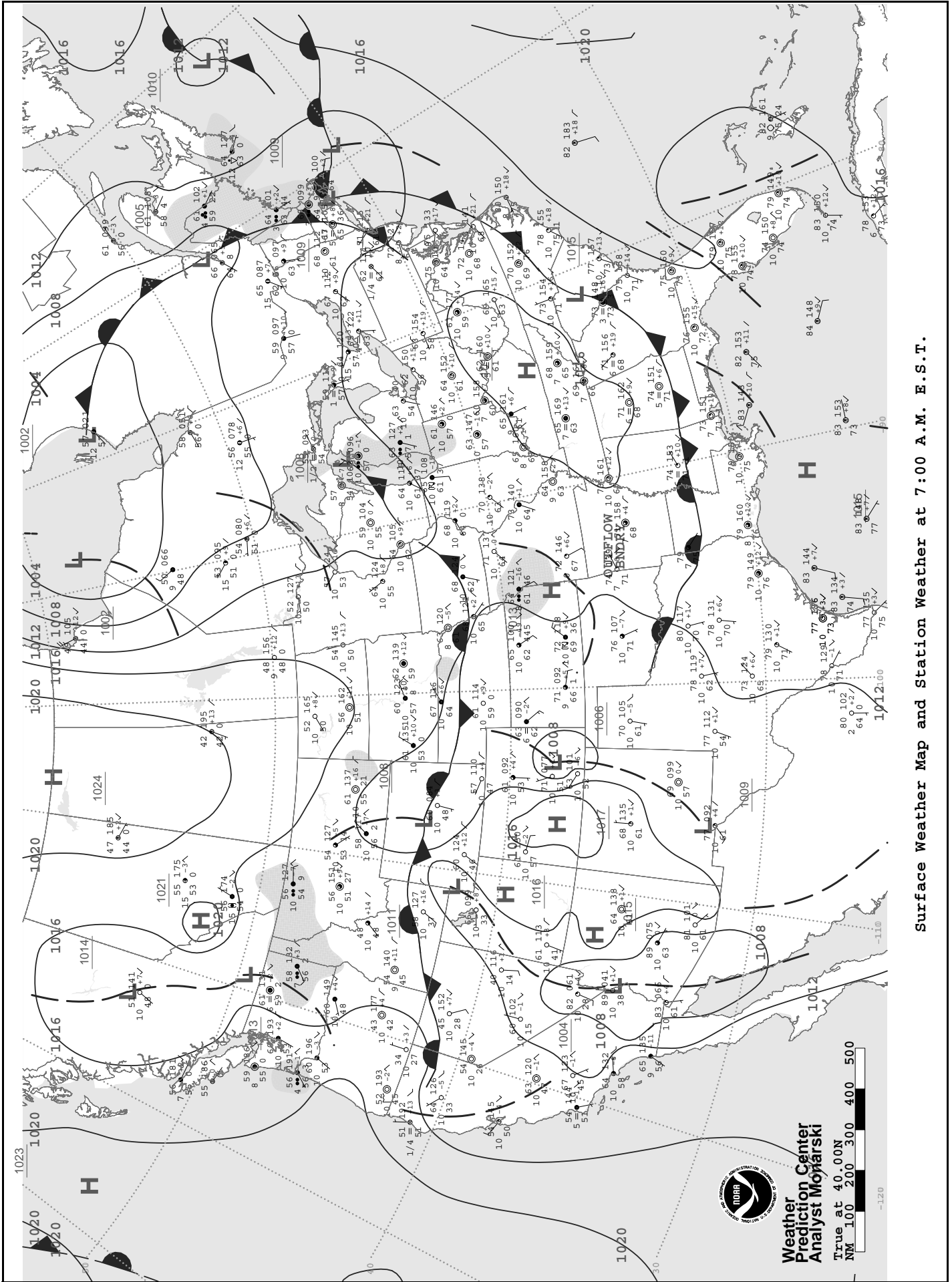
**Station Model**

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

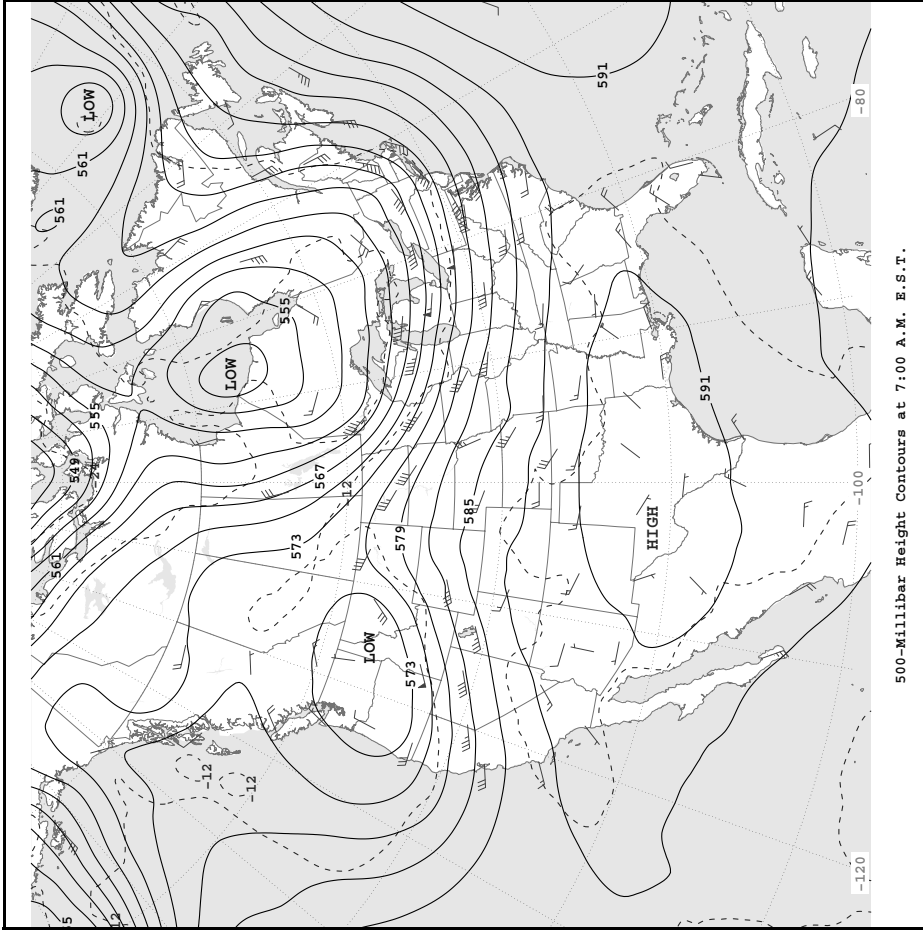
Current Temperature (in °F) ——— dd ——— ft  
 Visibility (in miles) ——— TT ——— PPP ——— 3-Digit Surface Pressure (in tenths). Ex: 989 = 998.9mb, 012 = 1001.2mb

Present Weather Symbol ——— V ——— 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 ———

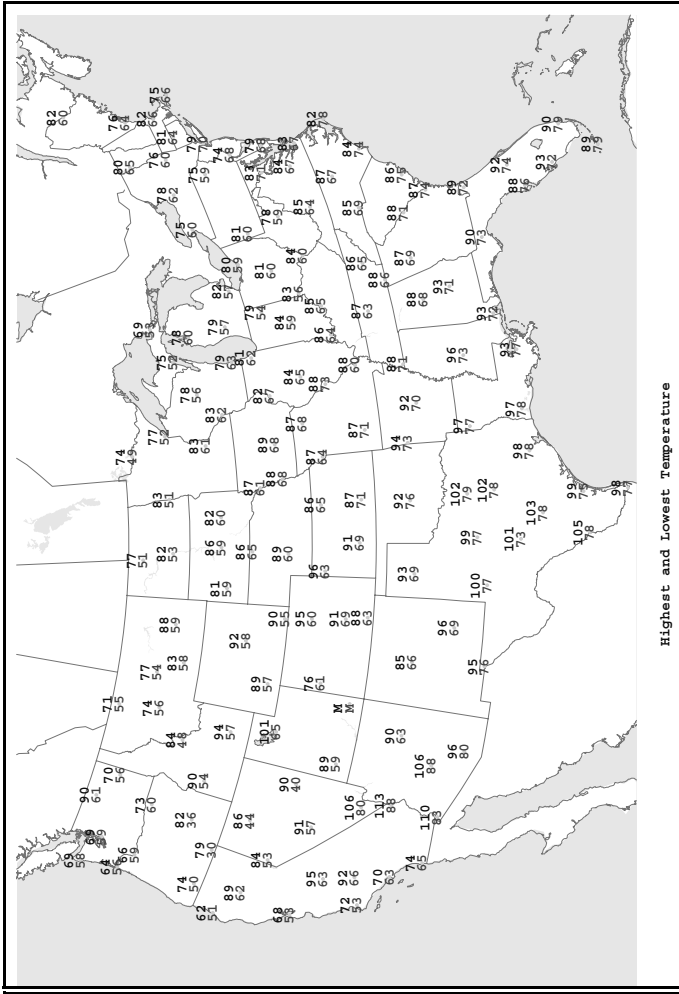
# THURSDAY, AUGUST 1, 2013



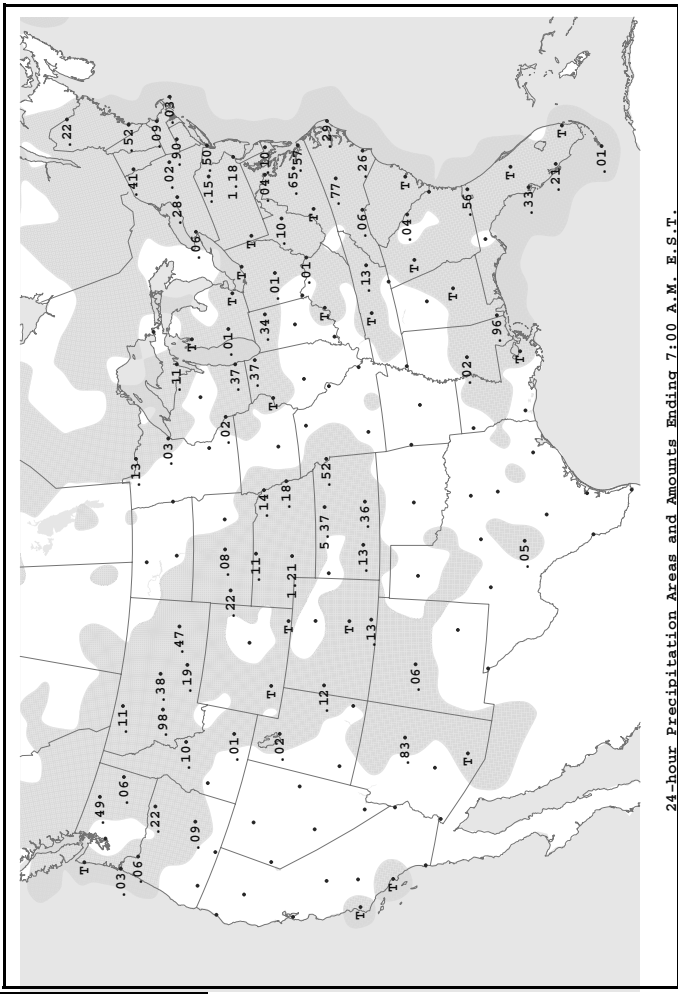
Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.



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



Highest and Lowest Temperature



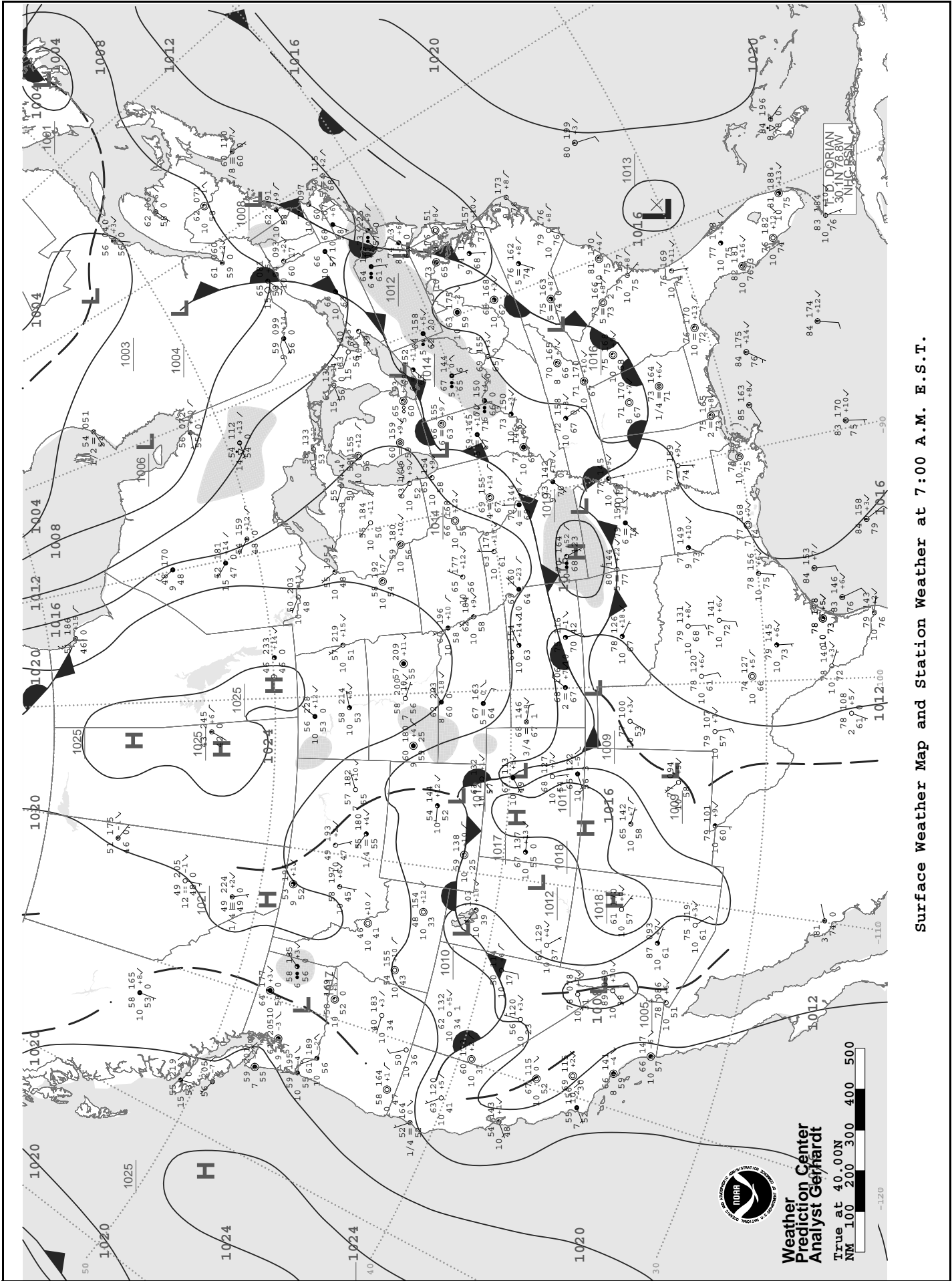
24-hour Precipitation Areas and Amounts Ending 7:00 A.M. E.S.T.

**Station Model**

Wind Direction ——— Wind Speed  
 Long Feather - 10 knots  
 Short Feather - 5 knots  
 Current Temperature (in °F) — dd — ft  
 Visibility (in miles) — TT — 3-Digit Surface Pressure (in tenths). Ex: 999 = 998.9mb, 012 = 1001.2mb  
 Present Weather Symbol — V — WW — 3 Hour Pressure Tendency (in tenths)  
 Dew Point Temperature — TD — RR — 6 Hour Total Precipitation (in hundredths of an inch)  
 Sky Cover — Sky\_Cover

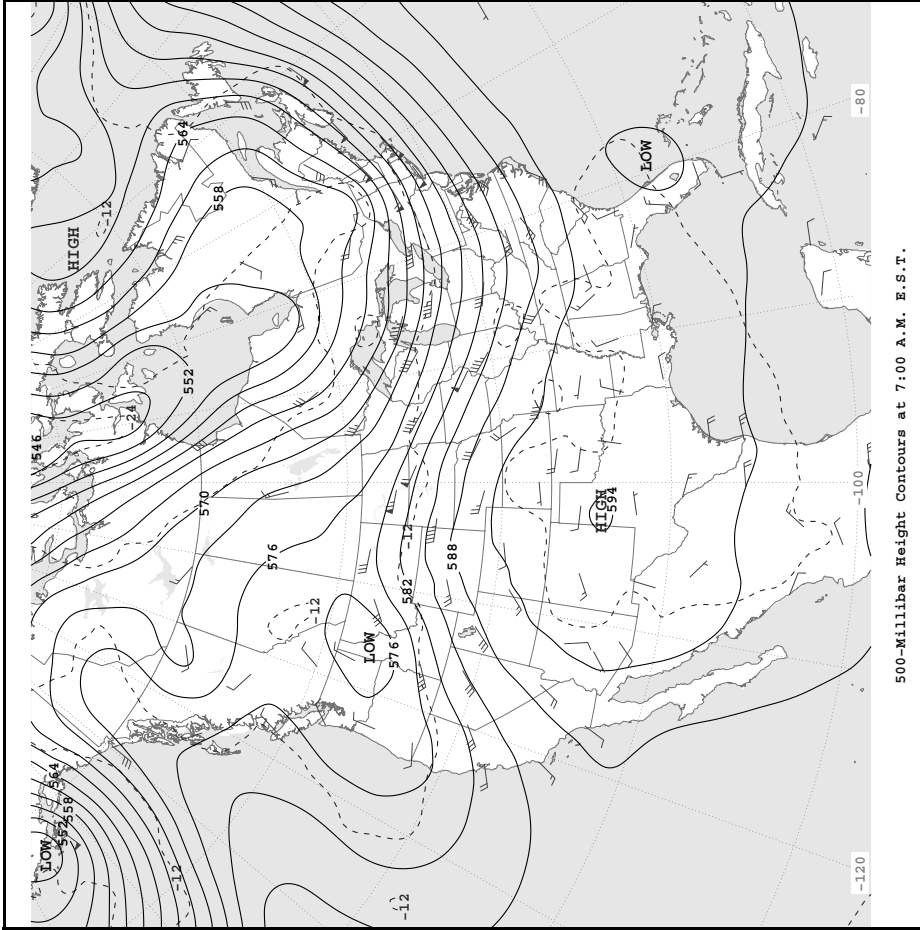
# FRIDAY, AUGUST 2, 2013



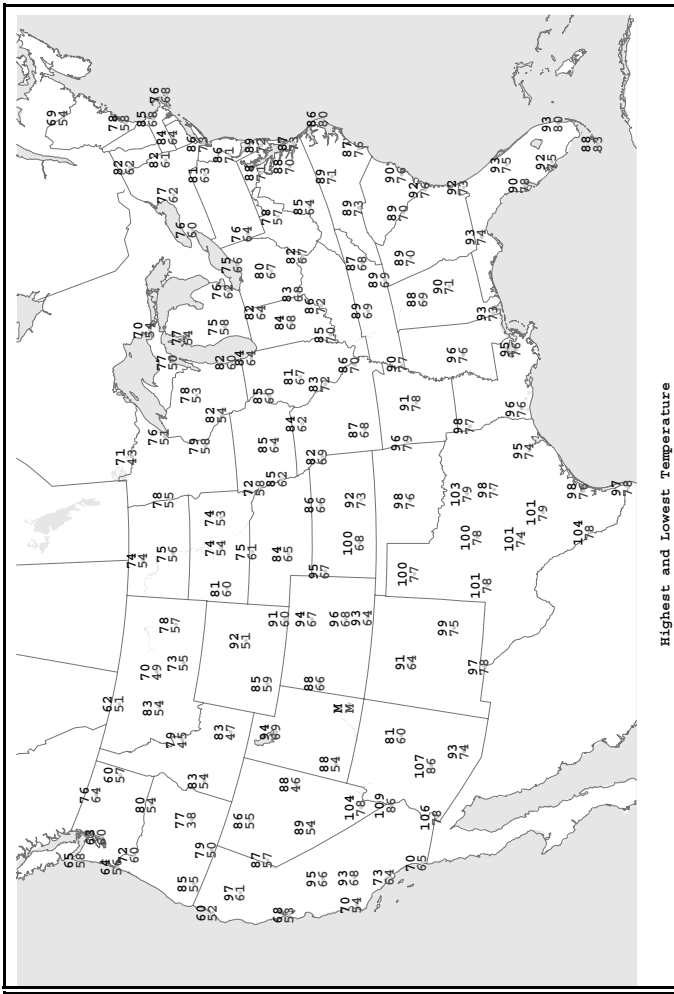


Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.

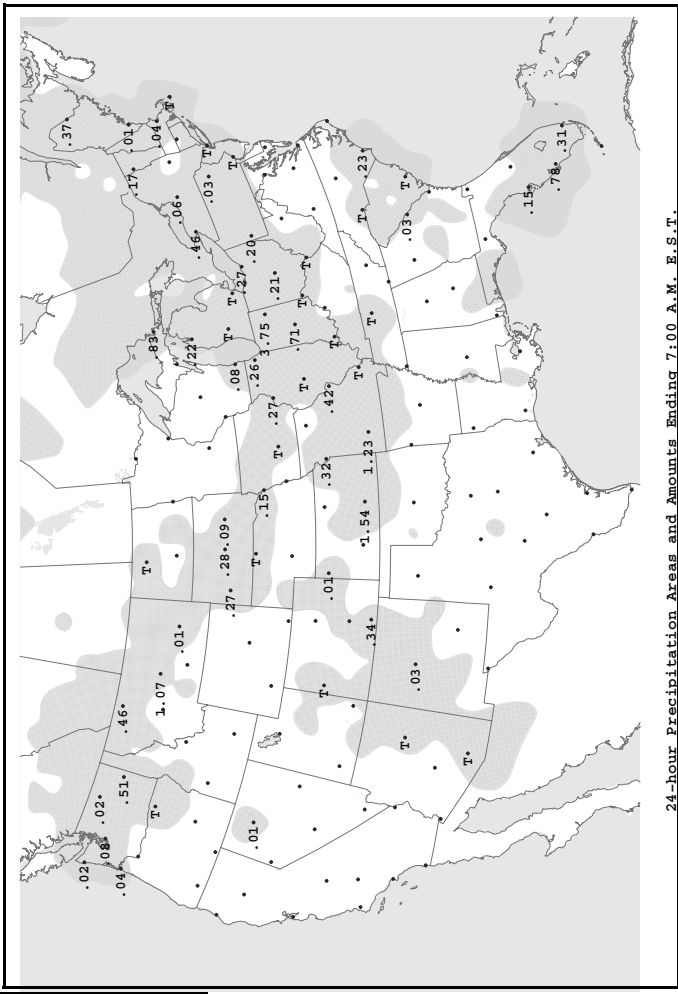




500-millibar Height Contours at 7:00 A.M. E.S.T.



Highest and Lowest Temperature

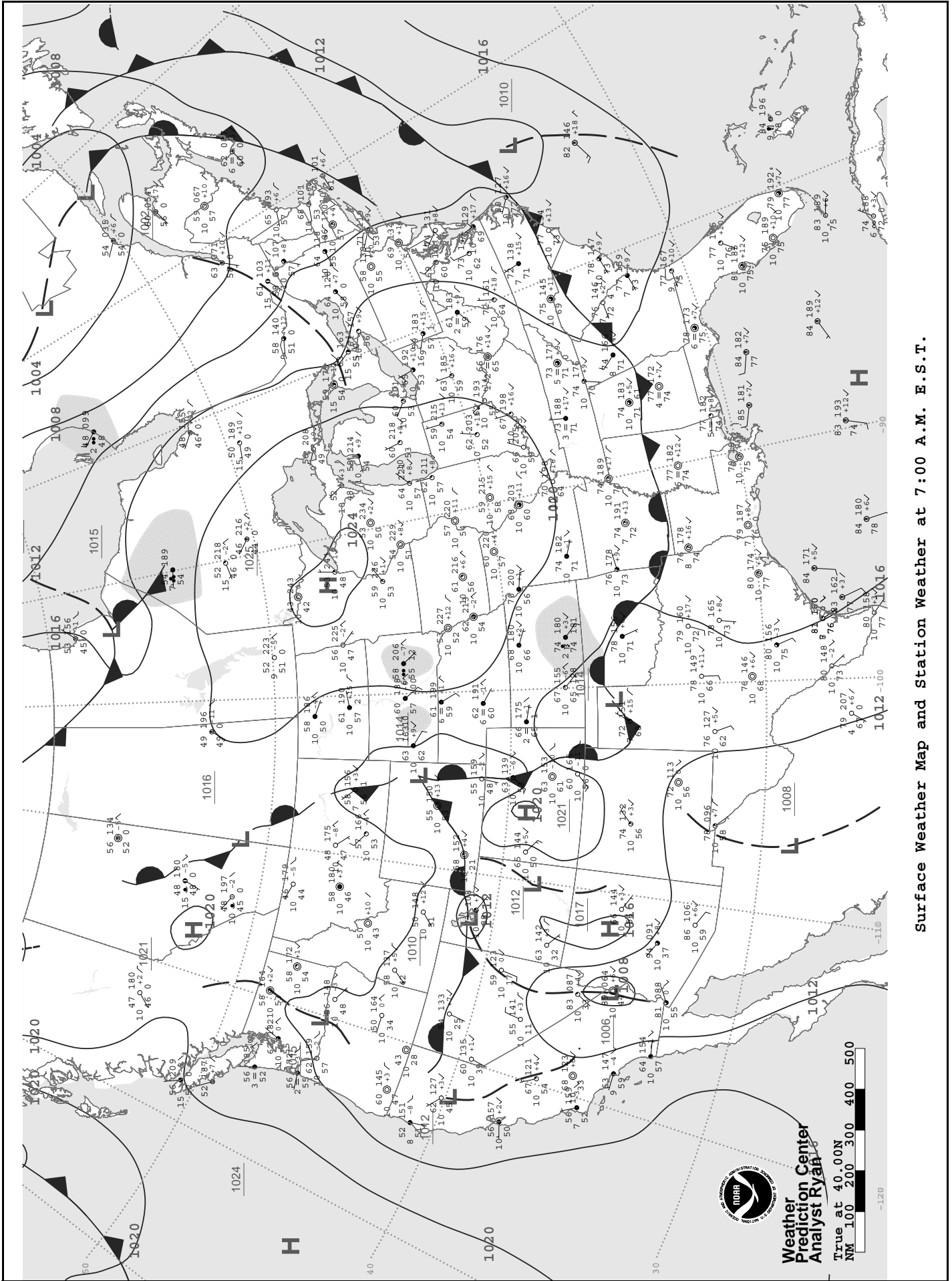


24-hour Precipitation Areas and Amounts Ending 7:00 A.M. E.S.T.

Wind Direction	Wind Speed	ft
Current Temperature (in °F)	Long Feather - 10 knots	F
Visibility (in miles)	Short Feather - 5 knots	
Present Weather Symbol	3-Digit Surface Pressure (in tenths). Ex: 999 = 998.9mb, 012 = 1001.2mb	PPP
Dew Point Temperature	3 Hour Pressure Tendency (in tenths)	PP a
Sky Cover	6 Hour Total Precipitation (in hundredths of an inch)	RR

**Station Model**

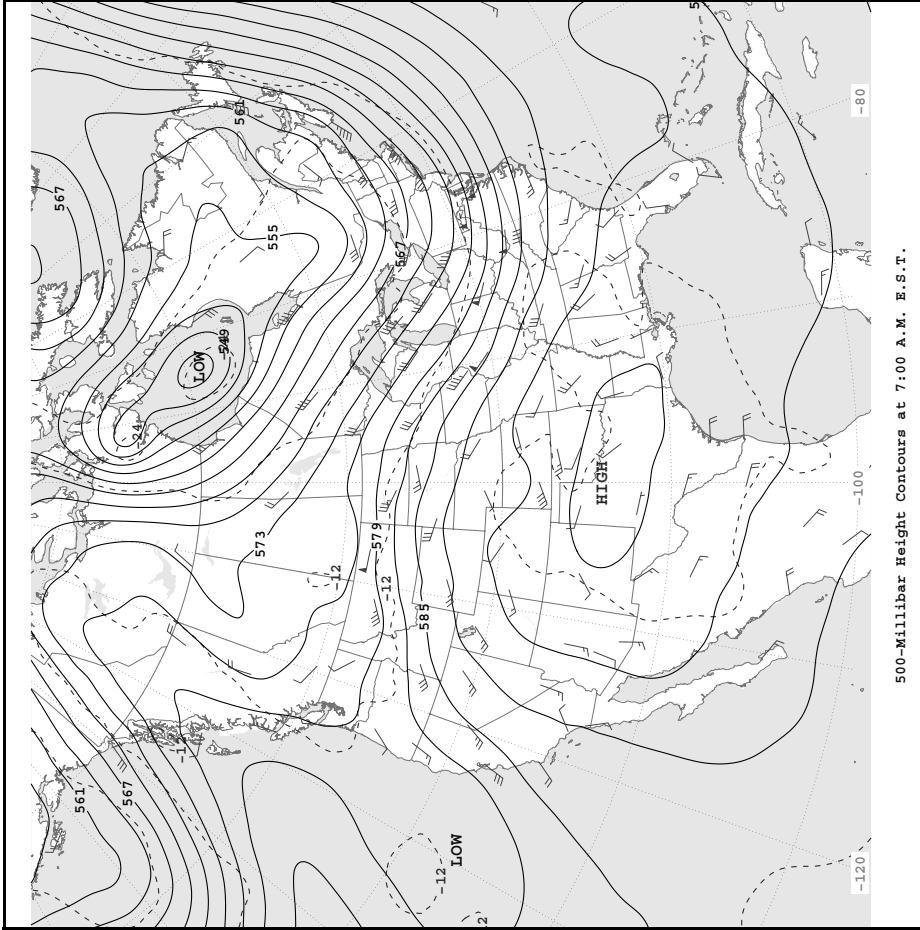
# SATURDAY, AUGUST 3, 2013



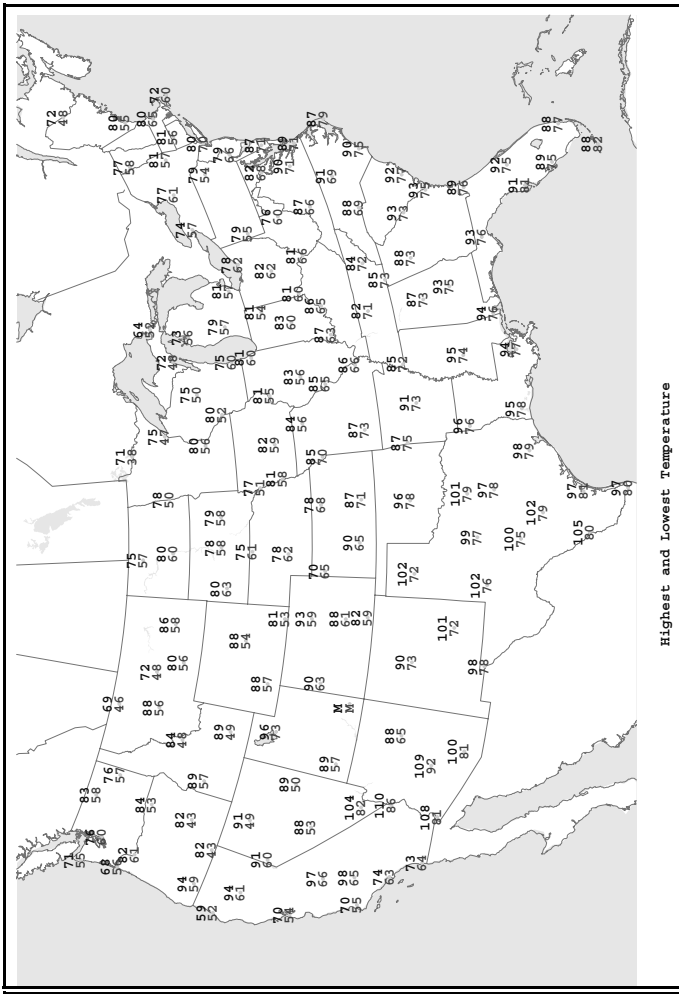
Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.

Weather Prediction Center  
Analyst Ryan

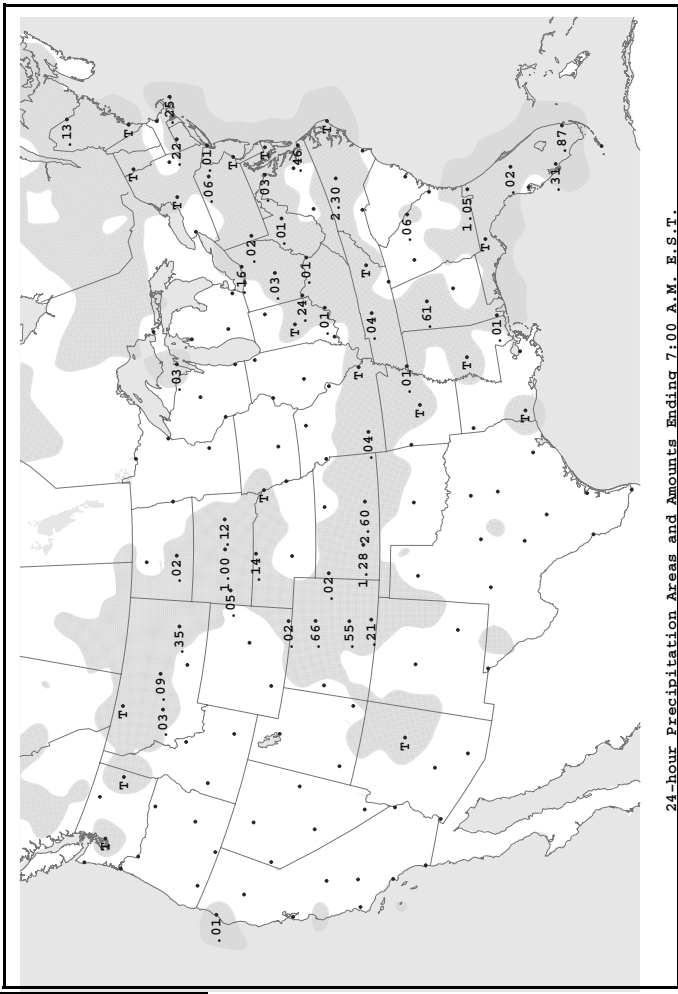
True at 40.00N  
NM 100 200 300 400 500



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

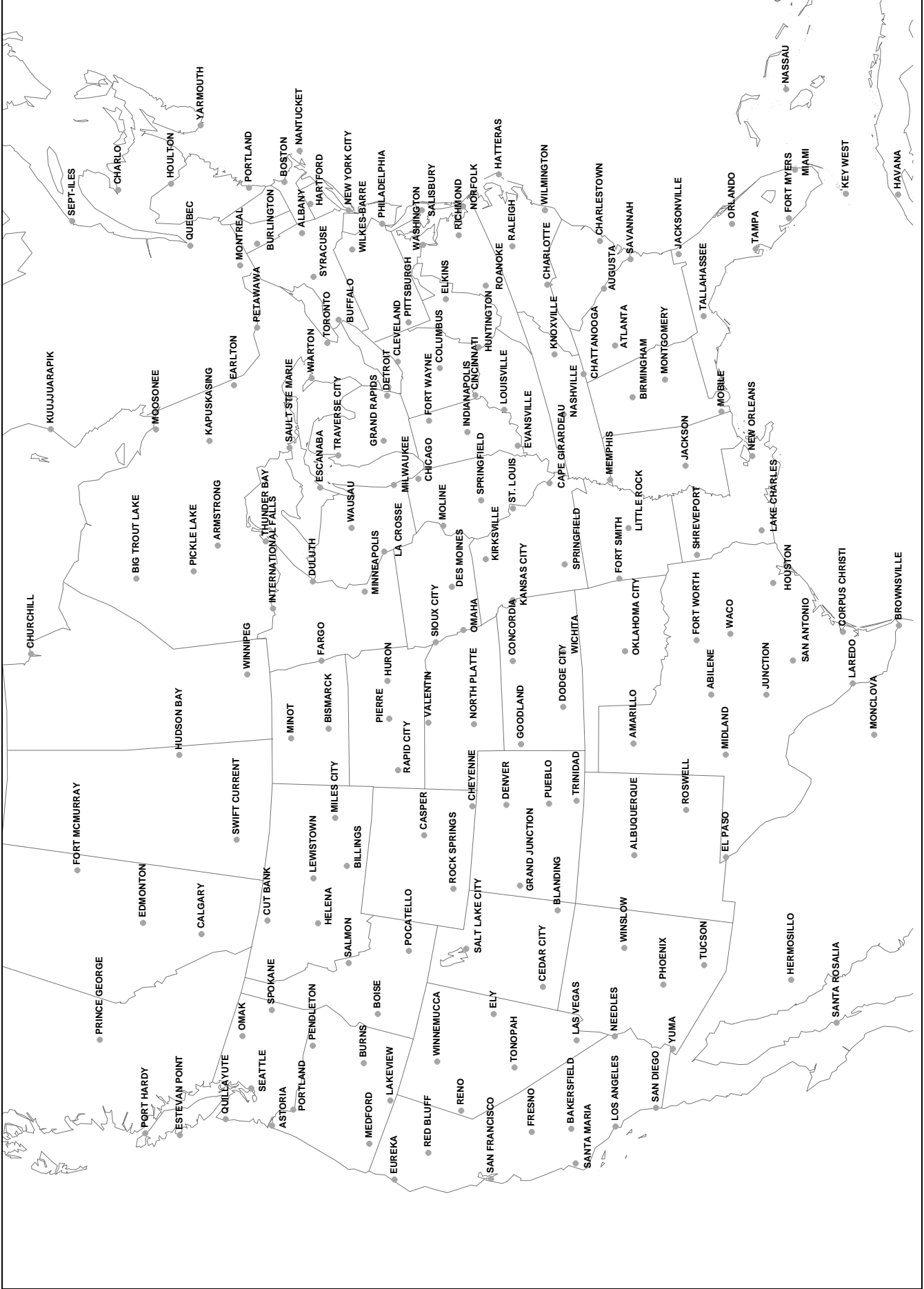
Current Temperature (in °F) — dd ——— ft

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 ———  
 6 Hour Total Precipitation (in hundredths of an inch) — RR ———  
 Sky Cover ———

# SUNDAY, AUGUST 4, 2013



**Daily Weather Map Station Names and Locations**