



Daily Weather Maps

APRIL 24, 2006 - APRIL 30, 2006

Week 17

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. 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.

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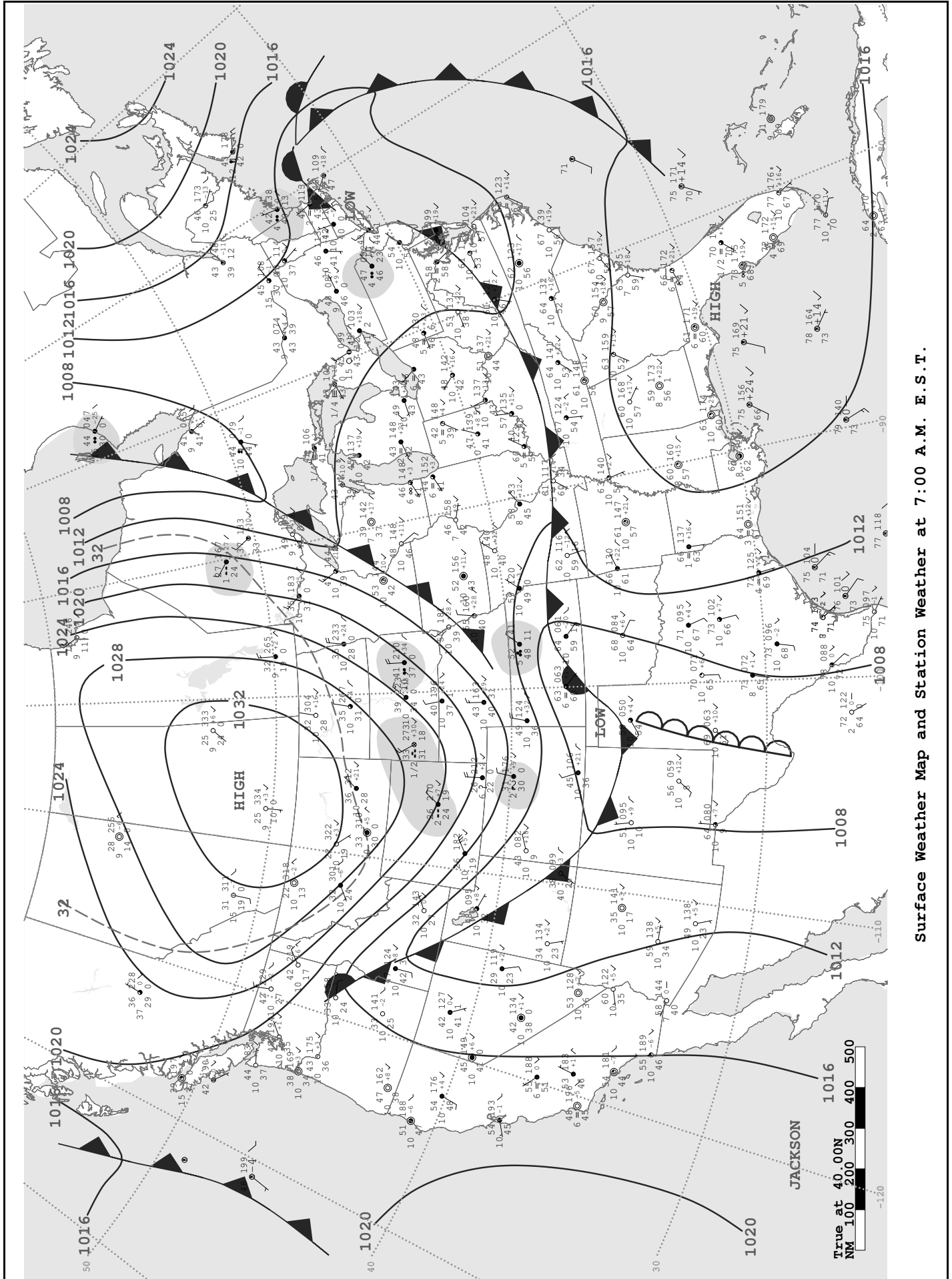
Correspondence to the meteorologists should be directed to: ***Daily Weather Map*, NOAA/National Weather Service, Room 410, 5200 Auth Rd, Camp Springs, MD 20746.**

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

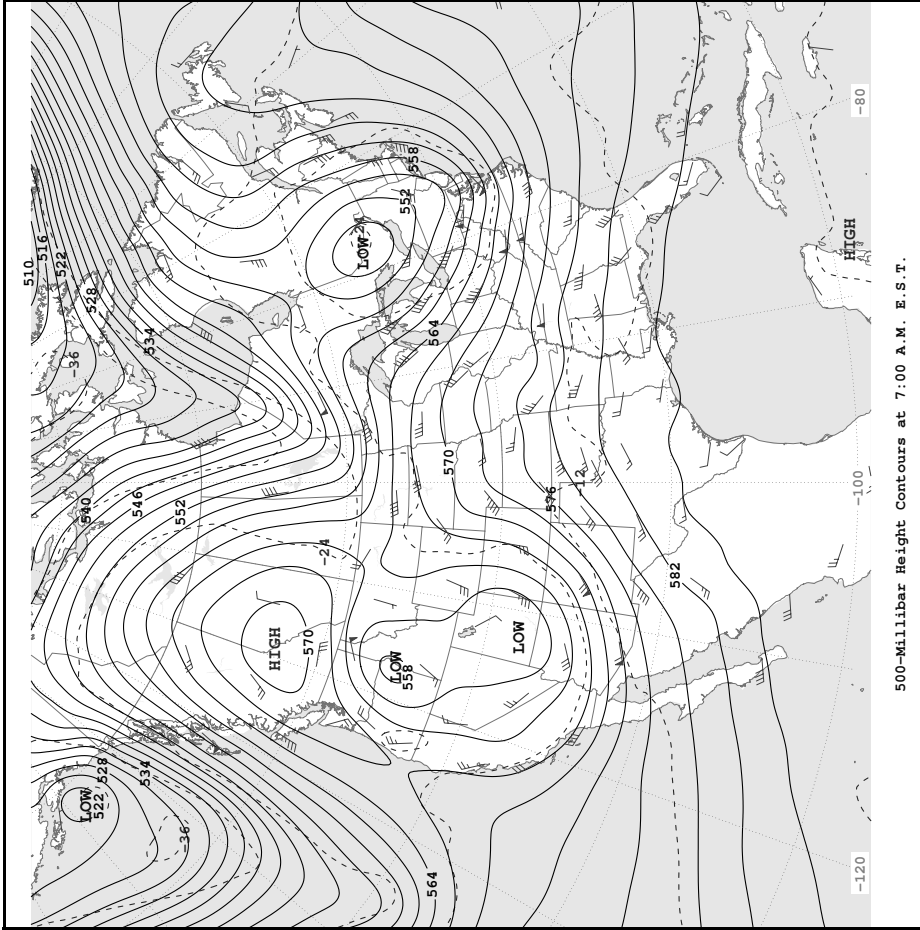
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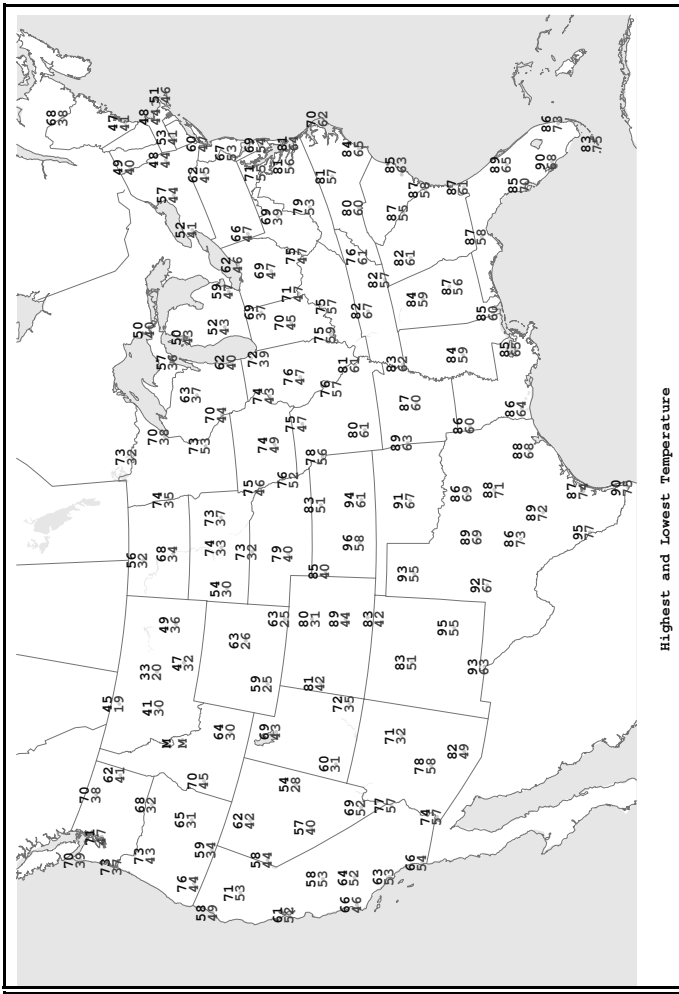
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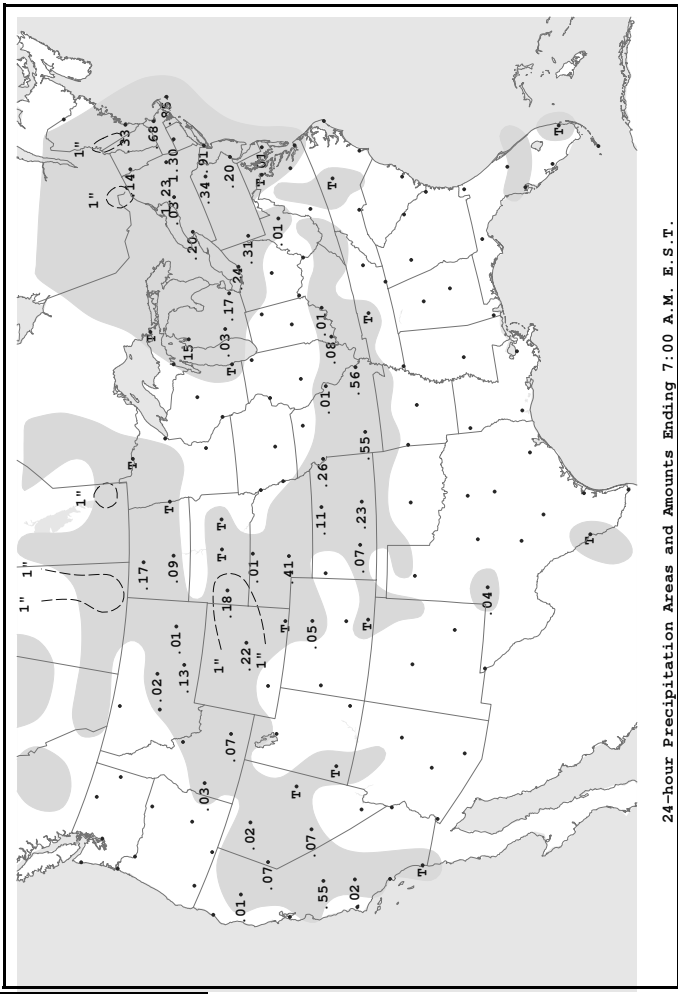
Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.



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

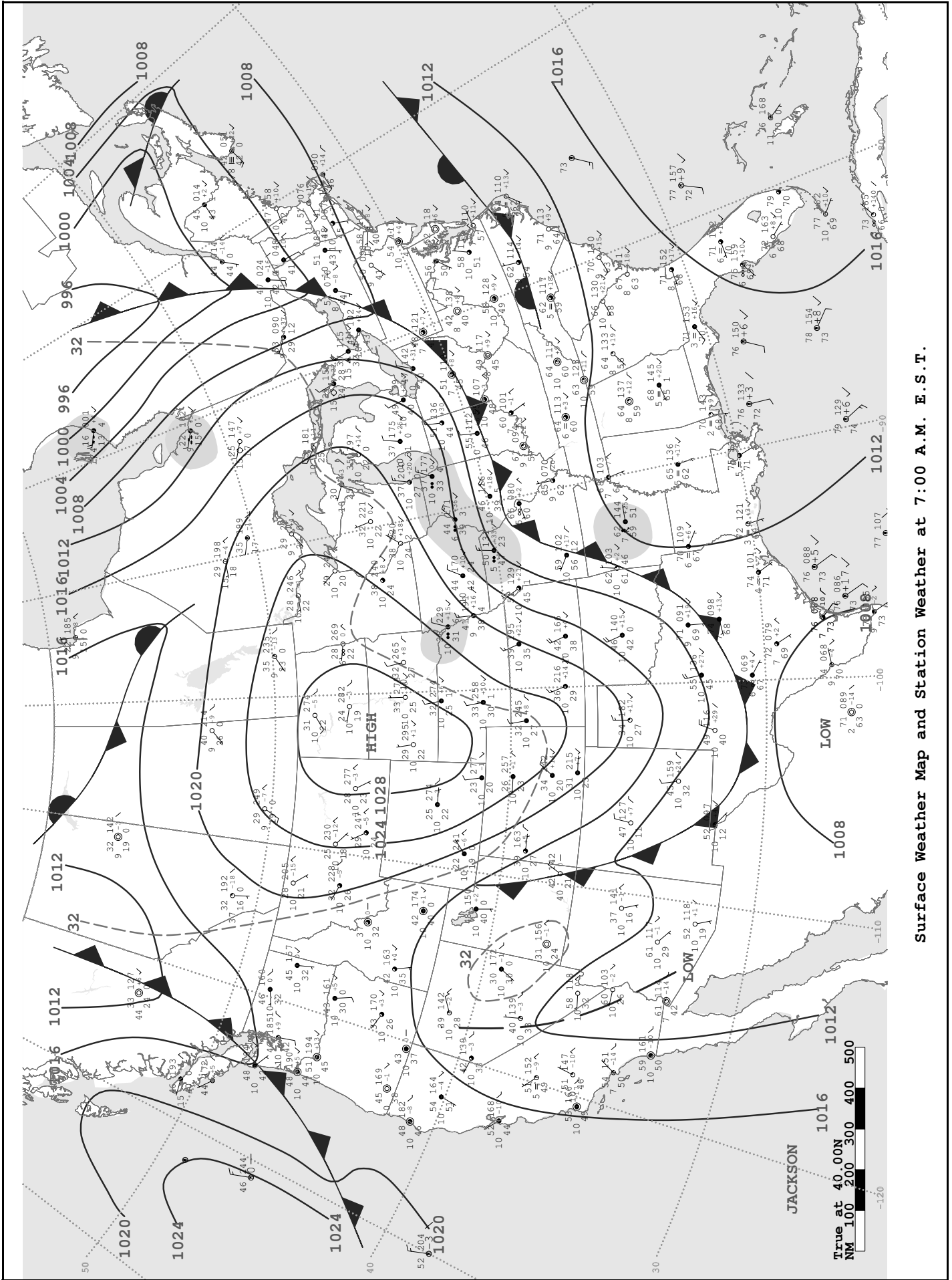
Wind Direction — Wind Speed
 Long Feather - 10 knots
 Short Feather - 5 knots

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

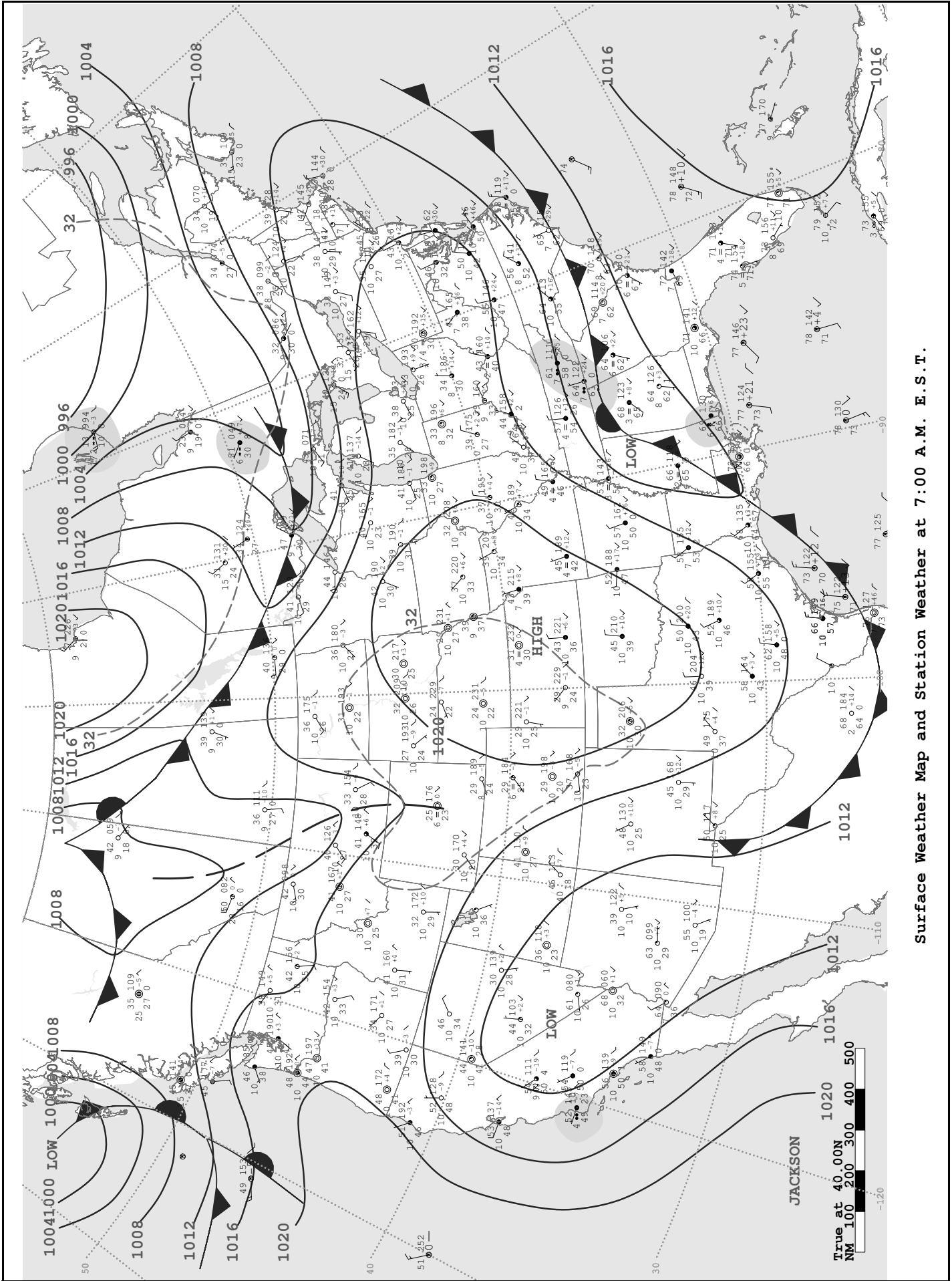
Visibility (in miles) — TT — P P P
 Present Weather Symbol — V — W W
 Dew Point Temperature — T T — R R
 3 Hour Pressure Tendency (in tenths)
 6 Hour Total Precipitation (in hundredths of an inch)

Sky Cover

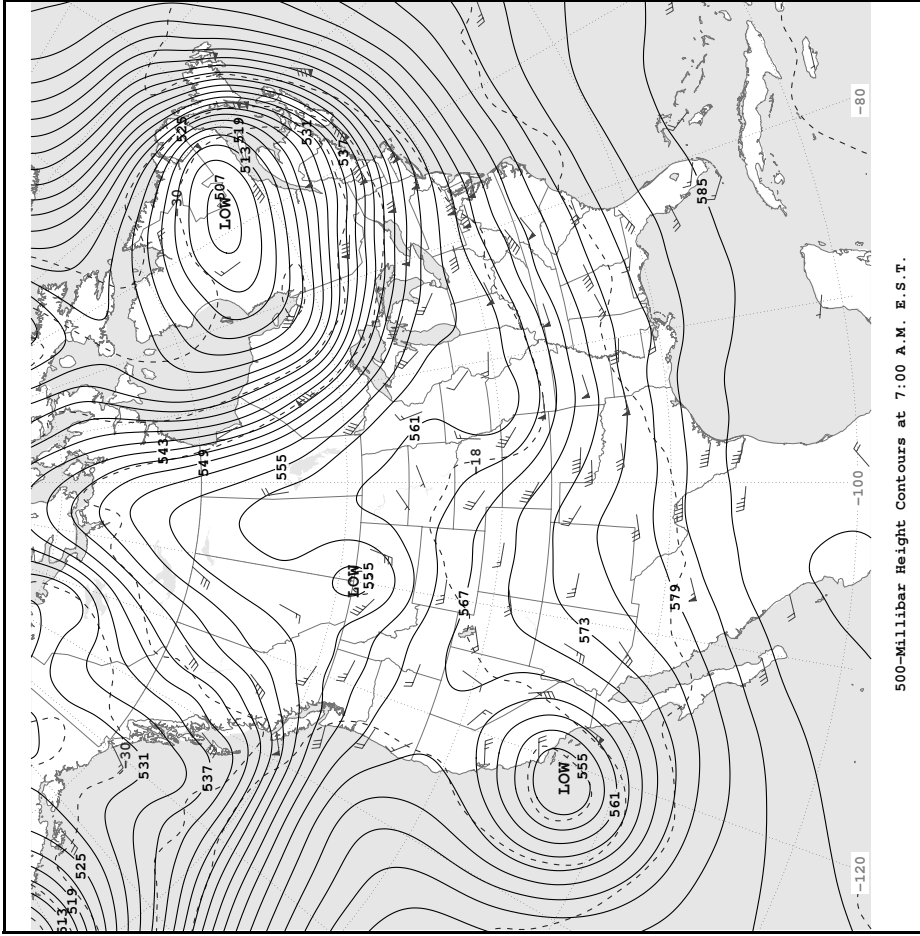
MONDAY, APRIL 24, 2006



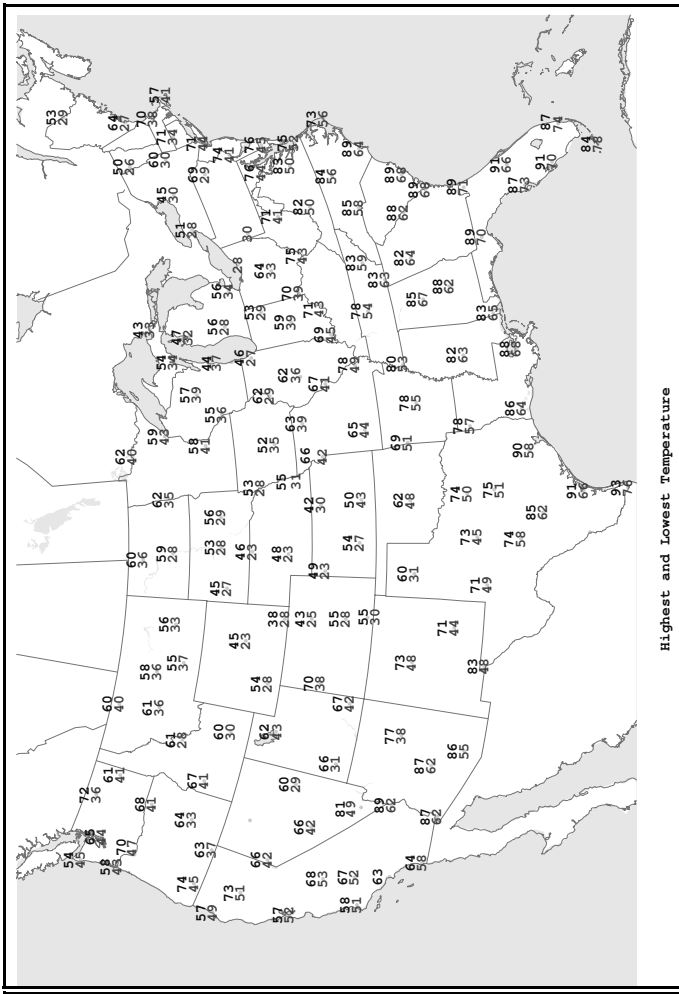
Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.



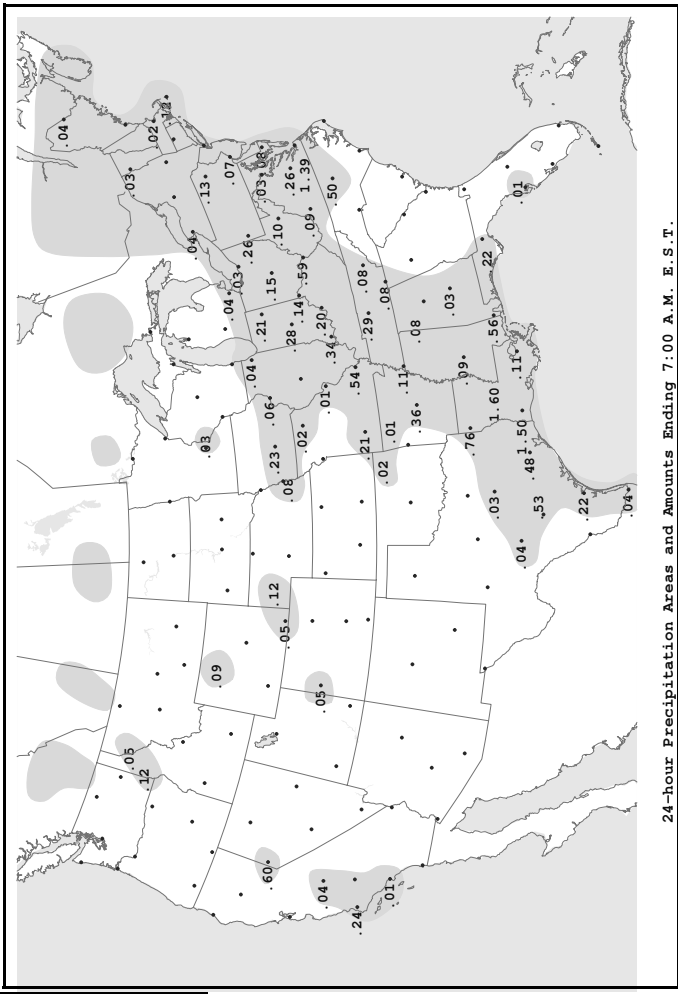
Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.



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



Highest and Lowest Temperature

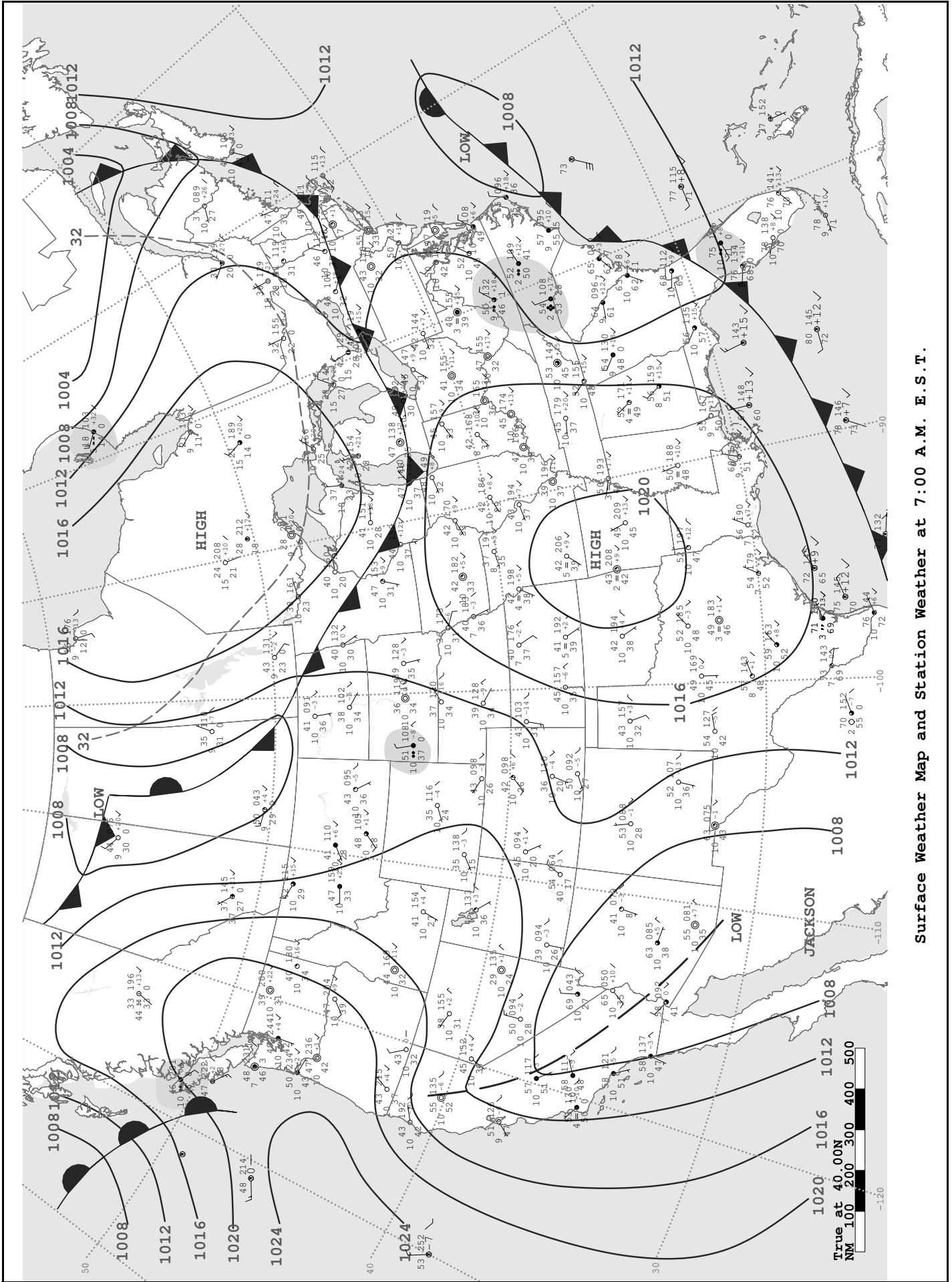


24-hour Precipitation Areas and Amounts Ending 7:00 A.M. E. S. T.

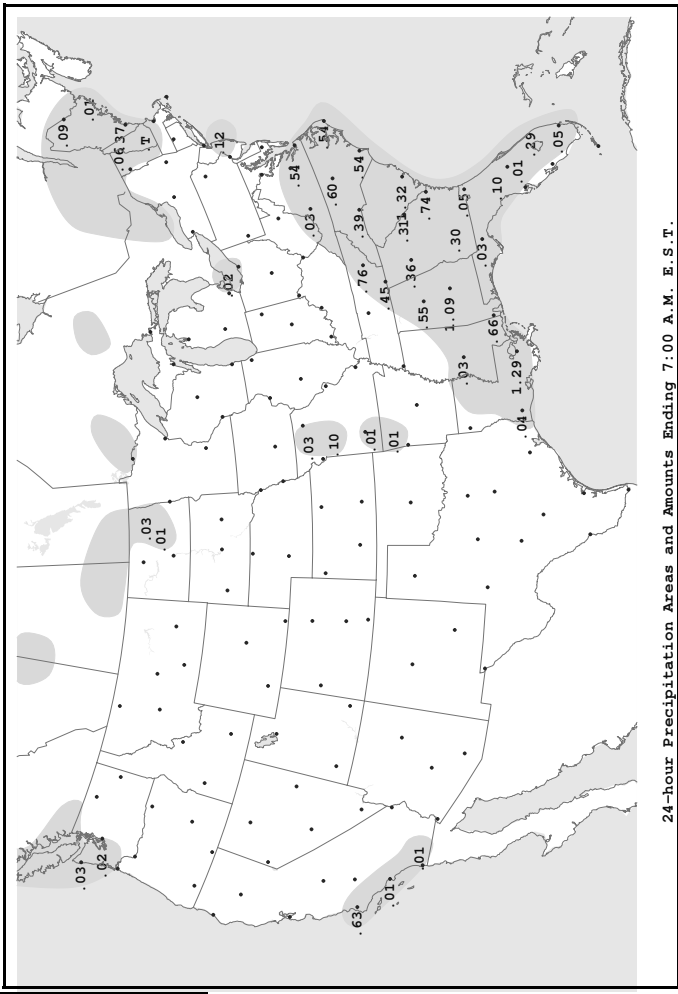
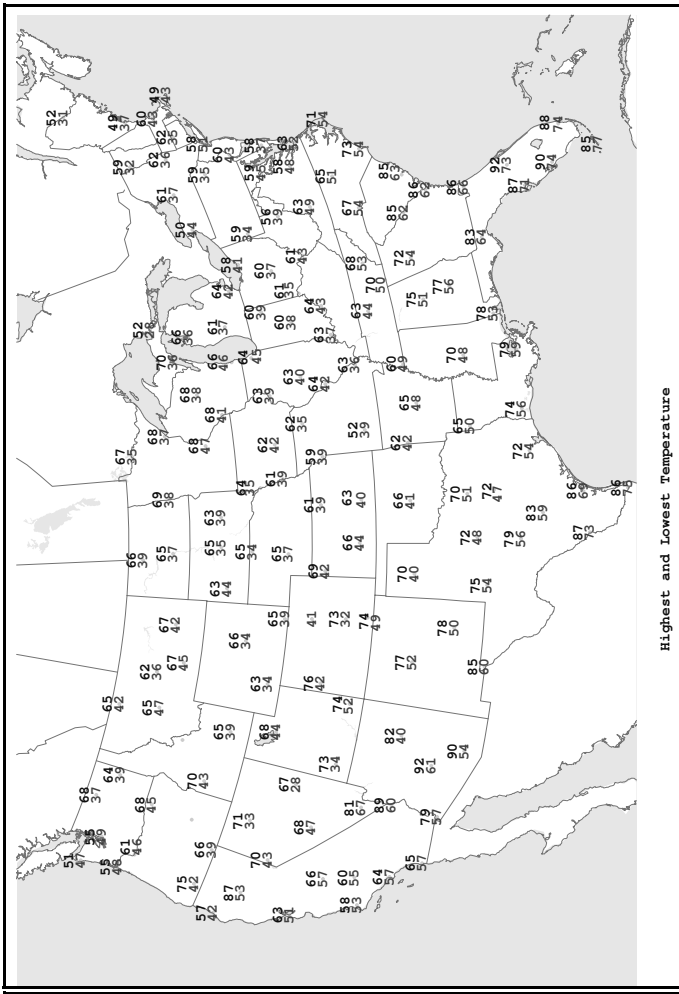
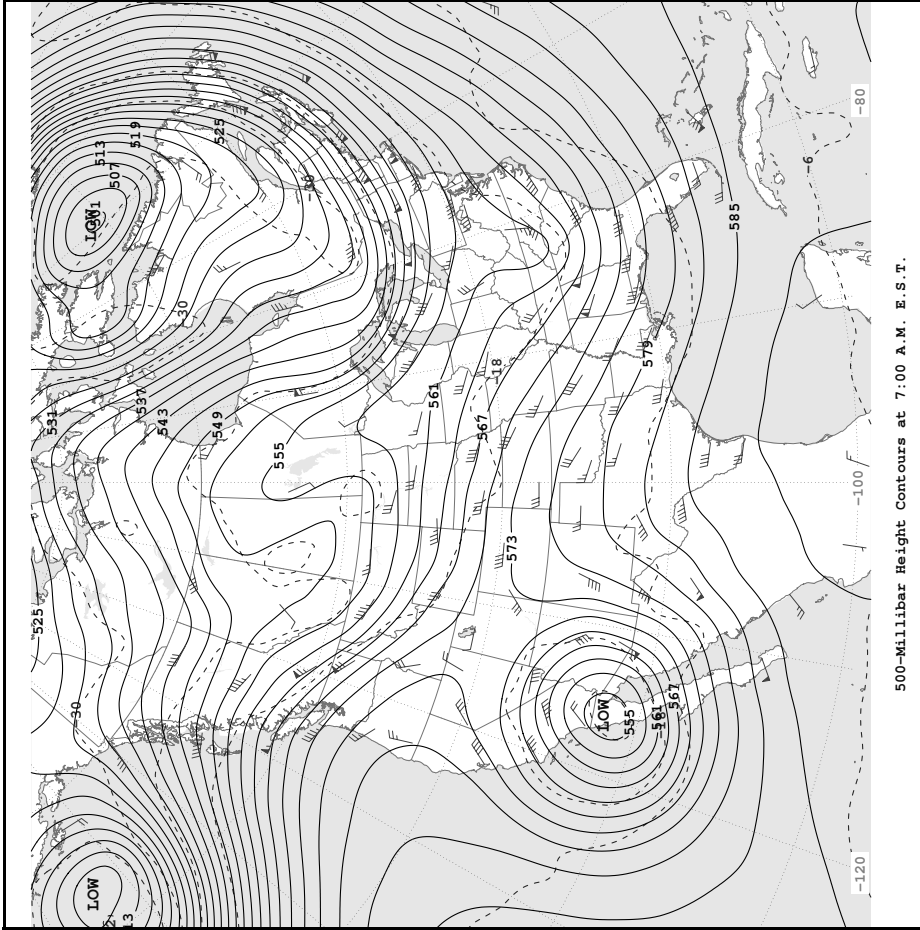
Wind Direction	Wind Speed	ft
Current Temperature (in °F)	Long Feather - 10 knots	PPP
Visibility (in miles)	Short Feather - 5 knots	
V	3-Digit Surface Pressure (in tenths). Ex: 989 = 998.9mb, 012 = 1001.2mb	PP a
Present Weather Symbol	3 Hour Pressure Tendency (in tenths)	RR
Dew Point Temperature	6 Hour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

Station Model

WEDNESDAY, APRIL 26, 2006



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



Station Model

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

Current Temperature (in °F): **dd** — 3-Digit Surface Pressure (in tenths): **PPP**

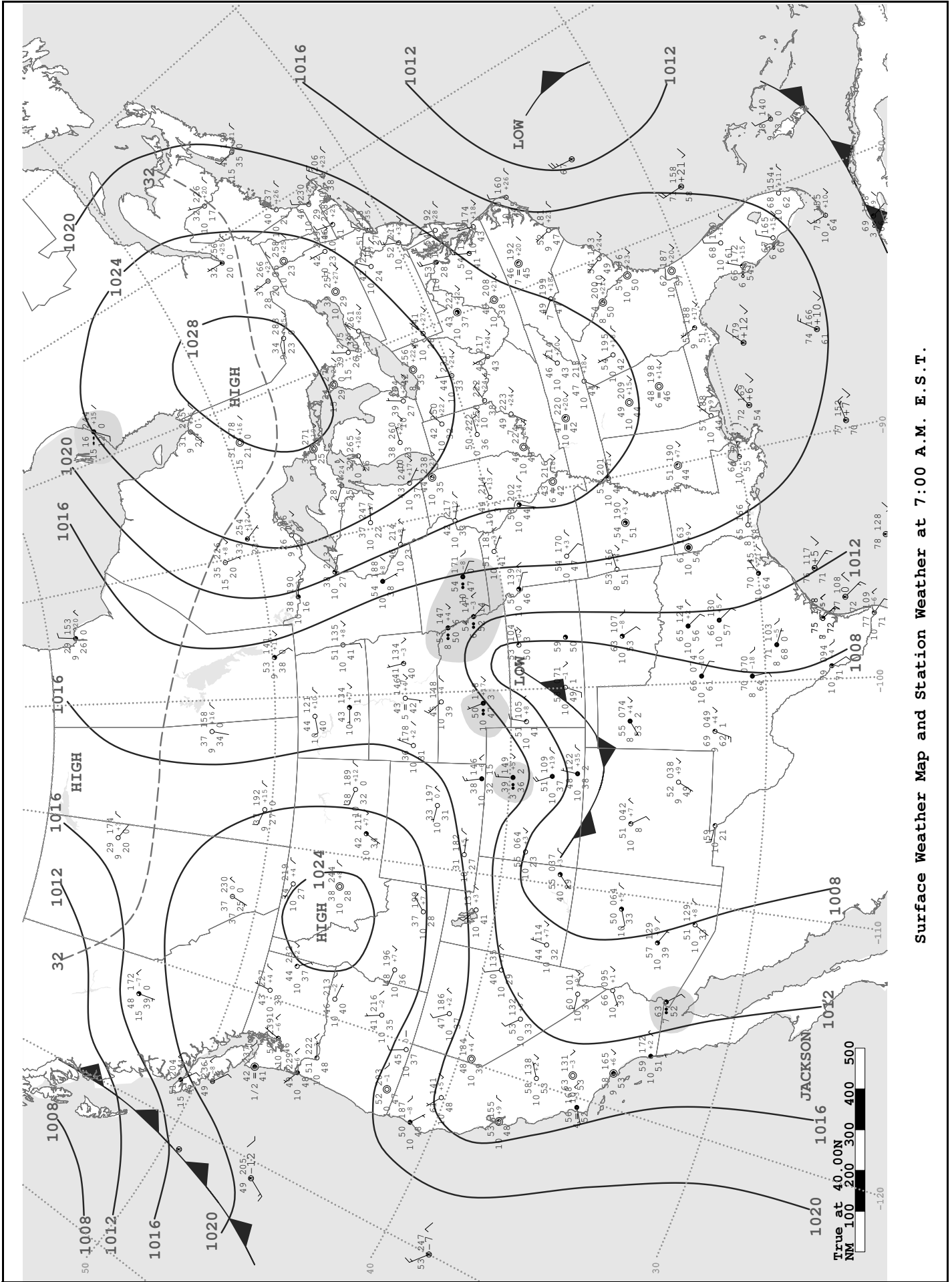
Visibility (in miles): **V** — Present Weather Symbol: **TT** — Dew Point Temperature: **DD** — Sky Cover: **RR**

PP a — 3 Hour Pressure Tendency (in tenths)

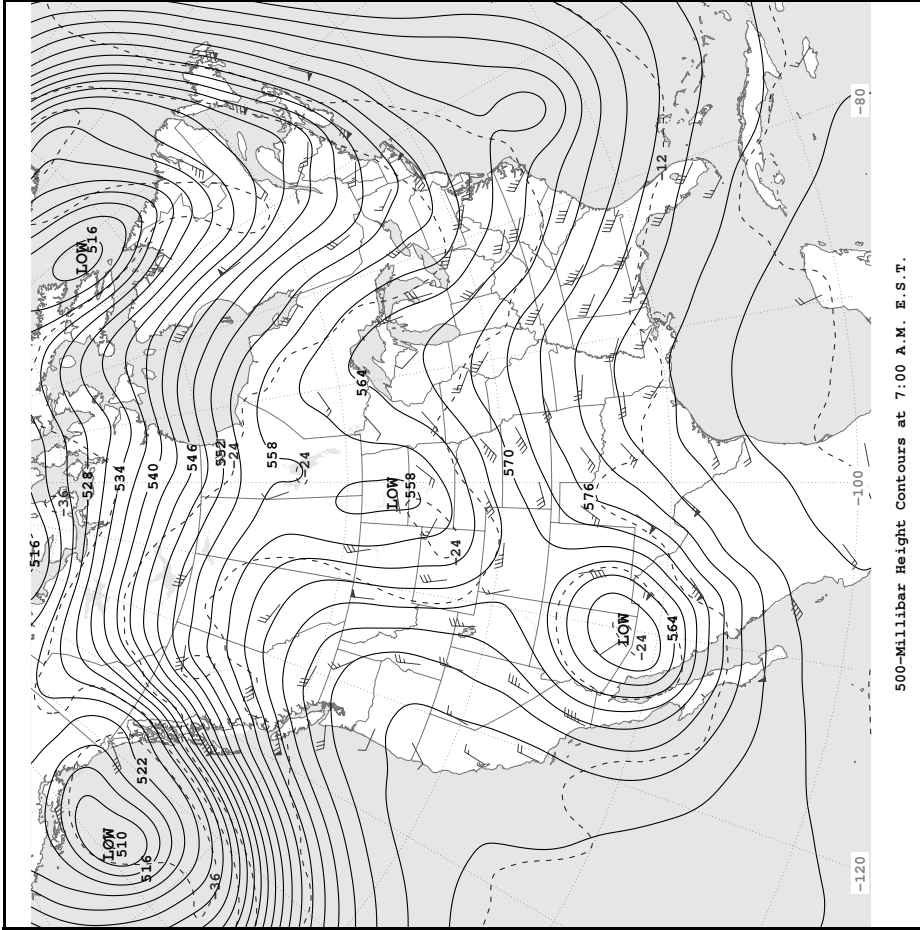
RR — 6 Hour Total Precipitation (in hundredths of an inch)

Legend: **989** = 998.9mb, **012** = 1001.2mb

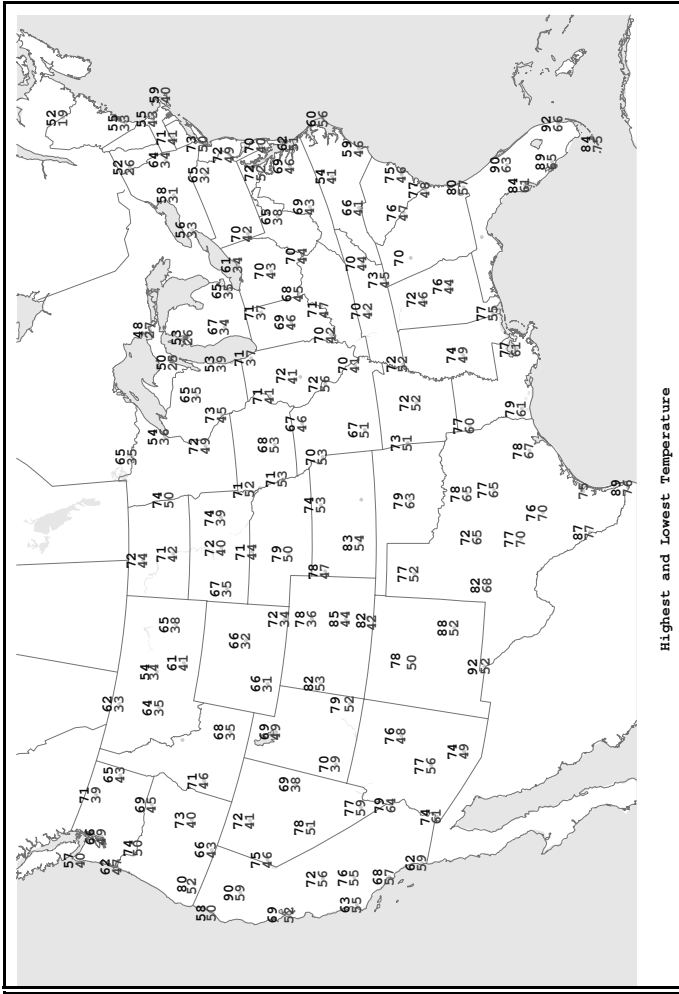
THURSDAY, APRIL 27, 2006



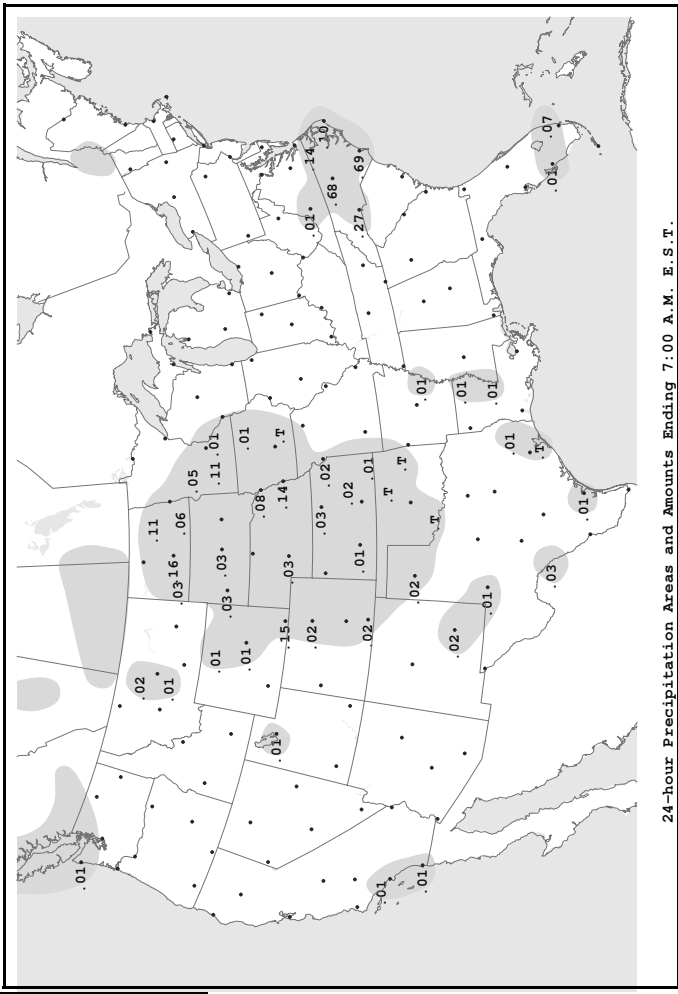
Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.



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



Highest and Lowest Temperature

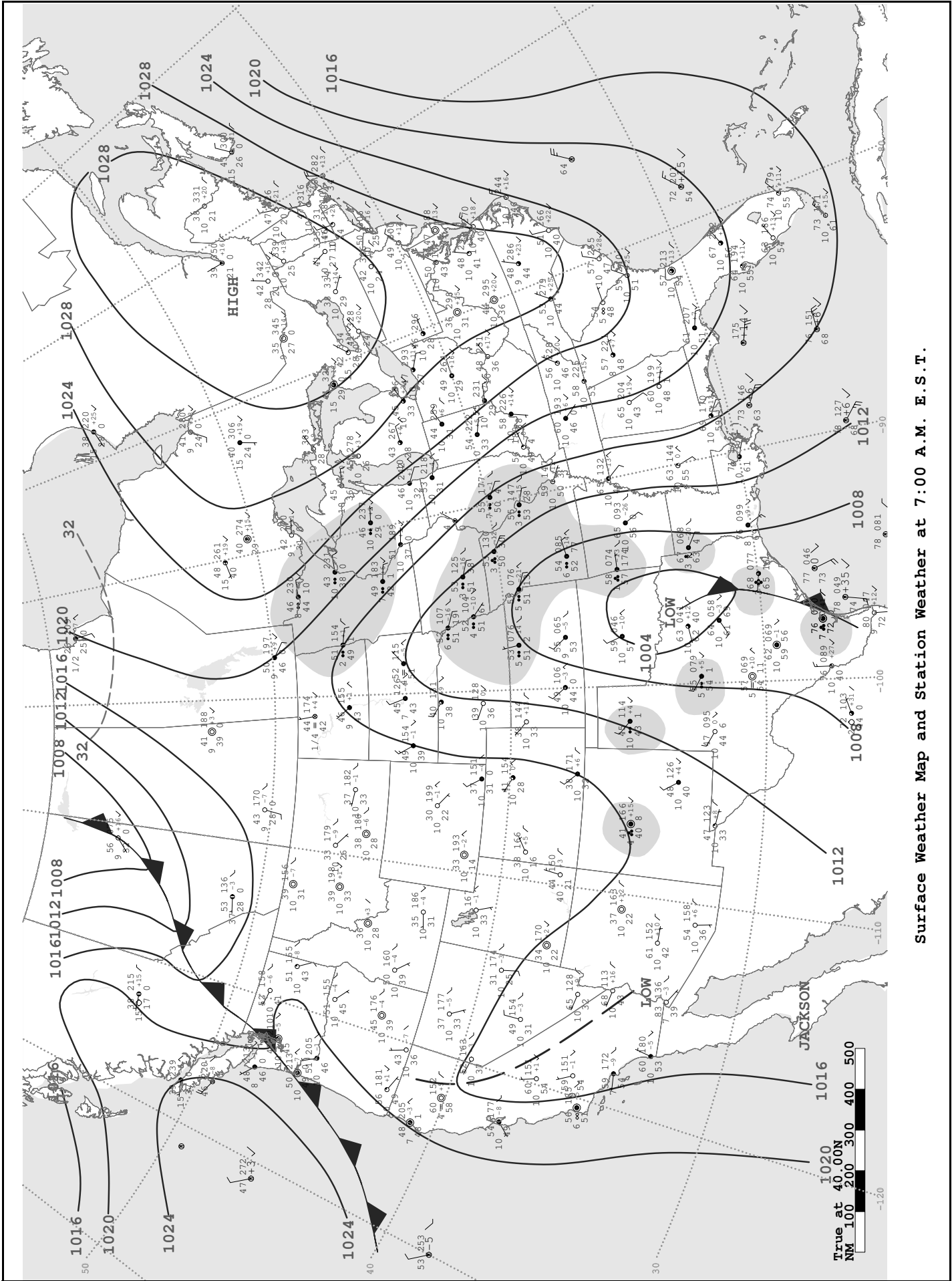


24-hour Precipitation Areas and Amounts Ending 7:00 A.M. E. S. T.

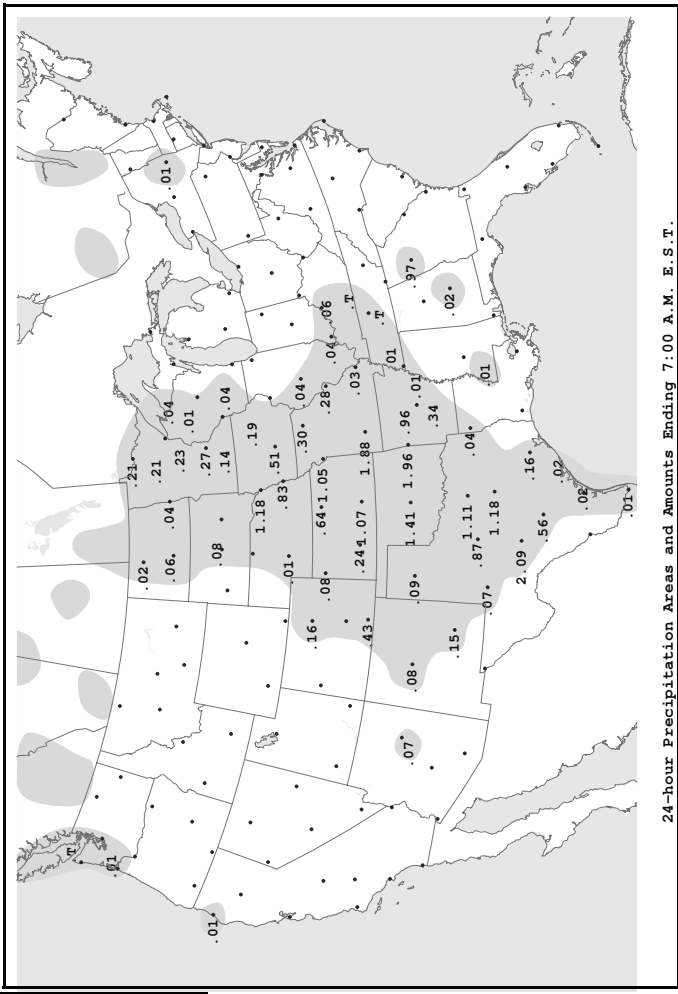
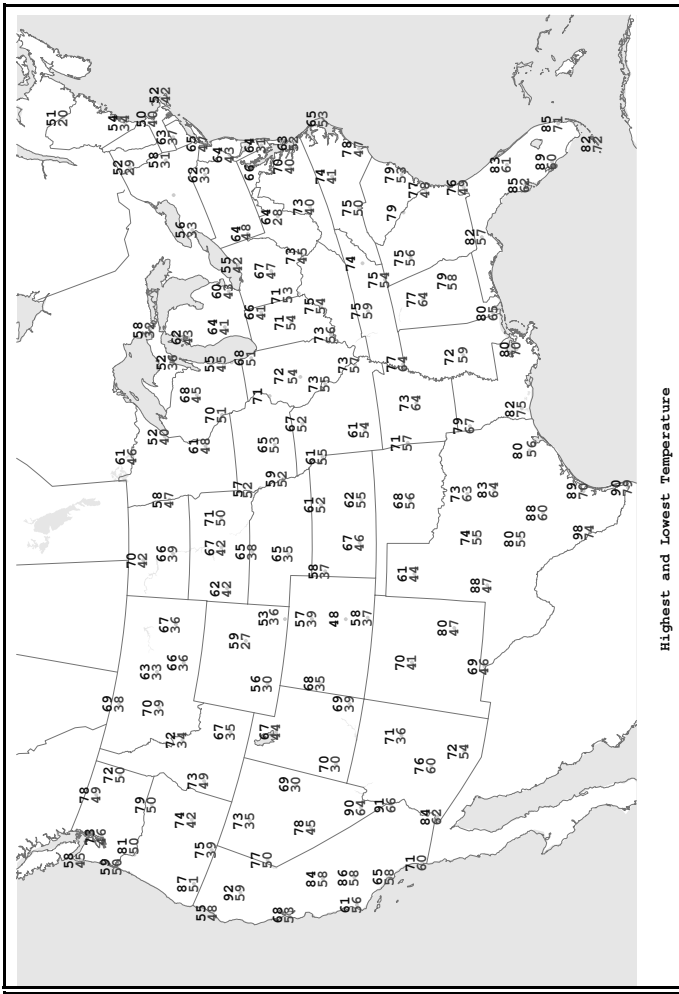
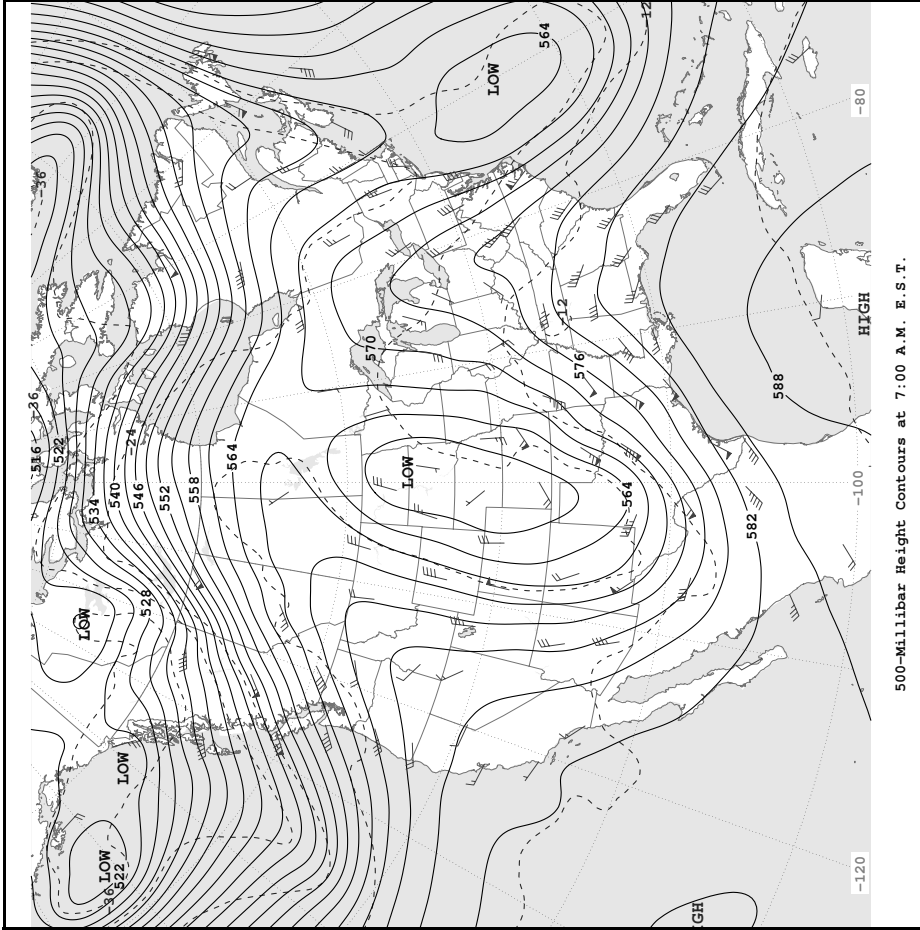
Wind Direction	Wind Speed	ft
Current Temperature (in °F)	Long Feather - 10 knots	PPP
Visibility (in miles)	Short Feather - 5 knots	
	3-Digit Surface Pressure (in tenths). Ex: 989 = 998.9mb, 012 = 1001.2mb	PP a
Present Weather Symbol	3 Hour Pressure Tendency (in tenths)	
Dew Point Temperature	6 Hour Total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

Station Model

FRIDAY, APRIL 28, 2006



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: **F**

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

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

Present Weather Symbol: **●**

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

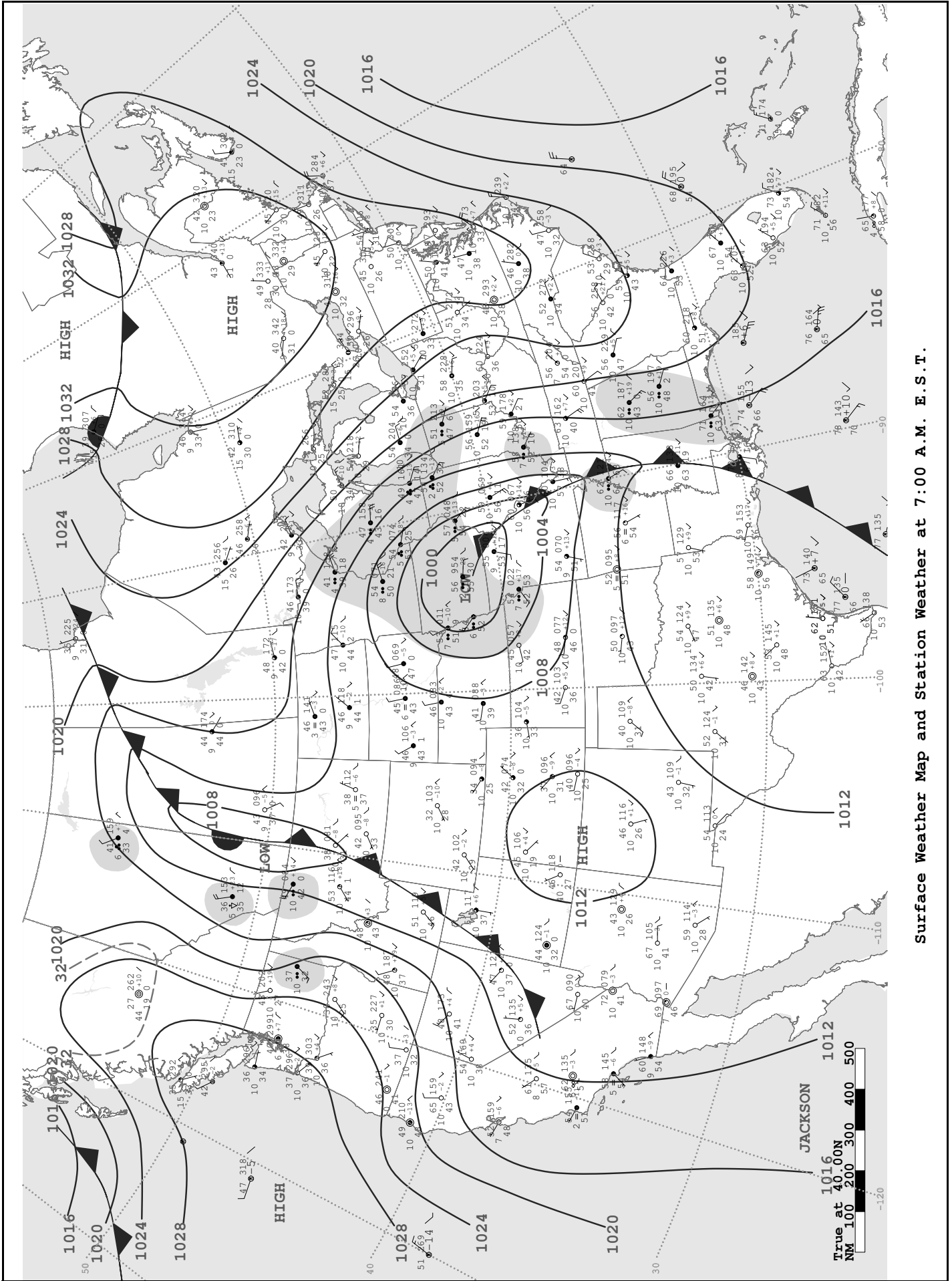
Dew Point Temperature: **TT**

Visibility (in miles): **V**

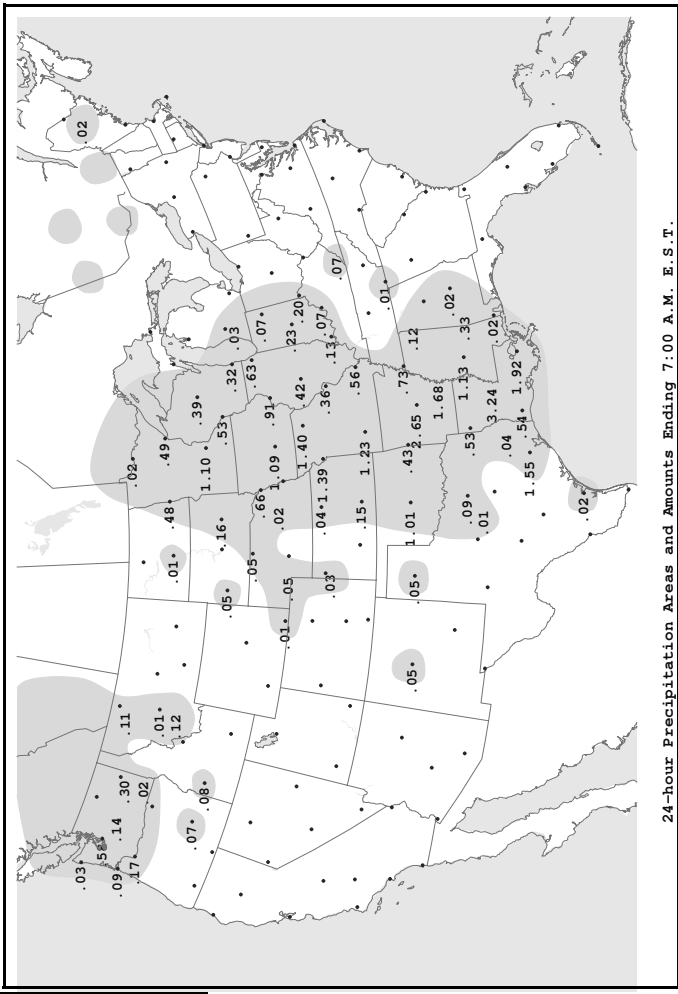
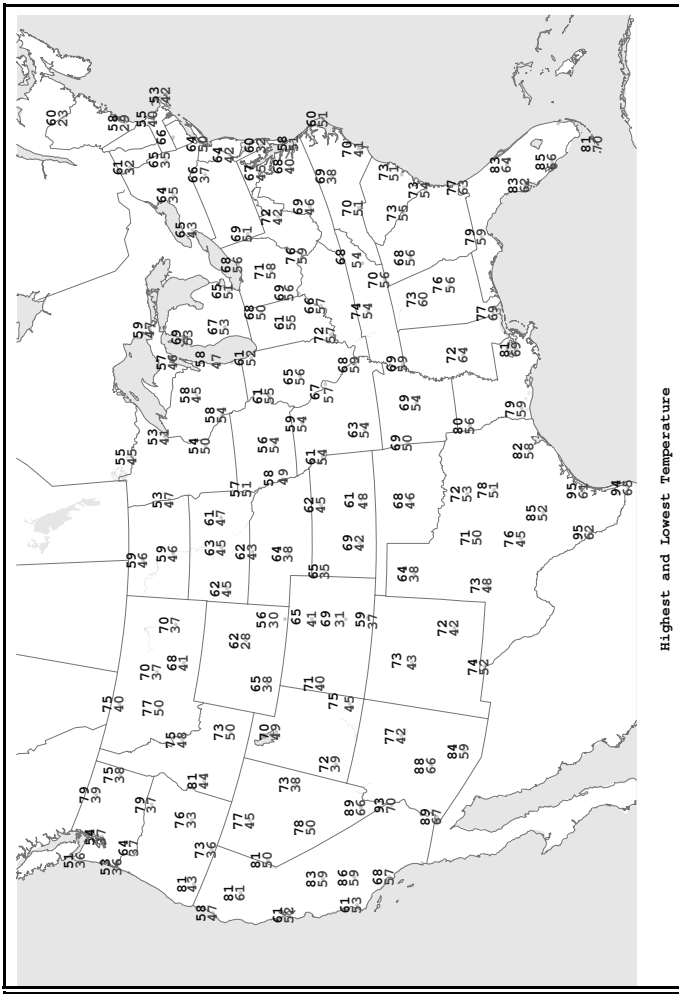
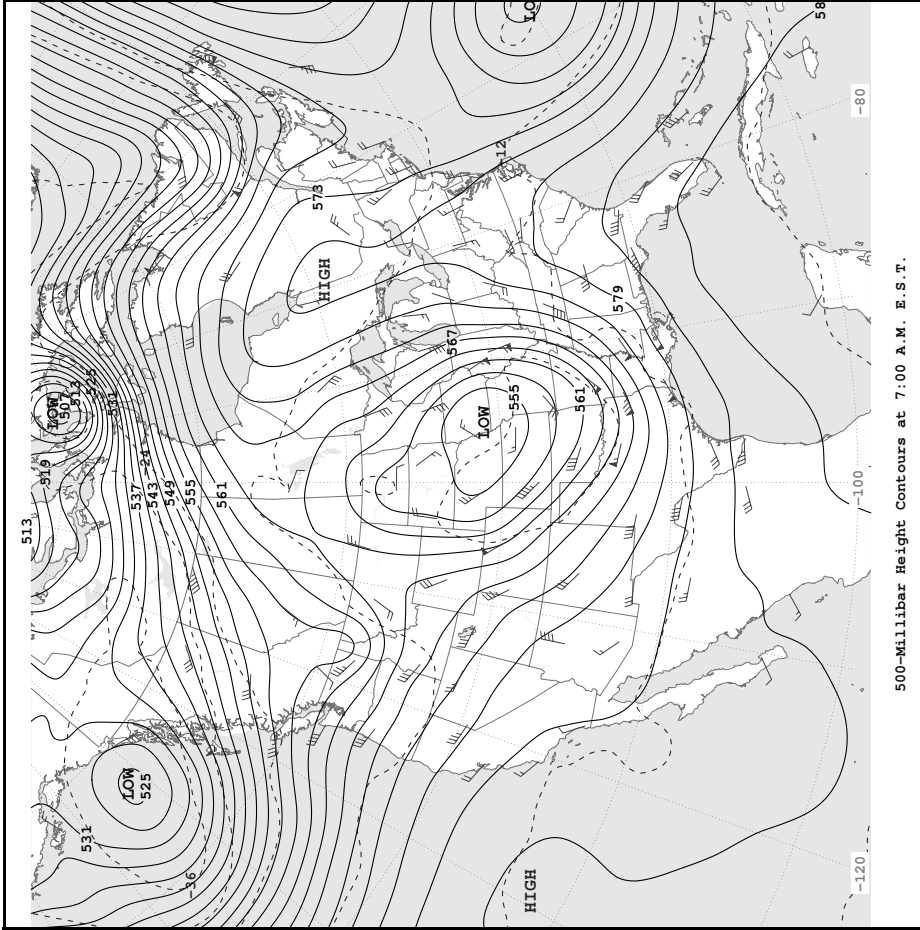
Sky Cover: **RR**

Examples: 989 = 998.9mb, 012 = 1001.2mb

SATURDAY, APRIL 29, 2006



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



Station Model

The station model diagram includes the following components and their units:

- Wind Direction:** Indicated by a line with a feather.
- Current Temperature (in °F):** Indicated by 'dd'.
- Visibility (in miles):** Indicated by 'V'.
- Present Weather Symbol:** Indicated by a circle with a vertical line through it.
- Dew Point Temperature:** Indicated by 'TT'.
- Wind Speed:** Indicated by 'F'.
- 3-Digit Surface Pressure (in tenths):** Indicated by 'PPP'.
- 3 Hour Pressure Tendency (in tenths):** Indicated by 'PP a'.
- 6 Hour Total Precipitation (in hundredths of an inch):** Indicated by 'RR'.
- Sky Cover:** Indicated by a horizontal line.

Additional information provided:

- Long Feather - 10 knots
- Short Feather - 5 knots
- Ex: 989 = 998.9mb, 012 = 1001.2mb

SUNDAY, APRIL 30, 2006

