



Daily Weather Maps

NOVEMBER 8, 2021 - NOVEMBER 14, 2021

Week 45

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 decameters 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.

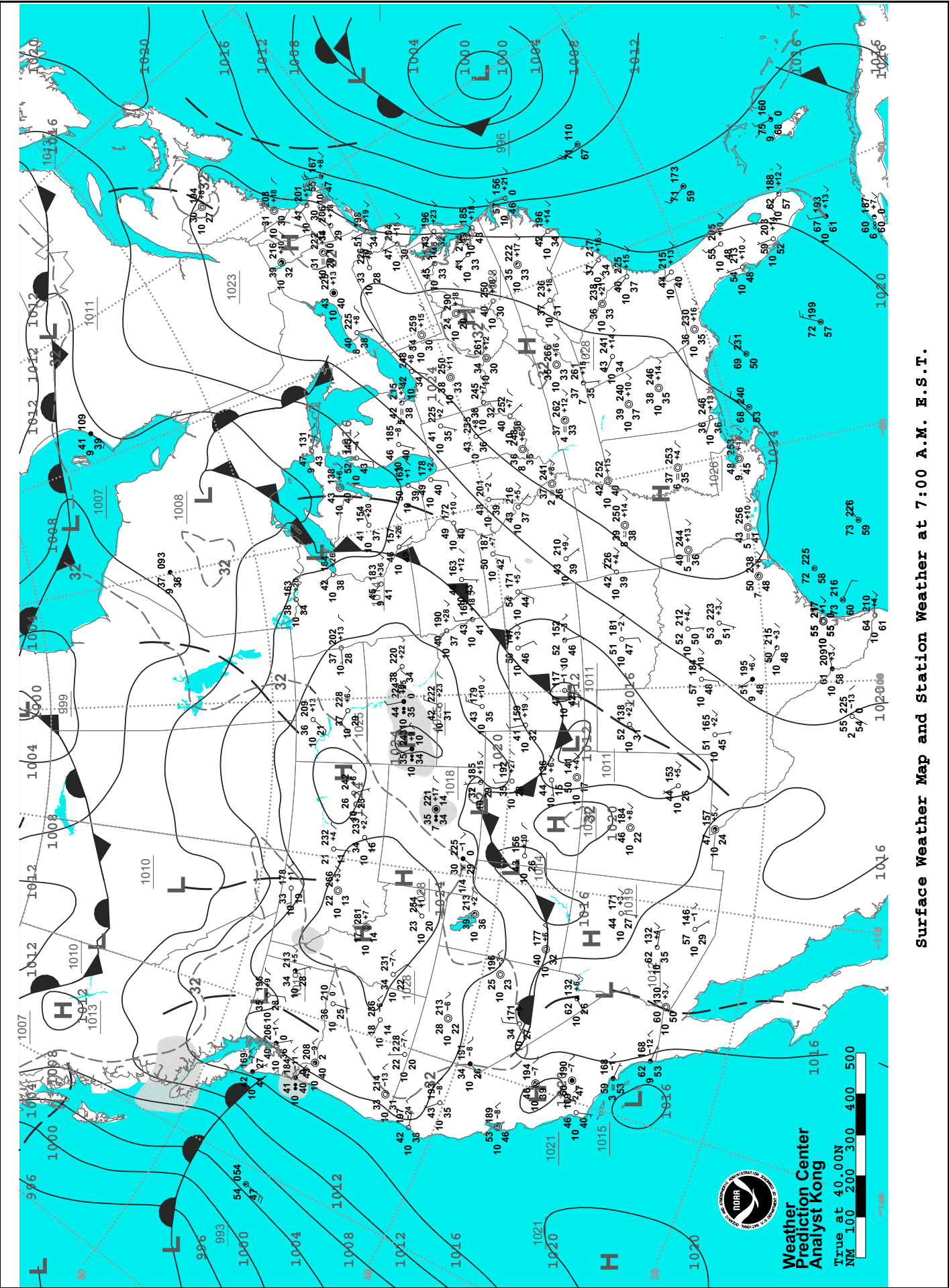
The Precipitation Areas and Amounts chart shows areas (shaded) that had precipitation during the 24 hours ending at 7:00 a.m. EST, with amounts to the nearest hundredth of an inch. "T" indicates a trace of precipitation.

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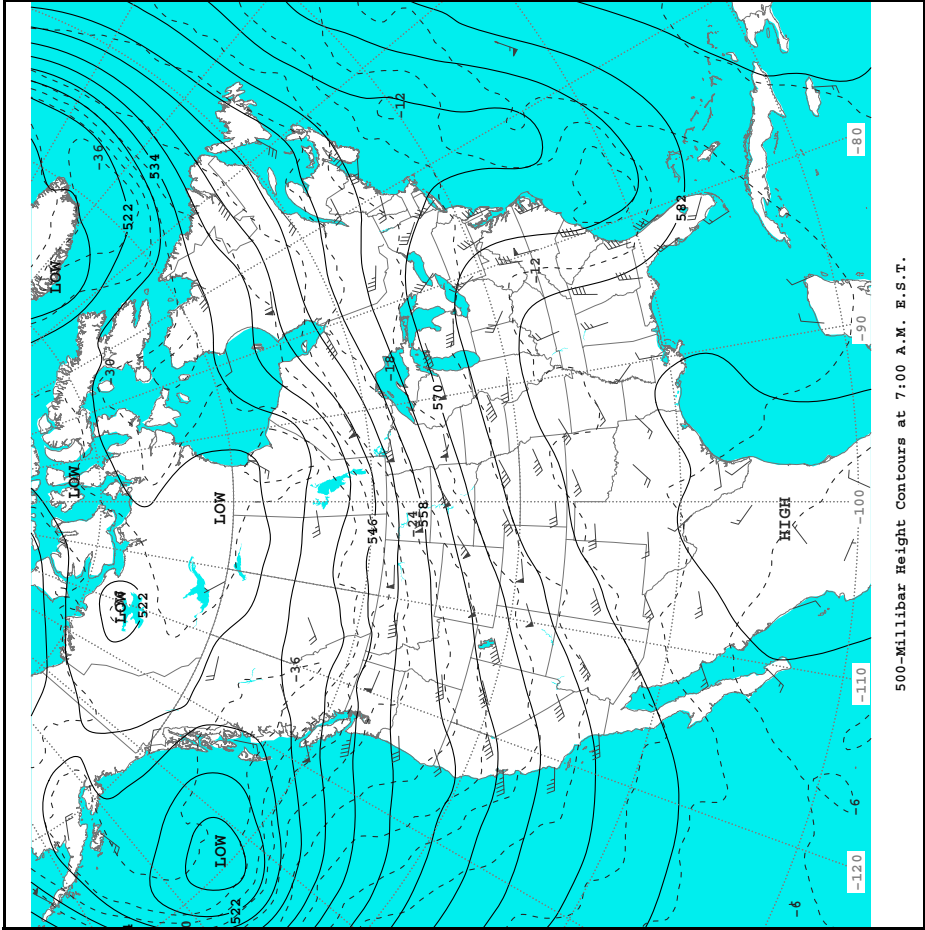
Correspondence to the meteorologists should be directed to: ***Daily Weather Map*, NOAA/National Weather Service, Room 4640, 5830 University Research Court, College Park, MD 20740.**

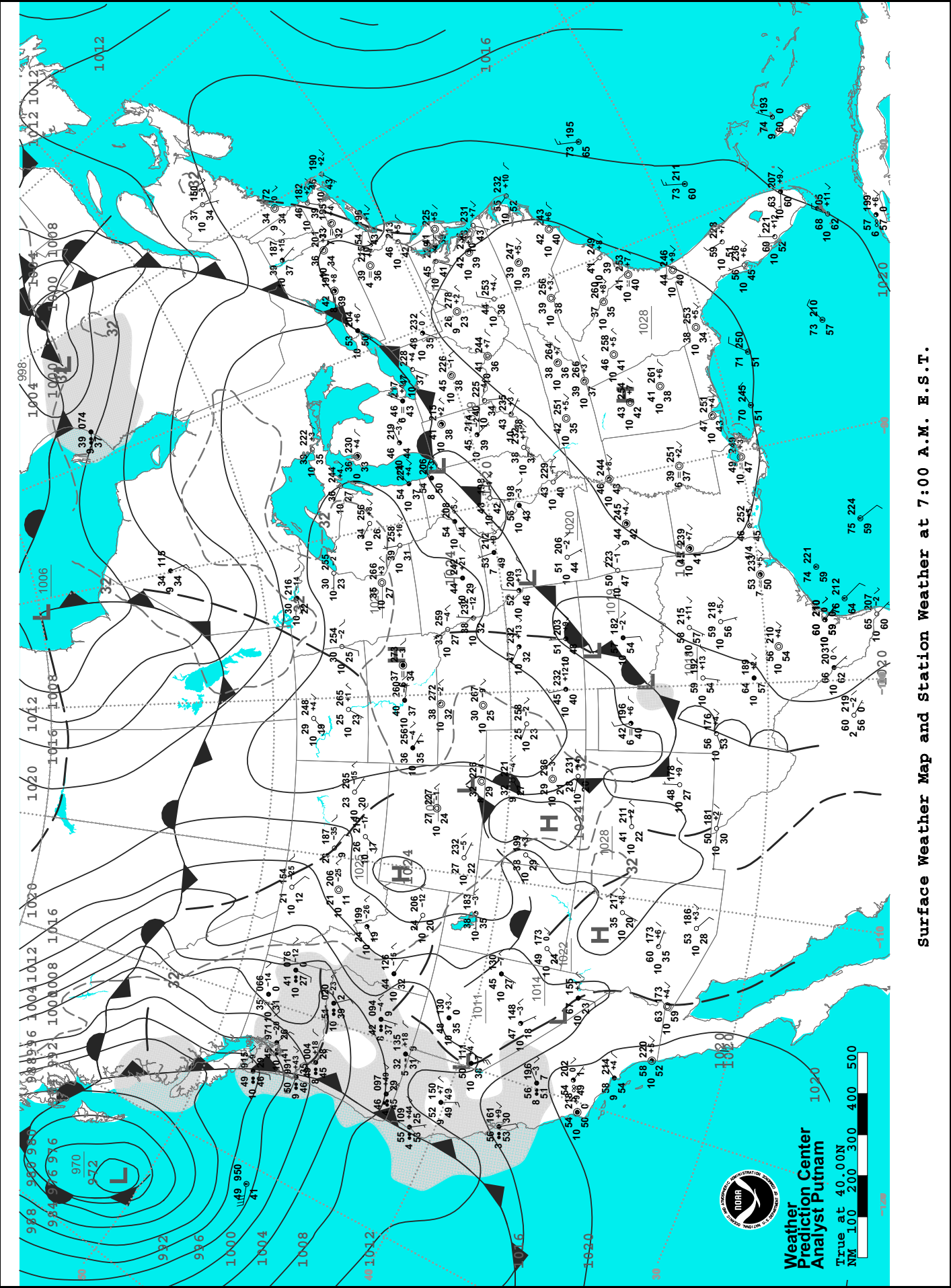
The *Daily Weather Map* is available online at www.wpc.ncep.noaa.gov/dwm/dwm.shtml.

Current WPC products are available online at www.wpc.ncep.noaa.gov

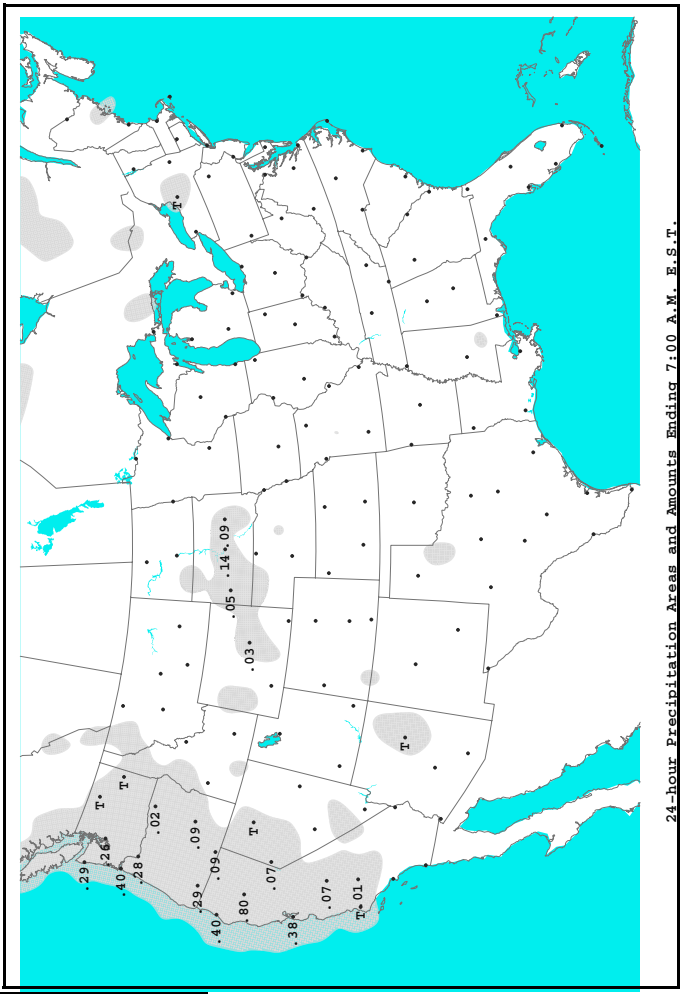
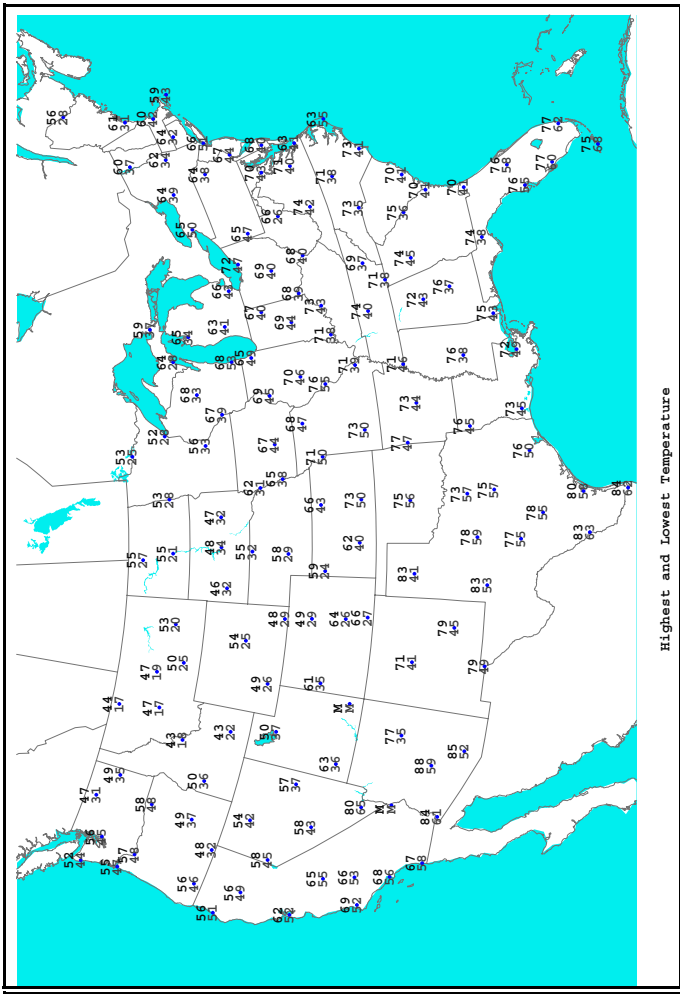
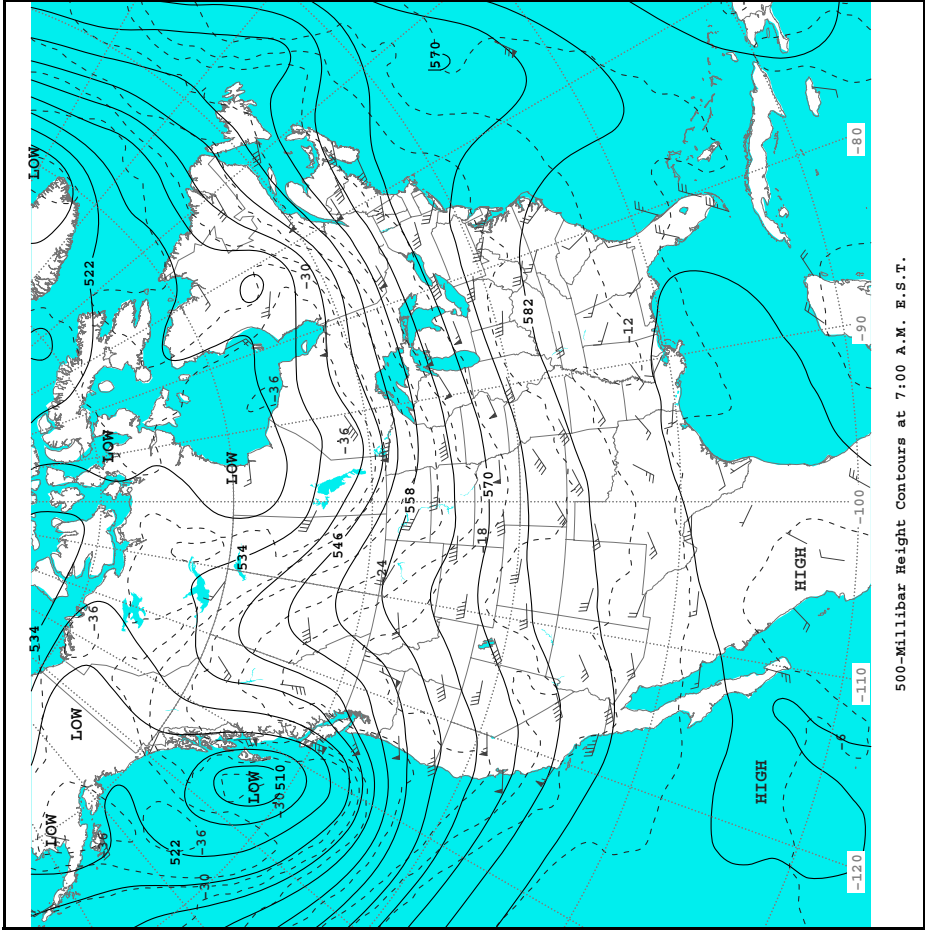


Surface Weather Map and Station Weather at 7:00 A.M. E.S.T.





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



Wind Direction

Current Temperature (in °F)

Visibility (in miles)

Present Weather Symbol

Dew Point Temperature

Wind Speed

Long Feather - 10 knots

Short Feather - 5 knots

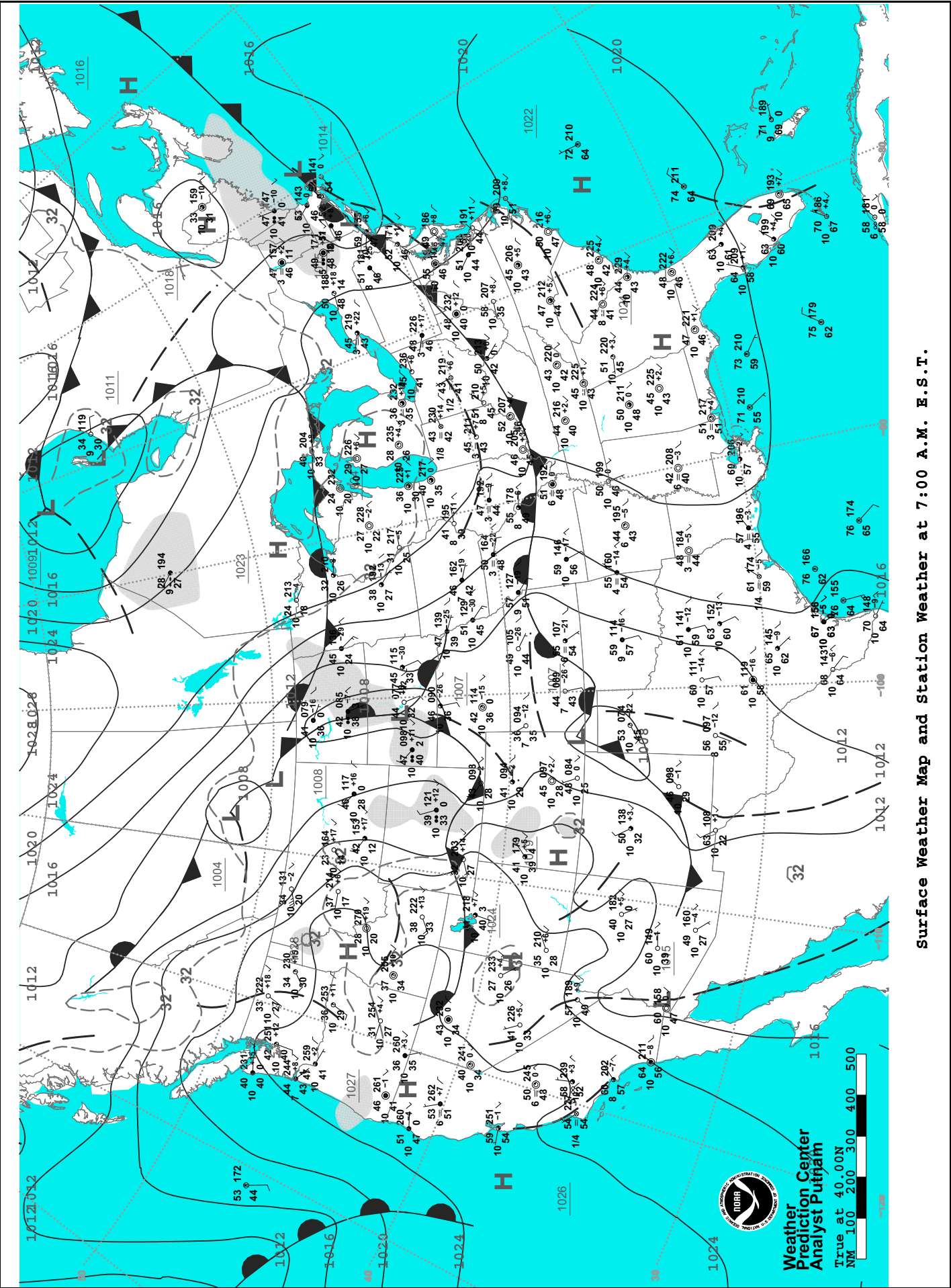
3-Digit Surface Pressure (in tenths) Ex: 989 = 998.9mb, 012 = 1001.2mb

3 Hour Pressure Tendency (in tenths)

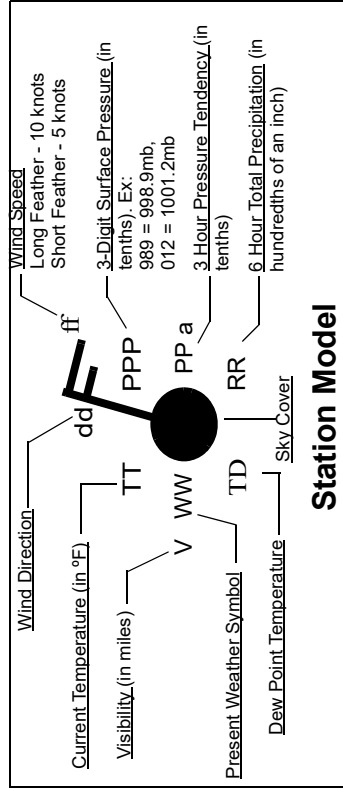
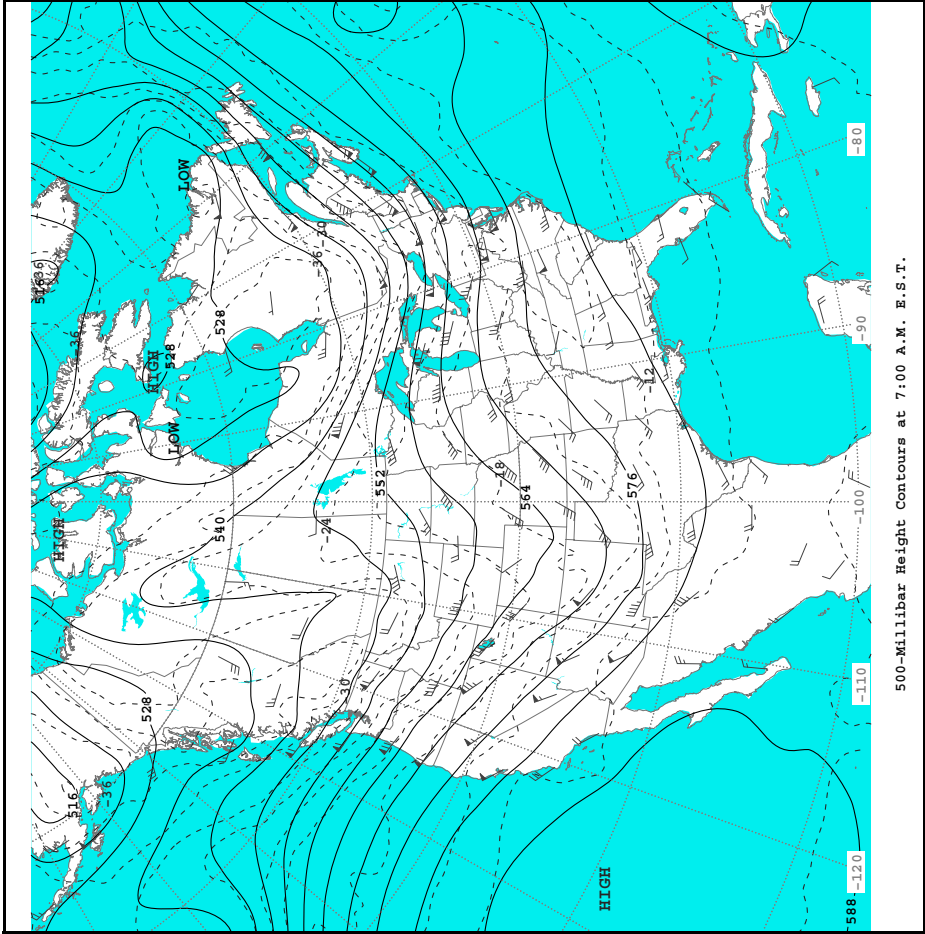
6 Hour Total Precipitation (in hundredths of an inch)

Station Model

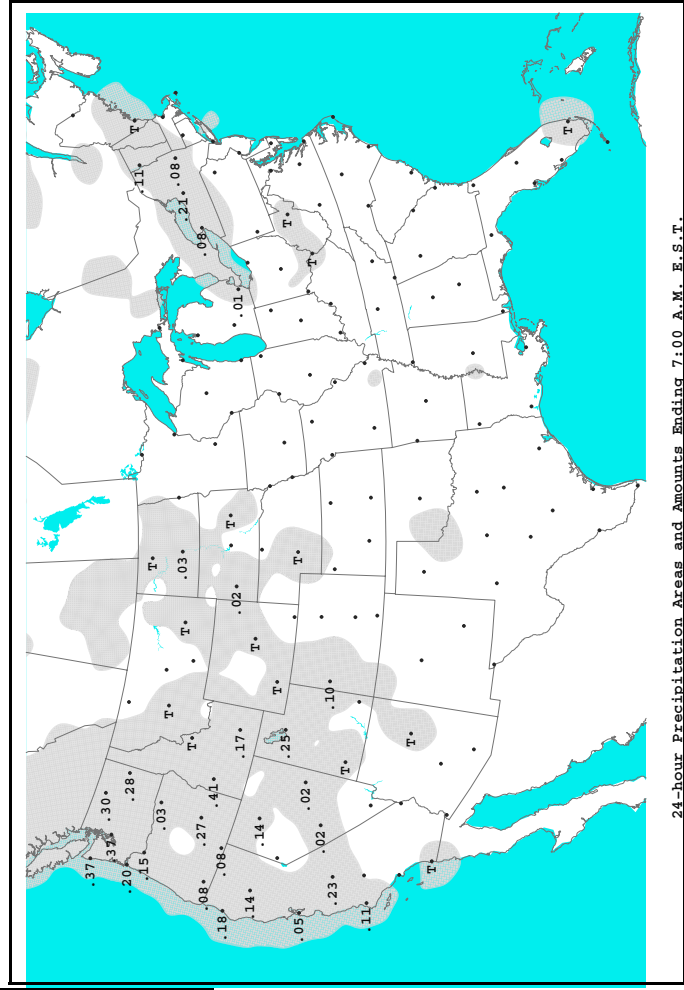
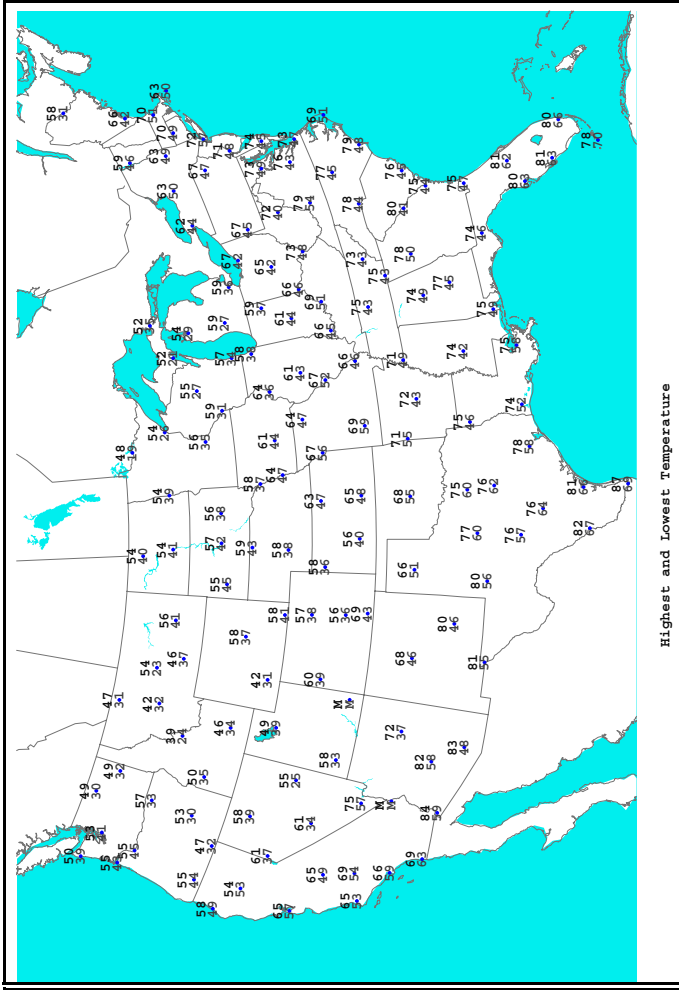
TUESDAY, NOVEMBER 9, 2021



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



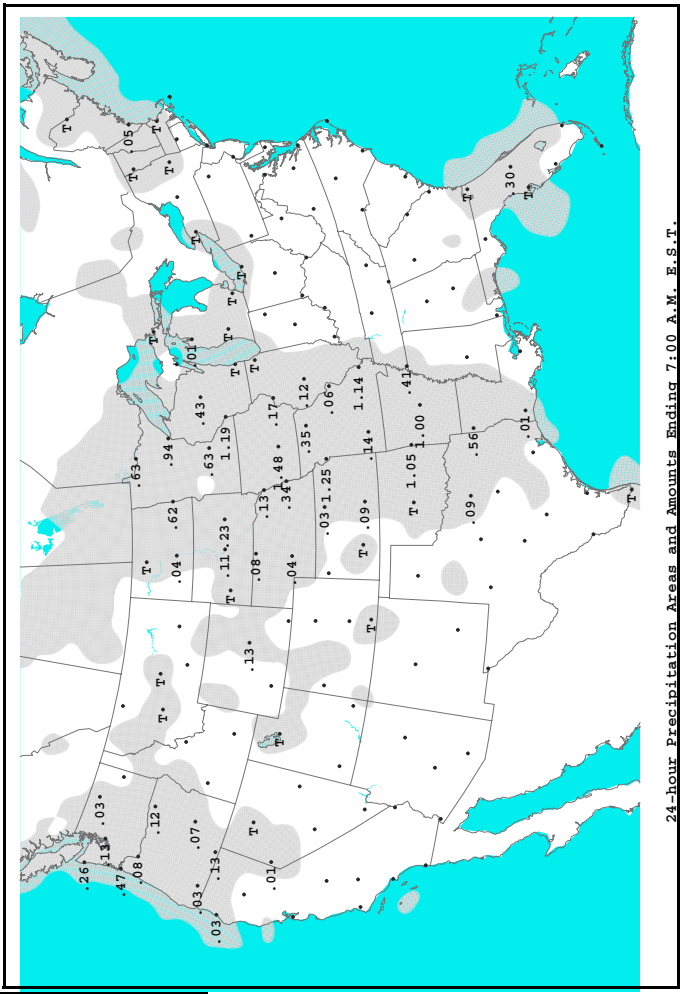
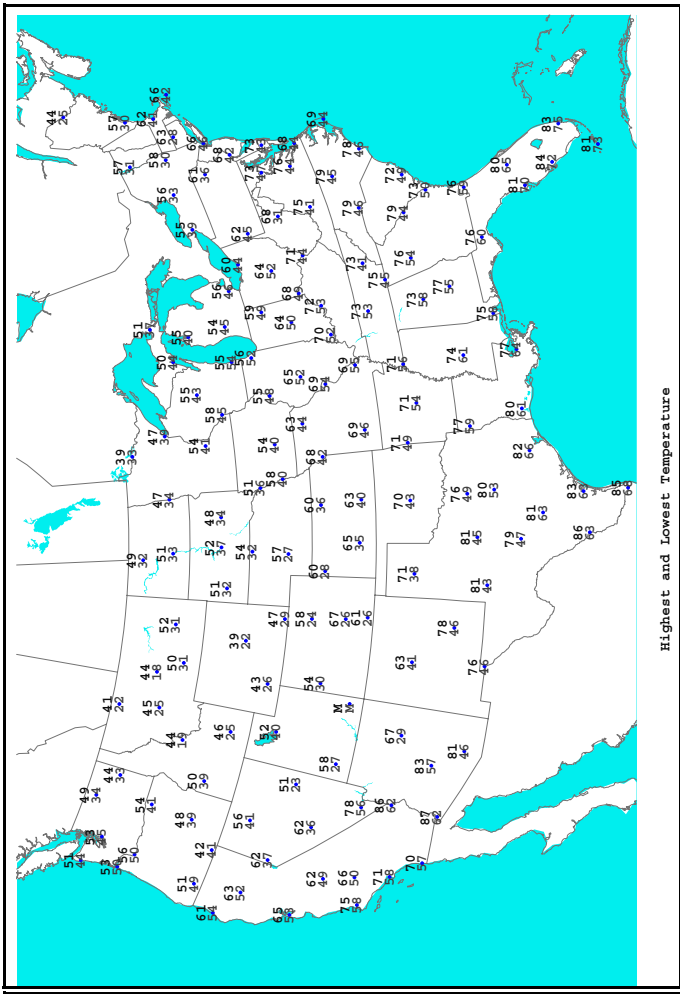
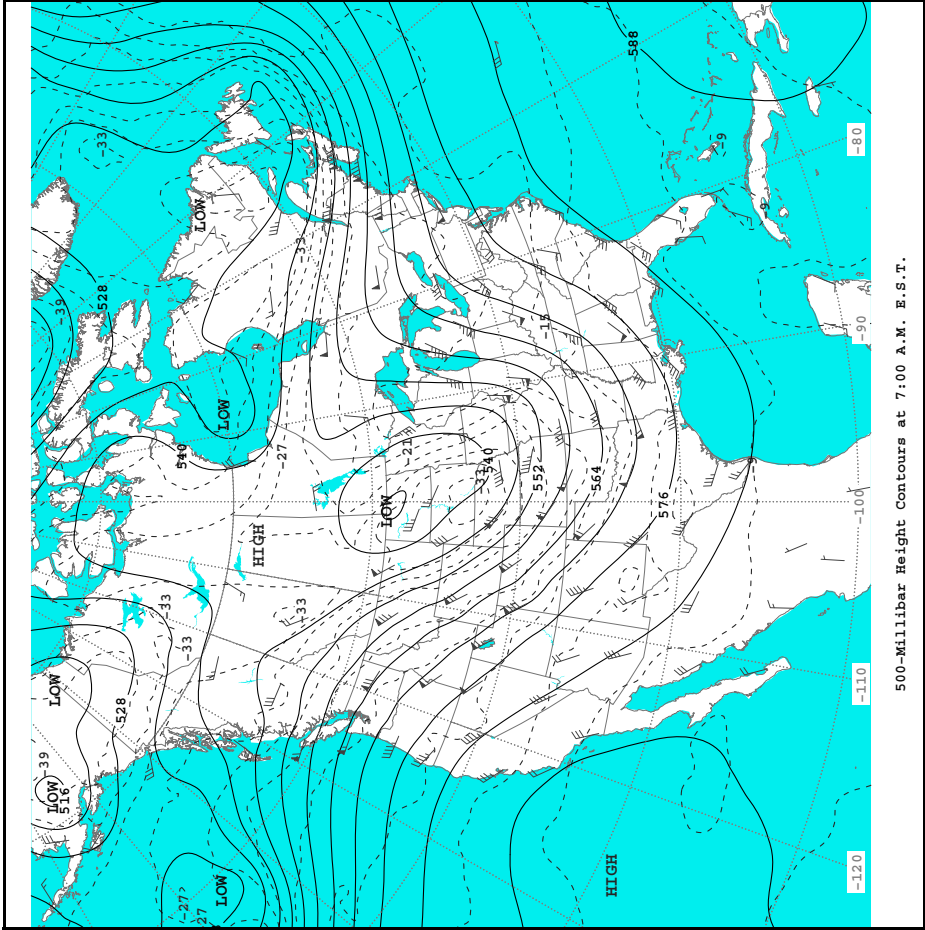
WEDNESDAY, NOVEMBER 10, 2021



This is a detailed surface weather map of the North Atlantic Ocean and surrounding landmasses, including North America, Europe, and Africa. The map displays various weather features:

- Pressure Systems:** High-pressure (H) and low-pressure (L) centers are marked with their respective sea level pressures. For example, a high is centered over the North Atlantic at 1028 hPa, and another is over Europe at 1024 hPa. A low is located off the coast of North America at 1004 hPa.
- Fronts:** Cold fronts are indicated by lines with triangles, and warm fronts by lines with semicircles. Stationary fronts are shown with alternating triangles and semicircles. Occluded fronts are marked with a dashed line.
- Station Weather:** Numerous weather stations are plotted, each with a three-digit code representing wind direction and speed, a two-digit code for cloud cover, and a three-digit code for temperature and dew point. For instance, station 1028 shows a wind of 27 knots from the north, 244 hPa, and a temperature of 9.2°C.
- Other Features:** The map includes a scale bar (0 to 500 nautical miles), a compass rose, and a title at the bottom right: "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.



Wind Direction

Current Temperature (in °F)

Visibility (in miles)

Present Weather Symbol

Dew Point Temperature

ff

dd

TT

V

WW

TD

Long Feather - 10 knots

Short Feather - 5 knots

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

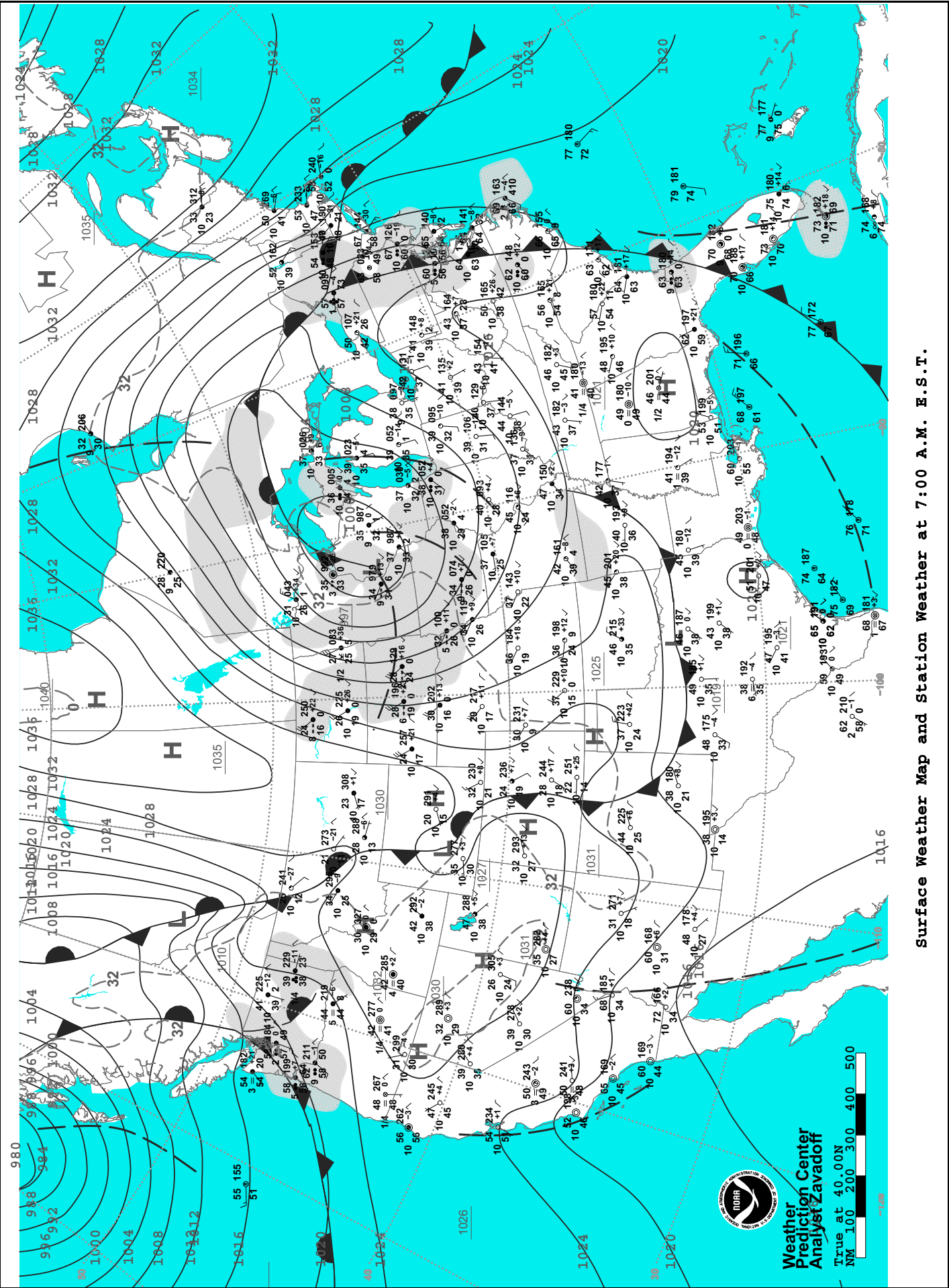
3 Hour Pressure Tendency (in tenths)

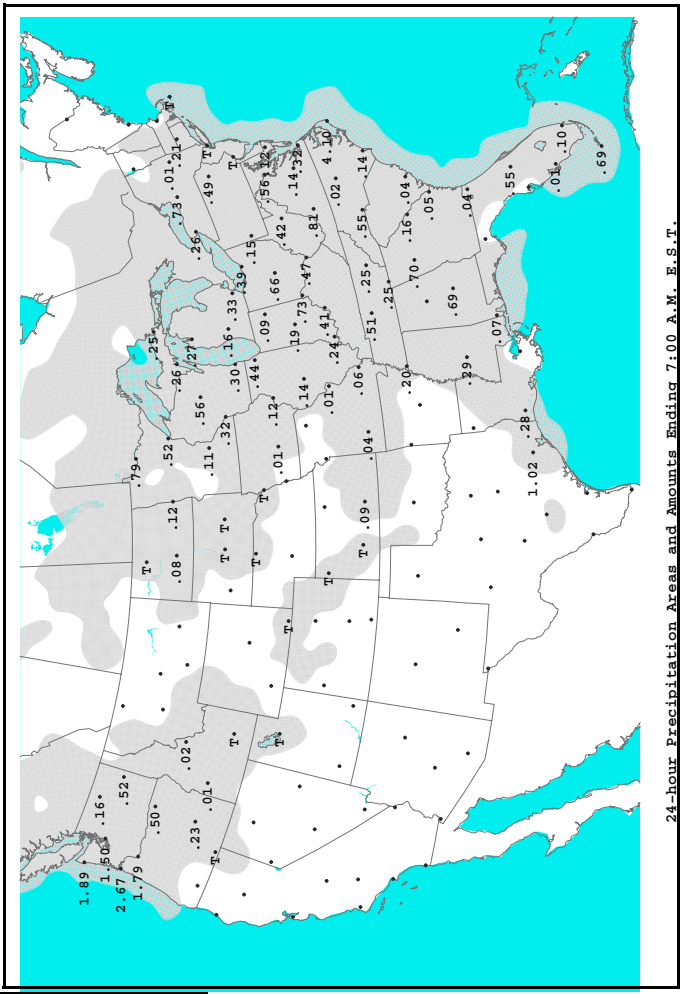
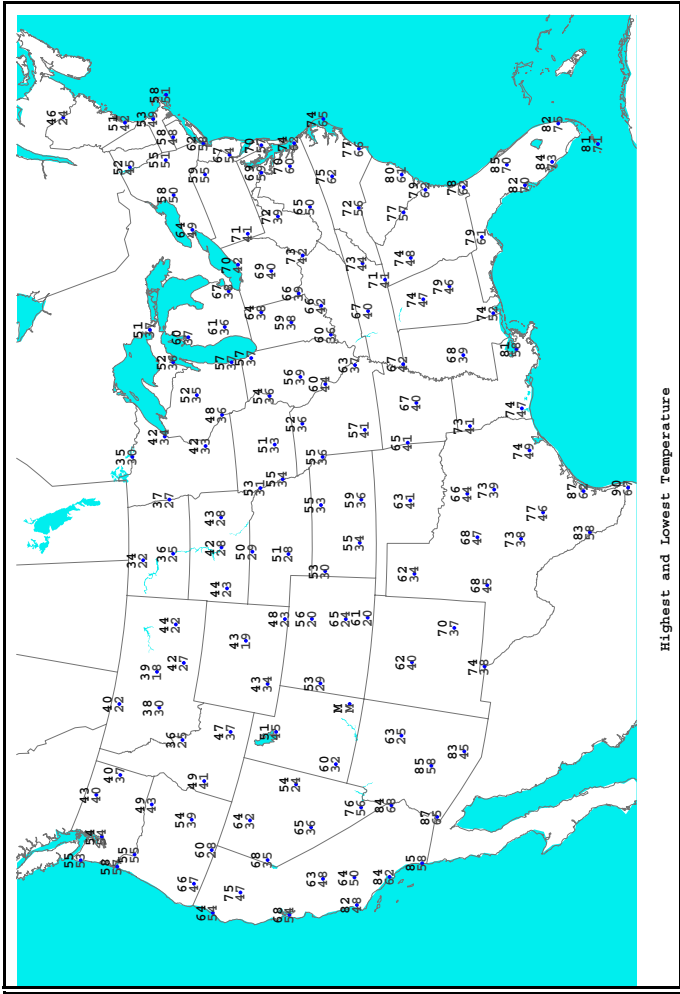
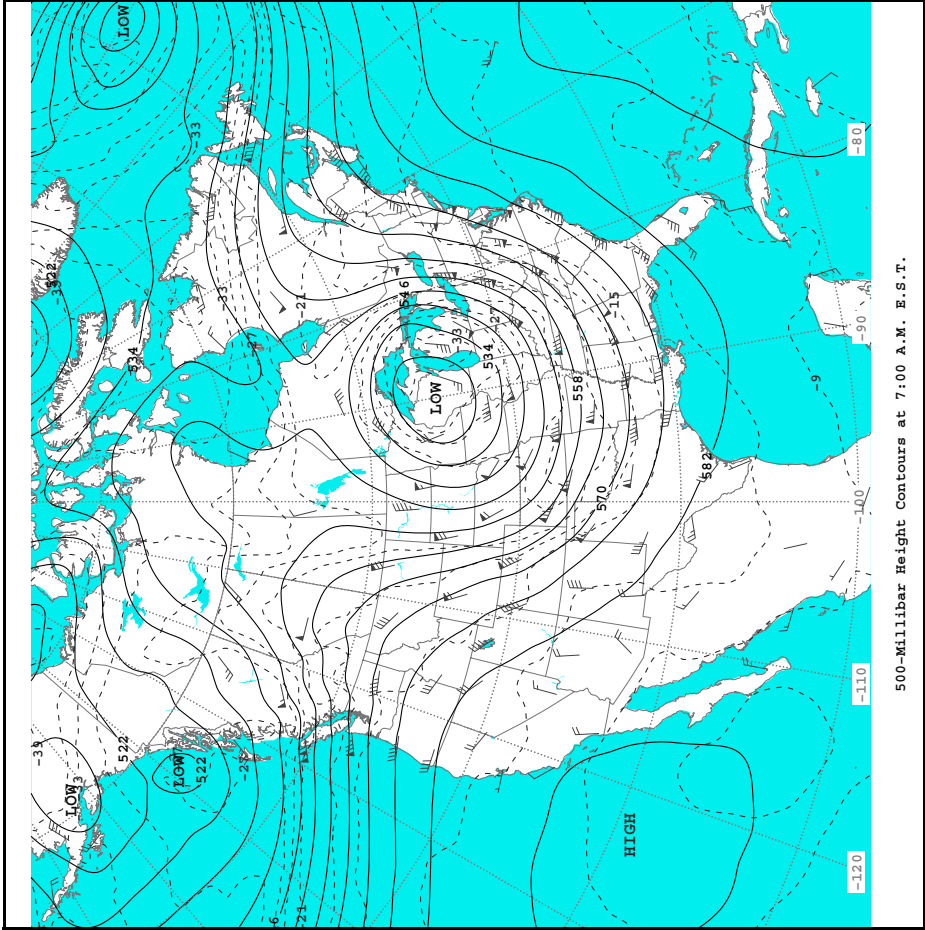
6 Hour Total Precipitation (in hundredths of an inch)

Sky Cover

Station Model

THURSDAY, NOVEMBER 11, 2021





Wind Direction

Current Temperature (in °F)

Visibility (in miles)

Present Weather Symbol

Dew Point Temperature

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

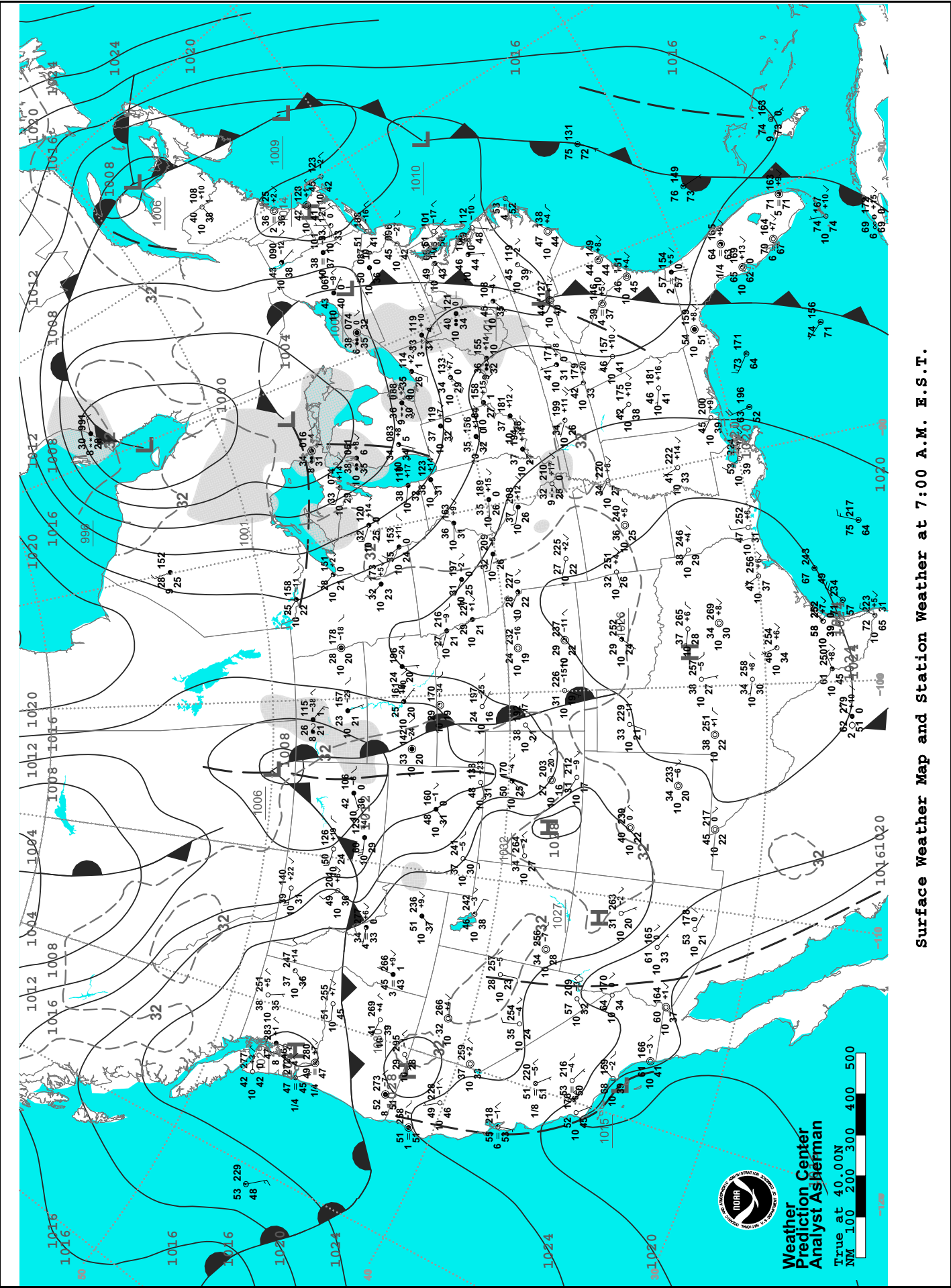
3-Digit Surface Pressure (in tenths) Ex:
999 = 998.9mb,
012 = 1001.2mb

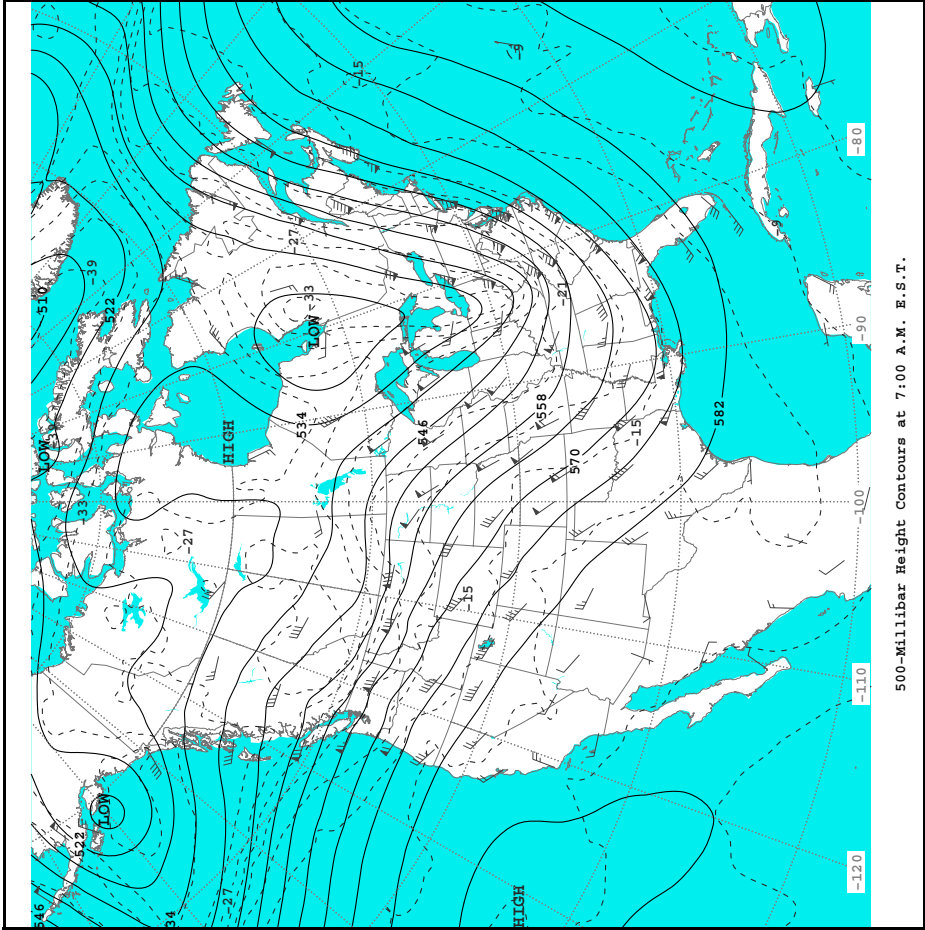
3 Hour Pressure Tendency (in tenths)

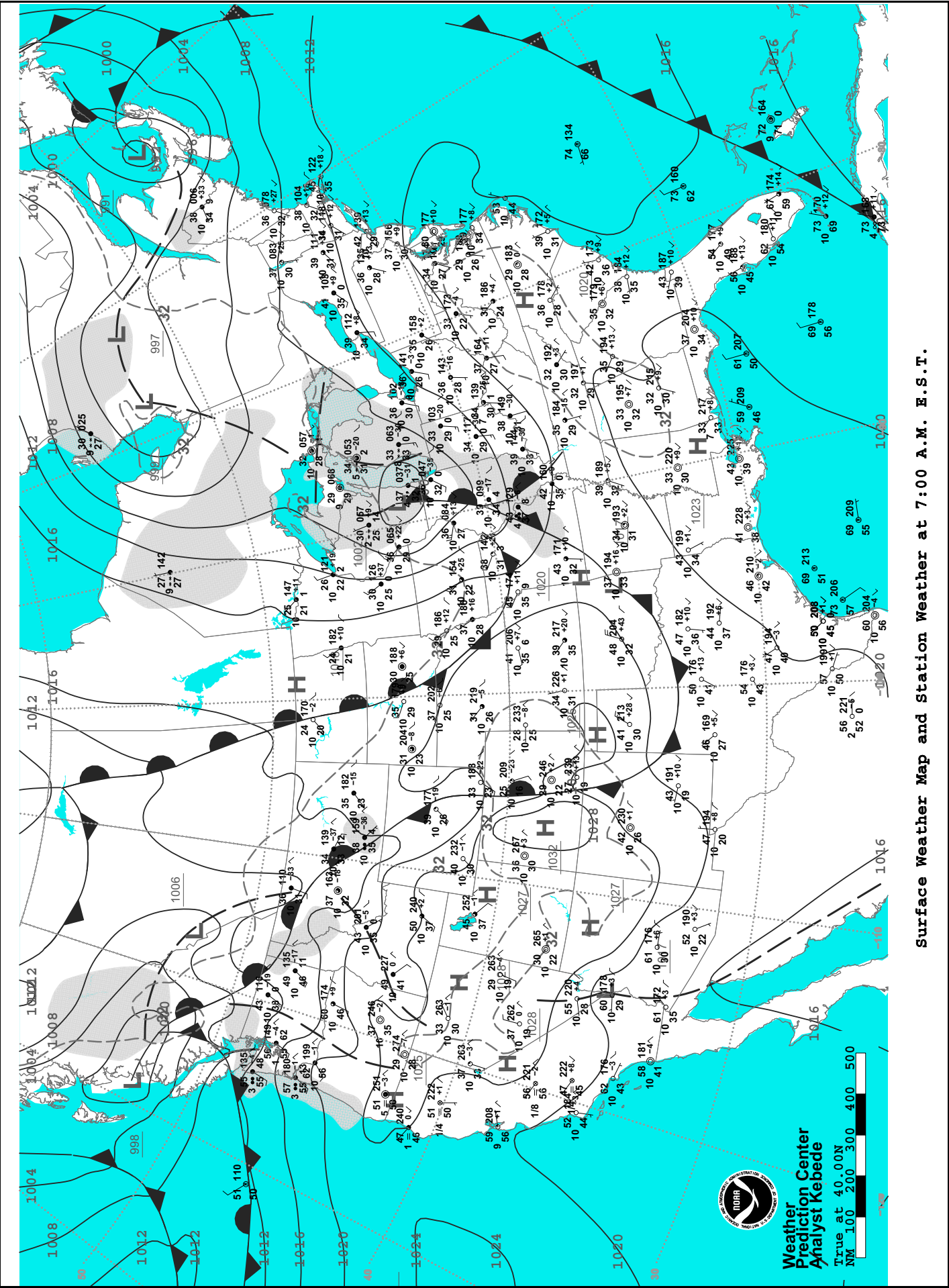
6 Hour Total Precipitation (in hundredths of an inch)

Station Model

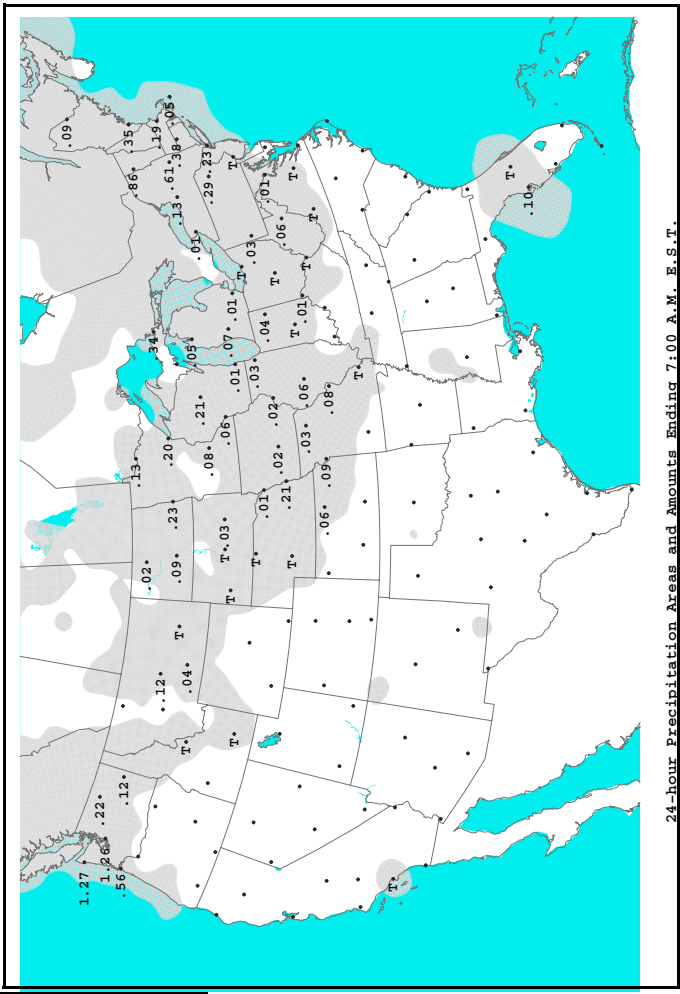
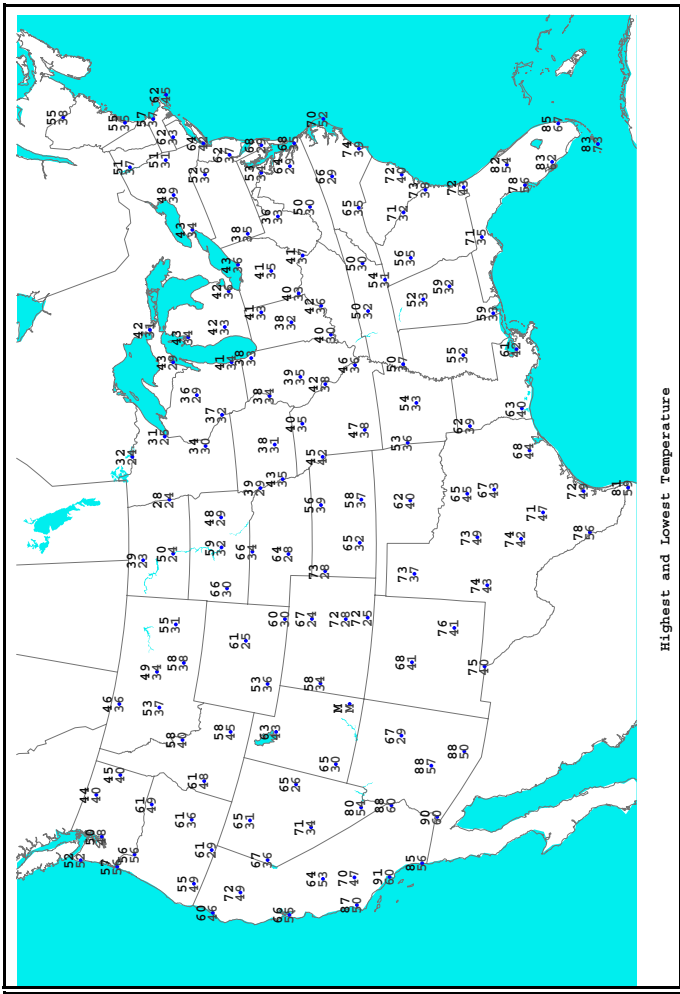
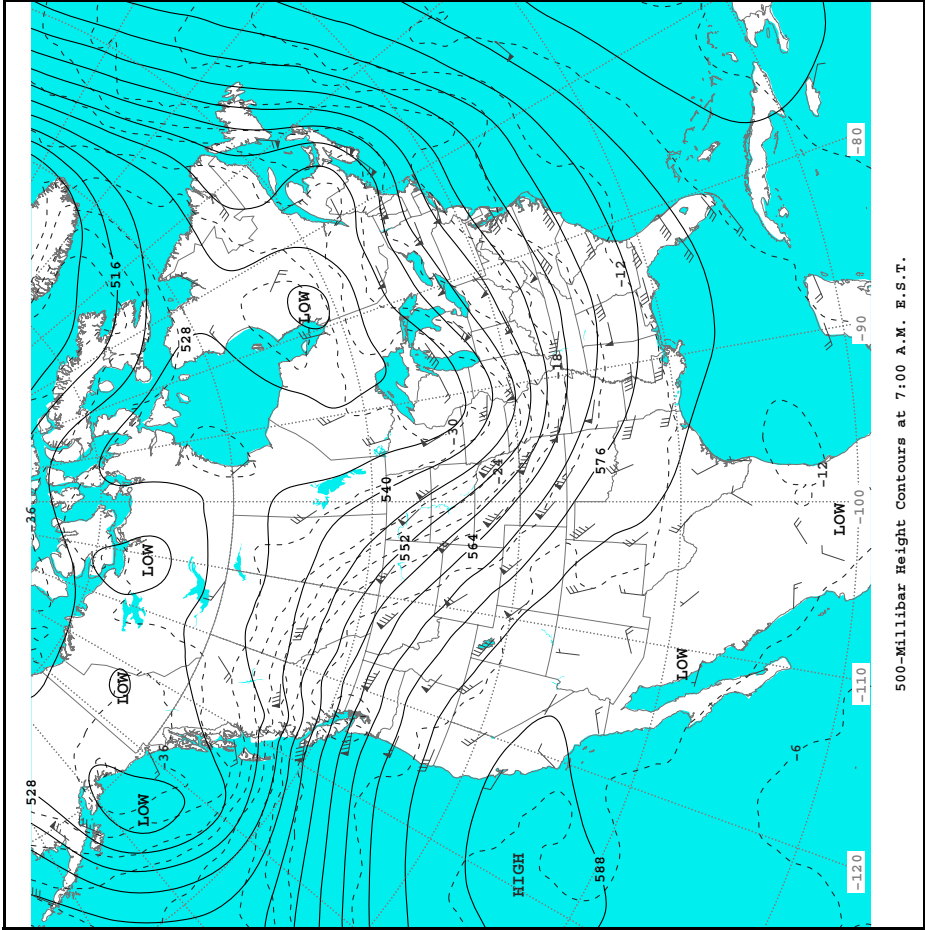
FRIDAY, NOVEMBER 12, 2021







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



Wind Direction

Current Temperature (in °F)

Visibility (in miles)

Present Weather Symbol

Dew Point Temperature

Wind Speed

Long Feather - 10 knots

Short Feather - 5 knots

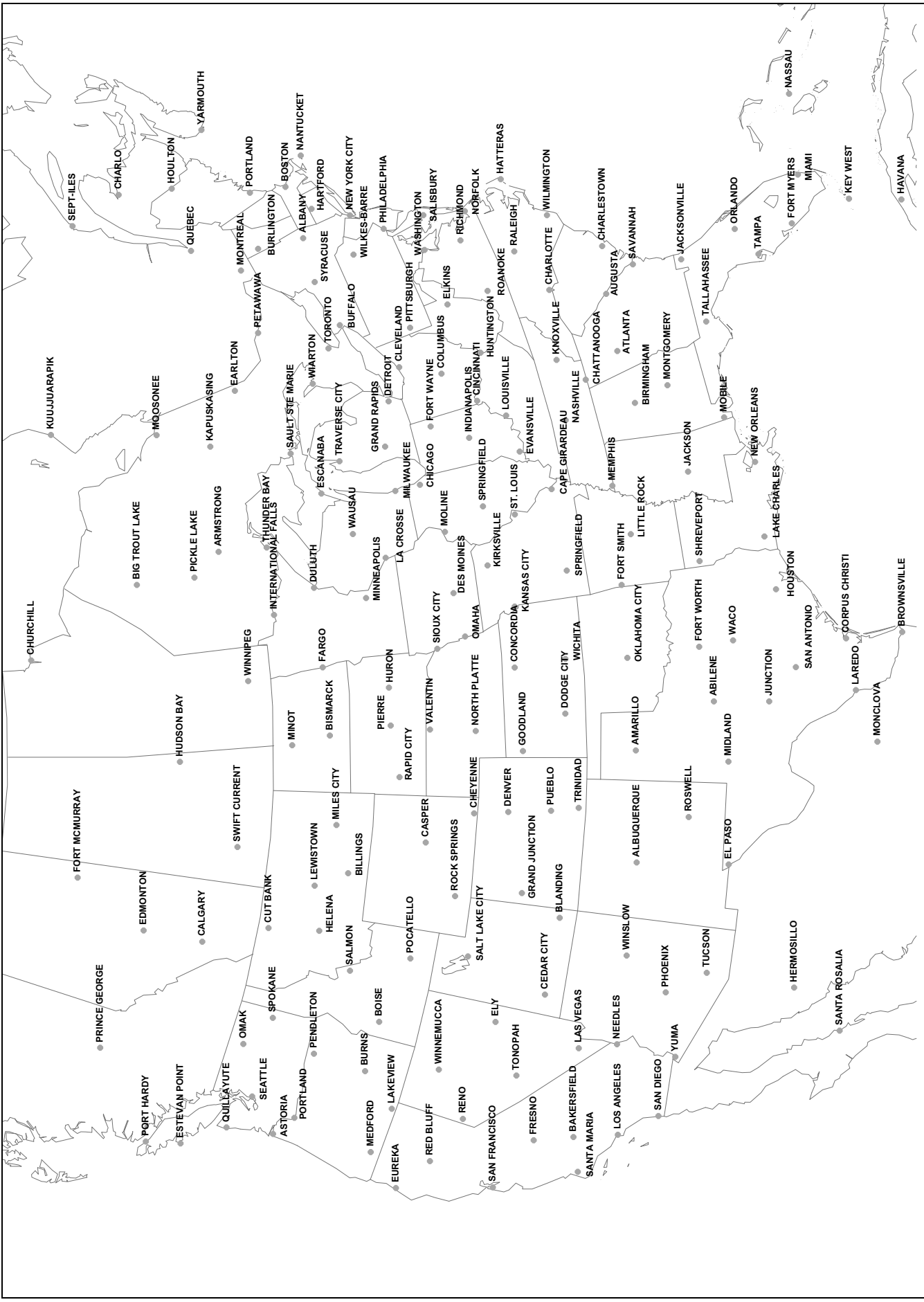
3-Digit Surface Pressure (in tenths) Ex: 989 = 998.9mb, 012 = 1001.2mb

3 Hour Pressure Tendency (in tenths)

6 Hour Total Precipitation (in hundredths of an inch)

Station Model

SUNDAY, NOVEMBER 14, 2021



Daily Weather Map Station Names and Locations