**National Oceanic and Atmospheric Administration • National Weather Service**
**National Centers for Environmental Prediction • Hydrometeorological Prediction Center**

# Daily Weather Maps

## JANUARY 16, 2012 - JANUARY 22, 2012

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.

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.

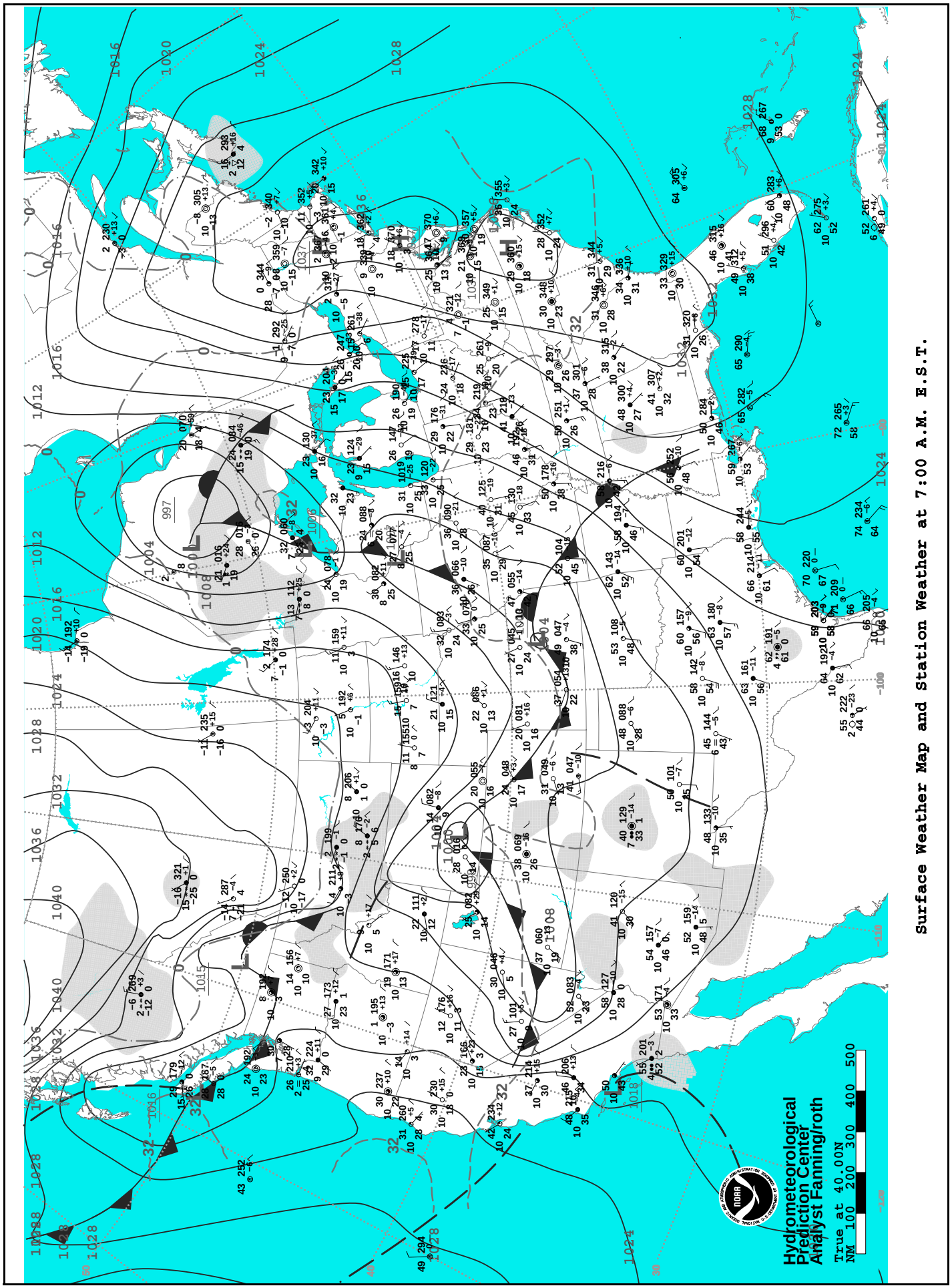
Annual subscriptions: Domestic and International subscriptions are **$75**. Check and credit card (Visa, MasterCard, Discover, and American Express) payments are accepted. Payments (invoices) should be mailed to: **NNDC/NCDC, P.O. Box 70169, Chicago, IL 60673-0169;** or invoices faxed to: (304) 726-4409.
Send address changes to: **NCDC Subscription Services Center, 310 State Route 956, Building 300, Rocket Center, WV 26726**; call toll free: (866) 742-3322; TDD: (828) 271-4010; fax: (304) 726-4409; or E-mail: noaasubsvcs@imcwv.com

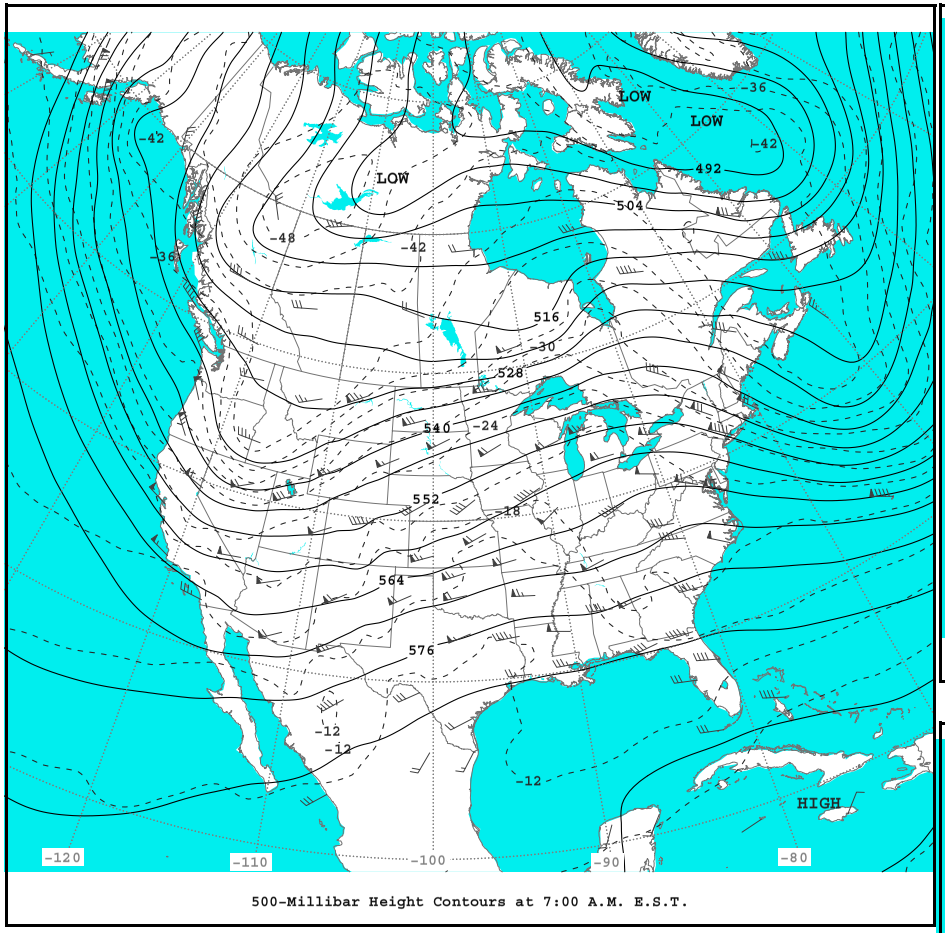
Correspondence to the meteorologists should be directed to: ***Daily Weather Map*, NOAA/National Weather Service, Room 410, 5200 Auth Rd, Camp Springs, MD 20746.**

NOAA/NWS/NCEP/HPC
Daily Weather Maps, W/NP3
5200 Auth Road, Room 410
Camp Springs, MD 20746-4304

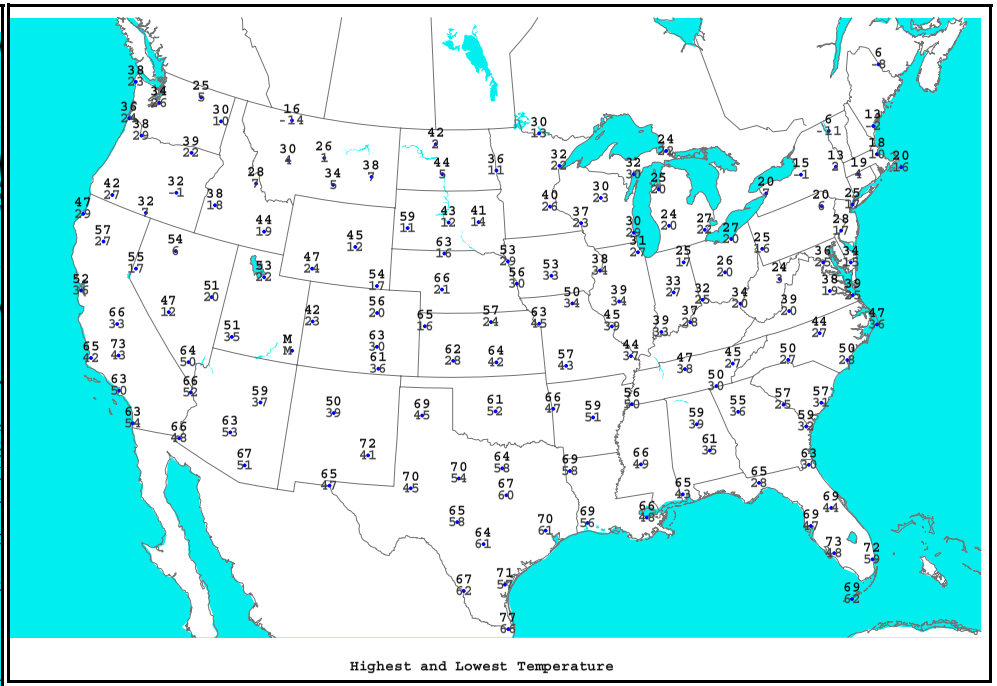
FIRST CLASS MAIL
POSTAGE & FEES PAID
NOAA
PERMIT NO. G-19

**MONDAY, JANUARY 16, 2012**

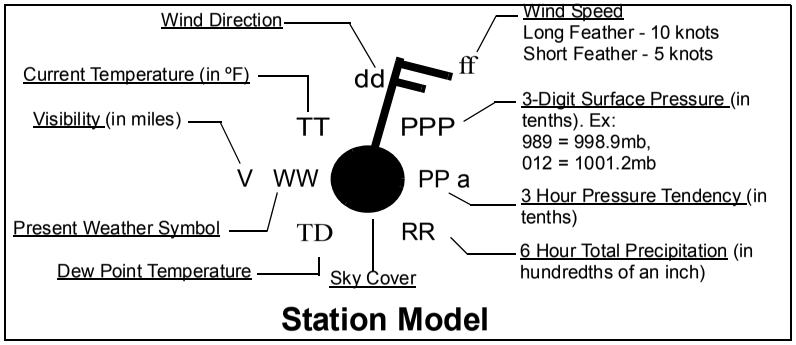




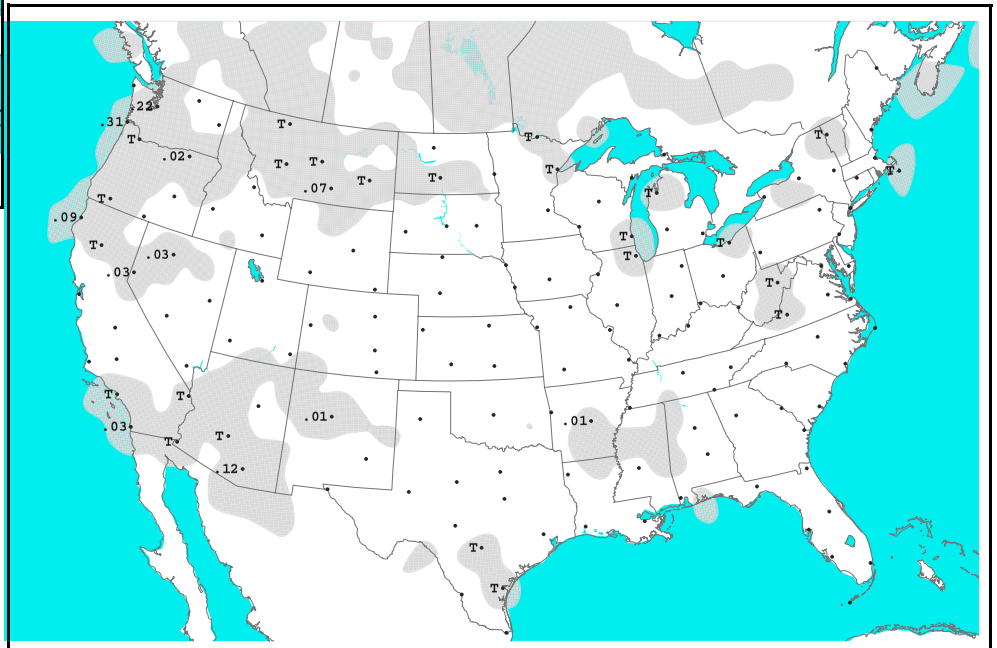

500-Millibar Height Contours at 7:00 A.M. E.S.T.



Highest and Lowest Temperature

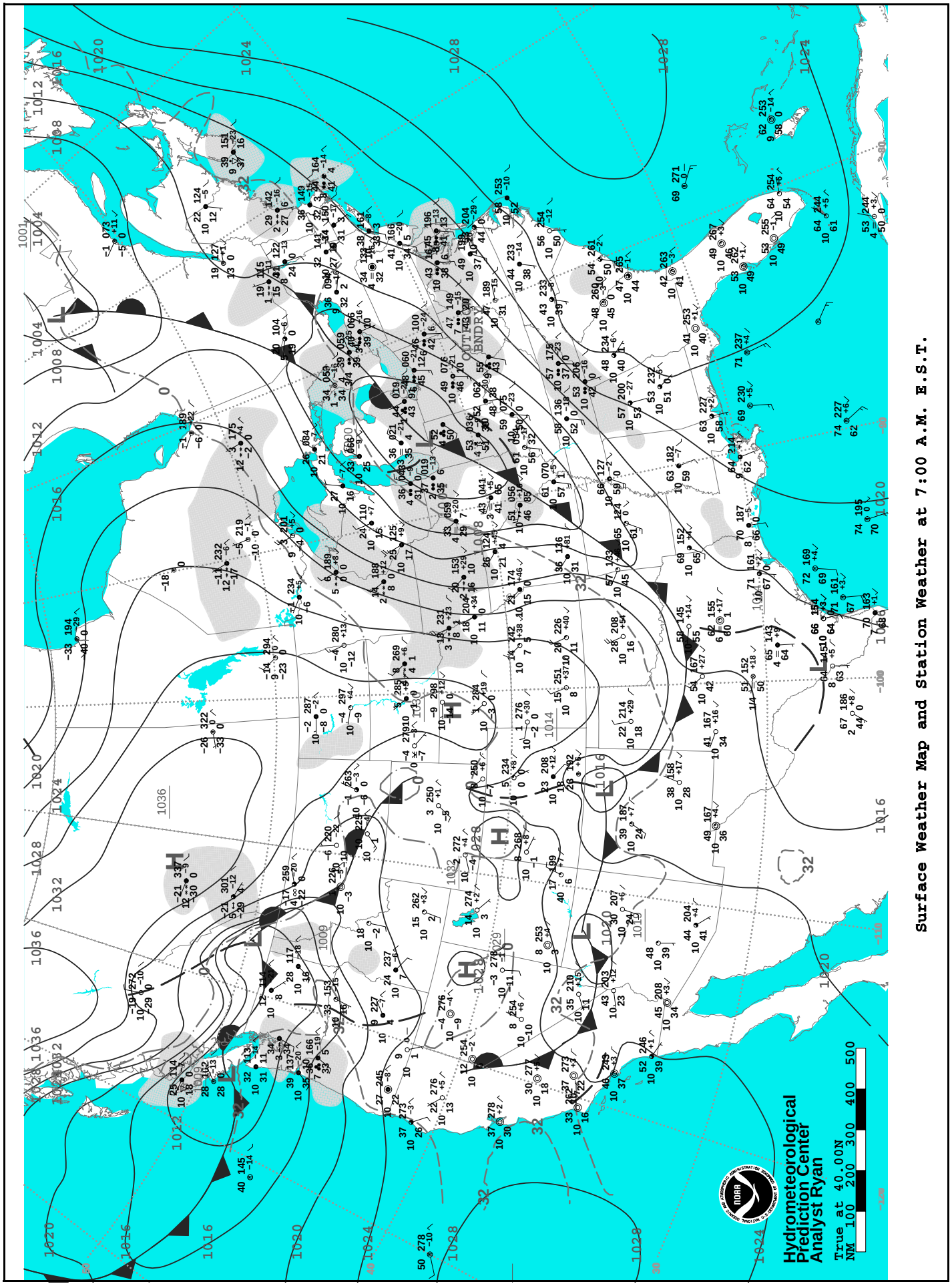


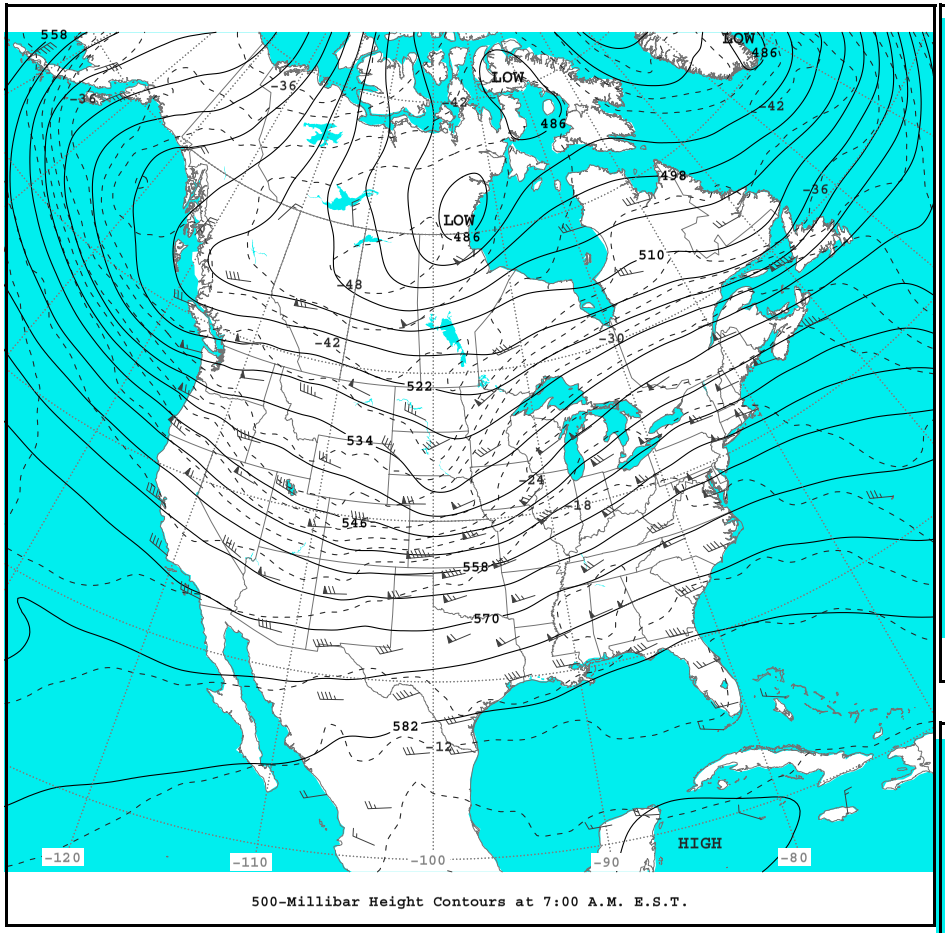

# MONDAY, JANUARY 16, 2012



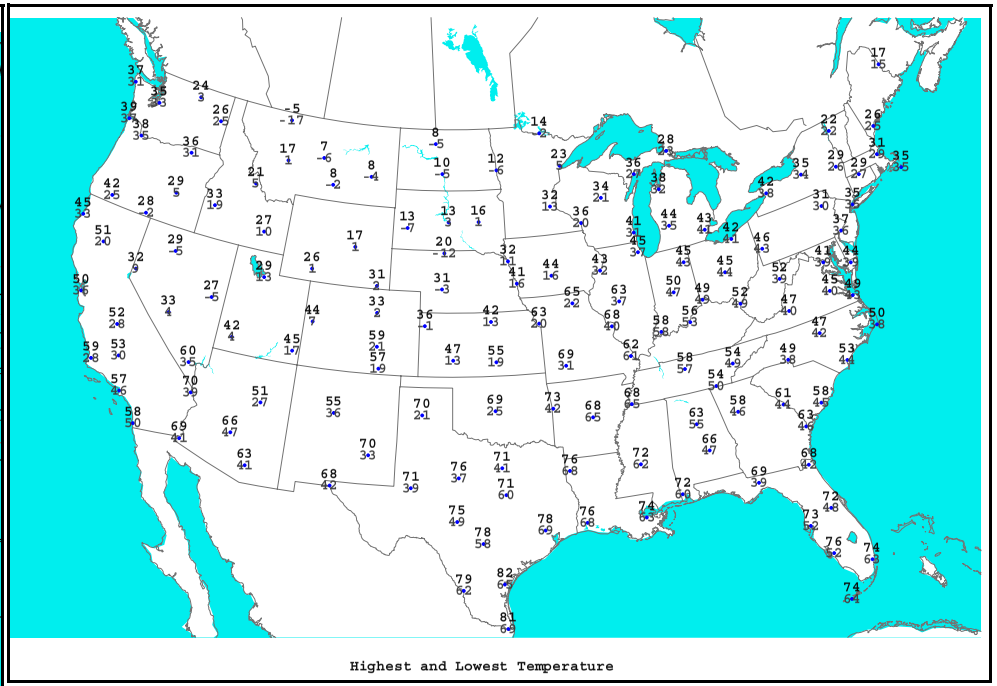
24-hour Precipitation Areas and Amounts Ending 7:00 A.M. E.S.T.

**TUESDAY, JANUARY 17, 2012**

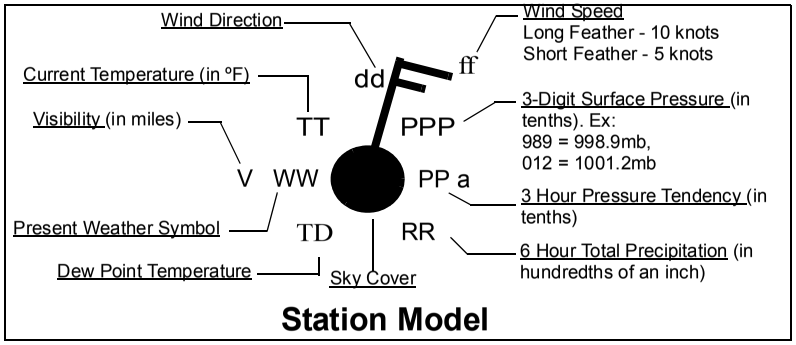




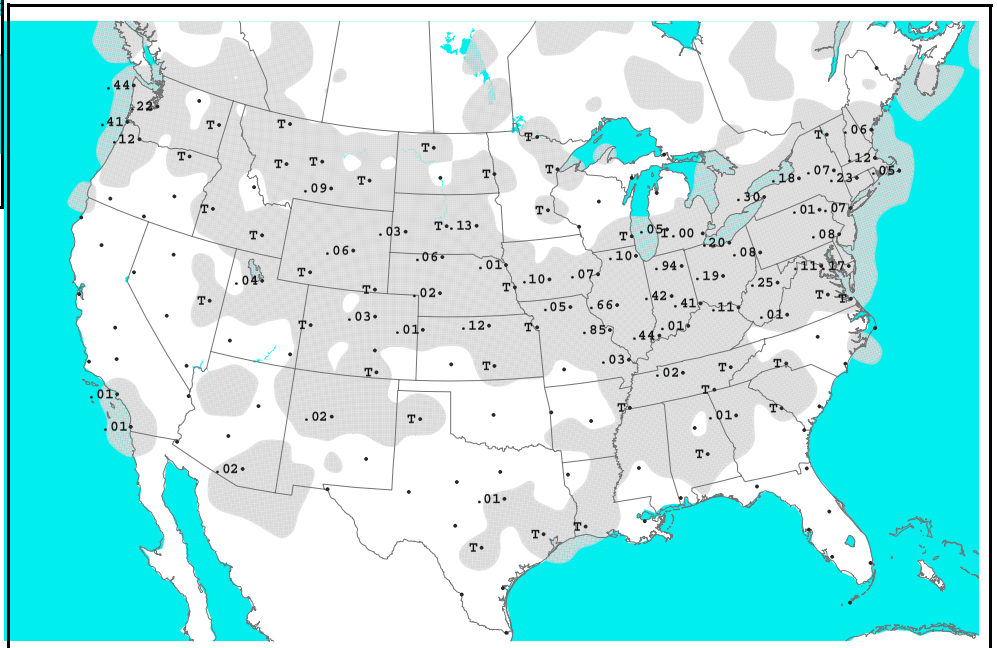

500-Millibar Height Contours at 7:00 A.M. E.S.T.



Highest and Lowest Temperature

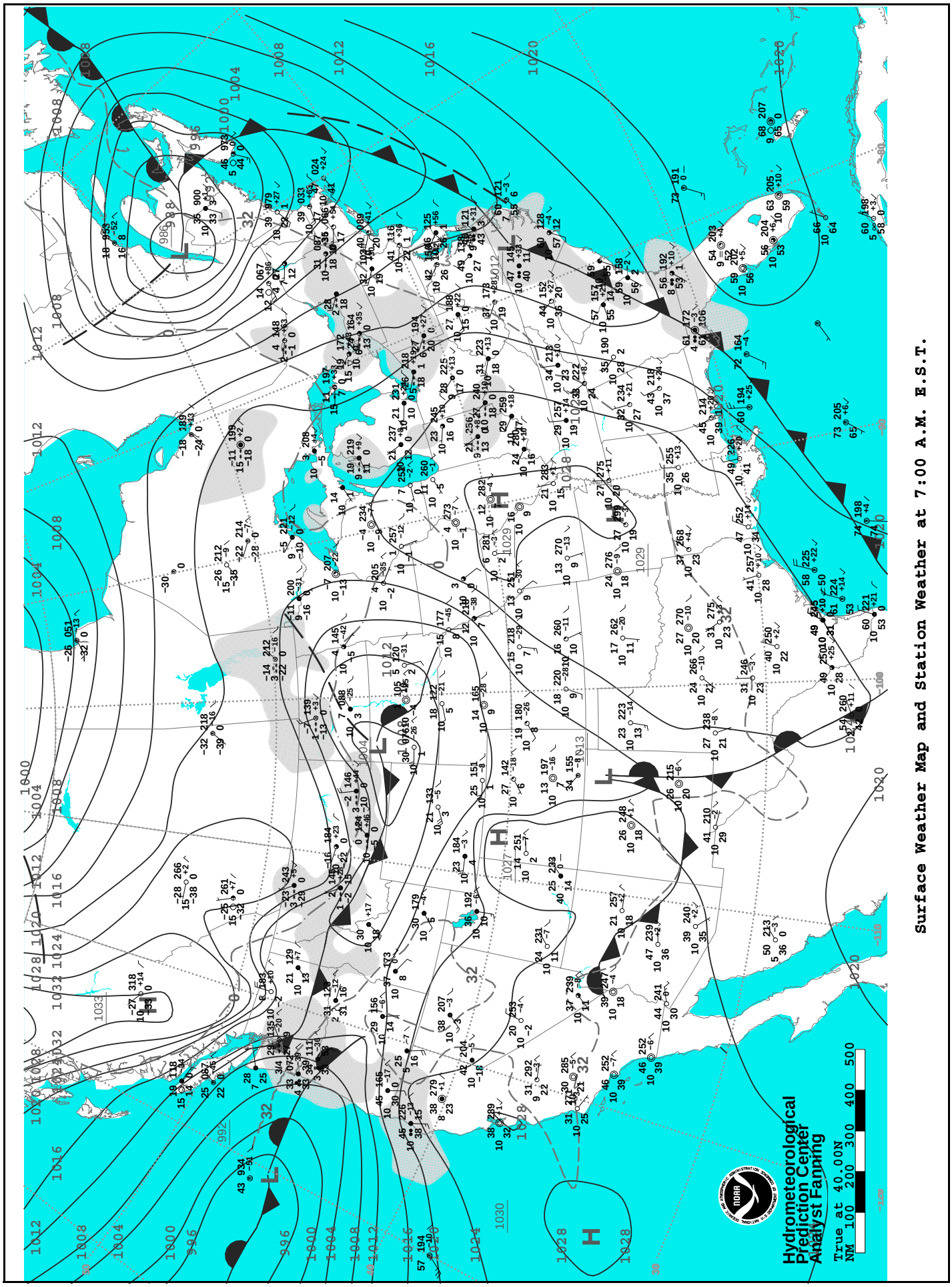


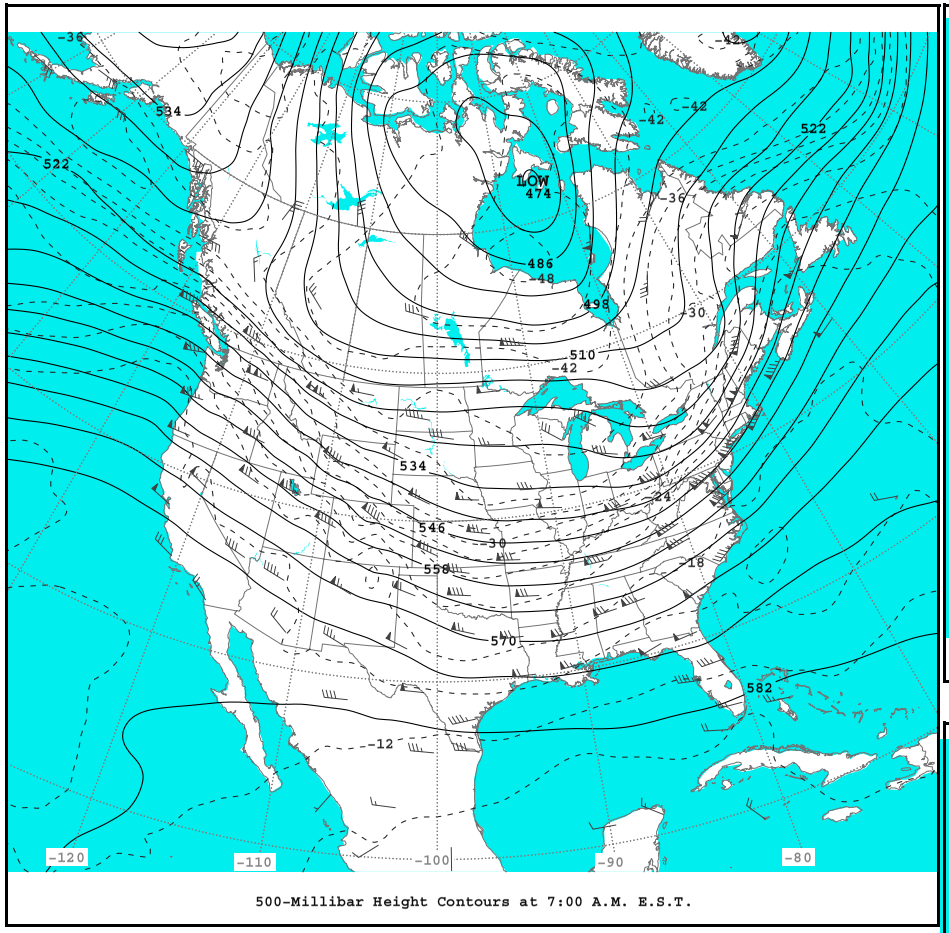

# TUESDAY, JANUARY 17, 2012



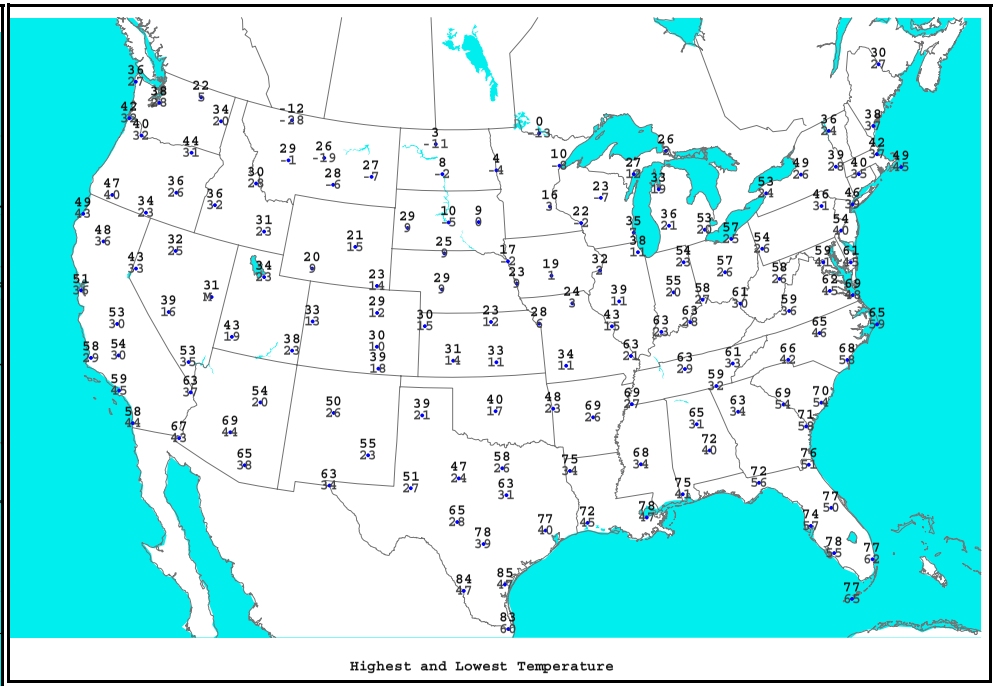
24-hour Precipitation Areas and Amounts Ending 7:00 A.M. E.S.T.

**WEDNESDAY, JANUARY 18, 2012**

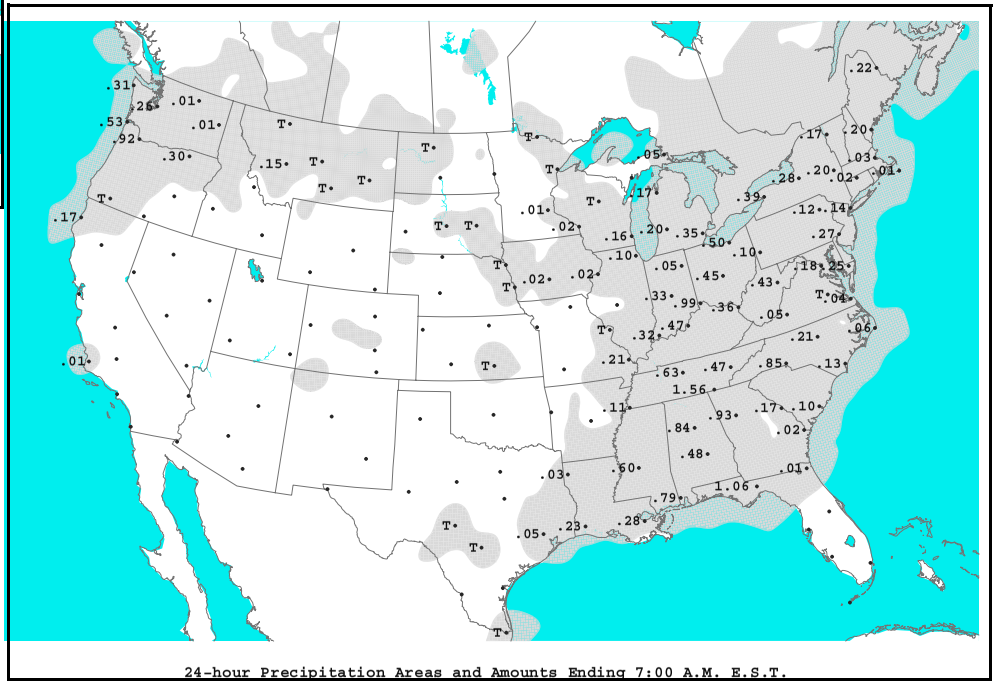




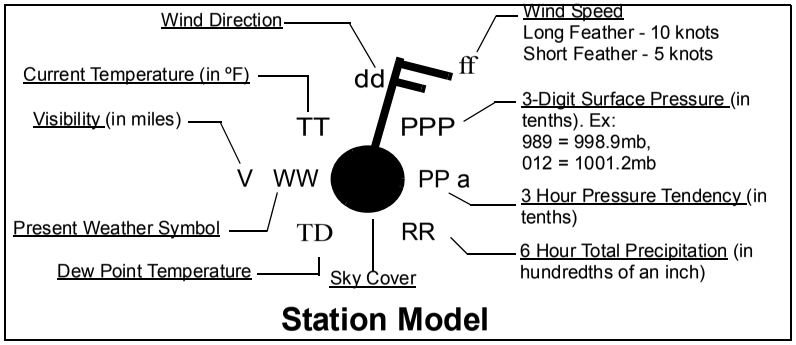

500-Millibar Height Contours at 7:00 A.M. E.S.T.



Highest and Lowest Temperature

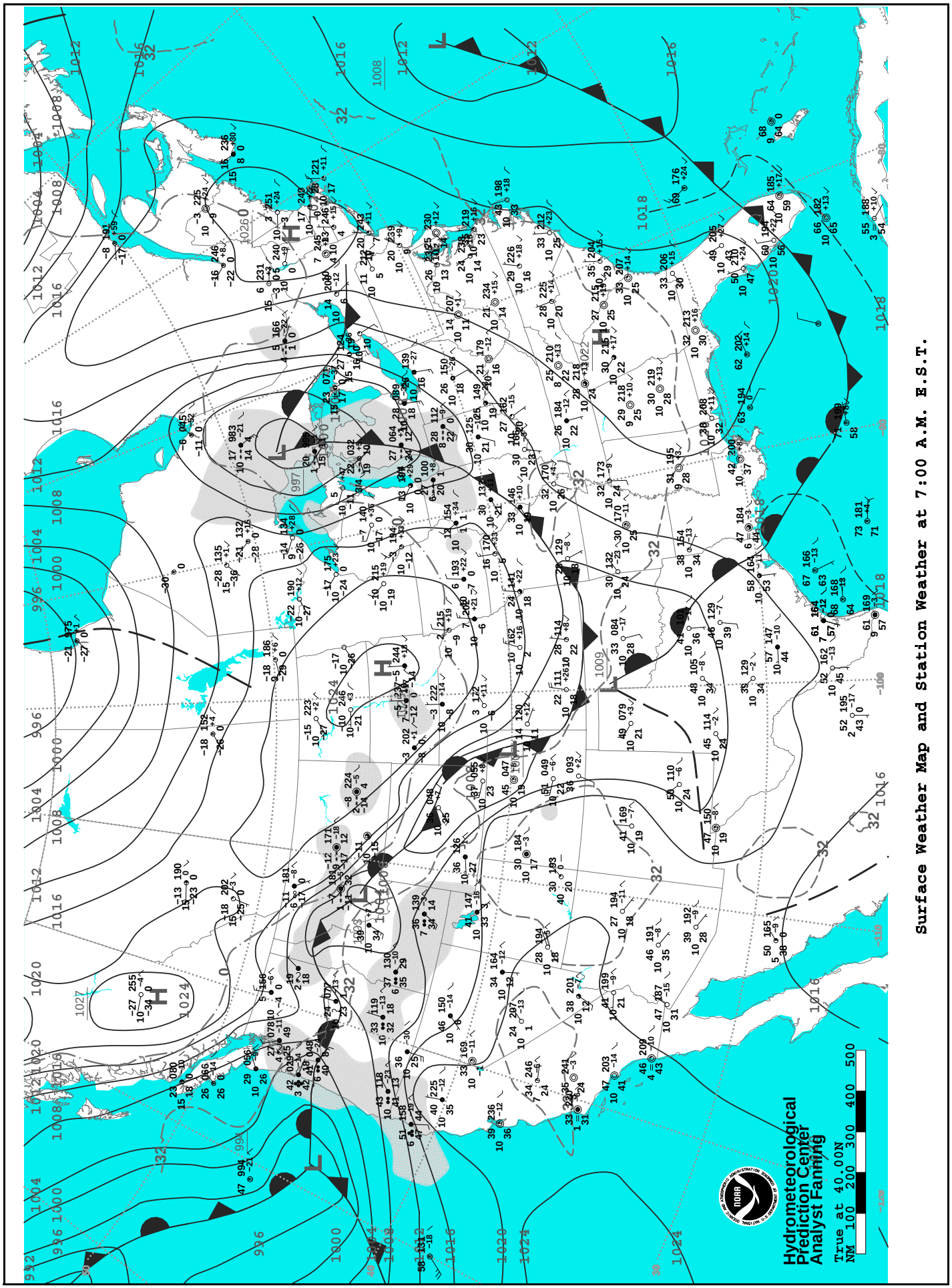


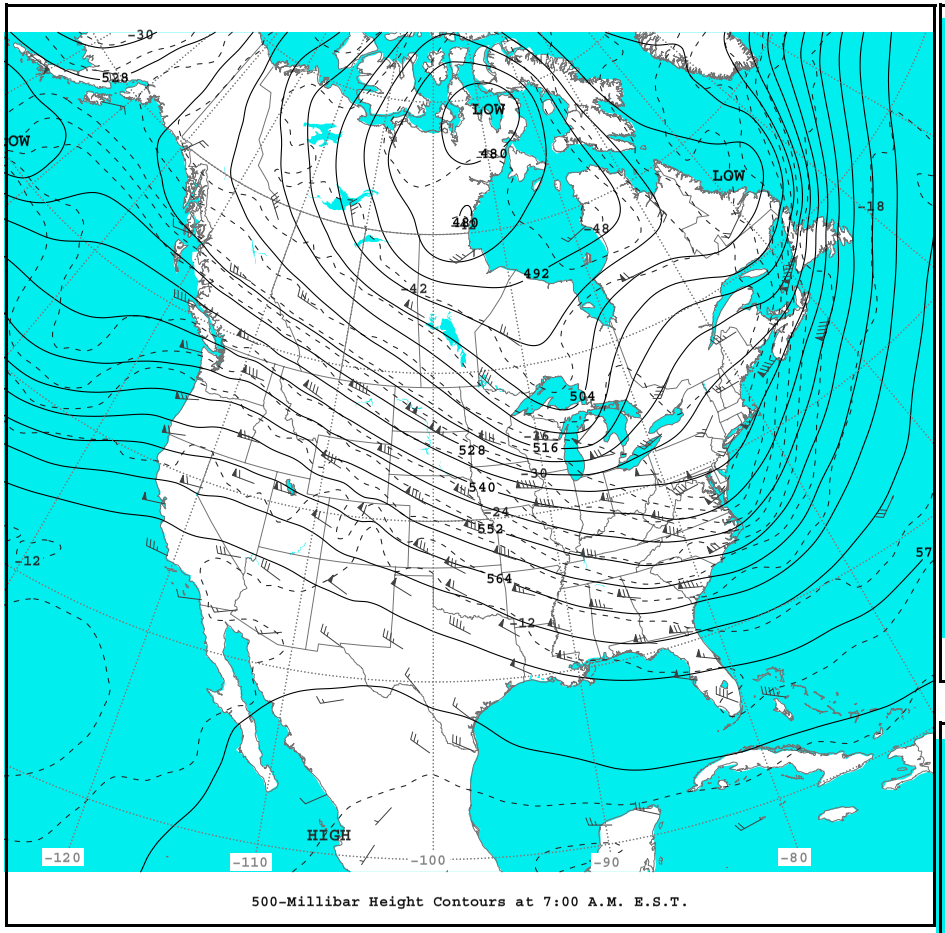
24-hour Precipitation Areas and Amounts Ending 7:00 A.M. E.S.T.



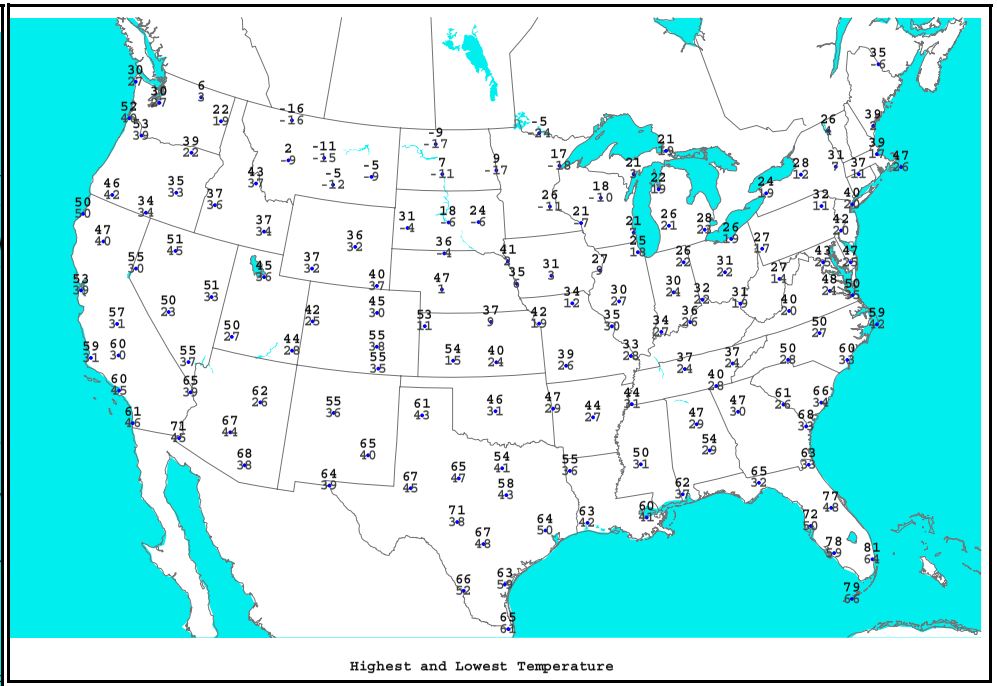

# WEDNESDAY, JANUARY 18, 2012

**THURSDAY, JANUARY 19, 2012**

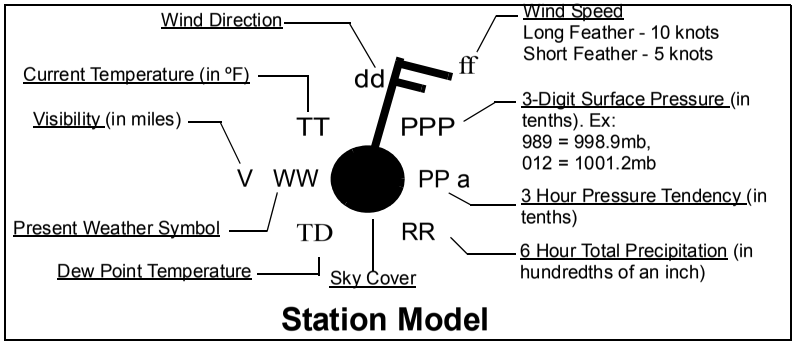




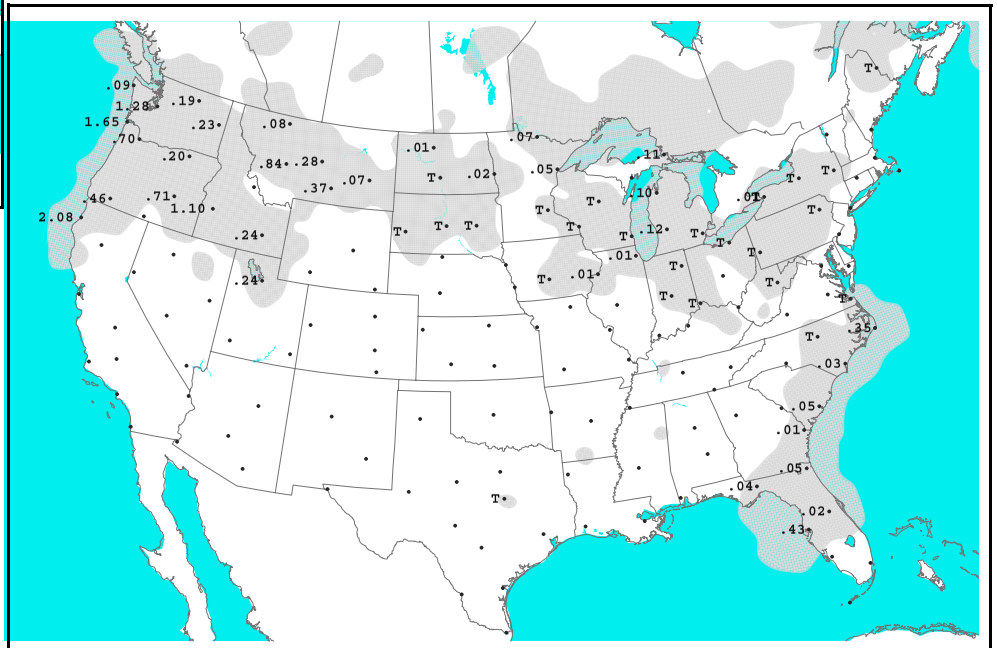

500-Millibar Height Contours at 7:00 A.M. E.S.T.



Highest and Lowest Temperature

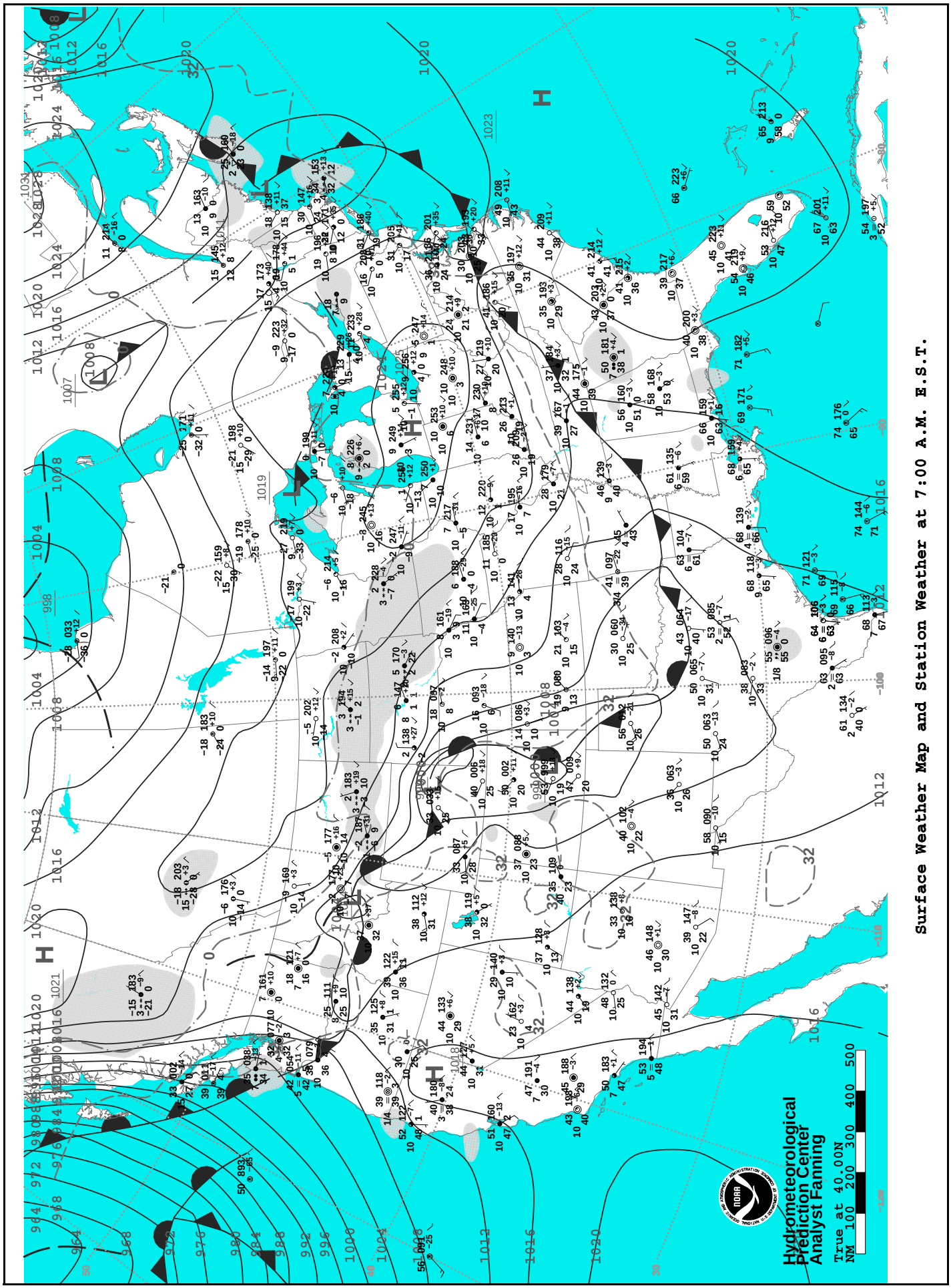


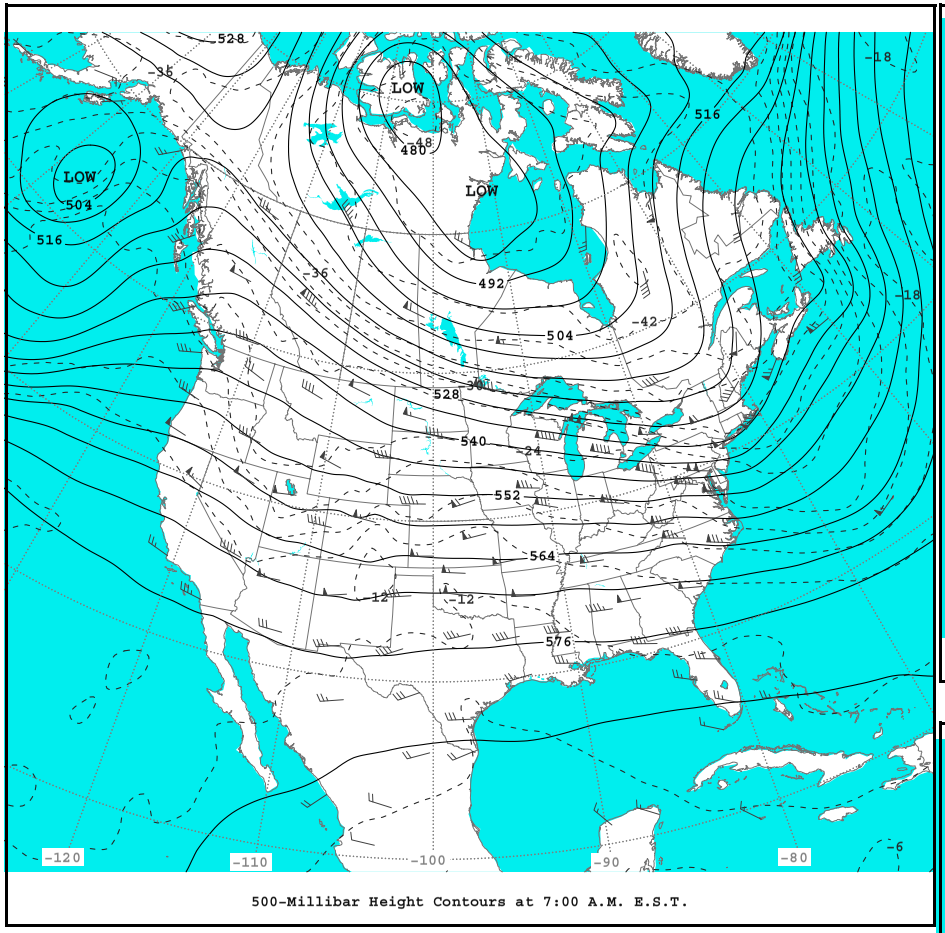

# THURSDAY, JANUARY 19, 2012



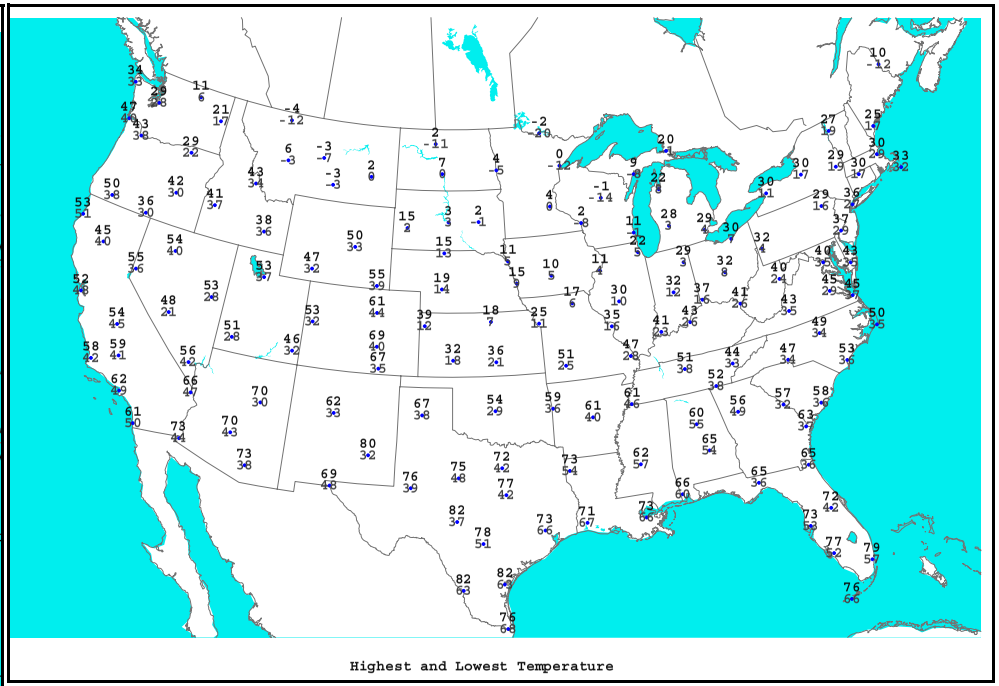
24-hour Precipitation Areas and Amounts Ending 7:00 A.M. E.S.T.

**FRIDAY, JANUARY 20, 2012**

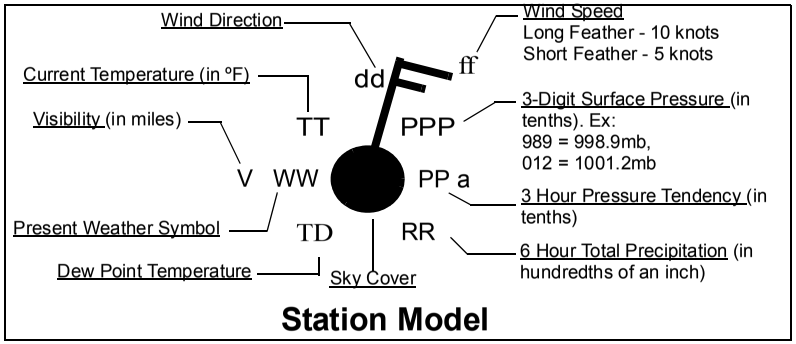




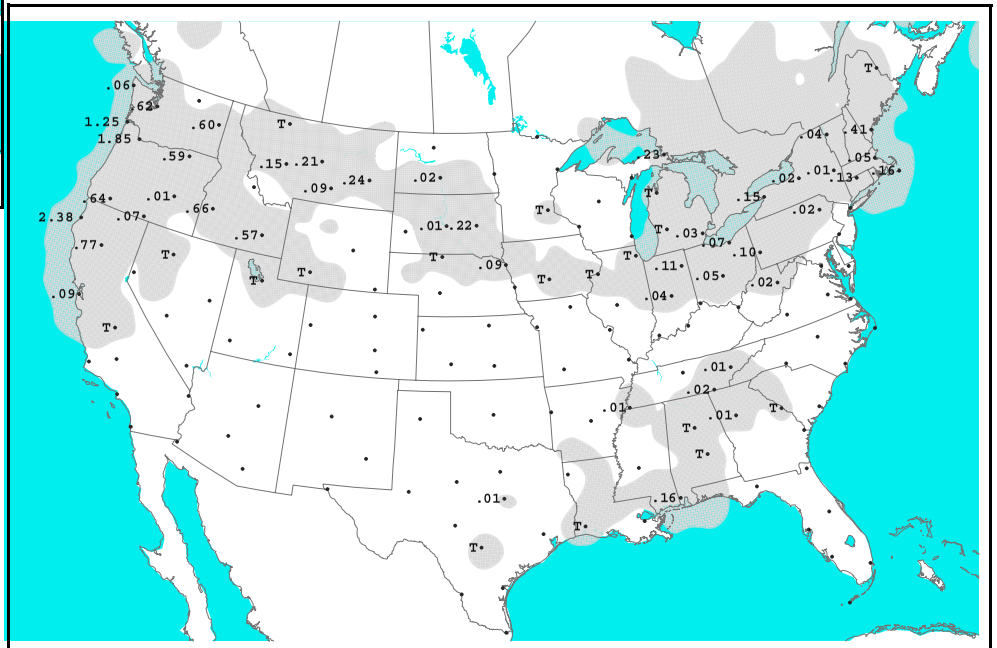

500-Millibar Height Contours at 7:00 A.M. E.S.T.



Highest and Lowest Temperature

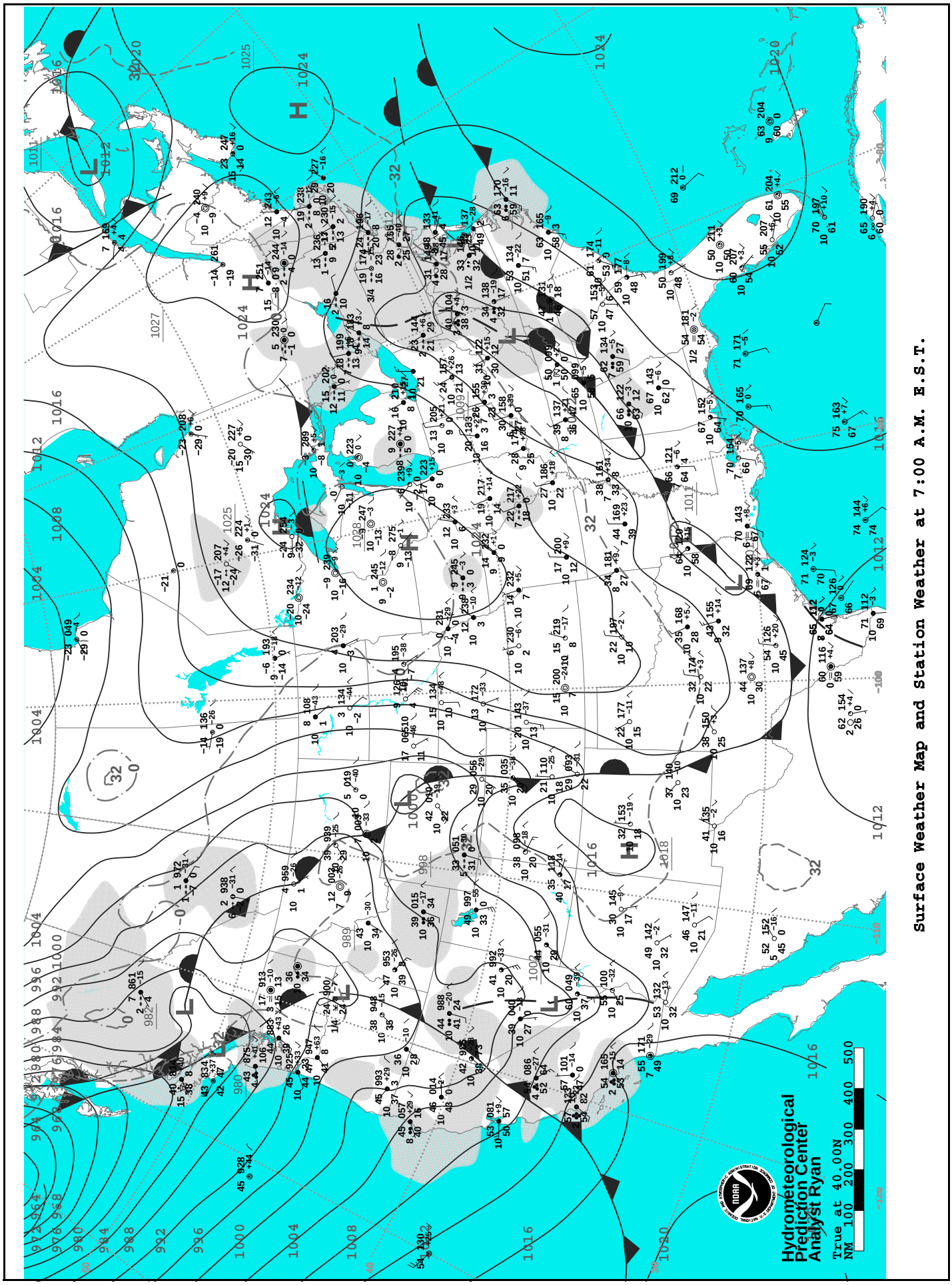


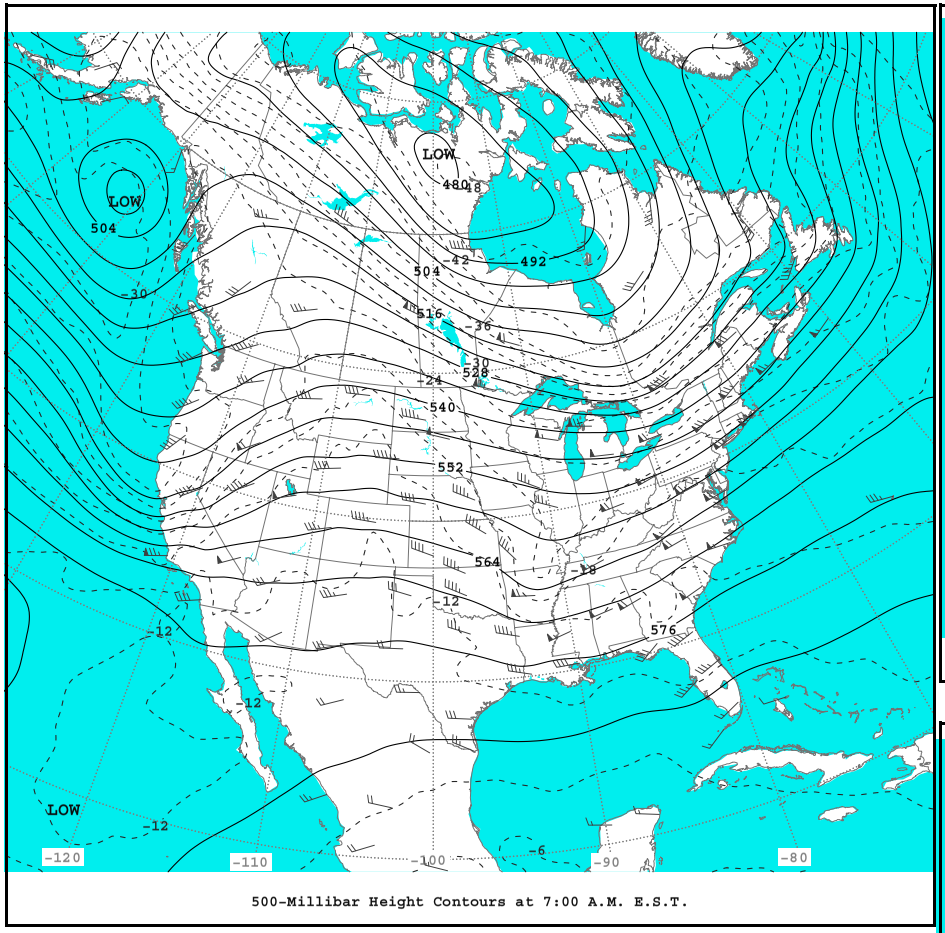

# FRIDAY, JANUARY 20, 2012



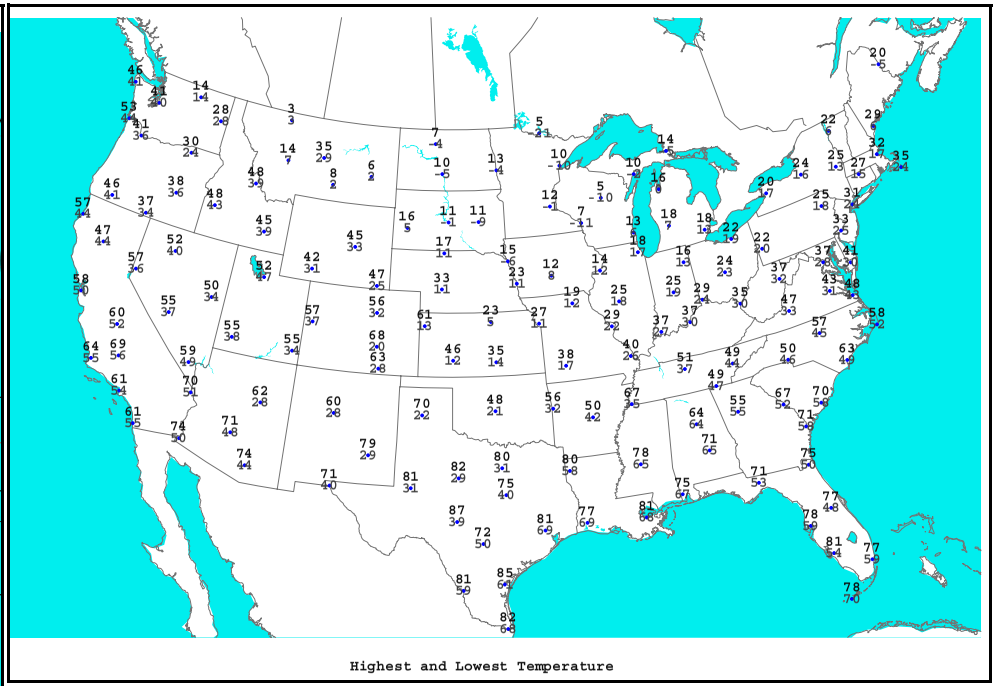
24-hour Precipitation Areas and Amounts Ending 7:00 A.M. E.S.T.

**SATURDAY, JANUARY 21, 2012**

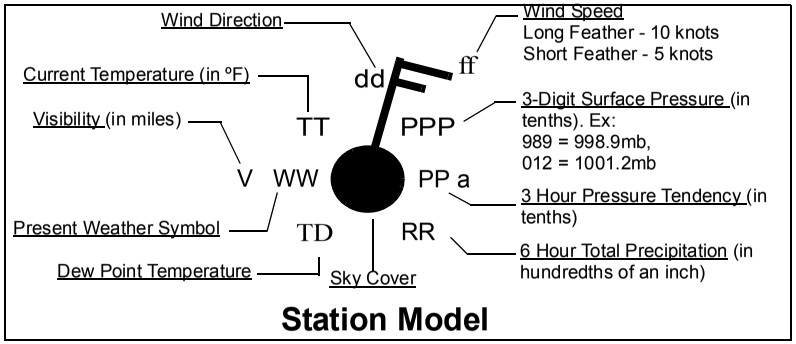


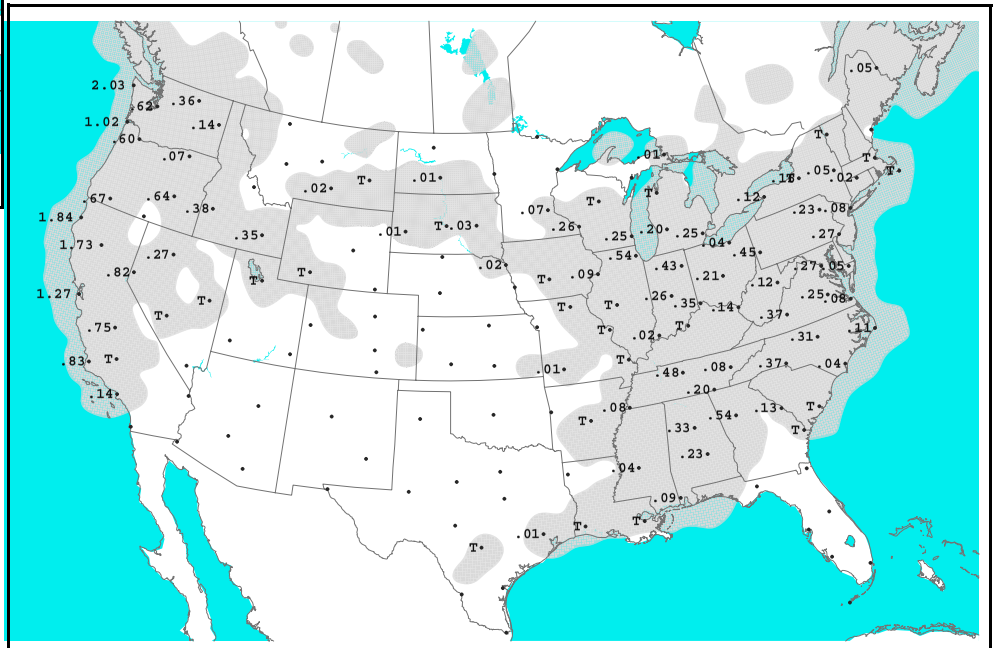



500-Millibar Height Contours at 7:00 A.M. E.S.T.



Highest and Lowest Temperature

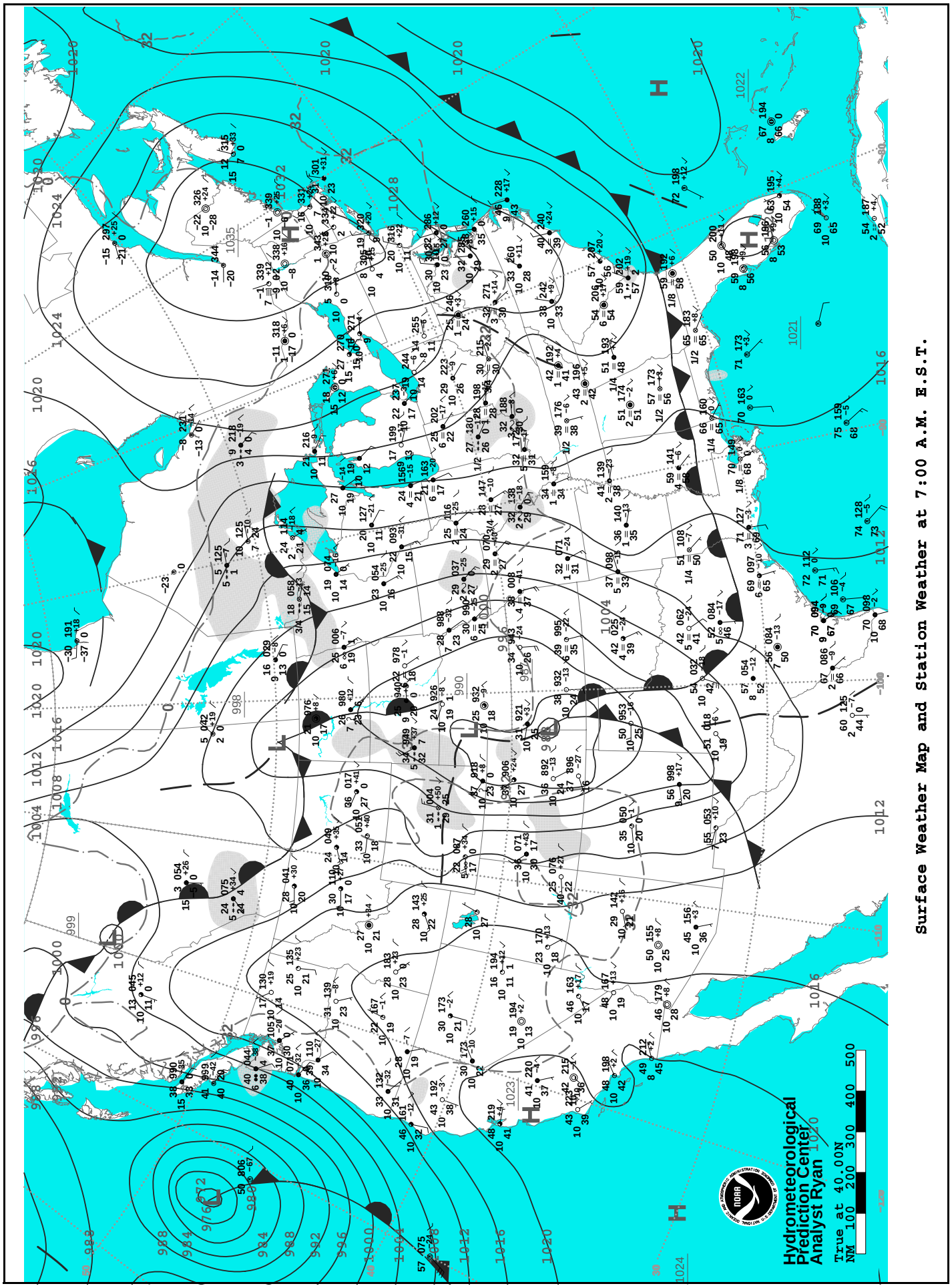


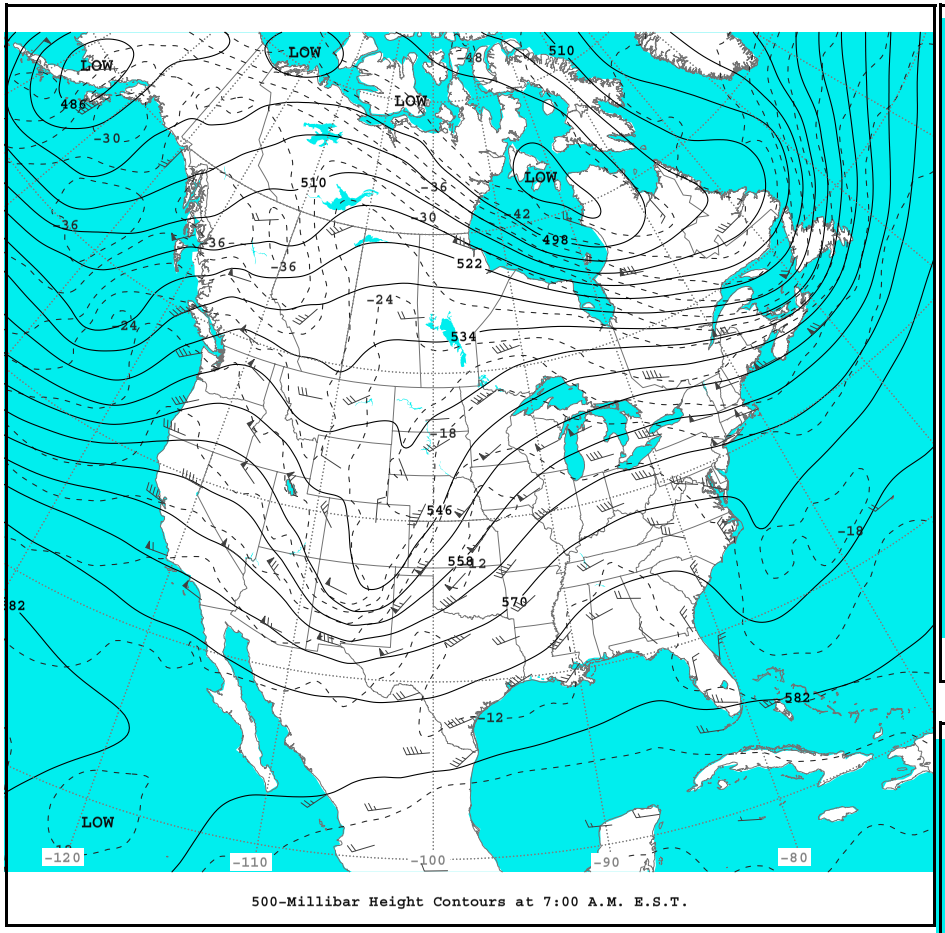



24-hour Precipitation Areas and Amounts Ending 7:00 A.M. E.S.T.

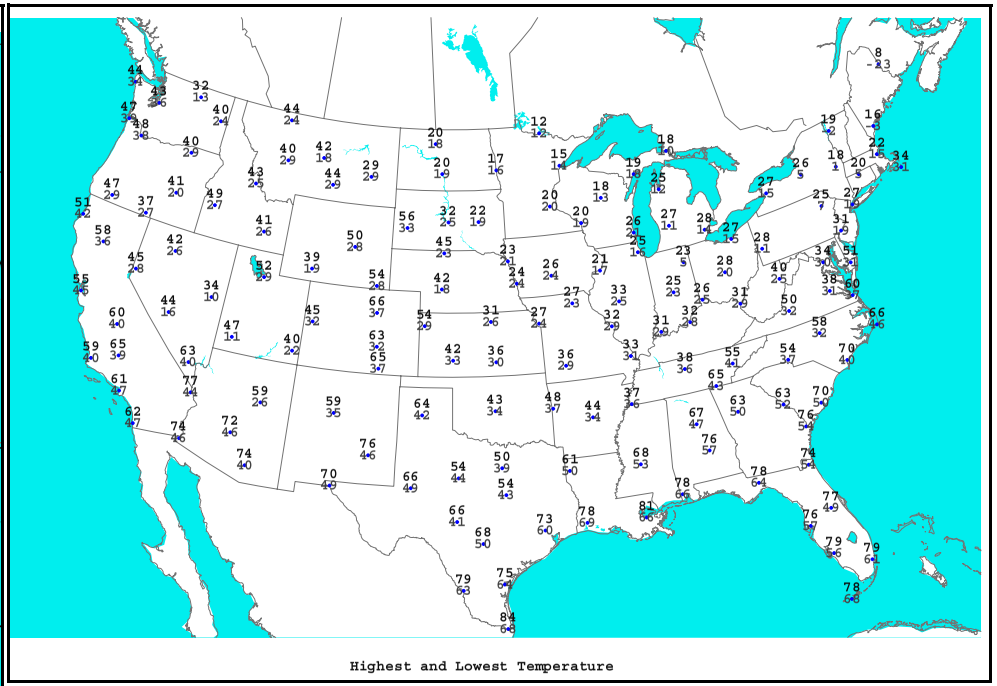
# SATURDAY, JANUARY 21, 2012

**SUNDAY, JANUARY 22, 2012**

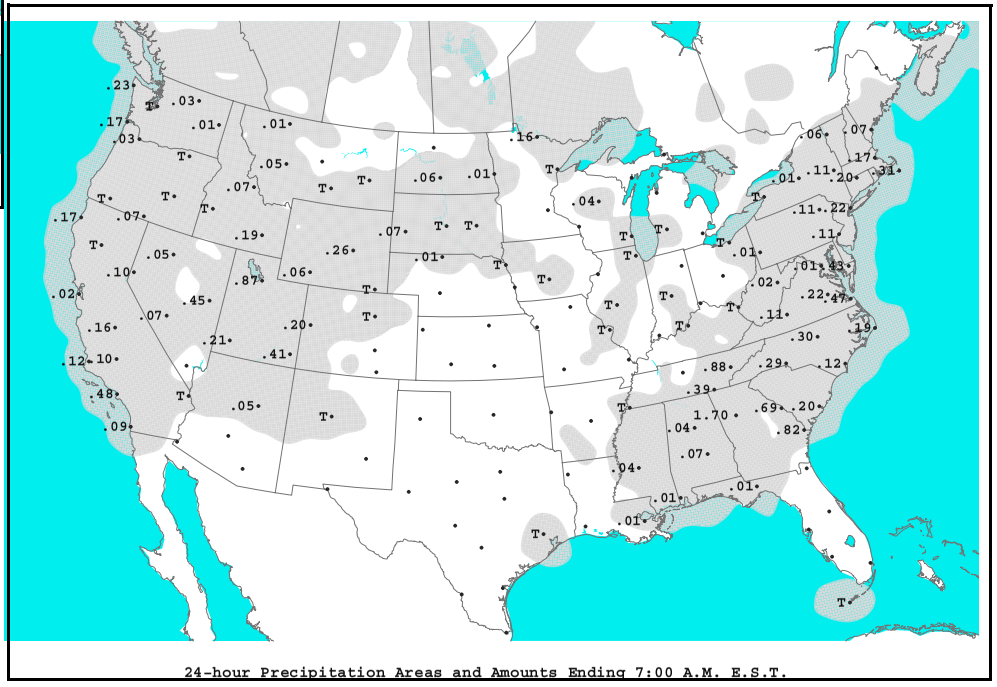




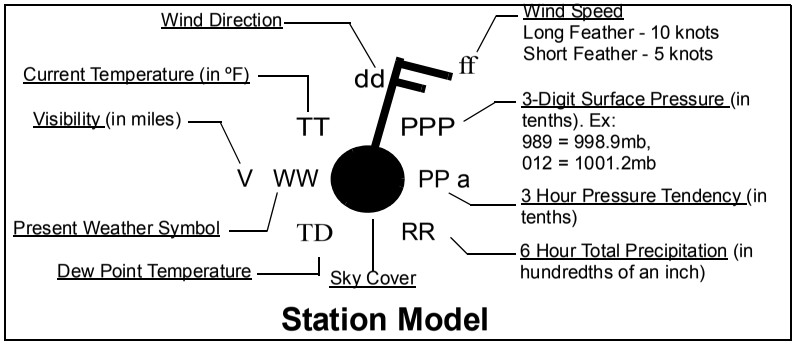

500-Millibar Height Contours at 7:00 A.M. E.S.T.



Highest and Lowest Temperature

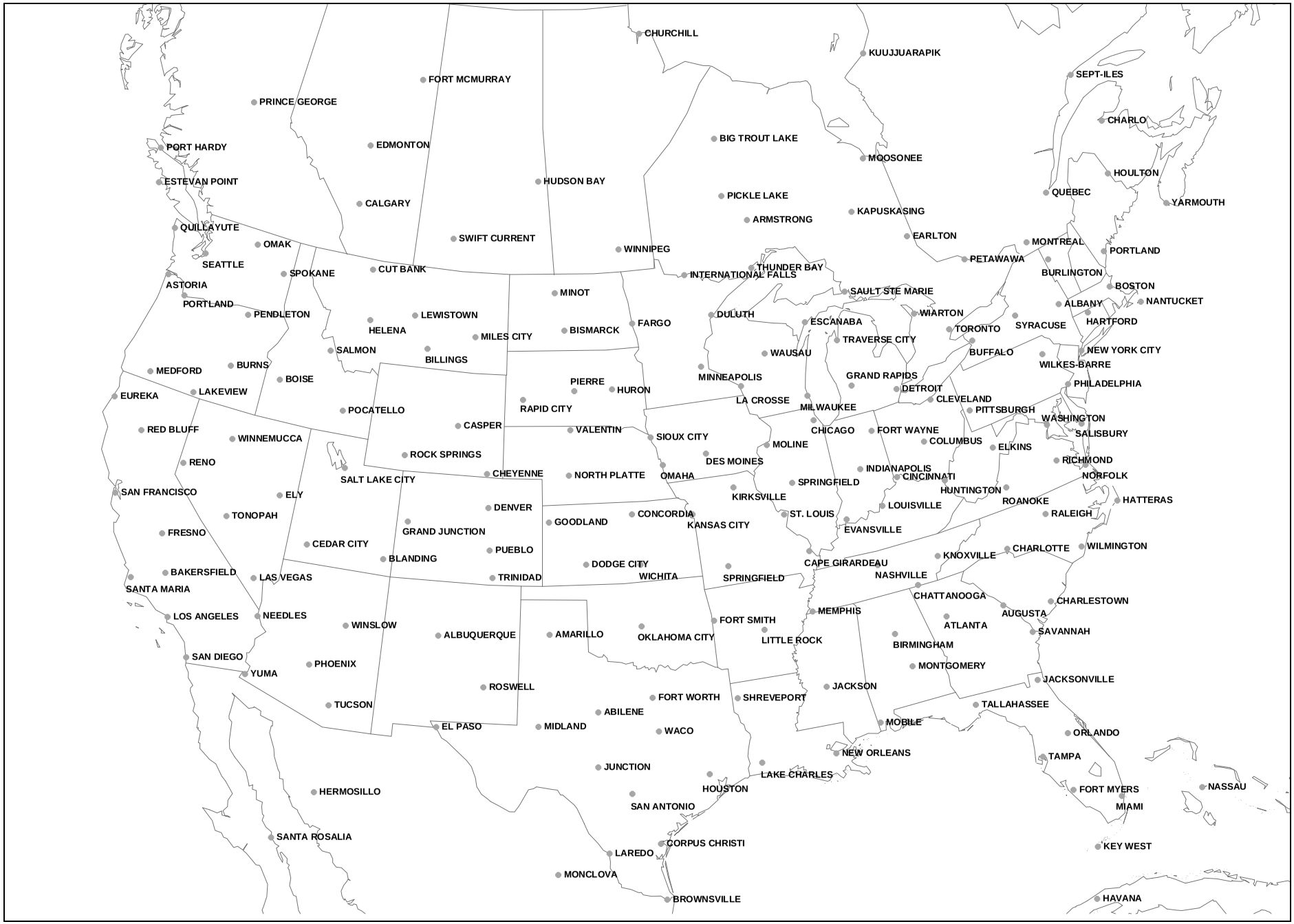


24-hour Precipitation Areas and Amounts Ending 7:00 A.M. E.S.T.




**Station Model**

# SUNDAY, JANUARY 22, 2012




# Daily Weather Map Station Names and Locations