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

Daily Weather Maps

Weekly Series OCTOBER 13 – 19, 1997

The charts in this publication are the principal charts of the former Weather Bureau 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 for each day are arranged on a single page. They are derived from operational weather maps prepared at the National Centers for Environmental Prediction, National Weather Service. The symbols on the Surface Weather Map and the 500-Millibar Height Contours chart are standard international symbols. Copies of an explanatory sheet are available from the Climate Prediction Center (address below). NOAA is responsible for managing, printing, and distributing these maps. The contents may be reprinted freely, with proper credit.

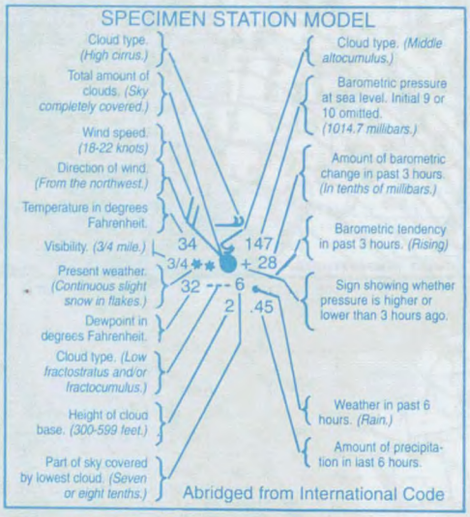
Orders for annual subscriptions and single copies may be sent to Daily Weather Maps, Climate Prediction Center, Room 811, World Weather Building, Washington, D.C. 20233. The price of the Daily Weather Maps is $60 per year for domestic mailing, $75 per year for foreign mailing and $1.50 for single issues. Only checks or money orders (including international postal money orders), made payable to the Department of Commerce, NOAA, are acceptable.

The Surface Weather Map shows station data and the analysis for 7:00 a.m., EST. Tracks of well-defined low pressure areas are indicated by a chain of arrows; locations of these centers at 6, 12, and 18 hours preceding map time are indicated by small white crosses in black squares. Areas of precipitation are indicated by shading. The weather reports printed 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 lack of space.

The 500-Millibar Height Contours chart shows height contours and isotherms of the 500-millibar surface at 7:00 a.m., EST. Height contours are shown as continuous lines labeled in dekameters above sea level. Isotherms are shown as dashed lines labeled 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 the 12-hour period ending 7:00 p.m. EST of the previous day and the minimum temperature for the 12-hour period ending 7:00 a.m. EST. The names of the reporting points are shown on the Surface Weather Map. 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. Dashed lines, in season, show the depth of snow on the ground in inches at 7:00 a.m., EST.



Abridged from International Code

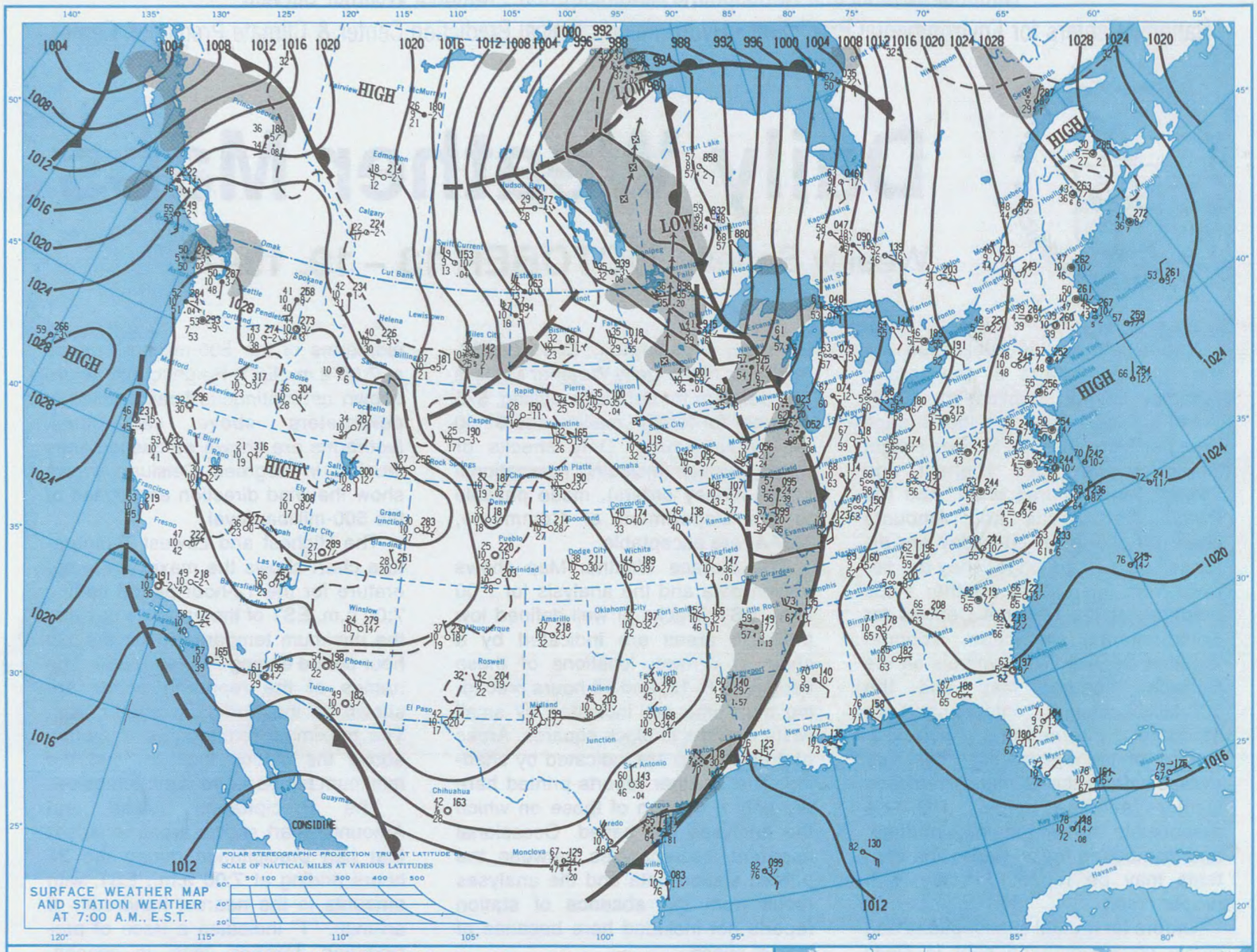
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IMMEDIATE–U.S. Weather Report

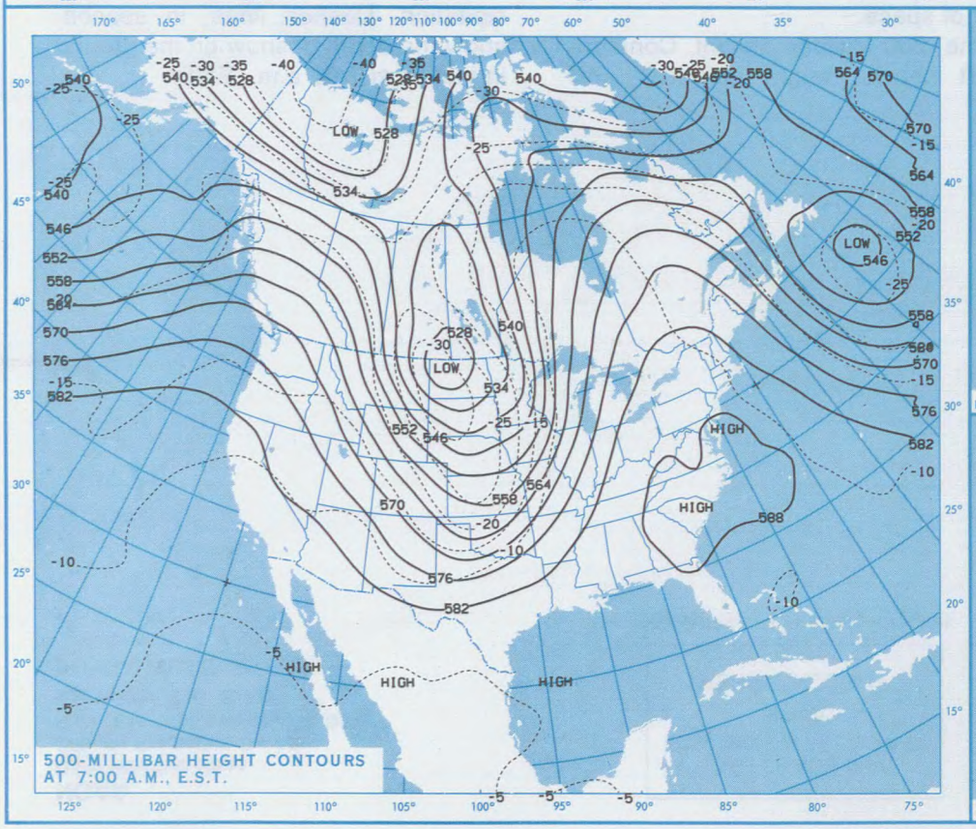
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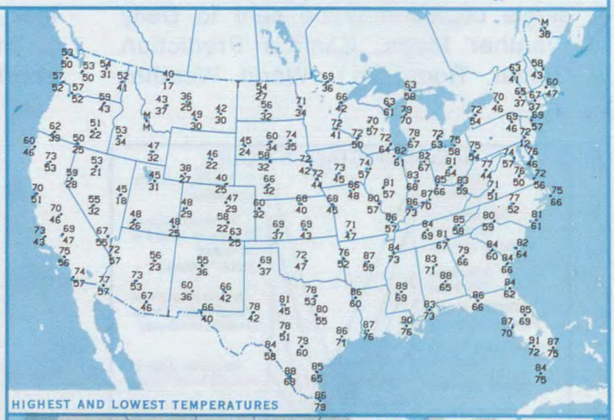
MONDAY, OCTOBER 13, 1997



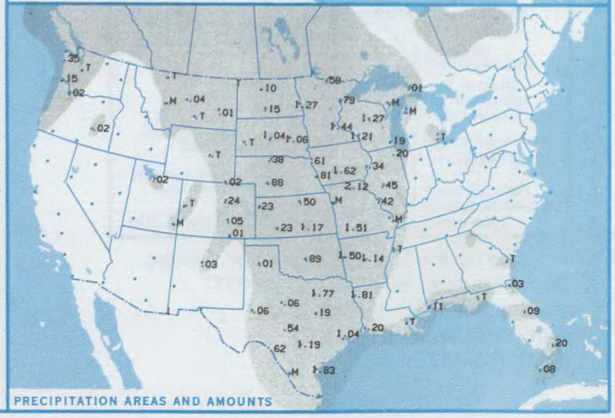
SURFACE WEATHER MAP AND STATION WEATHER AT 7:00 A.M., E.S.T.



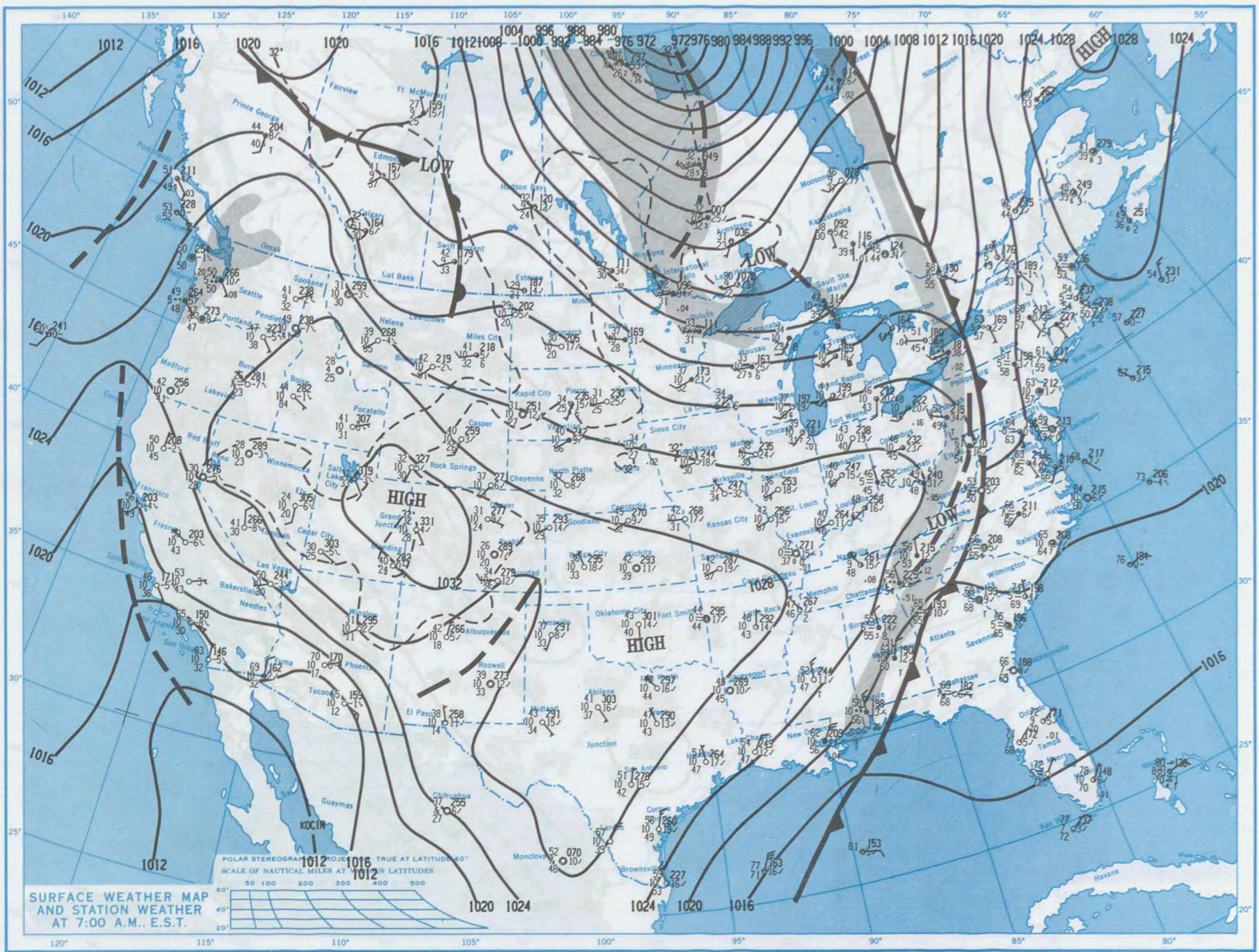
500-MILLIBAR HEIGHT CONTOURS AT 7:00 A.M., E.S.T.

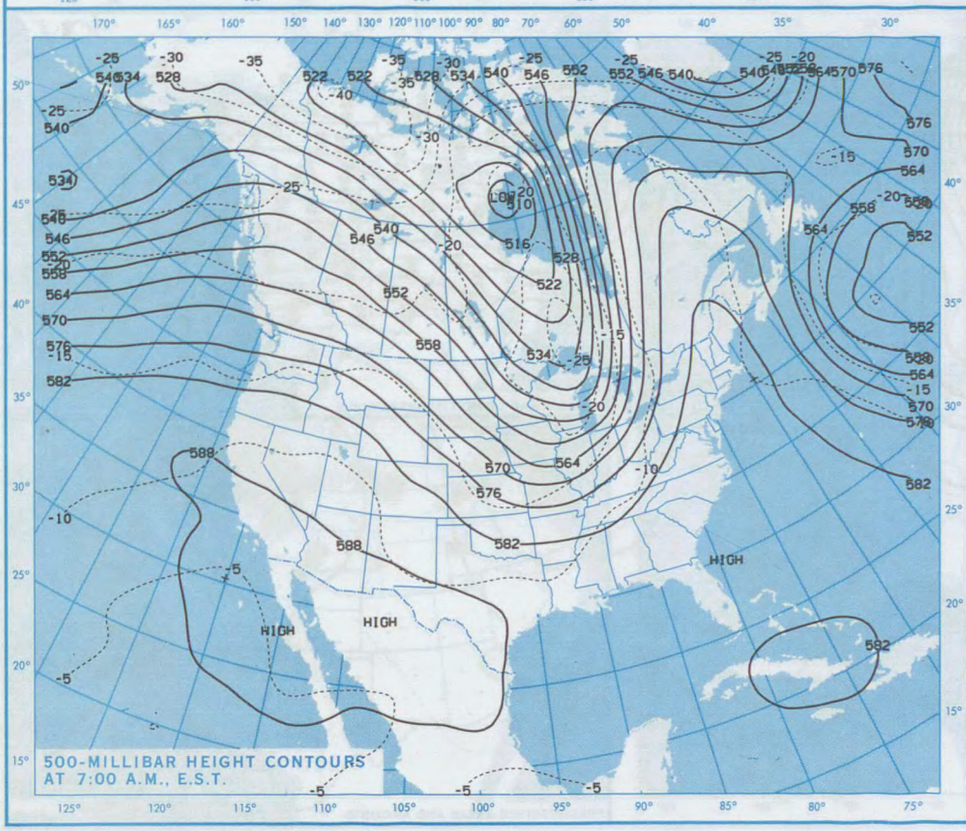


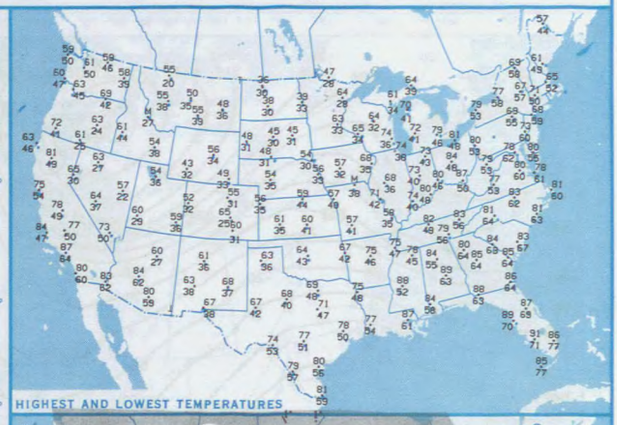
HIGHEST AND LOWEST TEMPERATURES

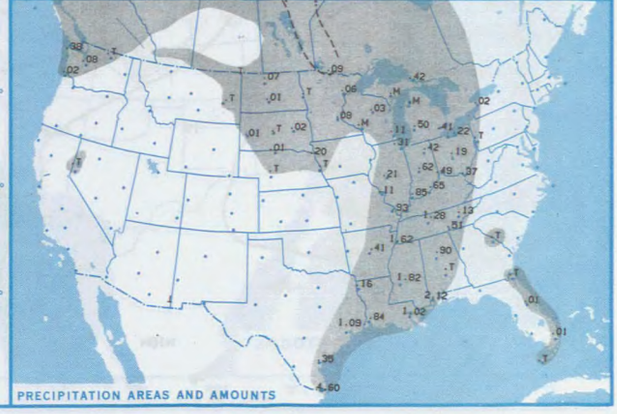


PRECIPITATION AREAS AND AMOUNTS

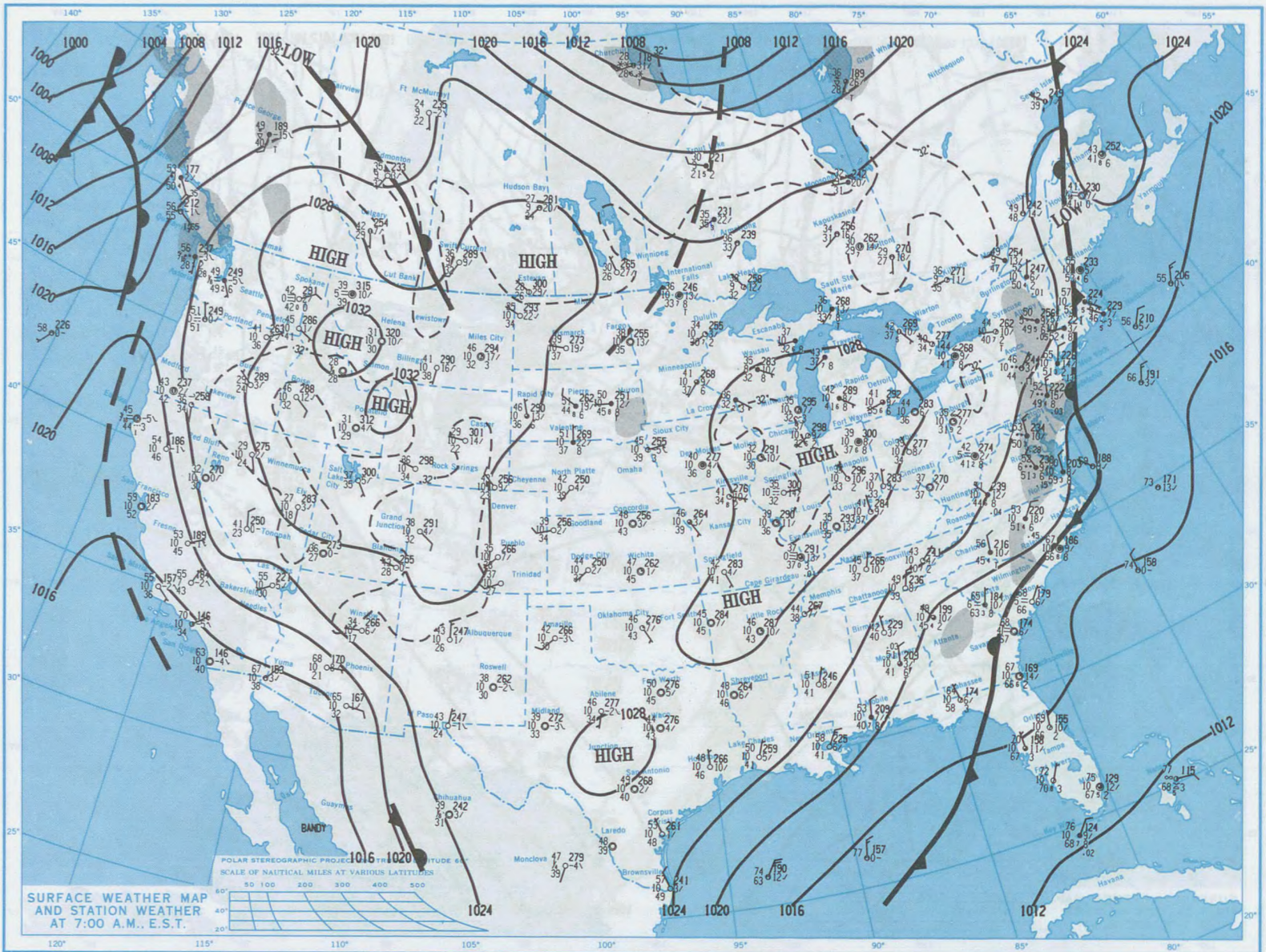

SURFACE WEATHER MAP
AND STATION WEATHER
AT 7:00 A.M., E.S.T.
HIGH
LOW
HIGH
LOW
HIGH
LOW
HIGH
POLAR STEREOGRAPHIC PROJECTION TRUE AT LATITUDE 60°
SCALE OF NAUTICAL MILES AT VARIOUS LATITUDES
50 100 200 300 400 500

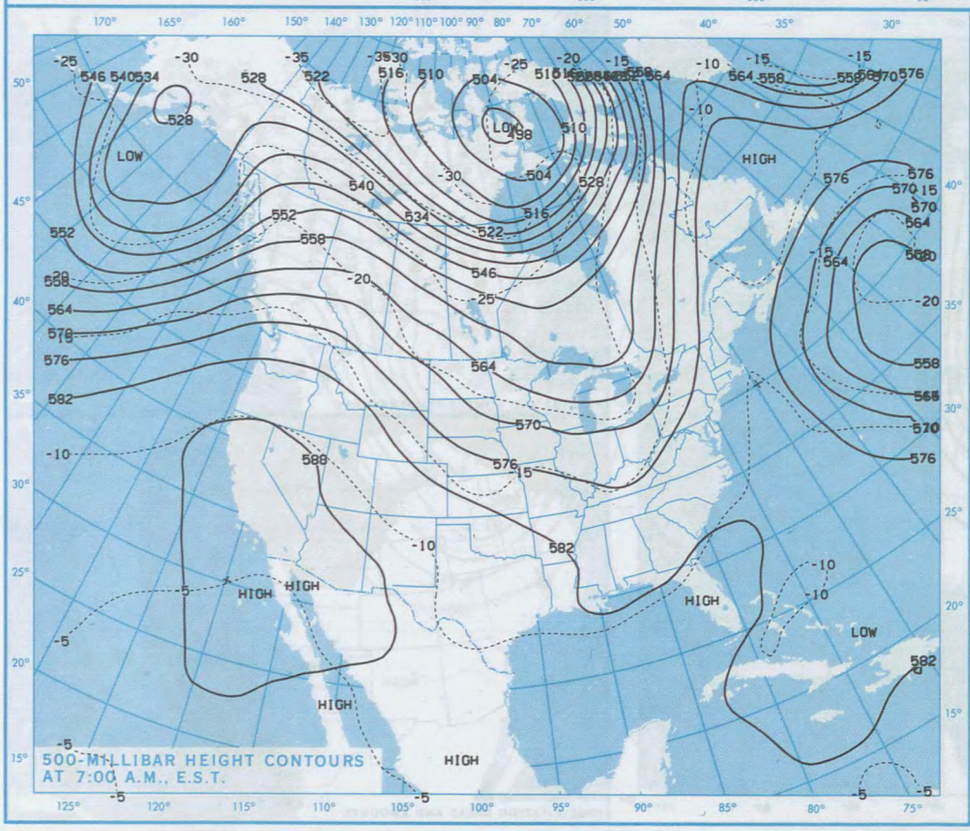

500-MILLIBAR HEIGHT CONTOURS
AT 7:00 A.M., E.S.T.
HIGH
HIGH
HIGH
LOW

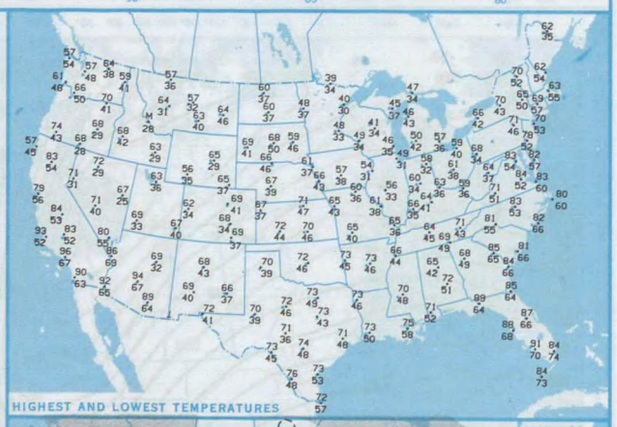

HIGHEST AND LOWEST TEMPERATURES

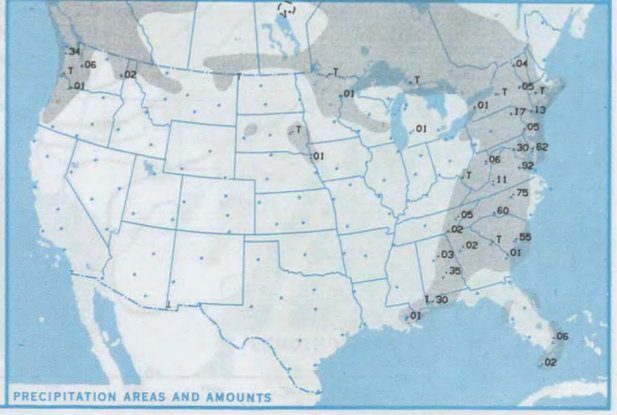

PRECIPITATION AREAS AND AMOUNTS

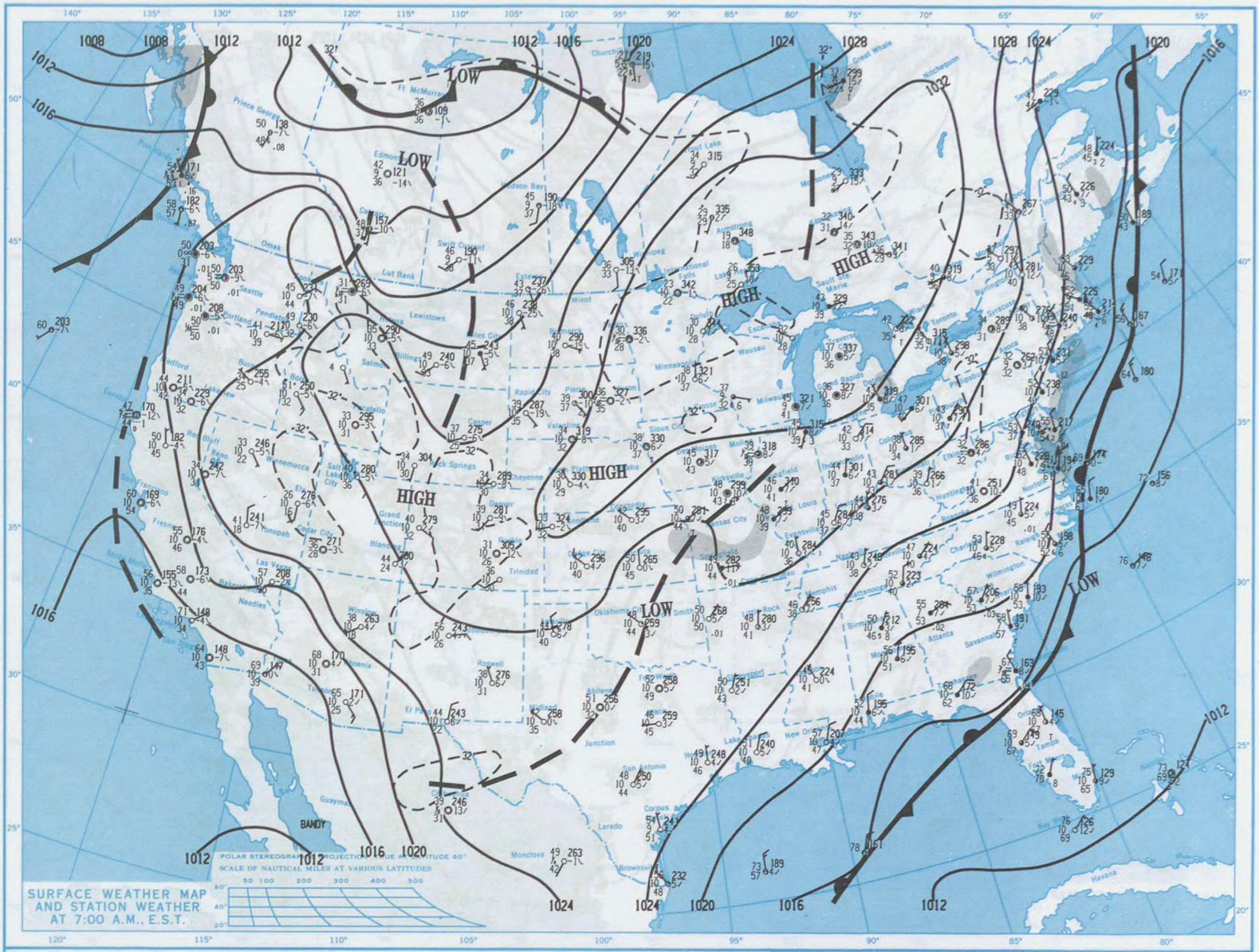
WEDNESDAY, OCTOBER 15, 1997

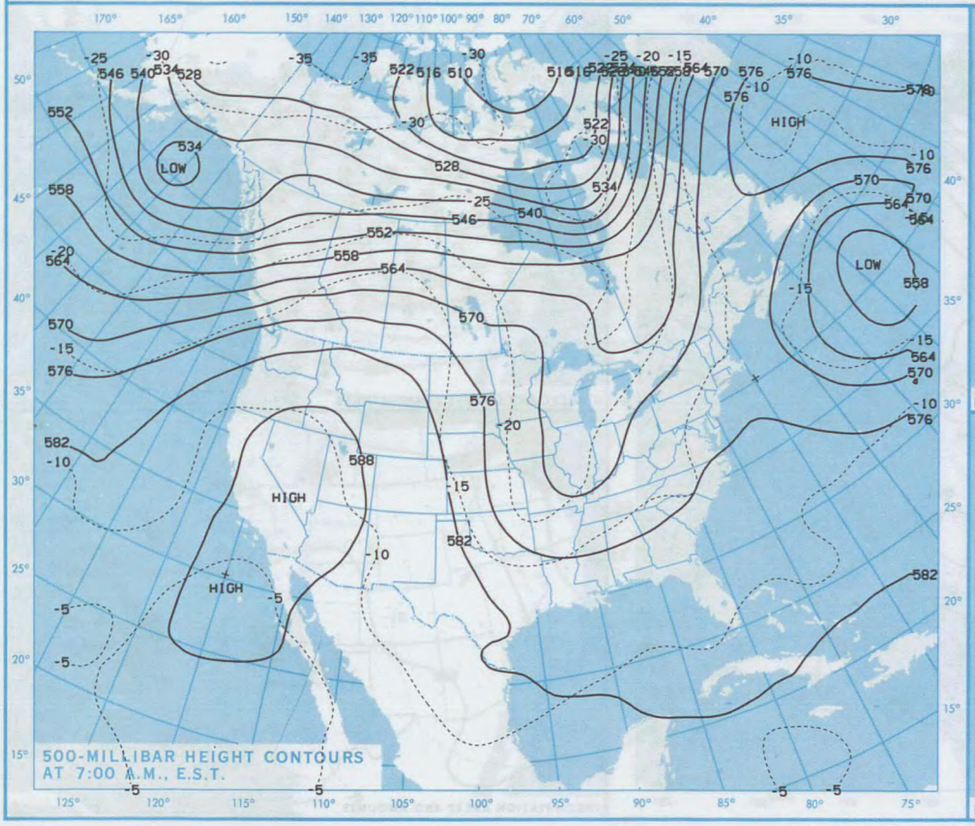


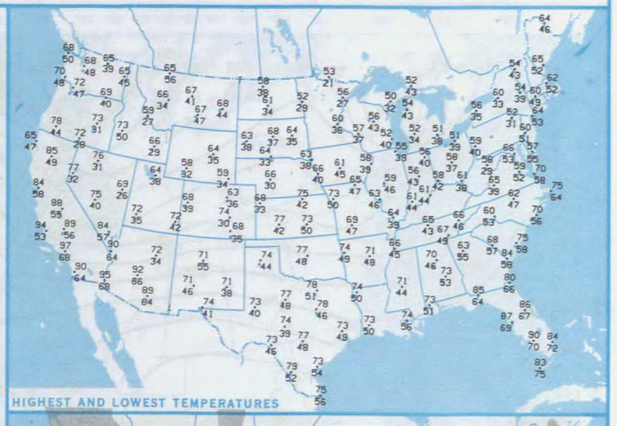


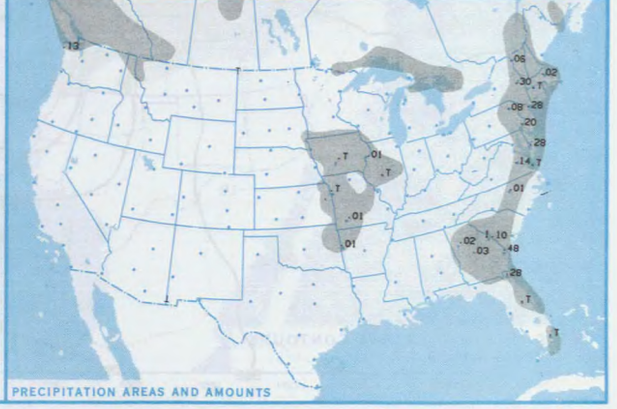




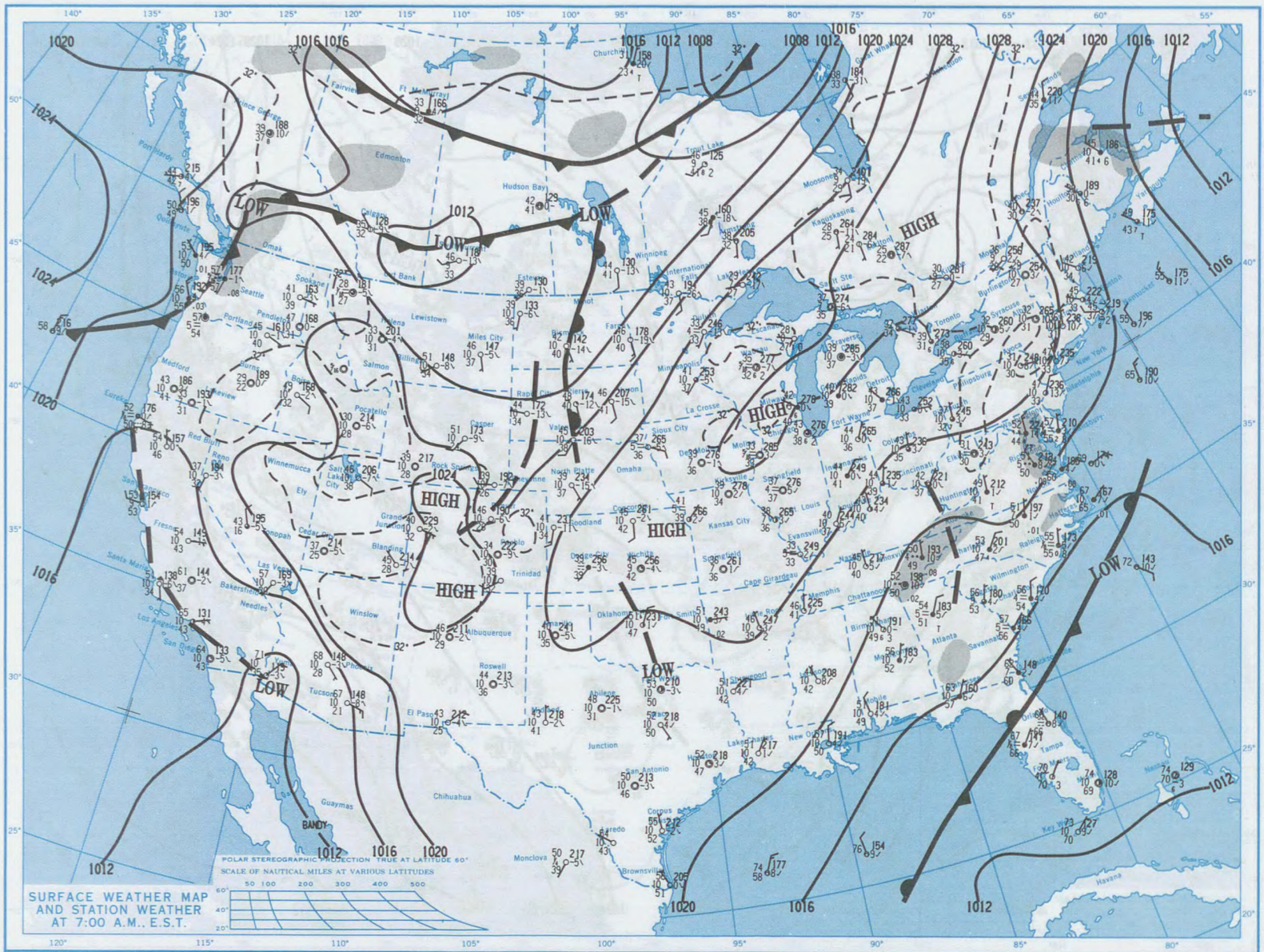

LOW
HIGH
SURFACE WEATHER MAP
AND STATION WEATHER
AT 7:00 A.M., E.S.T.

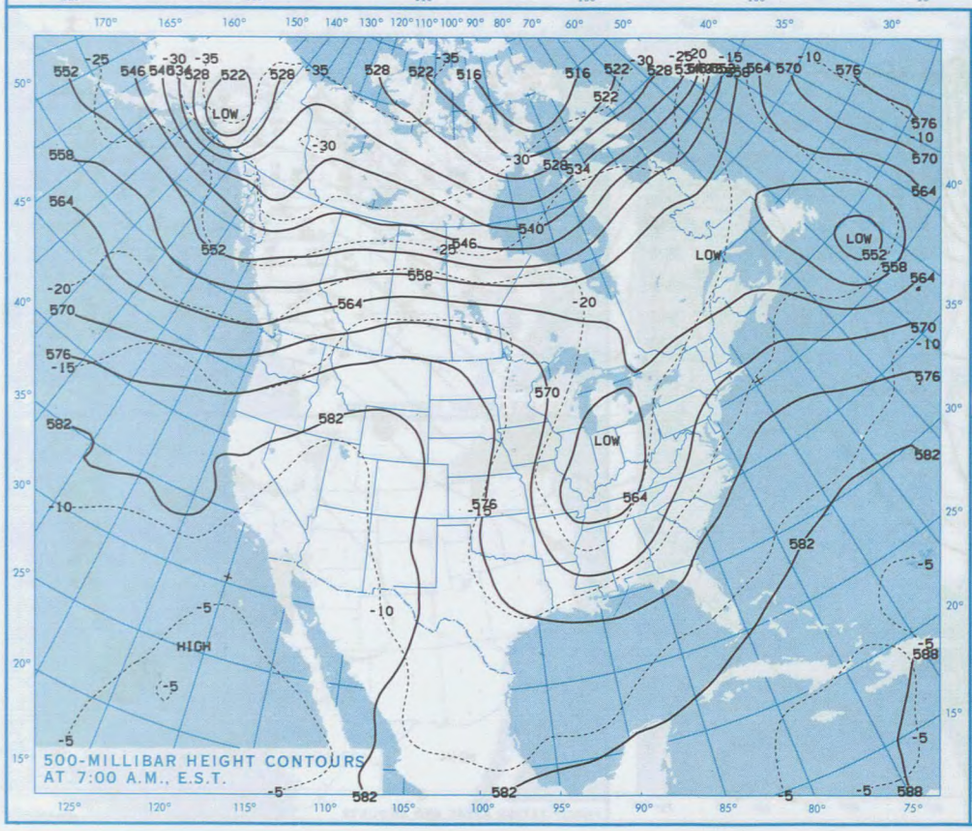

LOW
HIGH
500-MILLIBAR HEIGHT CONTOURS
AT 7:00 A.M., E.S.T.

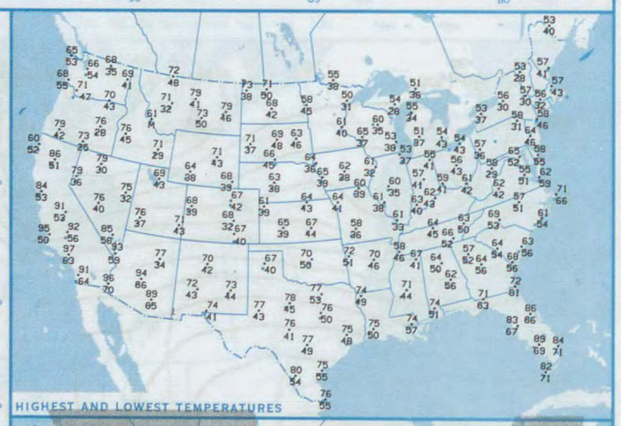

HIGHEST AND LOWEST TEMPERATURES

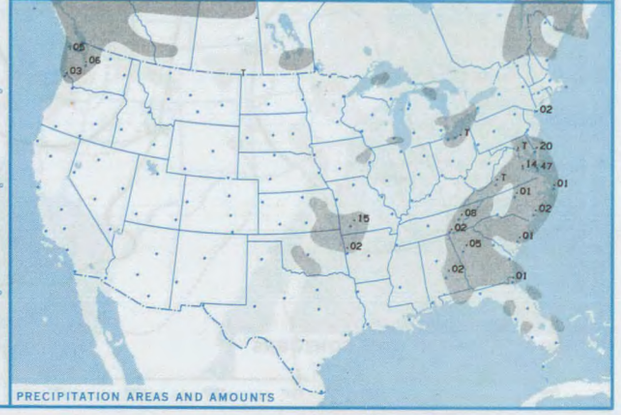

PRECIPITATION AREAS AND AMOUNTS

FRIDAY, OCTOBER 17, 1997

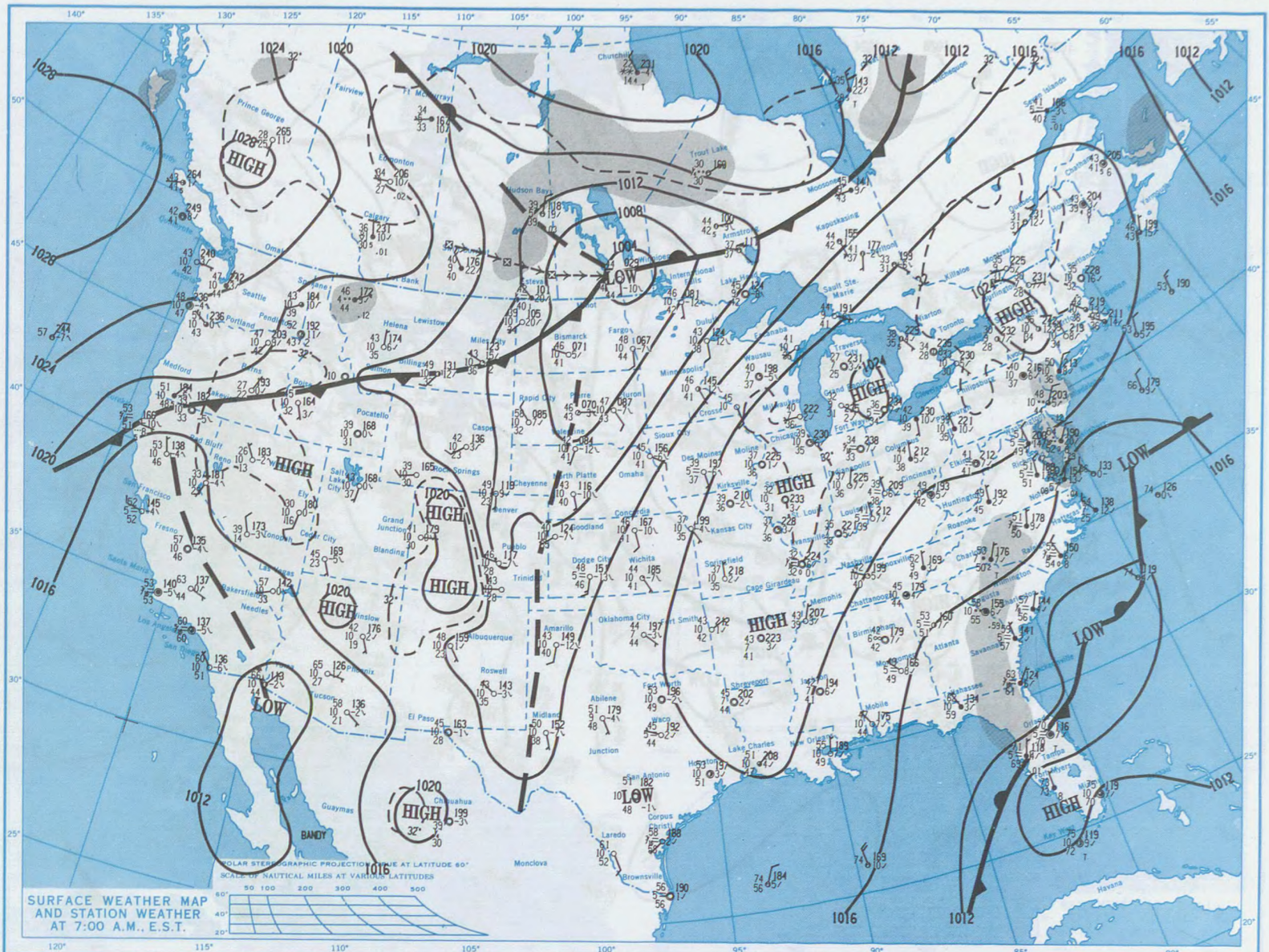


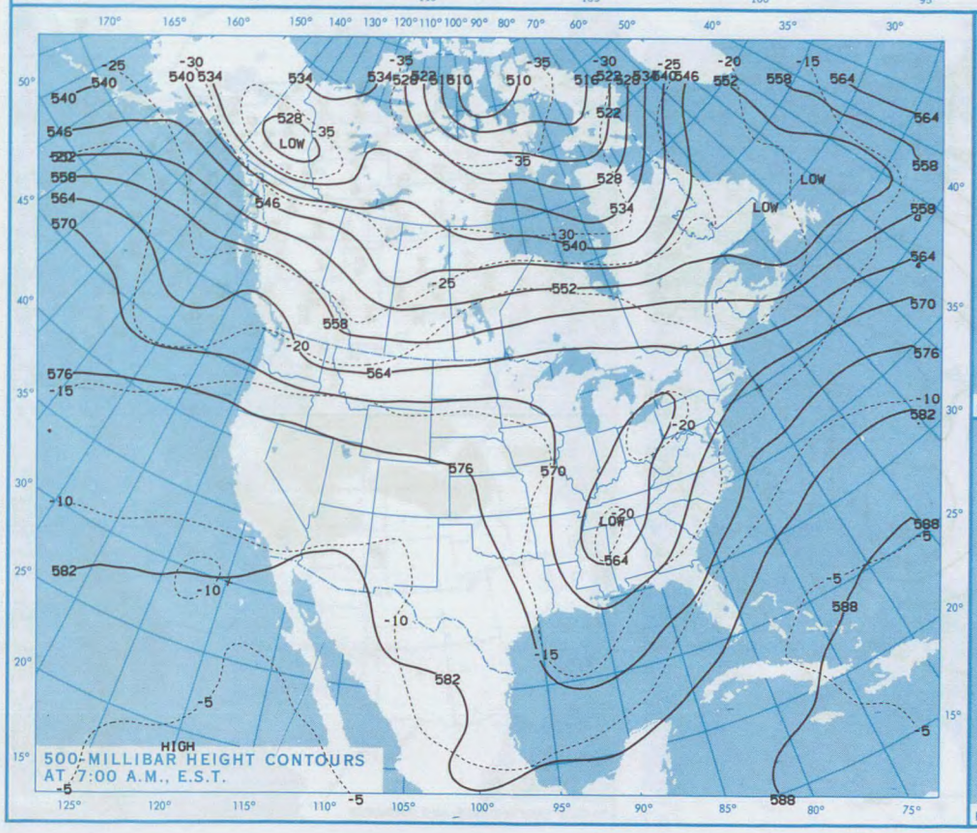


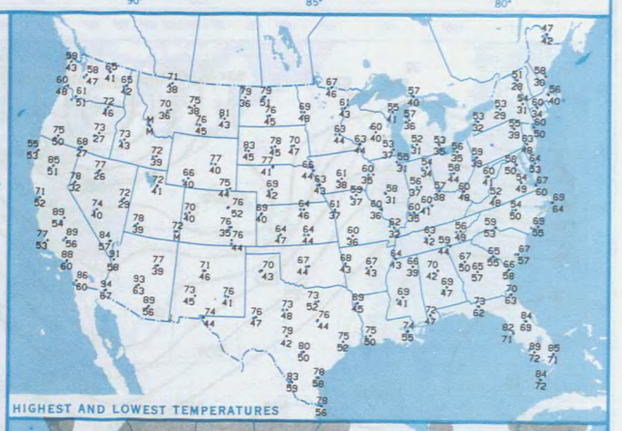


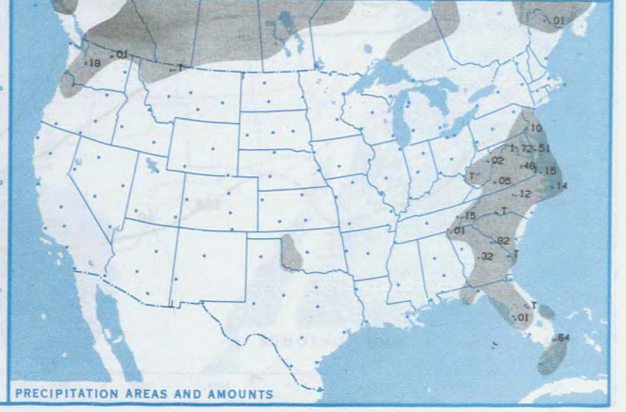


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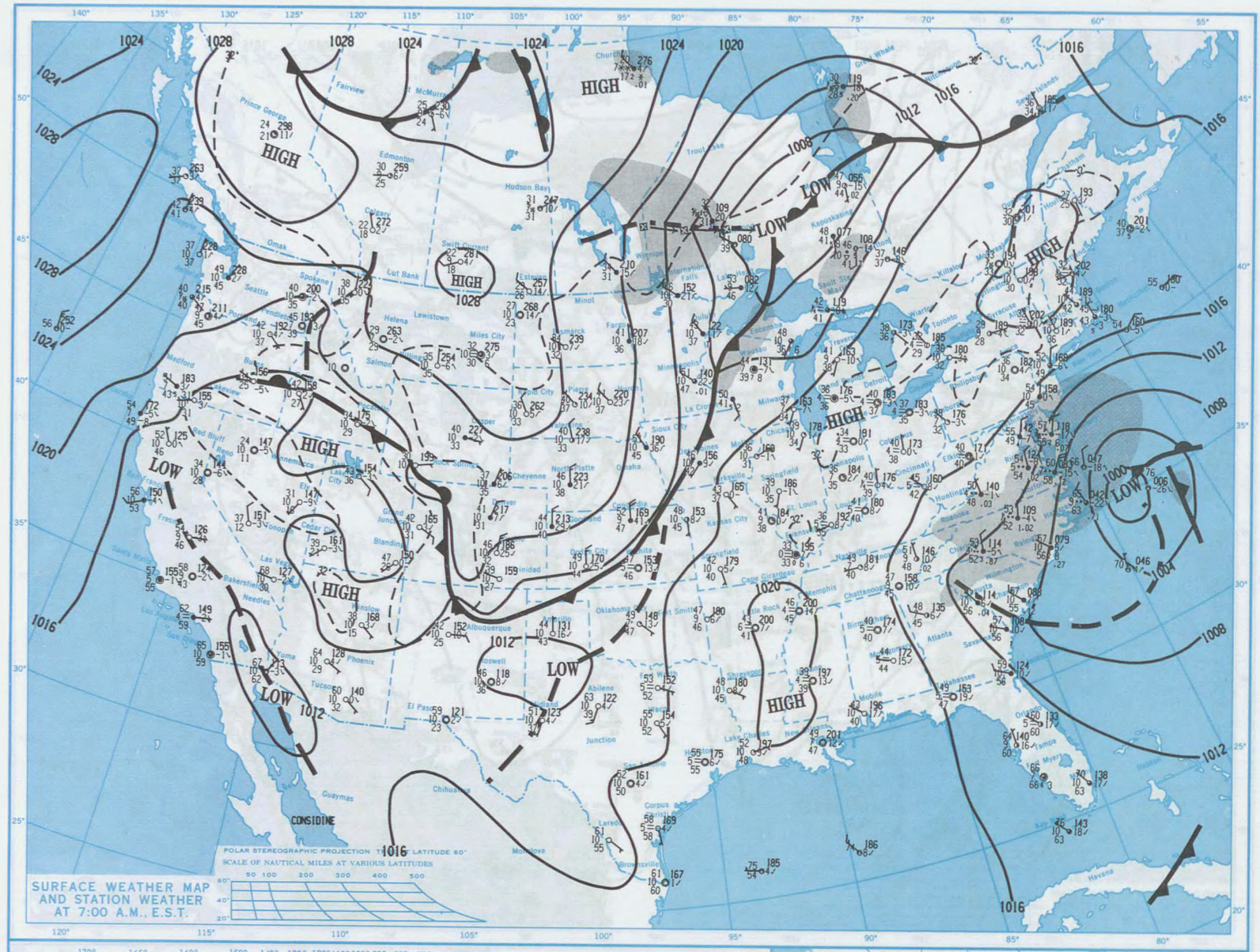




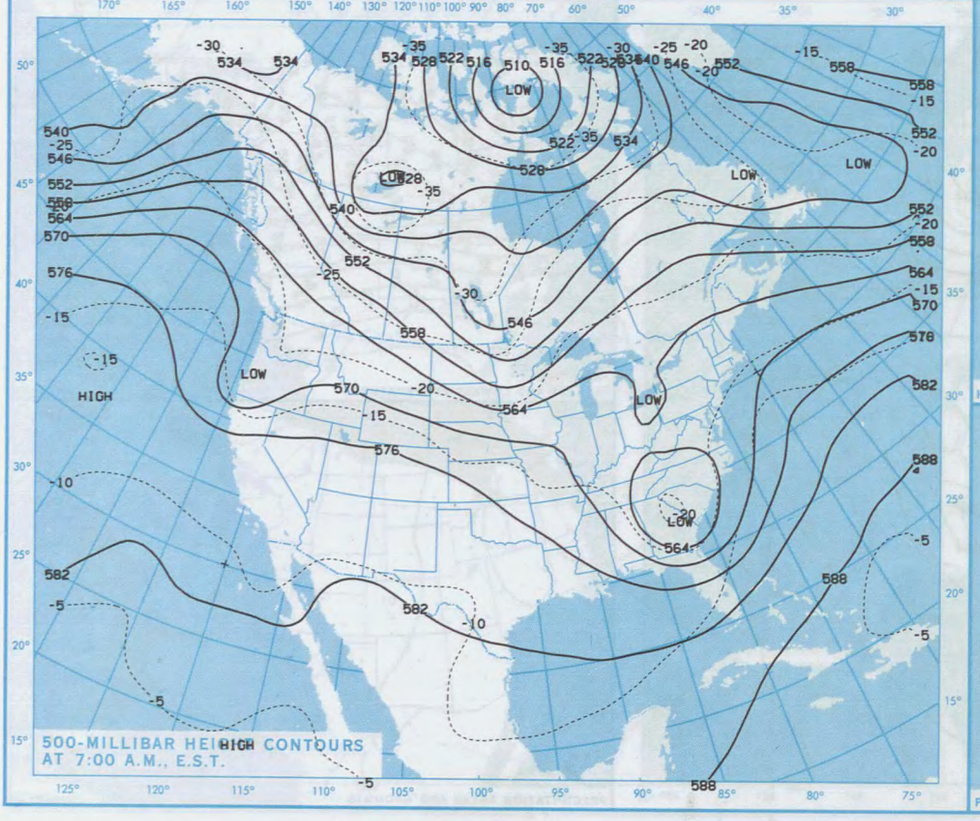




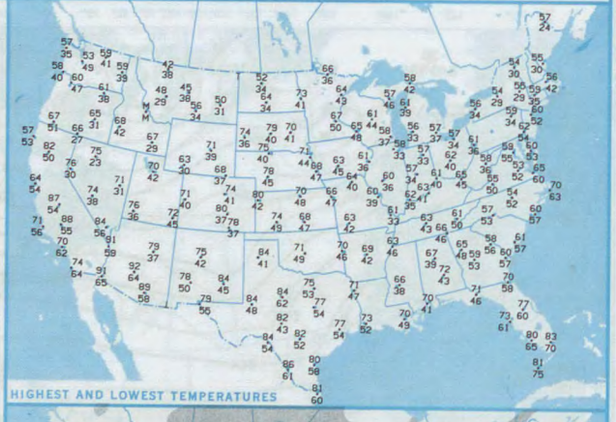
SUNDAY, OCTOBER 19, 1997



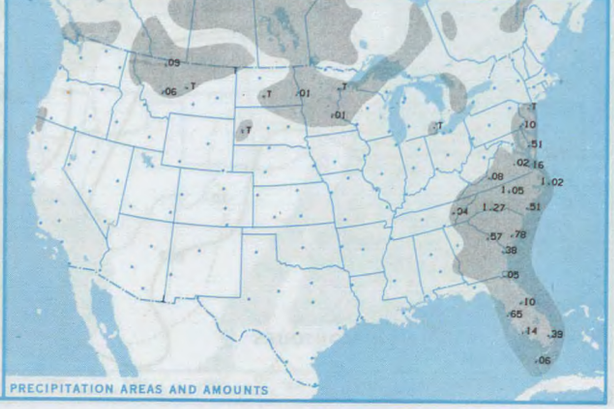
SURFACE WEATHER MAP AND STATION WEATHER AT 7:00 A.M., E.S.T.



500-MILLIBAR HEIGHT CONTOURS AT 7:00 A.M., E.S.T.



HIGHEST AND LOWEST TEMPERATURES



PRECIPITATION AREAS AND AMOUNTS