The Great Southern New England Blizzard of Feb 6-7, 1978. Worst in 100+ years Mass, RI, eastern Conn. Worst since 1888 north interior west & central Conn and SE NY. worst since Dec. 1947 coastal NY, LI, and SW Conn. 100 mph gusts on coast - up to 30 in snow. huge storm tides.

U.S. DEPARTMENT OF COMMERCE • National Oceanic and Atmospheric Administration • Environmental Data Service

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DEPARTMENT OF COMMERCE • UNITED STATES OF AMERICA •

daily weather maps

Weekly Series FEBRUARY 6-12, 1978

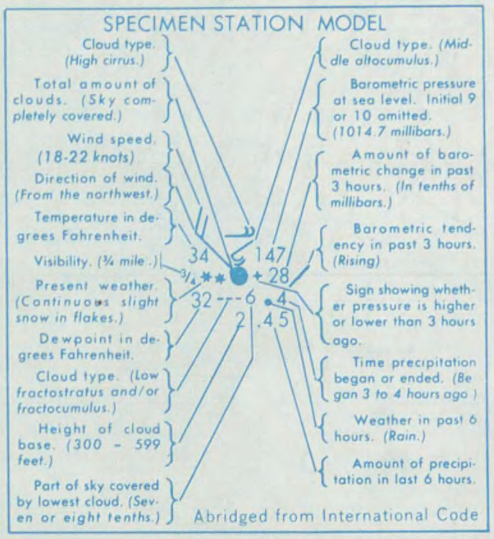
The charts in this publication are the principal charts of the former Weather Bureau publication, "Daily Weather Map." They are the Surface Weather Map, the 500-Millibar Height Contours chart, the Highest and Lowest Temperatures chart, and the Precipitation Areas and Amounts chart. All charts for each day are arranged on a single page. They are copied from operational weather maps prepared by the National Meteorological Center, National Weather Service. The symbols on the Surface Weather Map and the 500-Millibar Height Contours chart are standard international symbols. Official copies of an explanatory sheet are available from National Oceanic and Atmospheric Administration, Central Logistics Supply Center, 619 Hardesty Street, Kansas City, MO 64124. Sales copies may be ordered from Public Documents Department, U.S. Government Printing Office, Washington, D.C. 20402, single copy 40 cents. Orders of 100 copies or more mailed to one address are discounted at 25 percent. Make checks payable to "Superintendent of Documents."

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 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 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 feet 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 Temperatures chart shows the maximum and minimum values for the 24-hour period ending at 1:00 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 1:00 a.m., EST, with amounts to the nearest hundredth of an inch. Incomplete totals are underlined. "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.



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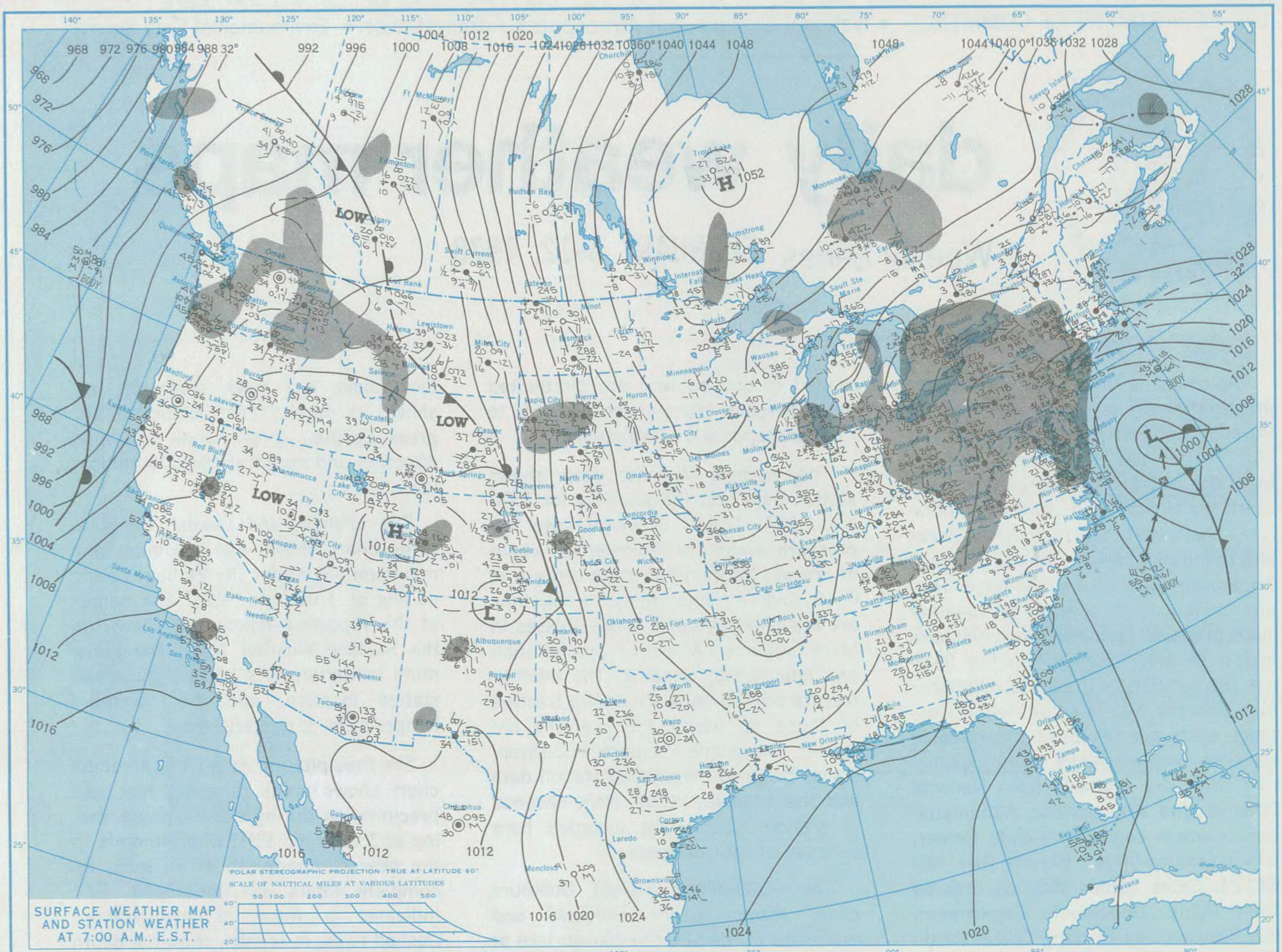
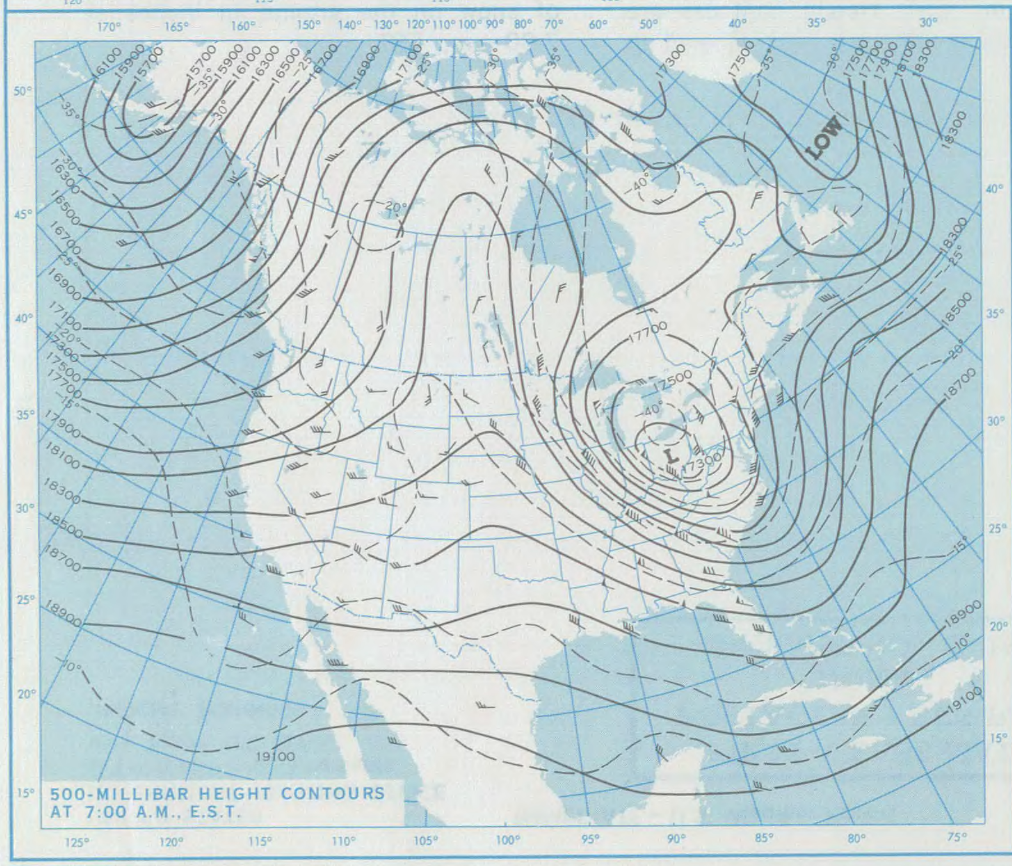
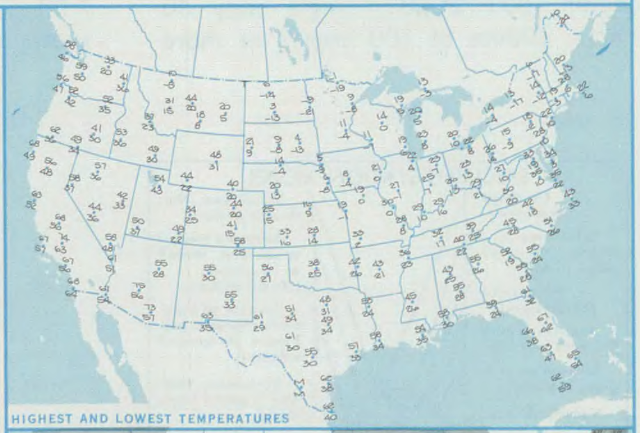


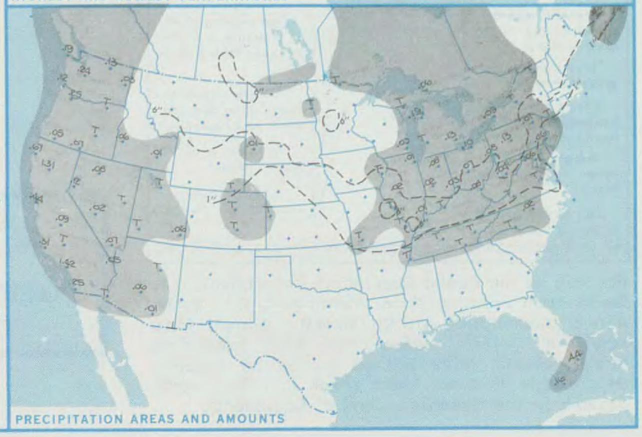
SURFACE WEATHER MAP AND STATION WEATHER AT 7:00 A.M., E.S.T.



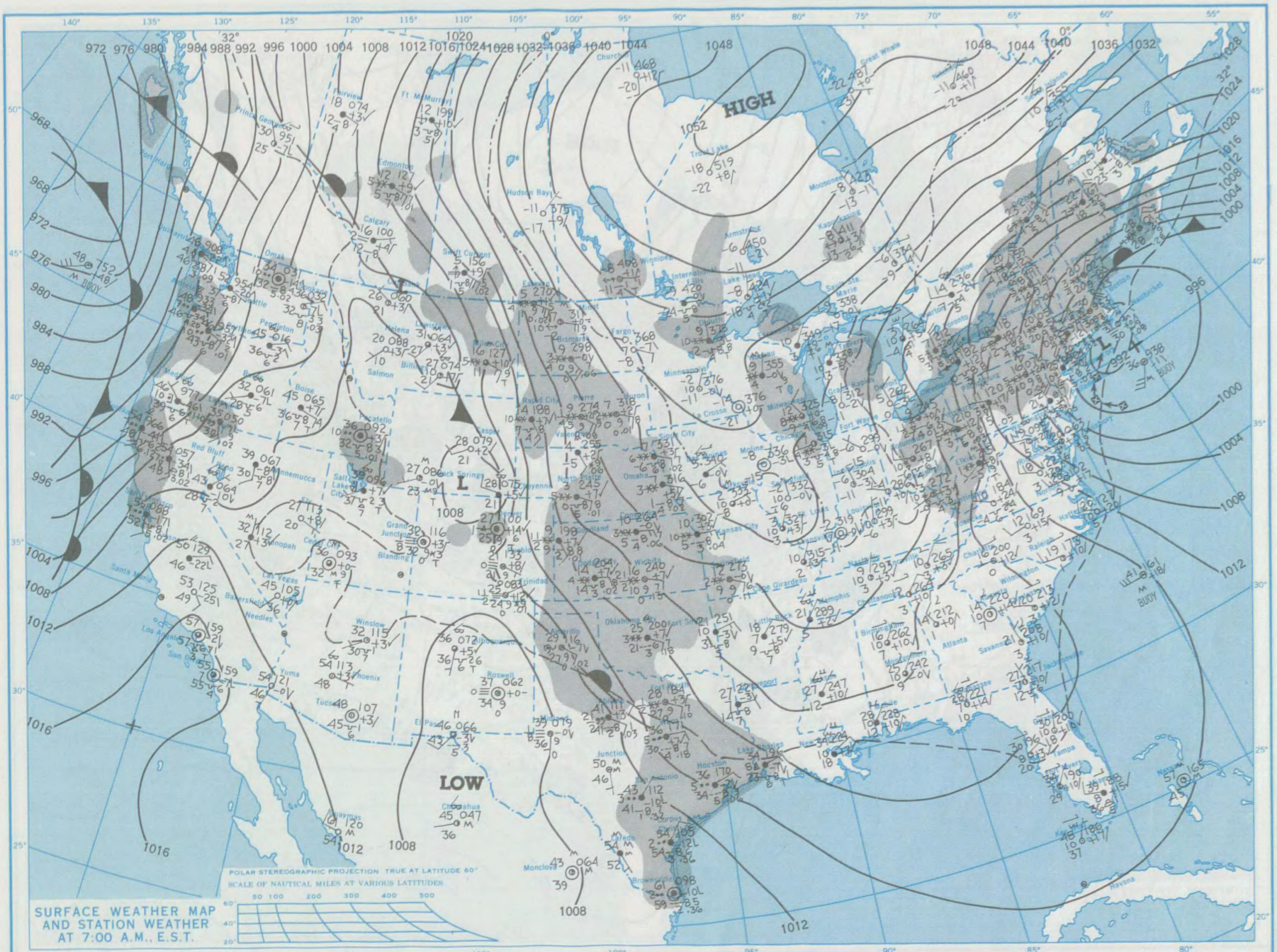
500-MILLIBAR HEIGHT CONTOURS AT 7:00 A.M., E.S.T.



HIGHEST AND LOWEST TEMPERATURES



PRECIPITATION AREAS AND AMOUNTS



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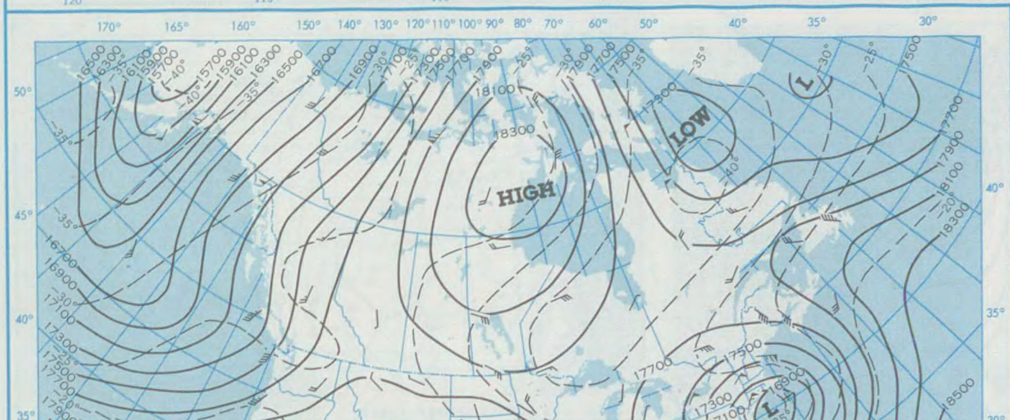

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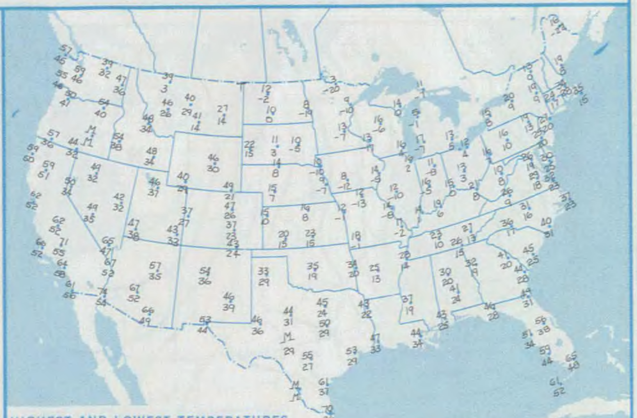

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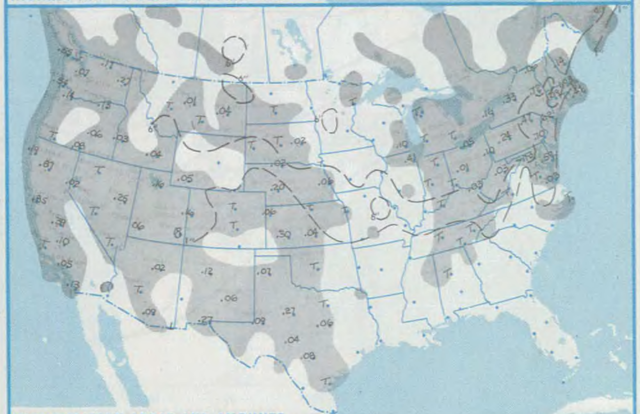

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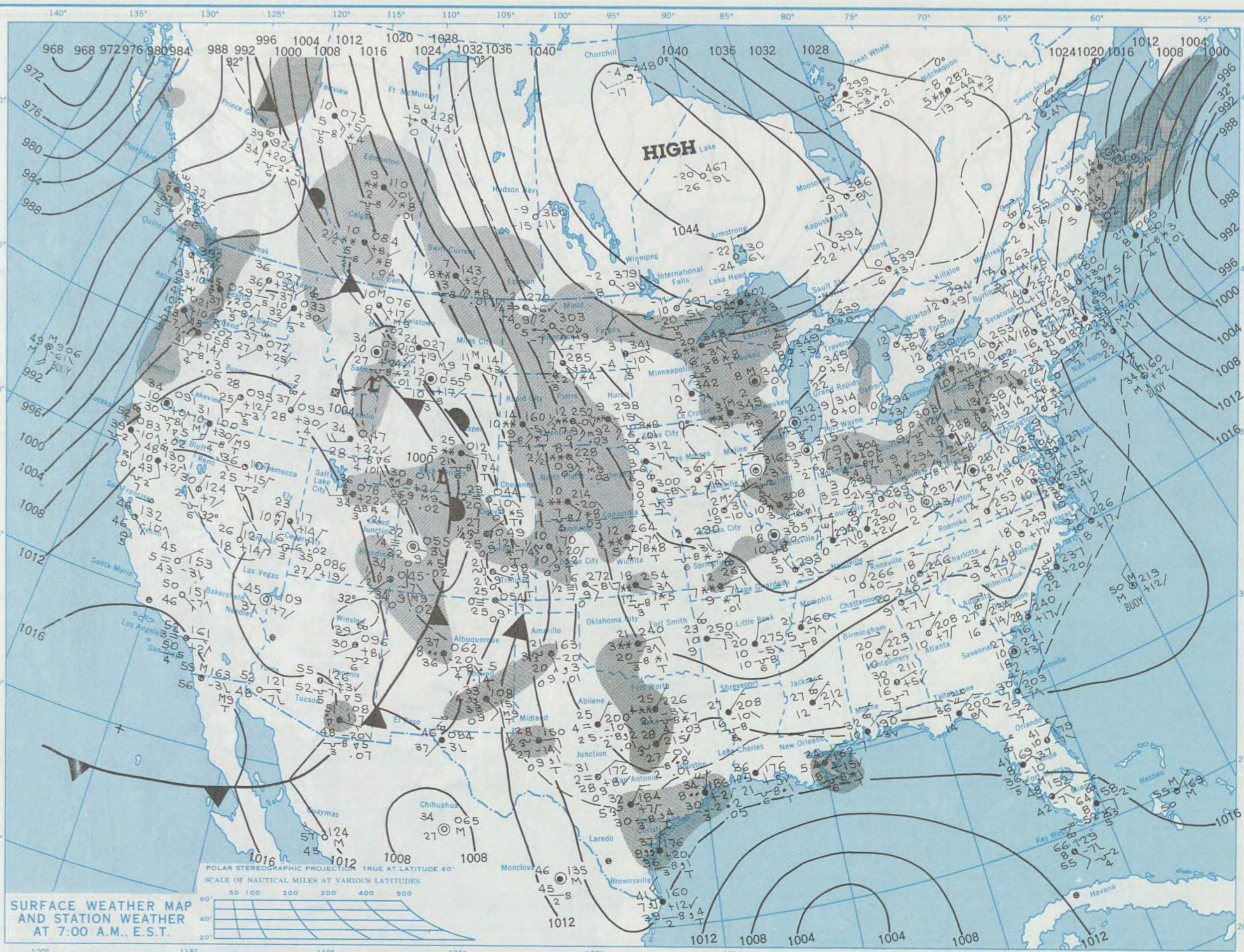

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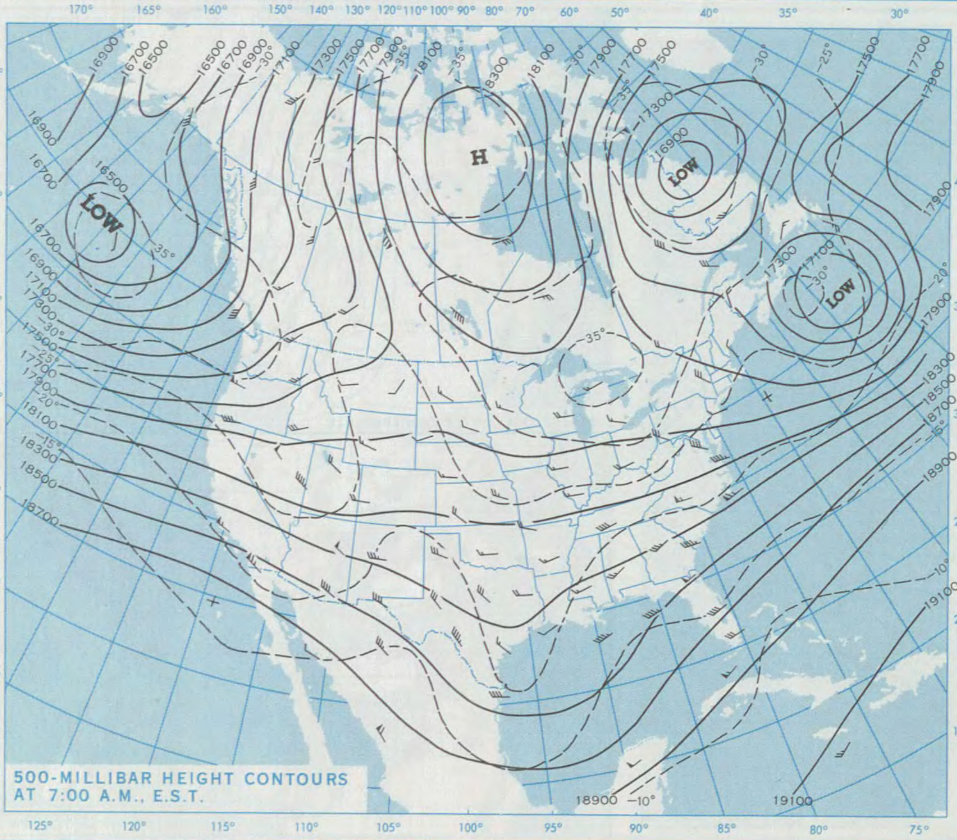

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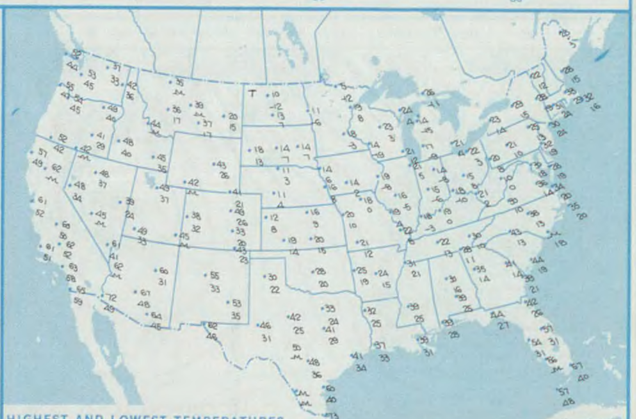

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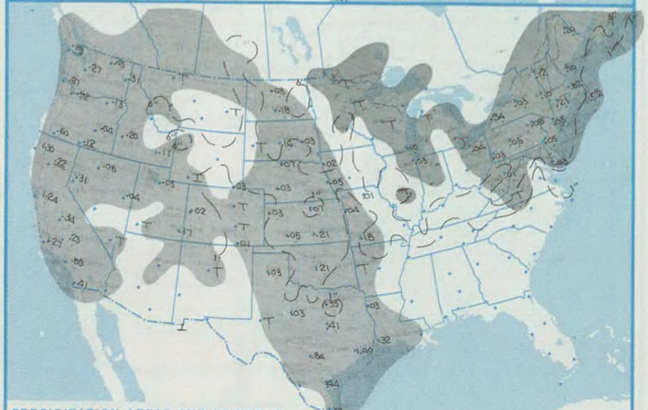

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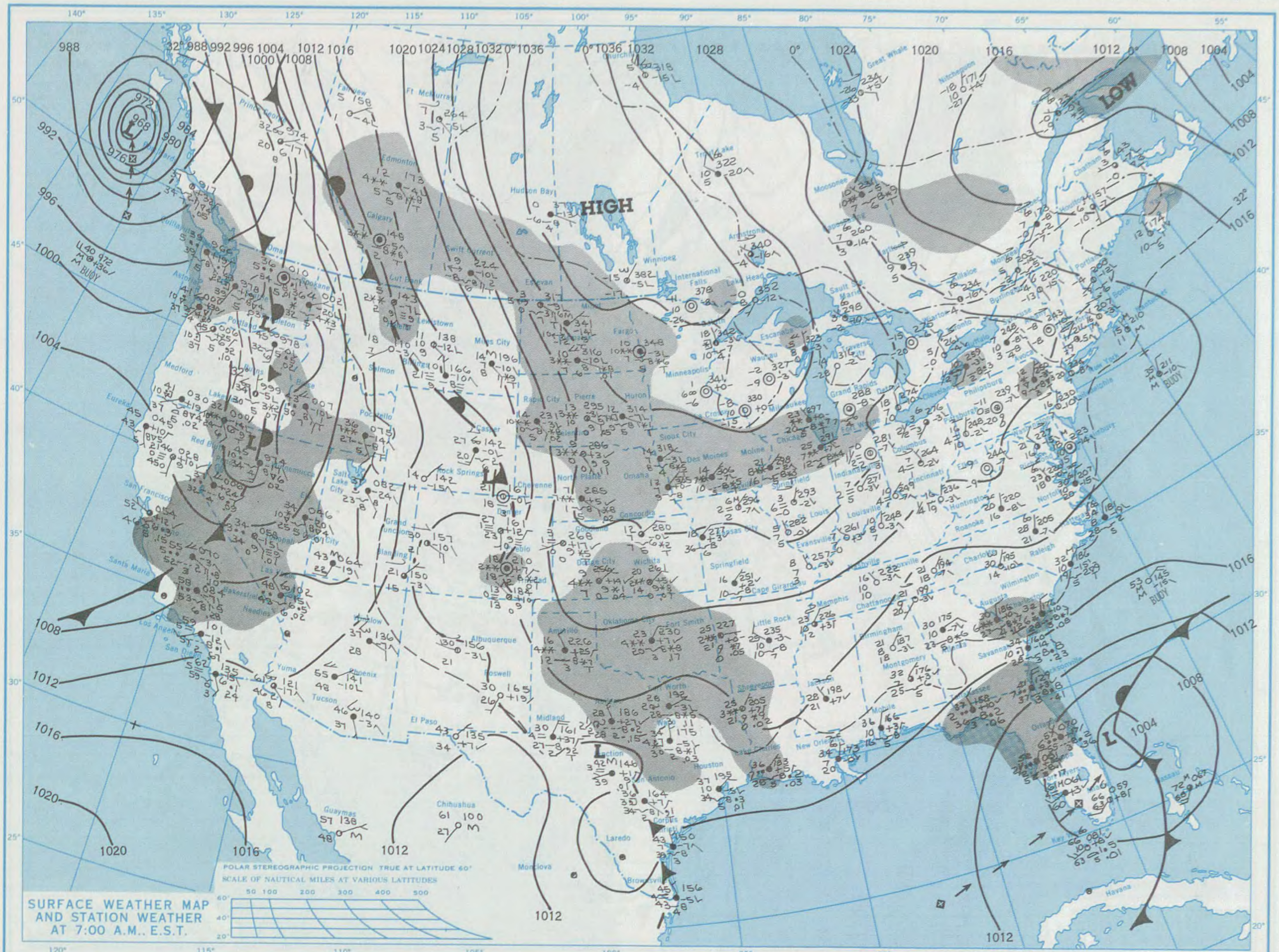

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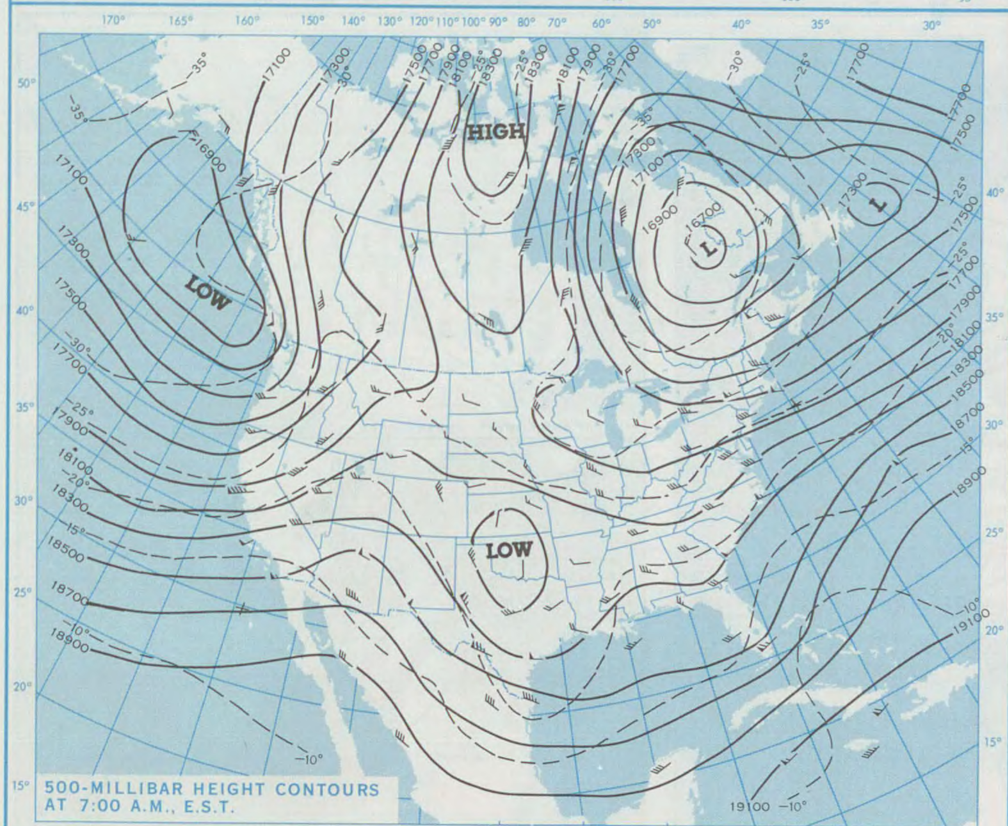

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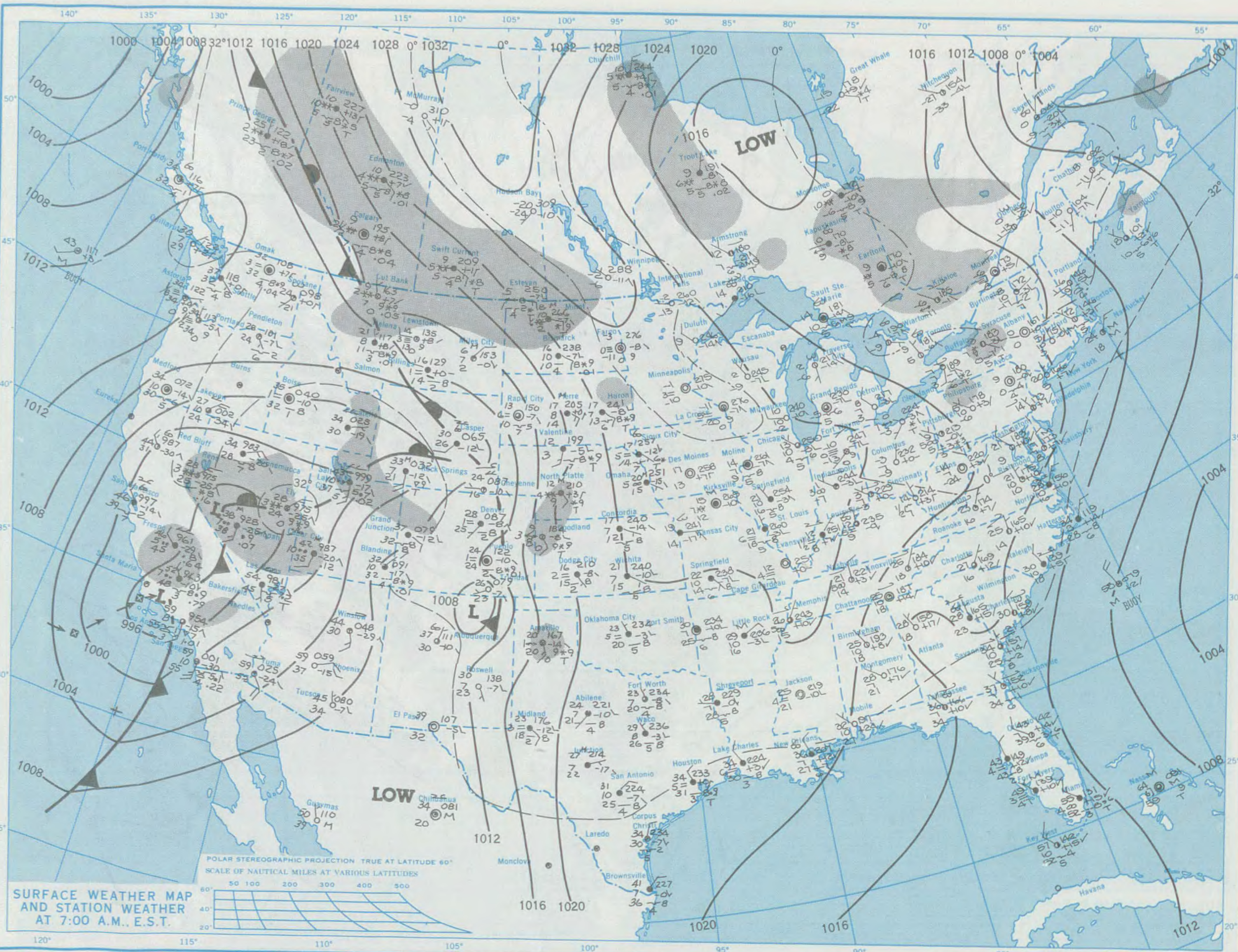

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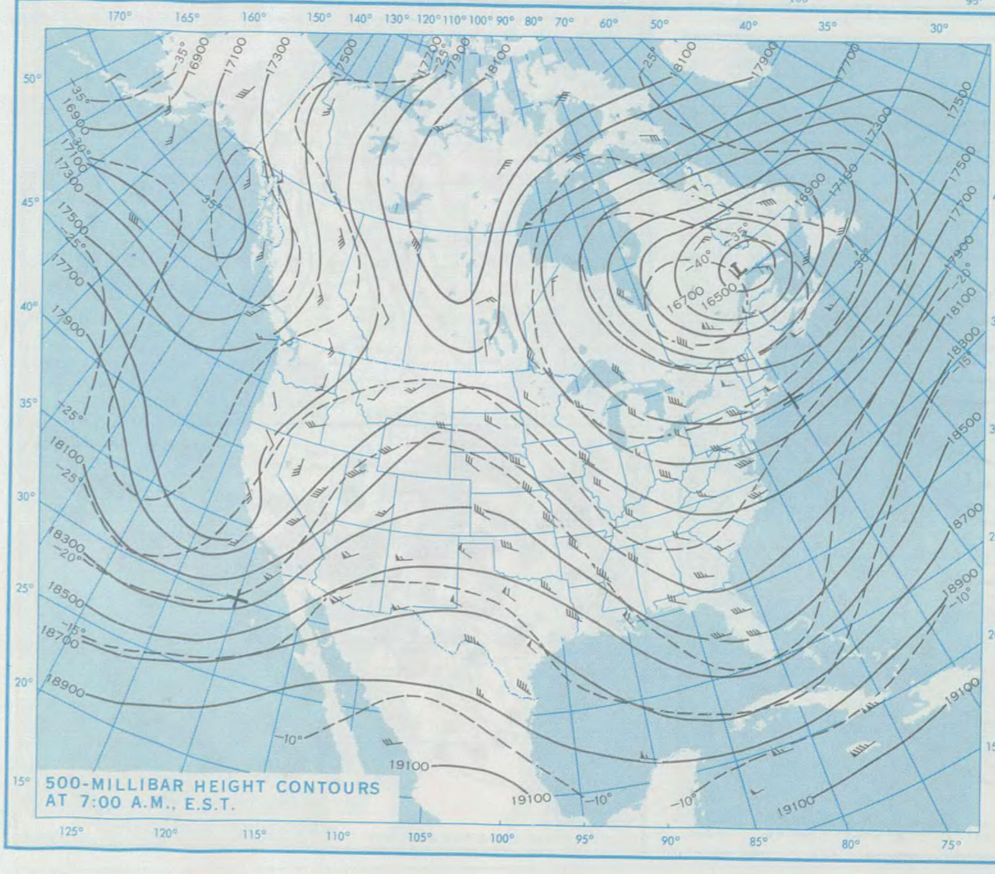

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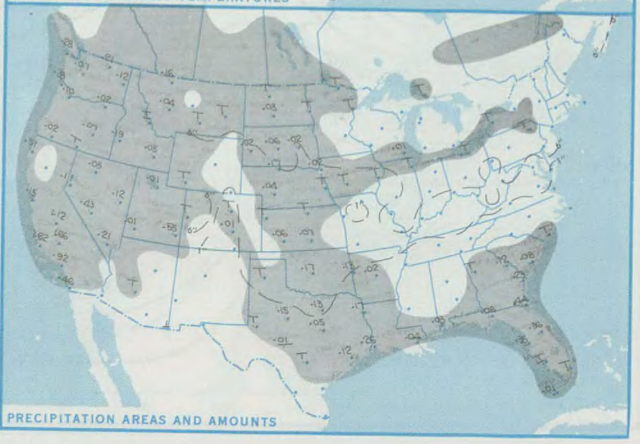

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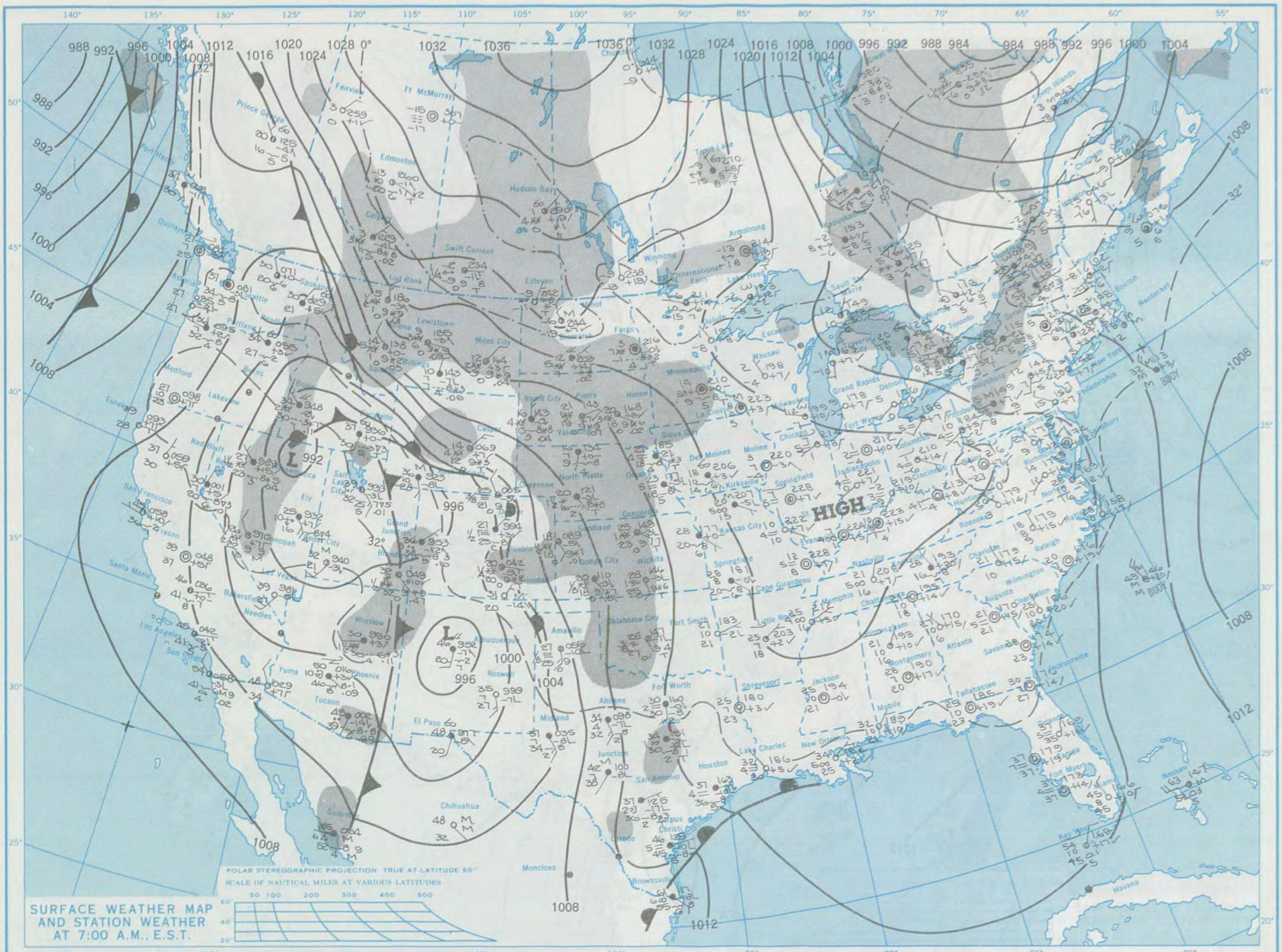

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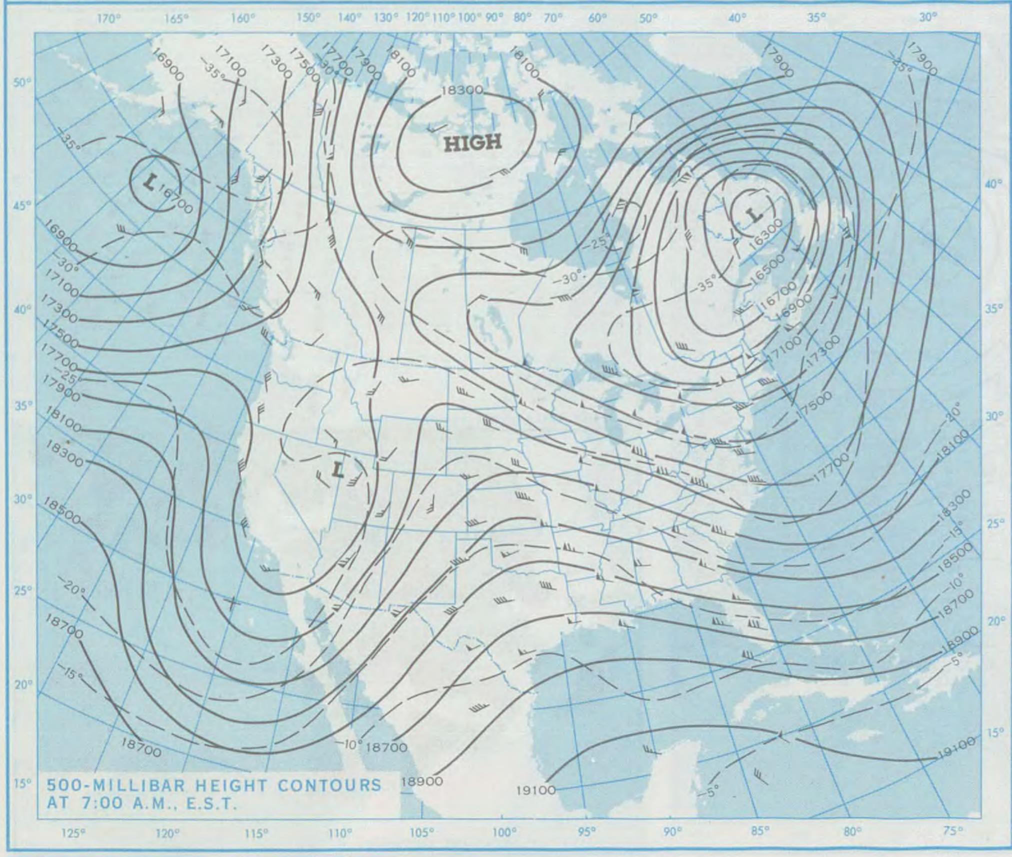

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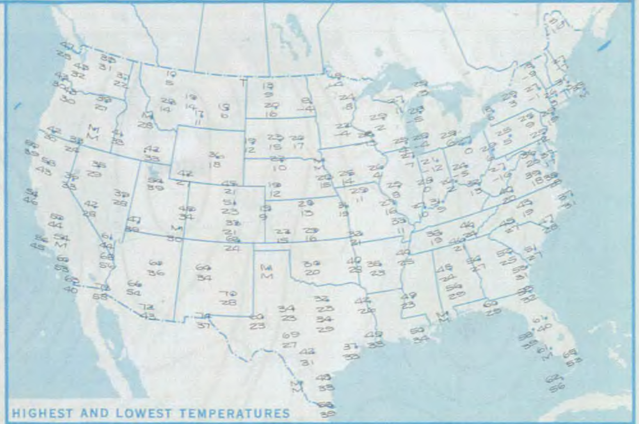

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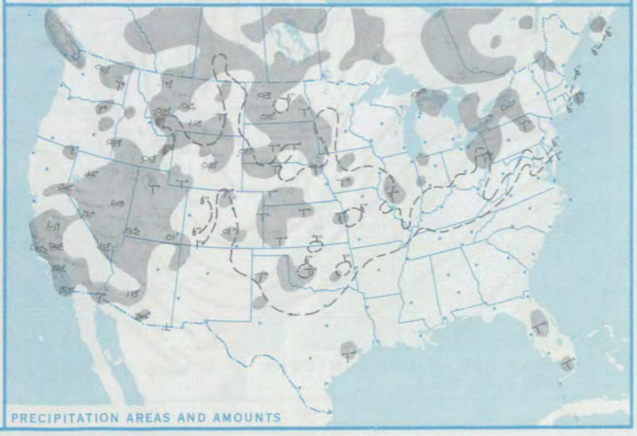

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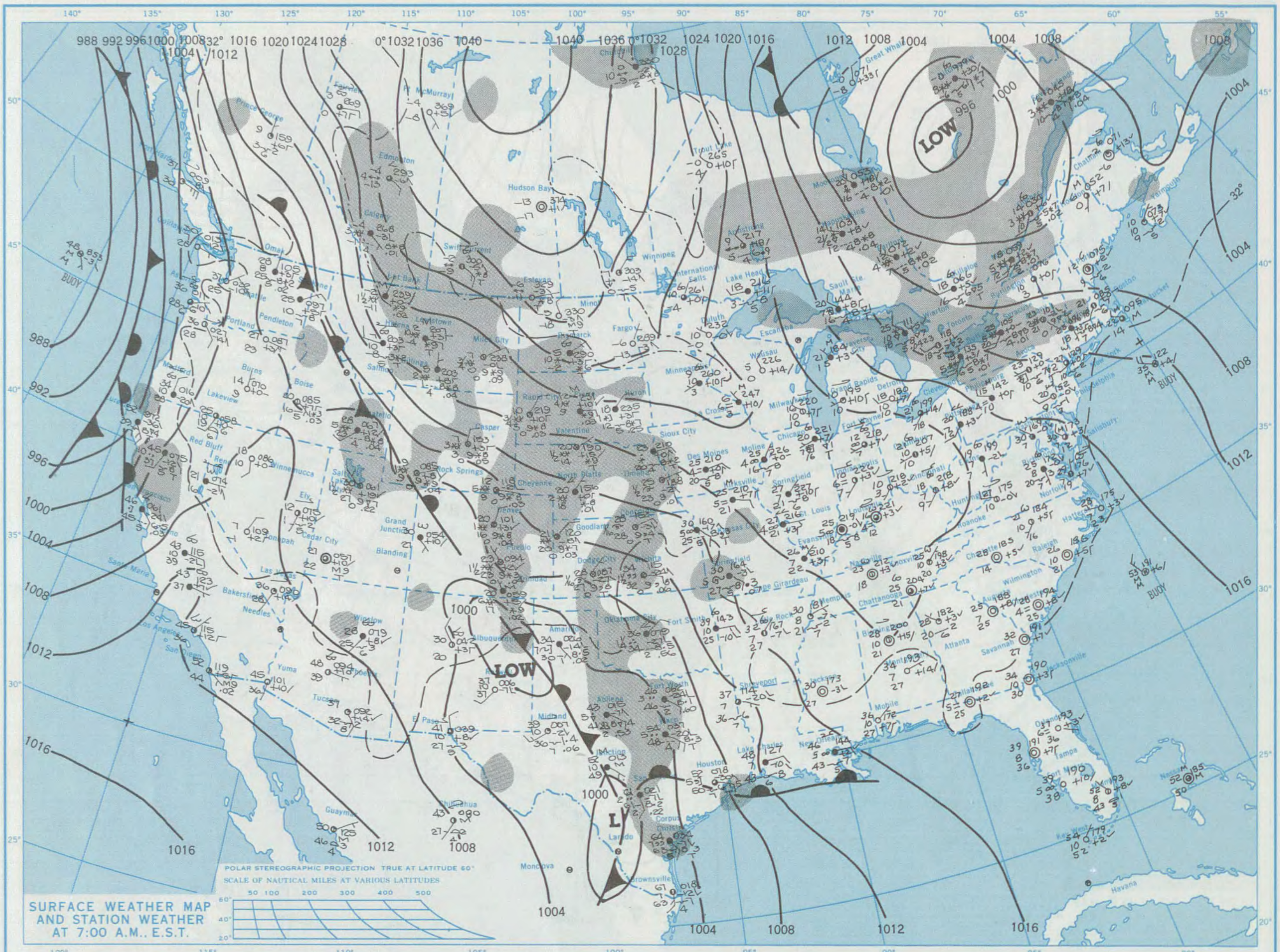

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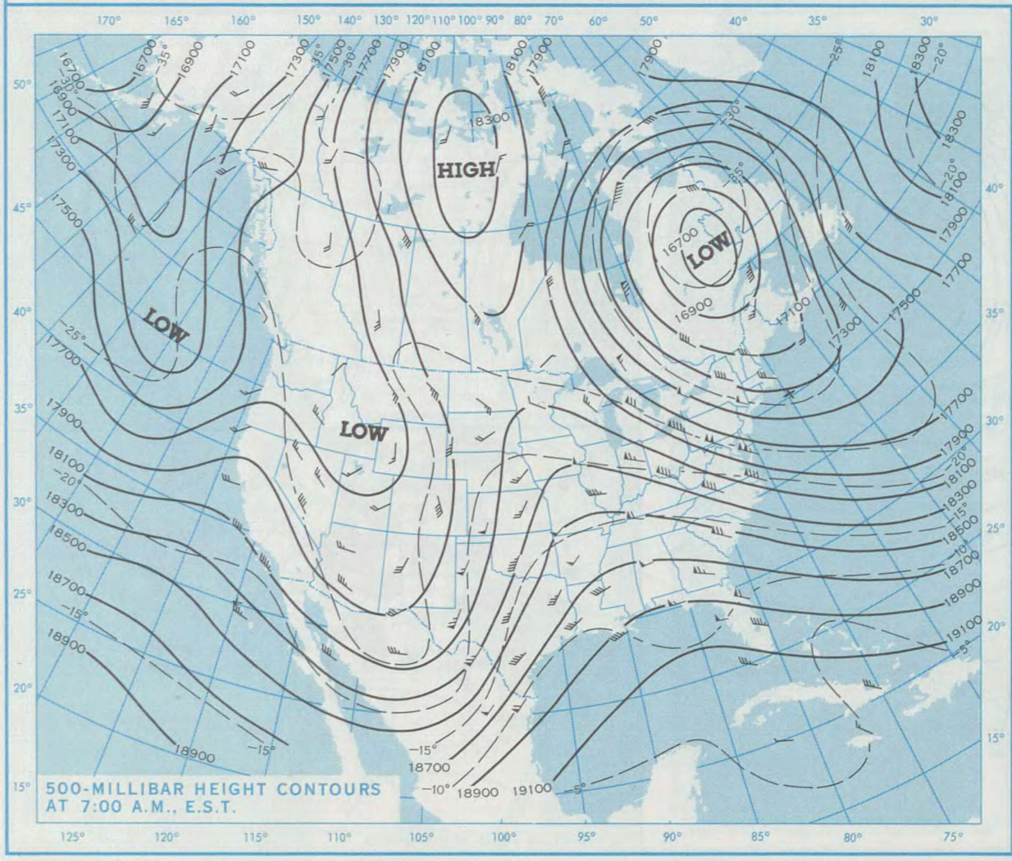

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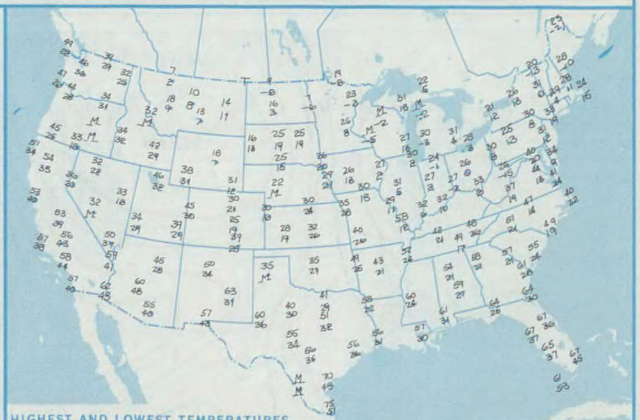

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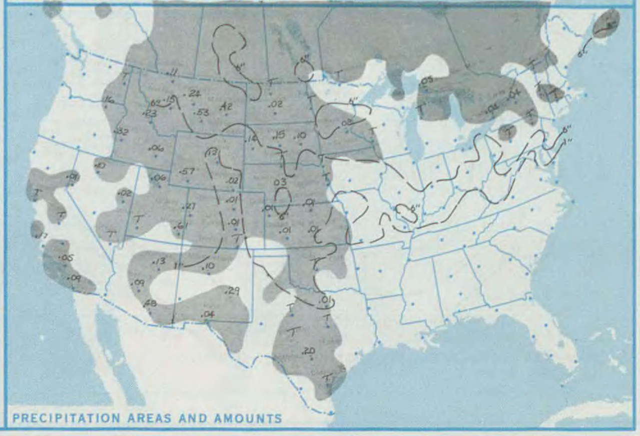

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