



# DAILY WEATHER MAPS

WEEKLY SERIES

APRIL 8-14, 1974

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

Beginning April 1, 1974, data for ocean station "H" and data buoys "EB10" and EB13" will appear on the surface weather map.

The charts in this publication are a continuation of the principal charts of the former Weather Bureau publication, "Daily Weather Map." They include the Surface Weather Map, the 500-Millibar Height Contours chart, the Highest and Lowest Temperatures chart, and the Precipitation Areas and Amounts chart. All of the charts for 1 day are arranged on a single page of this publication. They are copied from operational weather maps prepared by the National Meteorological Center, National Weather Service. The symbols used on the Surface Weather Map and the 500-Millibar Height Contours chart are the same as those used previously in "Daily Weather Map." An explanatory sheet is available, and single copies may be obtained without charge by writing to: National Oceanic and Atmospheric Administration, Central Logistics Supply Center, 619 Hardesty Street, Kansas City, Mo. 64124. Bulk copies may be ordered from the Public Documents Department, U.S. Government Printing Office, Wash-

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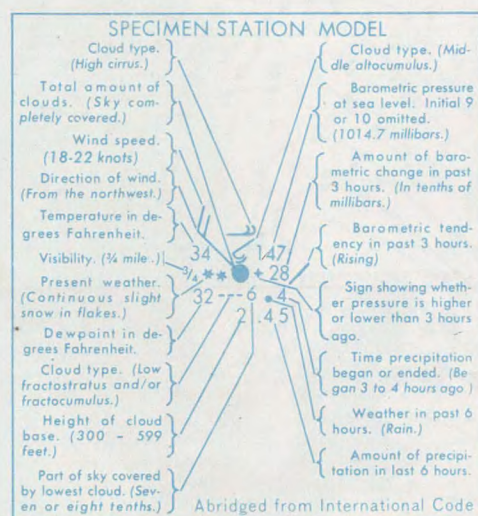
The Surface Weather Map presents station data and the analysis for 7:00 a.m., EST. The tracks of well-defined low pressure areas are indicated by chains of arrows; the locations of these centers at 6, 12, and 18 hours preceding map time are indicated by small black squares enclosing white crosses. Areas of precipitation are indicated by shading. The weather reports that are printed here are only a fraction of those included in the operational weather maps and on which the analyses are based. Occasional apparent discrepancies between the printed station data and the analyses result from those station reports that cannot be included in the published maps because of lack of space.

The 500-Millibar Height Contours chart presents the height contours and isotherms of the 500-millibar surface at 7:00 a.m., EST. The height contours are

shown as continuous lines and are labeled in feet above sea level. The isotherms are shown as dashed lines and are labeled in degrees Celsius. The arrows show the wind direction and speed at the 500-millibar level.

The Highest and Lowest Temperatures chart presents the maximum and minimum values for the 24-hour period ending at 1:00 a.m., EST. The names of the reporting points can be obtained from the Surface Weather Map. The maximum temperature is plotted above the station location, and the minimum temperature is plotted below this point.

The Precipitation Areas and Amounts chart indicates by means of shading the areas that had precipitation during the 24 hours ending at 1:00 a.m., EST. Amounts in inches to the nearest hundredth of an inch are for the same period. Incomplete totals are underlined. "T" indicates a trace of precipitation. Dashed lines, in season, show the depth of snow on the ground in inches as of 7:00 a.m., EST.



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