

[illegible]

This is a meteorological surface analysis map for Thursday, May 10, 1979, at 0600 UTC. The map covers North America, from the Gulf Coast of Mexico up to Canada and Alaska, and extends westward across the Pacific Ocean. Key features include:

- Pressure Systems:** A prominent low-pressure system is located off the West Coast of North America, centered around 40°N, 125°W, with a central pressure of approximately 980 hPa. Another low is visible further east over the Atlantic. High-pressure areas are present in the northern United States and Canada.
- Fronts:** Several frontal boundaries are depicted with standard symbols, including cold fronts (lines with triangles) and warm fronts (lines with semicircles). A tropical front (TROF) is also indicated near the southern tip of Florida.
- Weather Stations:** The map is densely populated with station reports, each consisting of a four-digit identifier followed by various weather parameters such as temperature, dew point, wind speed/direction, and cloud cover.
- Handwritten Annotations:** Numerous handwritten numbers and letters are scattered across the map, likely representing additional observations or corrections. Examples include "H", "T", "E-II", "478", "96", "94", "92", "90", "88", "86", "84", "82", "80", "78", "76", "74", "72", "70", "68", "66", "64", "62", "60", "58", "56", "54", "52", "50", "48", "46", "44", "42", "40", "38", "36", "34", "32", "30", "28", "26", "24", "22", "20", "18", "16", "14", "12", "10", "8", "6", "4", "2", "0".
- Map Elements:** The map includes latitude and longitude grid lines, coastlines, and major cities labeled in all caps.

A legend box in the lower-left quadrant provides the following information:

NATIONAL WEATHER SERVICE
06Z THU 10 MAY 1979
R041. NHC SURFACE ANALYSIS
M000. 0505 303

The date "06Z THU 10 MAY 1979" is printed multiple times throughout the map area.

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- Pressure Systems:** A prominent low-pressure system is located off the West Coast of North America, centered around 40°N, 125°W, with a central pressure of approximately 980 hPa. Another low is visible further east over the Atlantic. High-pressure areas are situated in the northern United States and Canada.
- Fronts:** Several frontal boundaries are depicted with standard symbols, including cold fronts (lines with triangles) and warm fronts (lines with semicircles). A tropical front (TROF) is also indicated near the southern tip of Florida.
- Weather Stations:** The map is densely populated with station reports, each consisting of a four-digit identifier followed by numerical values representing temperature, dew point, wind speed/direction, and other atmospheric parameters.
- Handwritten Annotations:** Various handwritten notes and numbers are present throughout the map, such as "H", "T", "E-II", "478", "96", "94", "92", "90", "88", "86", "84", "82", "80", "78", "76", "74", "72", "70", "68", "66", "64", "62", "60", "58", "56", "54", "52", "50", "48", "46", "44", "42", "40", "38", "36", "34", "32", "30", "28", "26", "24", "22", "20", "18", "16", "14", "12", "10", "8", "6", "4", "2", "0".
- Map Elements:** The map includes latitude and longitude grid lines, coastlines, and major geographical features like the Gulf of Mexico and the Caribbean Sea.

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