

Surface chart for 12Z 07/08/10

This surface chart for 12Z 07/08/10 depicts a low-pressure system (L) centered over the North Atlantic, with a pressure of 1008 hPa. The system is surrounded by several weather fronts: a cold front (blue line with triangles) extending from the northwest, a warm front (red line with semicircles) extending to the northeast, and a stationary front (blue line with alternating triangles and semicircles) to the south. A dashed line indicates a boundary of maximum wind speed. Isobars are drawn at 4 hPa intervals, with values ranging from 1004 to 1016 hPa. Wind vectors are shown as arrows, with some labeled with speeds like 10, 15, and 20. Cloud cover is indicated by numbers in the sky area, such as 10, 20, 30, 40, 50, 60, 70, 80, and 90. The chart also shows the coastline of North America and the Gulf of Mexico.

