QUESTION 51 OF 52: **NOT ANSWERED**

Which concept is supported by the passage and by the information in the graph?

A **Internal waves cause water of varying salinity to mix.**

The graph provides no information about salinity.

B **Internal waves push denser water above layers of less dense water.**

The graph shows layers of less dense water (which, based on the passage, are warmer) riding above layers of denser water (which, based on the passage, are cooler).

C **Internal waves push bands of cold water above bands of warmer water.**

The graph shows that internal waves push isotherms of warmer water above bands of colder water.

D **Internal waves do not rise to break the ocean's surface.**

The author notes that internal waves "do not ride the ocean surface" but "move underwater, undetectable without the use of satellite imagery or sophisticated monitoring equipment." The graph shows that the isotherms in an internal wave never reach the ocean's surface, as the isotherms do not record a depth of 0.