1. On the surface weather map above, locate and draw
   a. the surface cold front.
   b. the surface warm front.
   c. the low pressure center, with the occluded front extending outward from it.

For parts (a) and (b), explain how you drew the fronts. Your explanation should include
the specific weather elements you used to identify the front (for example, temperatures
at stations on opposite sides of the front).

2. Consider a slab of sea ice in the Arctic Sea in a region of westerly winds, so that the
   ice feels an eastward force from the wind (the “wind stress”). Assume that the slab
   is initially at rest. At first, the wind stress accelerates the slab in the direction toward
   which the wind is blowing:

   Side View
   Wind Stress
   _______________________
   | Slab |
   | Sea Surface |

   View from Above
   _______________________
   | Slab |

   Wind Stress

... Continued on Page 2.