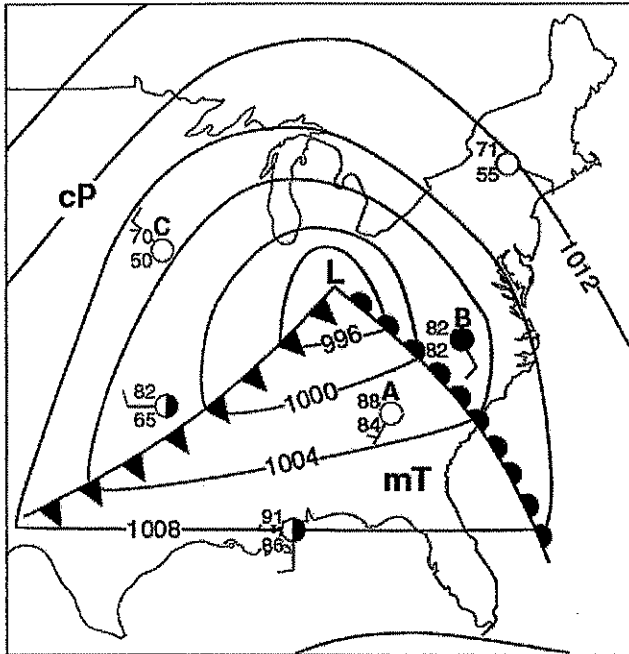
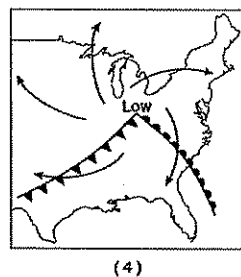
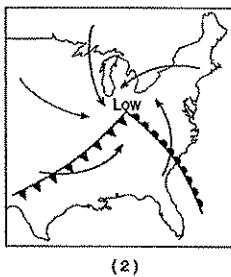
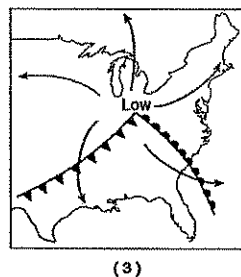
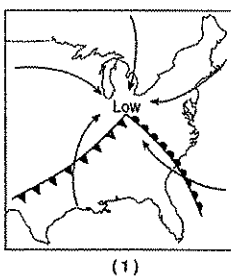
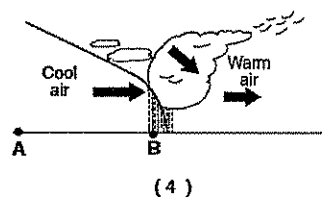
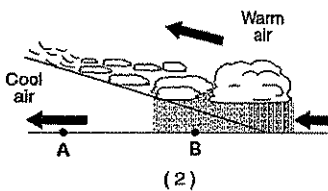
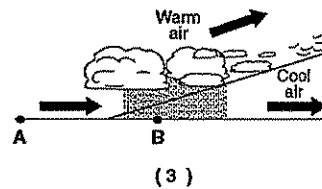
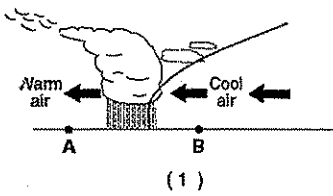


Homework – Low Pressure Systems

Below is a question from a released SOL or similar test. Answer the questions on the right about the SOL question.



1. What is the lowest isobar reading on the map?
2. What is the highest isobar reading on the map?
3. Near weather station 'C', a cP air mass is labeled. What type of weather is usually associated with a cP air mass?
 - a. moist and cool
 - b. dry and cool
 - c. moist and warm
 - d. dry and warm
4. Near weather station 'A', an mT air mass is labeled. What type of weather is usually associated with an mT air mass?
 - a. moist and cool
 - b. dry and cool
 - c. moist and warm
 - d. dry and warm
5. What type of front is shown between weather stations 'A' and 'B'?
6. What type of front is shown between weather stations 'C' and 'A'?
7. According to the weather station models, which location ('B' or 'C') is showing overcast skies?
8. According to the weather station models, which location ('B' or 'C') is showing clear skies?
9. Which cross section (the middle set of pictures) best represents the air masses, air movement, clouds and precipitation occurring behind and ahead of the warm front located between stations 'A' and 'B'?
10. The arrows on which map in the lower section of pictures best represents the direction of surface winds associated with this low pressure system?
11. If this weather system follows a normal storm track, the low pressure center (L) will generally move toward the _____. (circle one of the choices below)



NE SE NW SW

