

6. Why is "fair" weather usually associated with the approach of a high-pressure system (anticyclone)?
  
7. On Figure 17.3, write the names of the global pressure zones indicated by letters A through E, and the wind belts indicated by letters F through K.

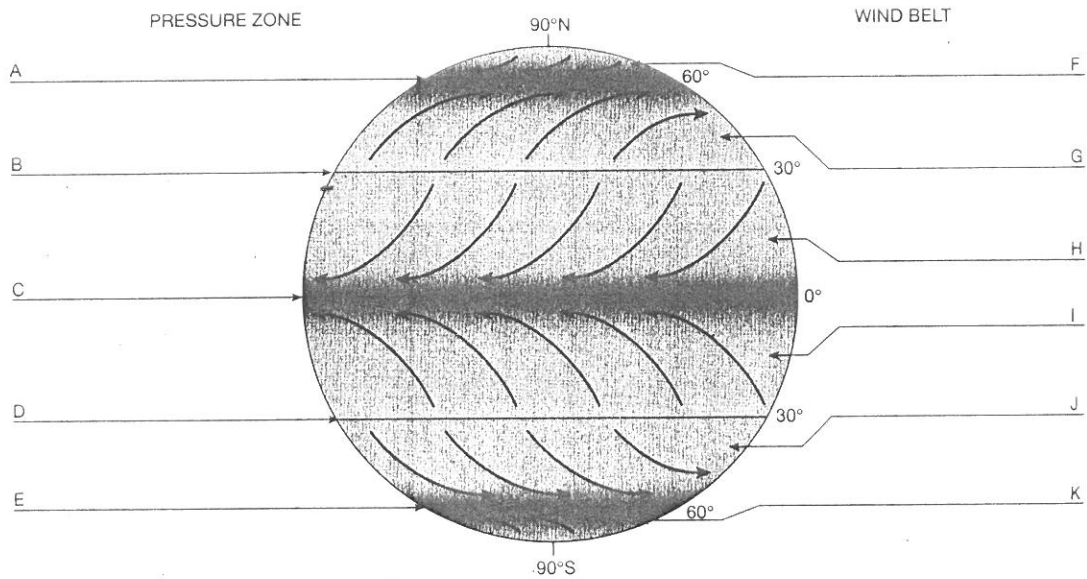


Figure 17.3

8. Write the name of the global pressure zone best described by each of the following statements.
  - a) Warm and cold winds interacting to produce stormy weather: \_\_\_\_\_
  - b) Subsiding dry air with extensive arid and semiarid regions: \_\_\_\_\_
  - c) Warm, rising air marked by abundant precipitation: \_\_\_\_\_
  - d) Cold, subsiding, polar air: \_\_\_\_\_
  
9. Briefly describe each of the following local winds.
  - a) Chinook:
  - b) Sea breeze:
  
10. If a wind is indicated with the following degree, from what compass direction is it blowing?
  - a) 45 degrees: \_\_\_\_\_
  - b) 270 degrees: \_\_\_\_\_
  - c) 180 degrees: \_\_\_\_\_