

Multiple Choice

1. In humid climates, clouds at night tend to form over the water during a:
 - a. Santa Ana wind
 - b. chinook wind
 - c. lake breeze
 - d. land breeze
 - e. sea breeze

2. The winter monsoon in eastern and southern Asia is characterized by:
 - a. wet weather and winds blowing from sea to land
 - b. wet weather and winds blowing from land to sea
 - c. dry weather and winds blowing from sea to land
 - d. dry weather and winds blowing from land to sea

3. A thermal low does *not*:
 - a. form in a region of warm surface air
 - b. form in response to variations in surface air temperature
 - c. become stronger with increasing height

4. Which of the following is an example of mesoscale motion?
 - a. winds blowing past a row of trees
 - b. winds blowing through a city
 - c. winds on a 500-mb chart
 - d. average winds of the Northern Hemisphere
 - e. average winds of the entire world

5. The prevailing winds in South Florida are northeasterly. Consequently, the strongest sea breeze normally occurs on Florida's _____ coast, and the strongest land breeze on Florida's _____ coast.
 - a. east, west
 - b. east, east
 - c. west, east
 - d. west, west

6. An offshore wind blows:
 - a. from water to land
 - b. from land to water
 - c. either from water to land or from land to water