

Chapter 7 Glaciers, Deserts, and Wind

Section 7.3 Landscapes Shaped by Wind

This section describes how winds shape various landforms.

Reading Strategy

Outlining As you read, make an outline of this section. Use the green headings as the main topics and the blue headings as subtopics. Add supporting details to the outline. For more information on this Reading Strategy, see the **Reading and Study Skills** in the **Skills and Reference Handbook** at the end of your textbook.

Landscapes Shaped by Wind	
I. Wind Erosion	
A. Deflation	
B. Abrasion	
II. _____	
A. _____	
B. _____	
III. _____	
A. _____	
B. _____	
C. _____	
D. _____	
E. _____	
F. _____	

Wind Erosion

Match each description to its term.

	Description	Term
_____	1. shallow depressions caused by deflation	a. deflation
_____	2. a stony surface caused by deflation	b. abrasion
_____	3. the cutting and polishing of exposed rock surfaces by windblown sand	c. blowouts
_____	4. the lifting and removal of loose particles such as clay and silt	d. desert pavement

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5. Circle the letter of each statement that is true about wind erosion.
 - a. Wind is the source of more erosion than water, even in desert climates.
 - b. Wind erodes the desert in two ways: deflation and abrasion.
 - c. All blowouts caused by deflation are about the same size.
 - d. Sand rarely travels more than a meter above the surface, so the wind's sandblasting effect is limited in the vertical direction.

Wind Deposits

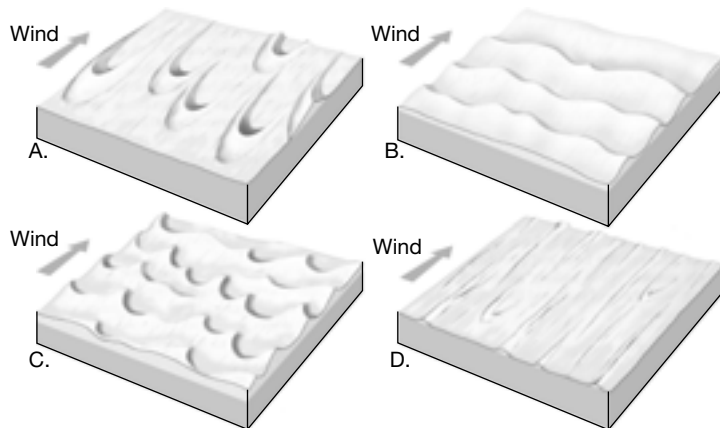
6. Is the following sentence true or false? Layers of loess and sand dunes are landscaping features deposited by water.

7. _____ is windblown silt that blankets the landscape.
8. Circle the letter of each statement that is true about wind deposits.
 - a. The thickest and most extensive deposits of loess on Earth occur in western and northern China.
 - b. Significant loess deposits are found in portions of South Dakota, Nebraska, Iowa, Missouri, Illinois, and the Pacific Northwest.
 - c. Winds commonly deposit sand in mounds or ridges called dunes.
 - d. Dunes occur on unobstructed flat ground.

Types of Sand Dunes

9. Write the type of each dune illustrated in the figures below.

- A. _____
- B. _____
- C. _____
- D. _____



10. Give a brief description of two additional types of sand dunes that are not shown in the figure.
