

Name \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_

## Death Valley

Death Valley is the lowest, hottest, and driest location in the United States. The valley is located between the Panamint and Funeral Ranges of eastern California. Along the southern edge of this view, a road curves around the lowest reaches of two alluvial fans that have carried sand and pebbles down into the valley. Sand dunes stretch across most of this view. The tallest dune (K13) is about 40 meters (130 feet) tall.

1. Which side of the dunes appears to be the steepest? \_\_\_\_\_  
\_\_\_\_\_
2. What is the dominant wind direction in this part of Death Valley? How can you tell? \_\_\_\_\_  
\_\_\_\_\_
3. In which direction are the dunes going to migrate in the future? Why? \_\_\_\_\_  
\_\_\_\_\_
4. Where did the sand that makes up the dunes originate? \_\_\_\_\_  
\_\_\_\_\_
5. If this area were cooler and had a higher annual rainfall, in what ways might this area look different? \_\_\_\_\_  
\_\_\_\_\_
6. The dark spotted area around H32 is vegetation. In what way is the vegetation affecting the formation of the sand dunes? \_\_\_\_\_  
\_\_\_\_\_

(Continued...)

7. Draw a profile of one of the dunes from the northwest to the southeast. Label the directions in your drawing.

