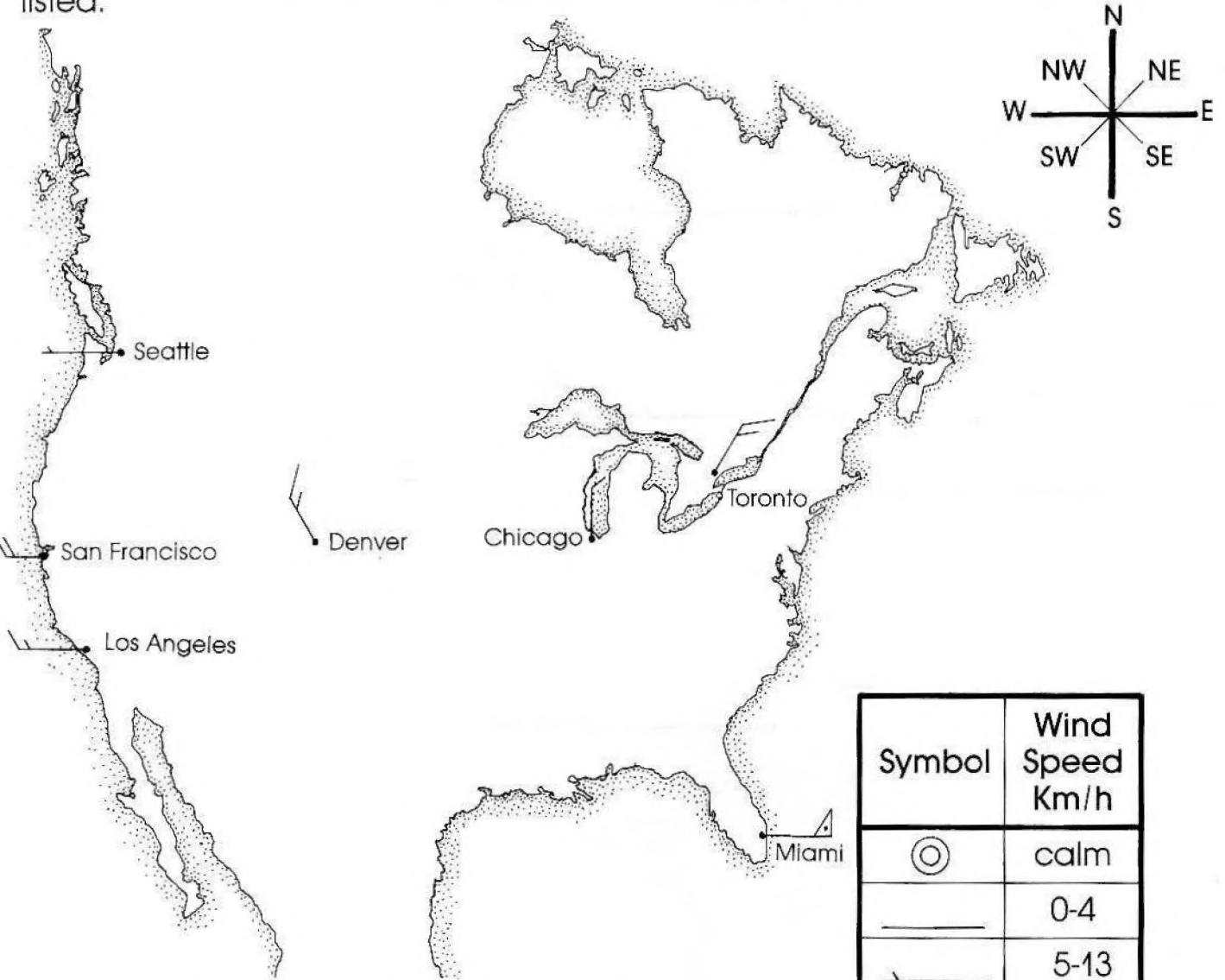


On the chart below list the wind speed and wind direction for the cities that are listed.



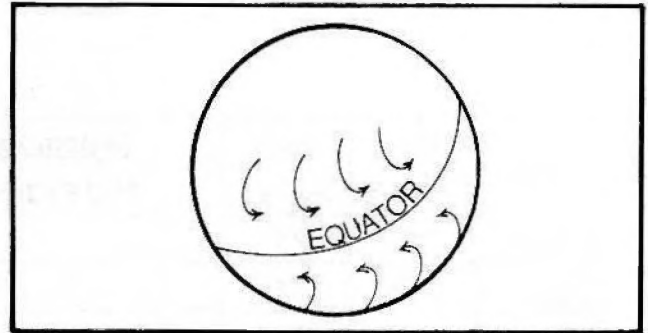
Symbol	Wind Speed Km/h
⊙	calm
—	0-4
—	5-13
—	14-22
—	23-32
—	33-41
—	42-50
—	51-49
—	60-69
—	70-78
—	79-87
—	88-96

City	Wind Direction	Wind Speed
Los Angeles		
San Francisco		
Seattle		
Denver		
Chicago		
Toronto		
Miami		

Name the three air current phenomena pictured below using words from the Word Bank. Then fill in each explanation.

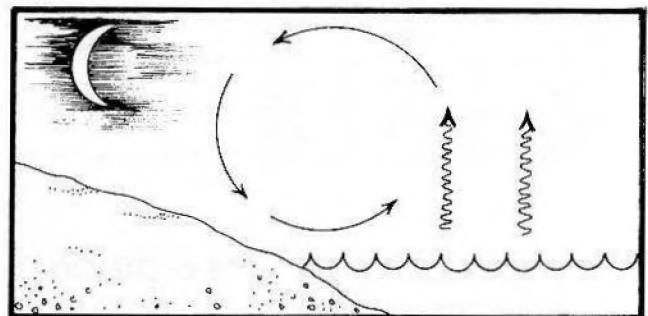
This picture shows: _____

Explanation: _____



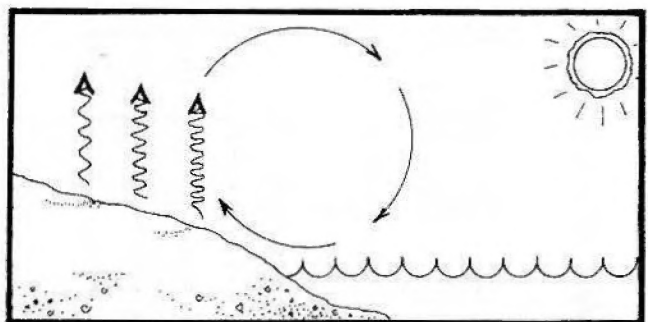
This picture shows: _____

Explanation: _____



This picture shows: _____

Explanation: _____



WORD BANK

a land breeze
a sea breeze
the Coriolis effect

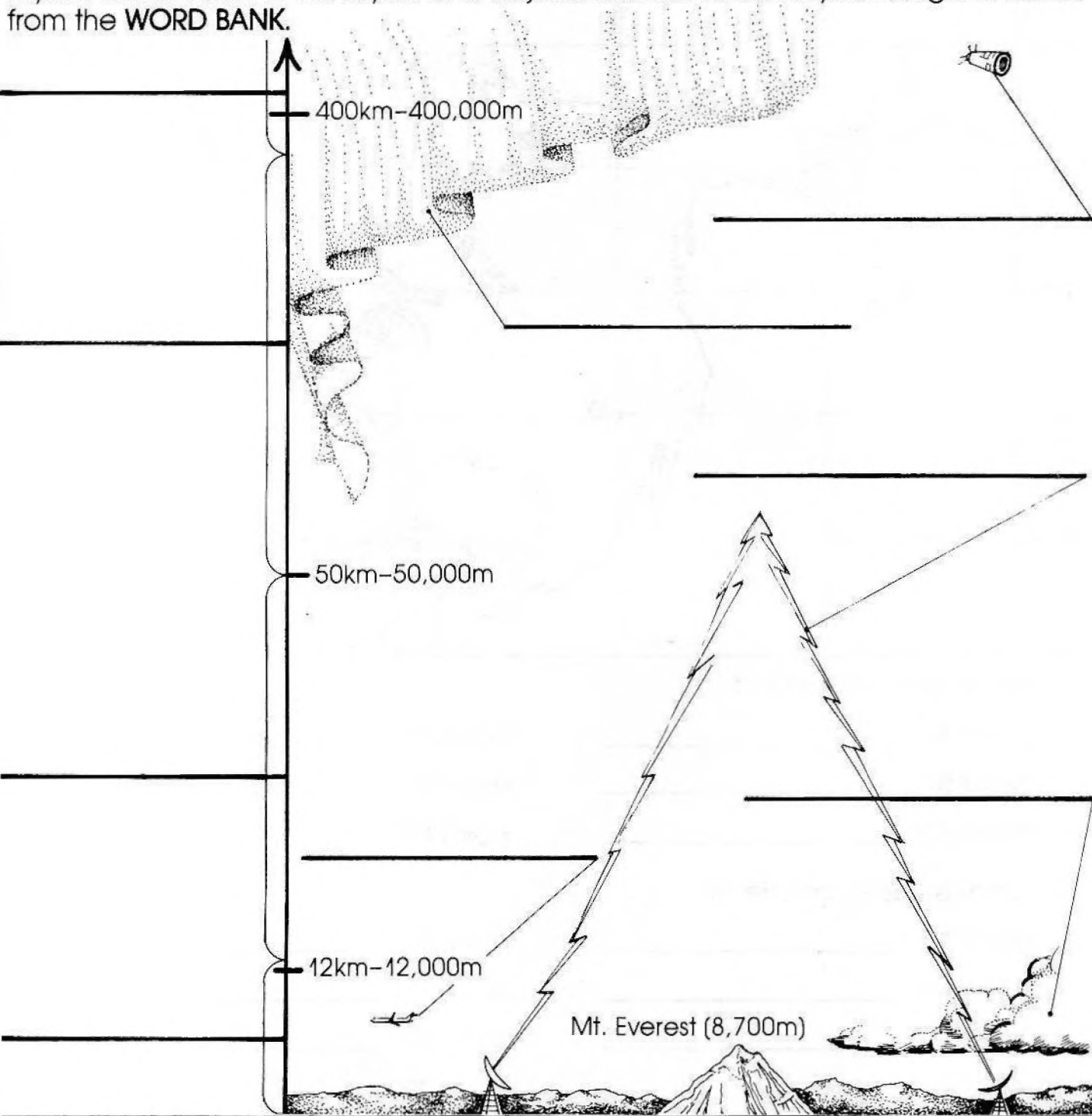
EXPLANATIONS

The earth's rotation affects the paths of winds.

During day, cooler air from sea replaces warm air over shore.

At night, cool air over shore replaces warm air over sea.

Our atmosphere extends several hundred kilometers upward. In the illustration below notice different layers of the atmosphere and what may be found in those layers. Label each of the layers and objects found in these layers using the words from the **WORD BANK**.



WORD BANK

troposphere
exosphere
jet airlines

stratosphere
space capsule

ionosphere
aurorae

radio wave
highest clouds