

# Weather fronts

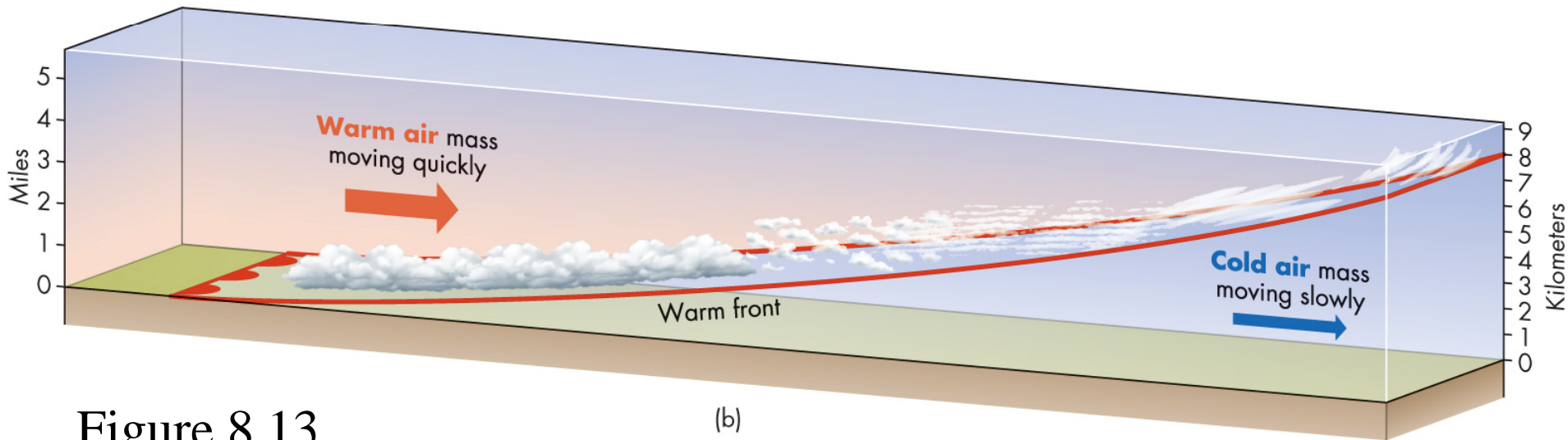
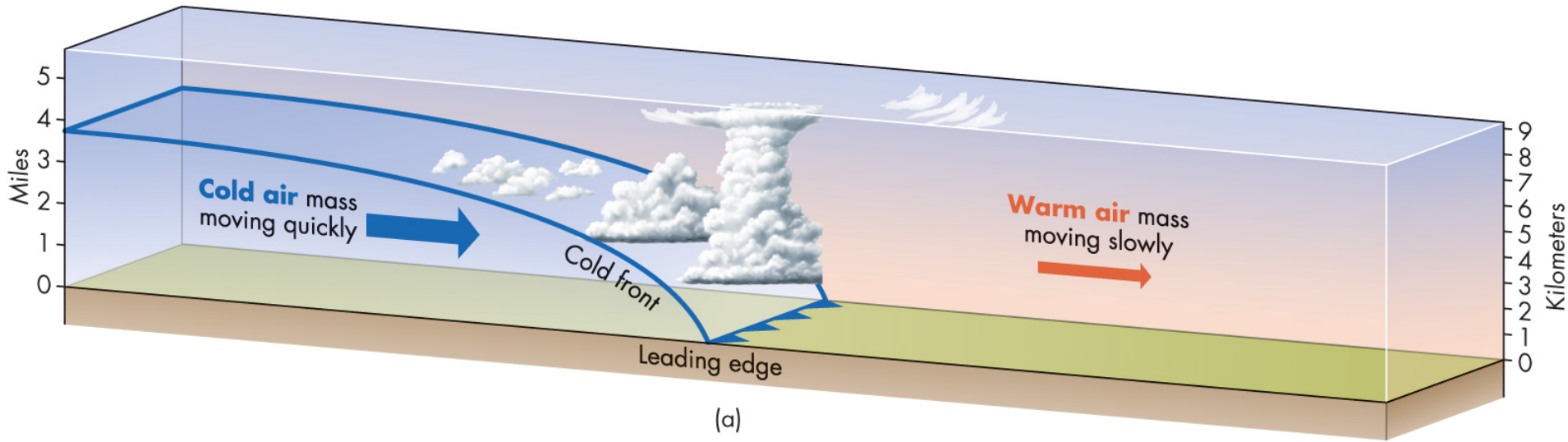
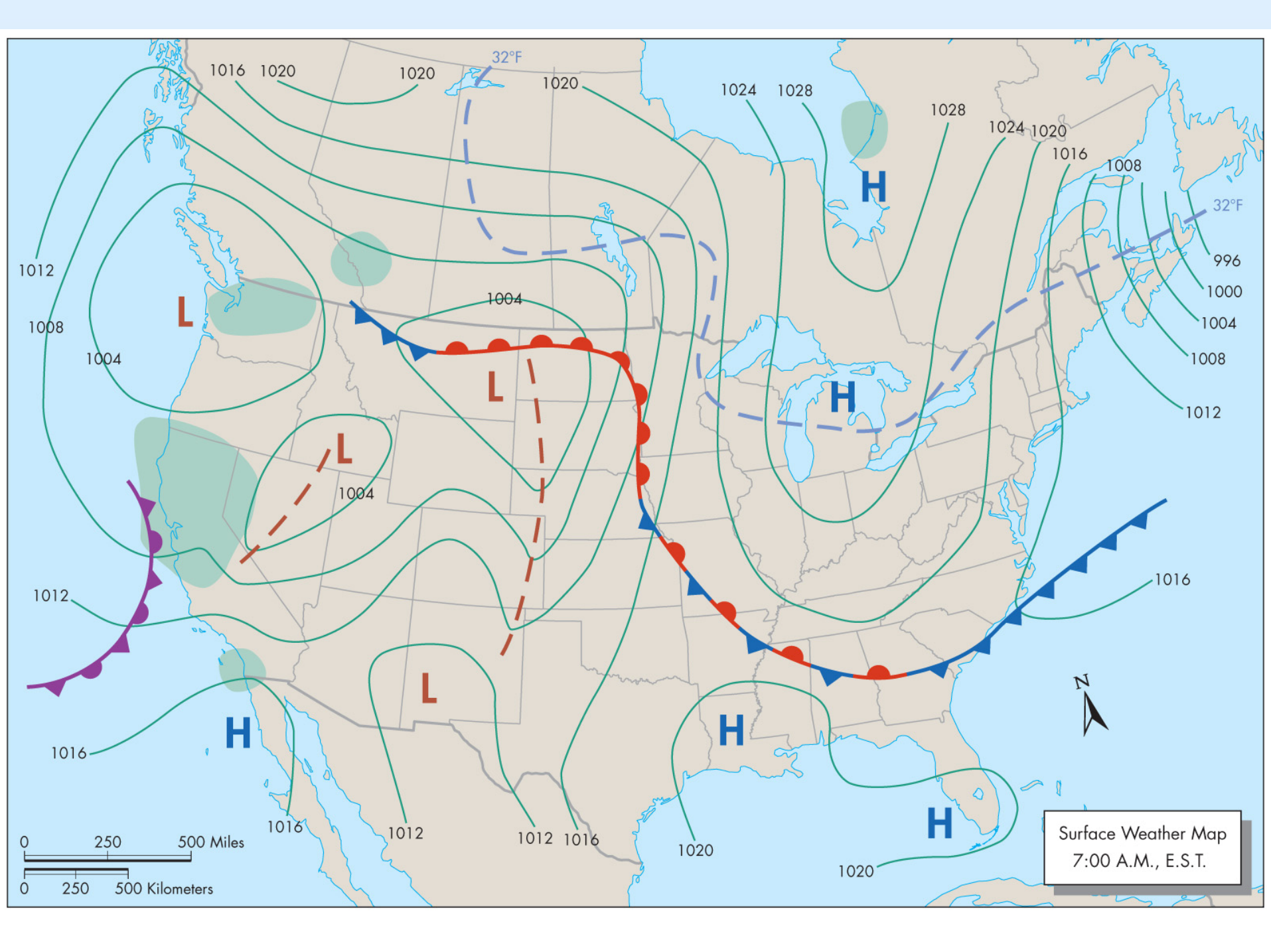


Figure 8.13



Surface Weather Map  
7:00 A.M., E.S.T.

# Occurrence of thunderstorms

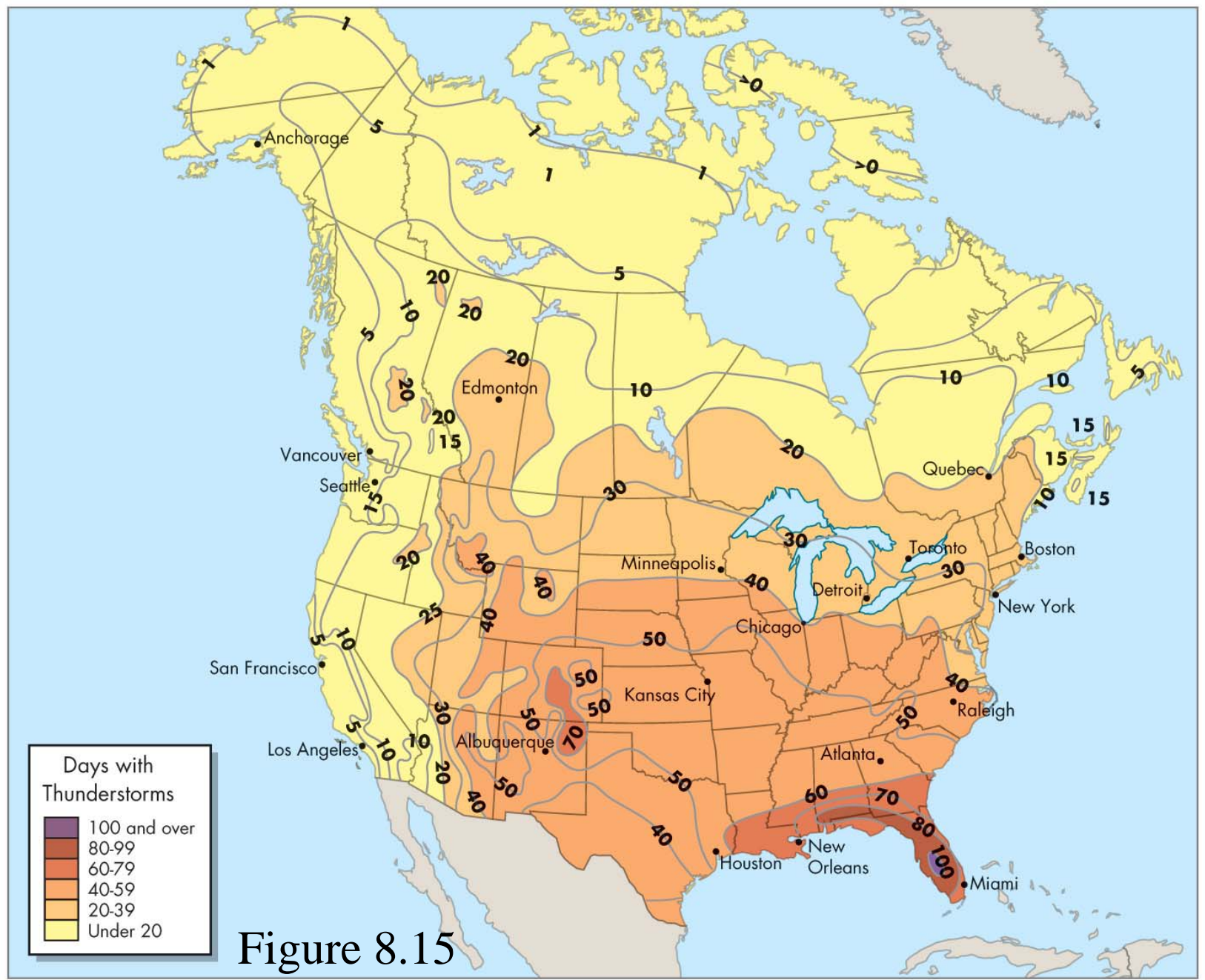


Figure 8.15



# A developing thunderstorm

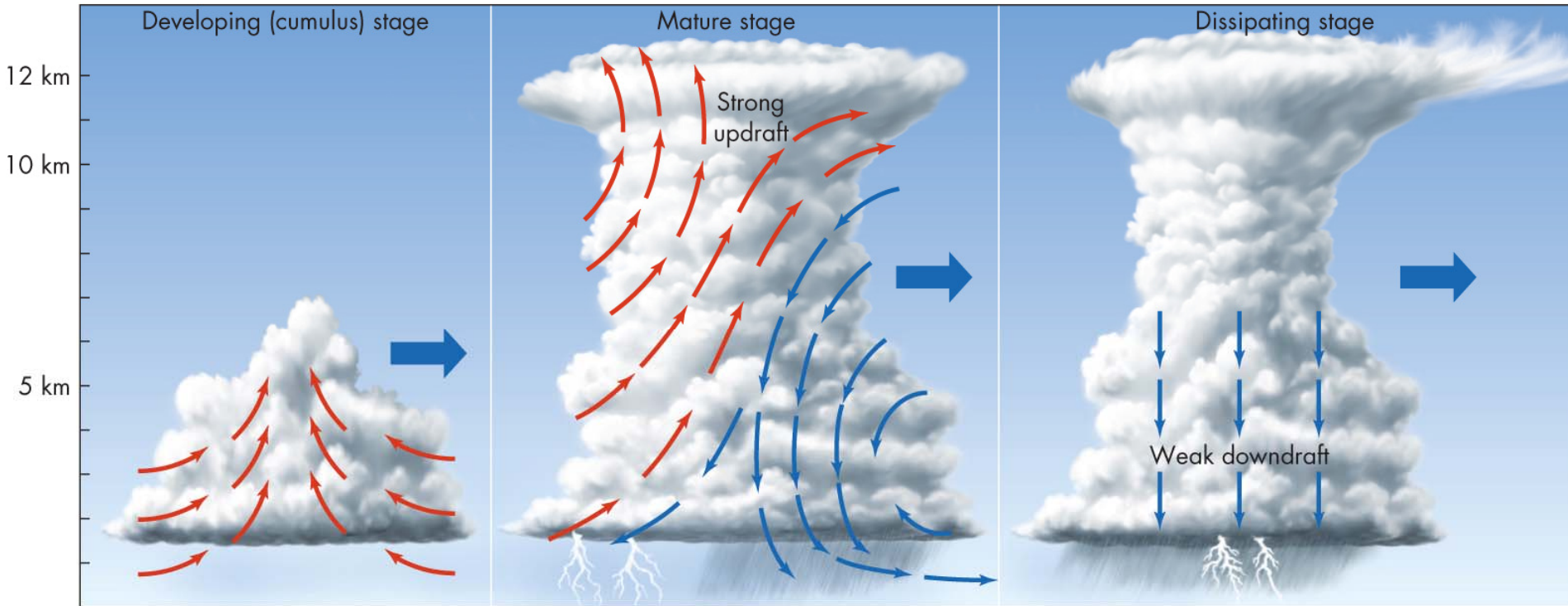


Figure 8.16



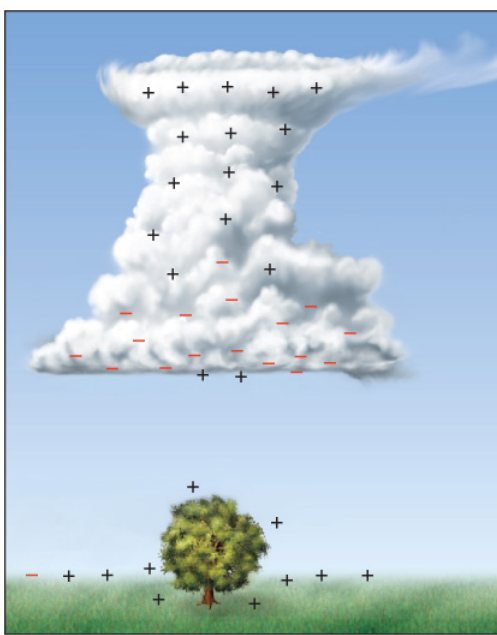
Anvil  
top



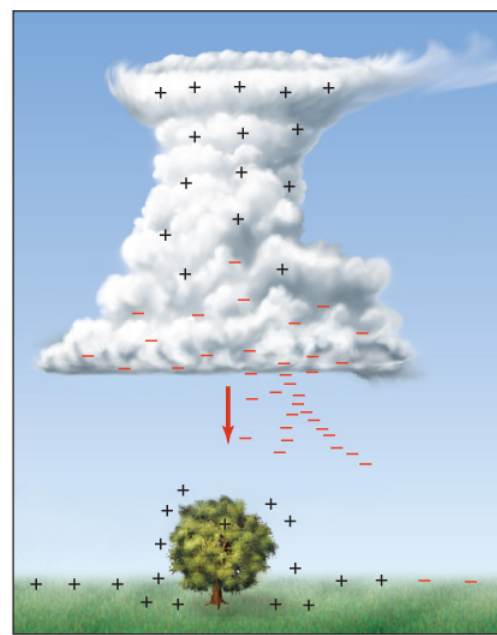
Cloud-to-ground lightning

Cloud-to-cloud lightning

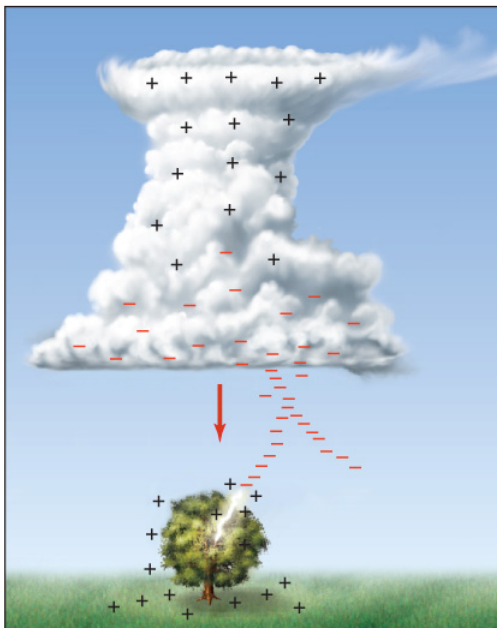




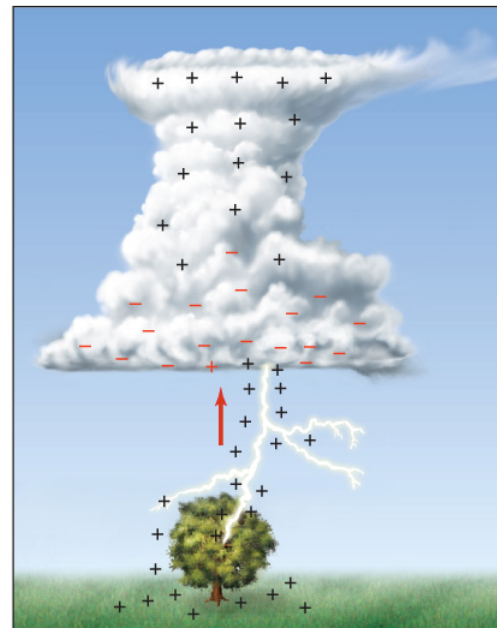
(a)



(b)

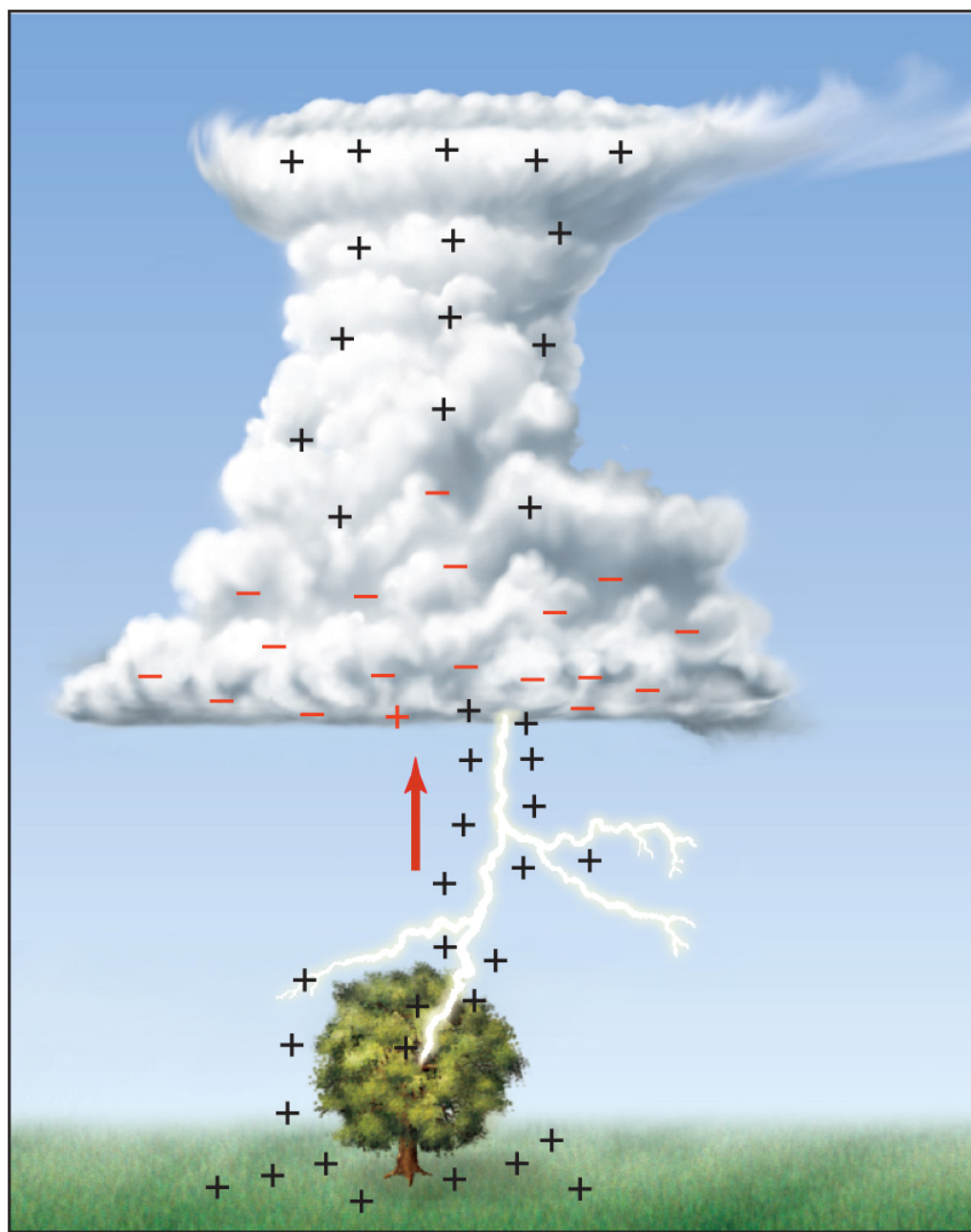


(c)



(d)





(d)

# LIGHTNING KILLS

## PLAY IT SAFE

"When lightning threatens, do what the pros do... Get off the course."

*Vijay Singh*  
2000 Masters Champion  
1998 PGA Champion



[www.lightningsafety.noaa.gov](http://www.lightningsafety.noaa.gov)

NOAA 06-0014E



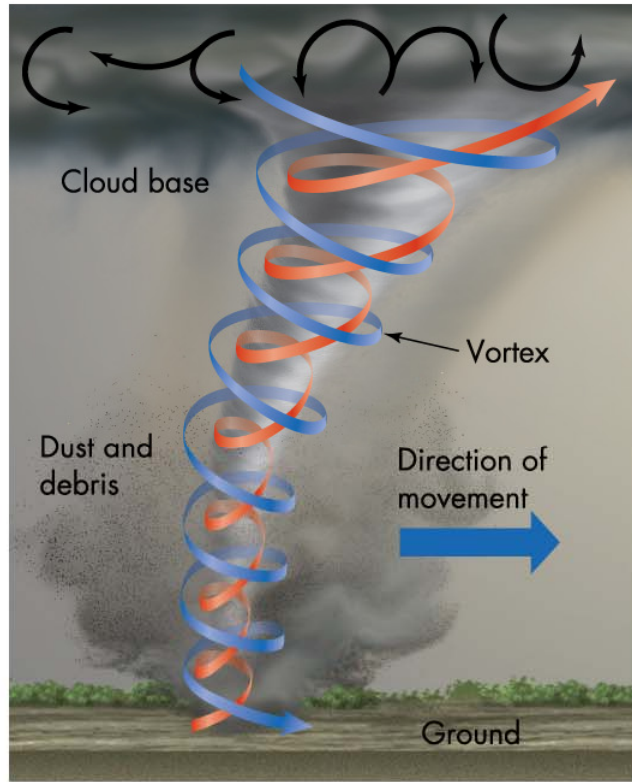
Wall  
cloud



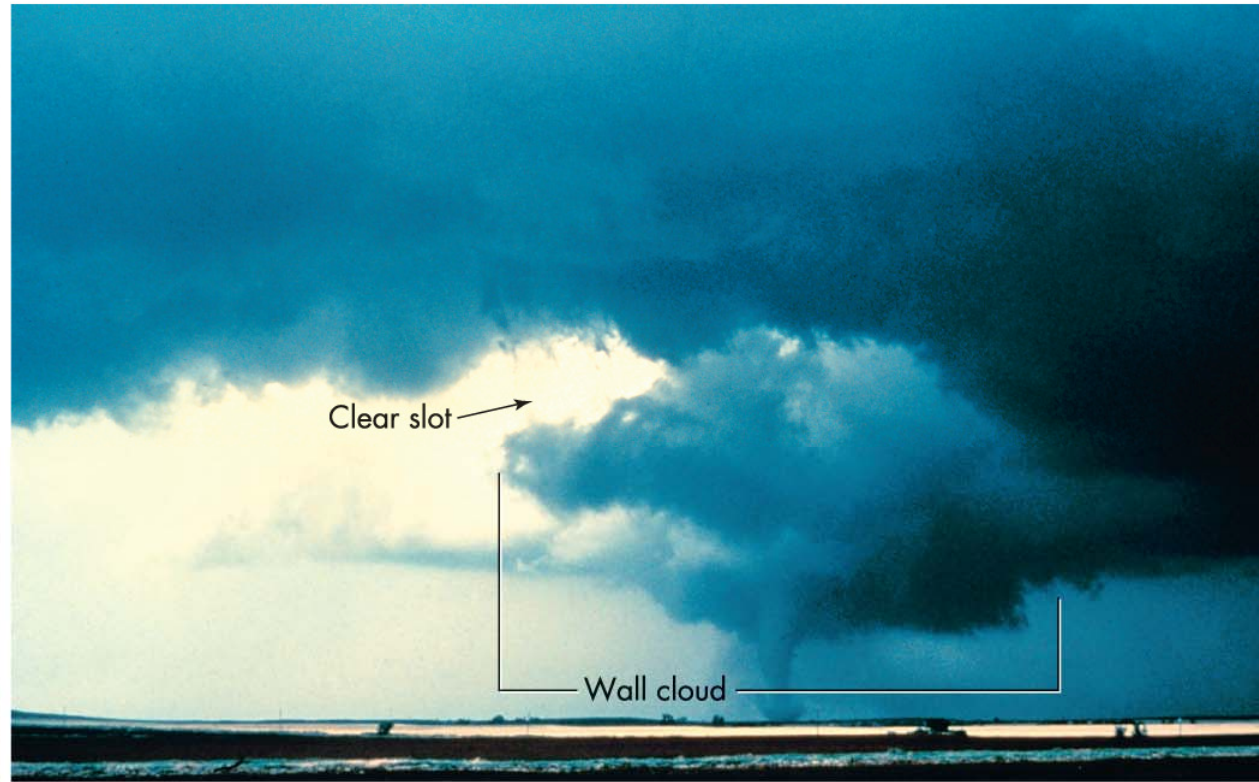
(a)



# Producing a tornado

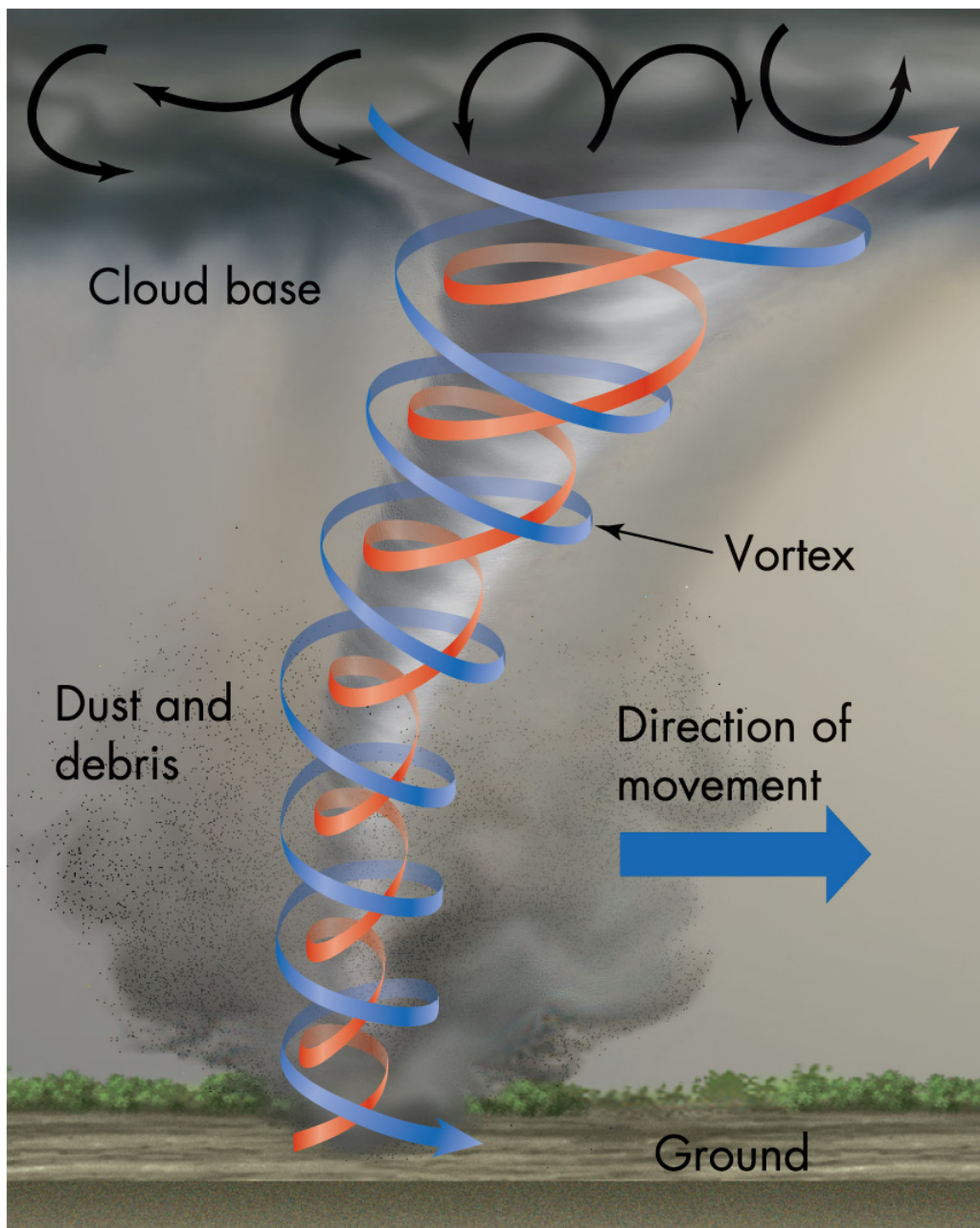


(a)



(b)

Figure 8.19



(a)



Funnel  
cloud

(b)





Tornado



(d)