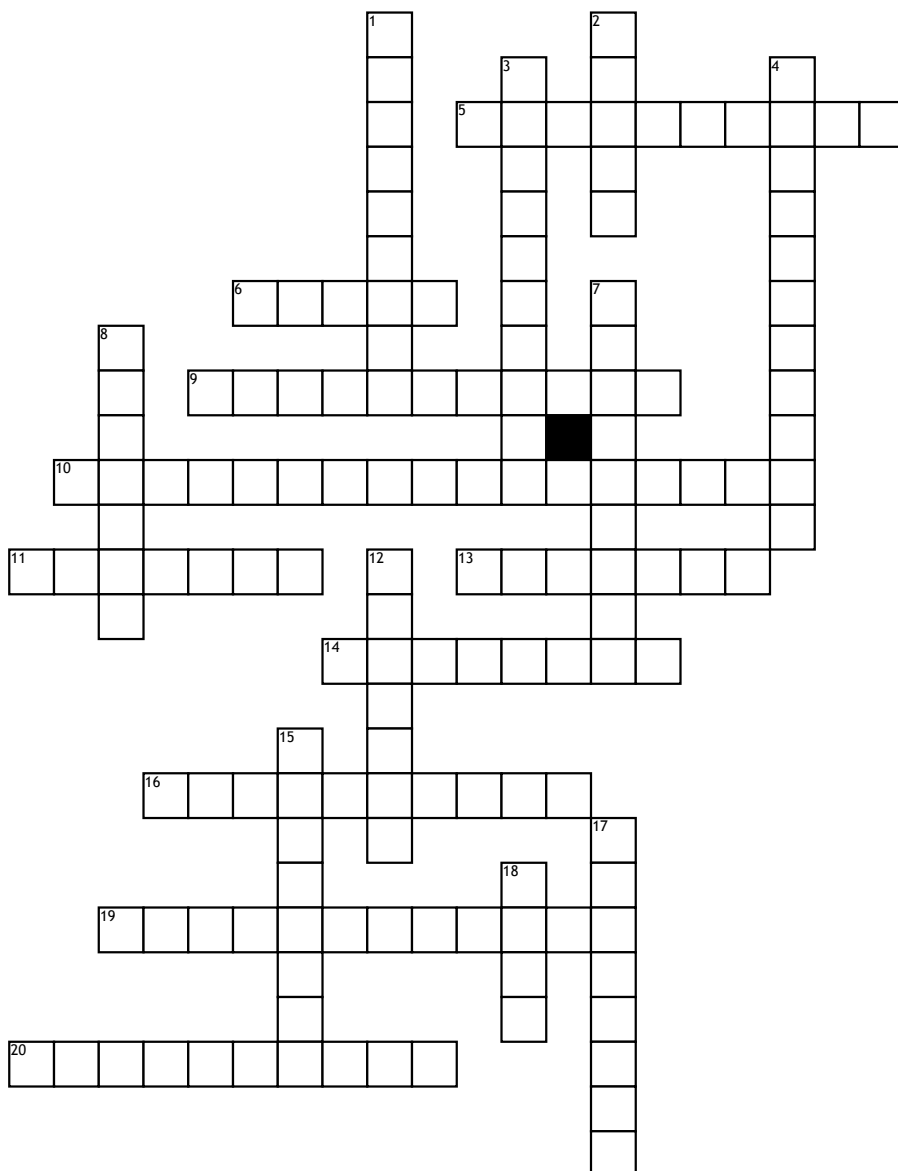


# Weather Puzzle



## Across

5. Another word for incoming solar radiation.  
 6. What has a higher specific heat? Land or water?  
 9. How much energy something has is called what?  
 10. What instrument measures dew point and relative humidity?  
 11. Convection is caused by differences in what?  
 13. What are atmospheric changes over a short time called?  
 14. What side of the mountain is windy, rainy, and cool?

16. Energy gained or released during a phase change is called what?

19. What is the source region of a mT air mass, which is warm + wet?

20. By which process does energy flow through fluids?

## Down

1. During the day what kind of breeze do we have?  
 2. The boundary between air masses is called a what?  
 3. What instrument measures wind?

4. How much air is pushing down on you is called what?

7. What instrument measures pressure?

8. A low pressure system is called a...

12. What are average conditions over many years called?

15. When air can no longer hold water it has reached the...

17. A line of equal temperature is called a...

18. Air that moves horizontally is called what?