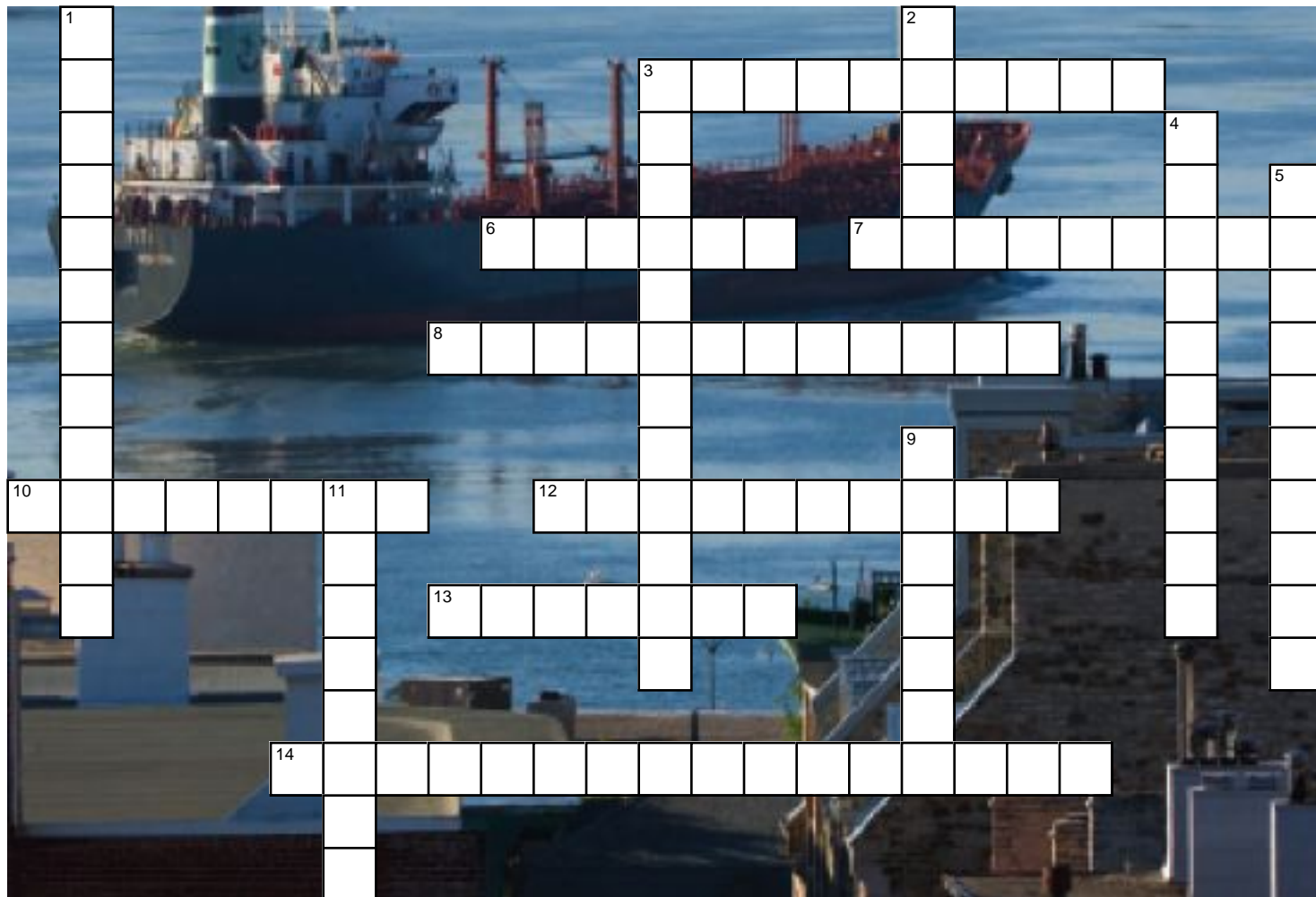


10.2 Water's Influence on Weather and Climate



Across

3. Large bodies of water have a _____ effect on atmospheric temperatures and therefore on the climate of the nearby region.
6. The interaction between large water surfaces and the atmosphere above can produce severe _____.
7. Farmers living close to the Great Lakes typically enjoy a much longer _____-_____ period than farmers living elsewhere in Ontario.
8. Water has a higher _____ than land or air.
10. Hurricanes and somewhat less severe storms are fairly common in the _____ provinces.
12. Earth is surrounded by an _____ made up of a mixture of gases including water vapour.
13. Oceans and large lakes have a moderating effect on the air temperature of _____ areas.
14. In August 2005, _____ devastated much of the north central coast of the Gulf of Mexico.

Down

1. Because of the greater proportion of _____ south of the equator, the moderating effect on that hemisphere's climate is notably greater than on the northern hemisphere's climate.
2. _____ takes longer than air or land to absorb heat.
3. A _____ is an area with a small localized climate variation that differs from the larger climate area around it.
4. _____ are a severe type of storm that start out as thunderstorms over warm ocean waters.
5. The southern _____ has more water area than the northern one does and this affects climates on a global scale.
9. _____ is a popular topic of conversation. It is so popular that there are media channels dedicated to reporting about it exclusively.
11. The Great Lakes provide large amounts of _____ to the air which in winter eventually falls as snow.