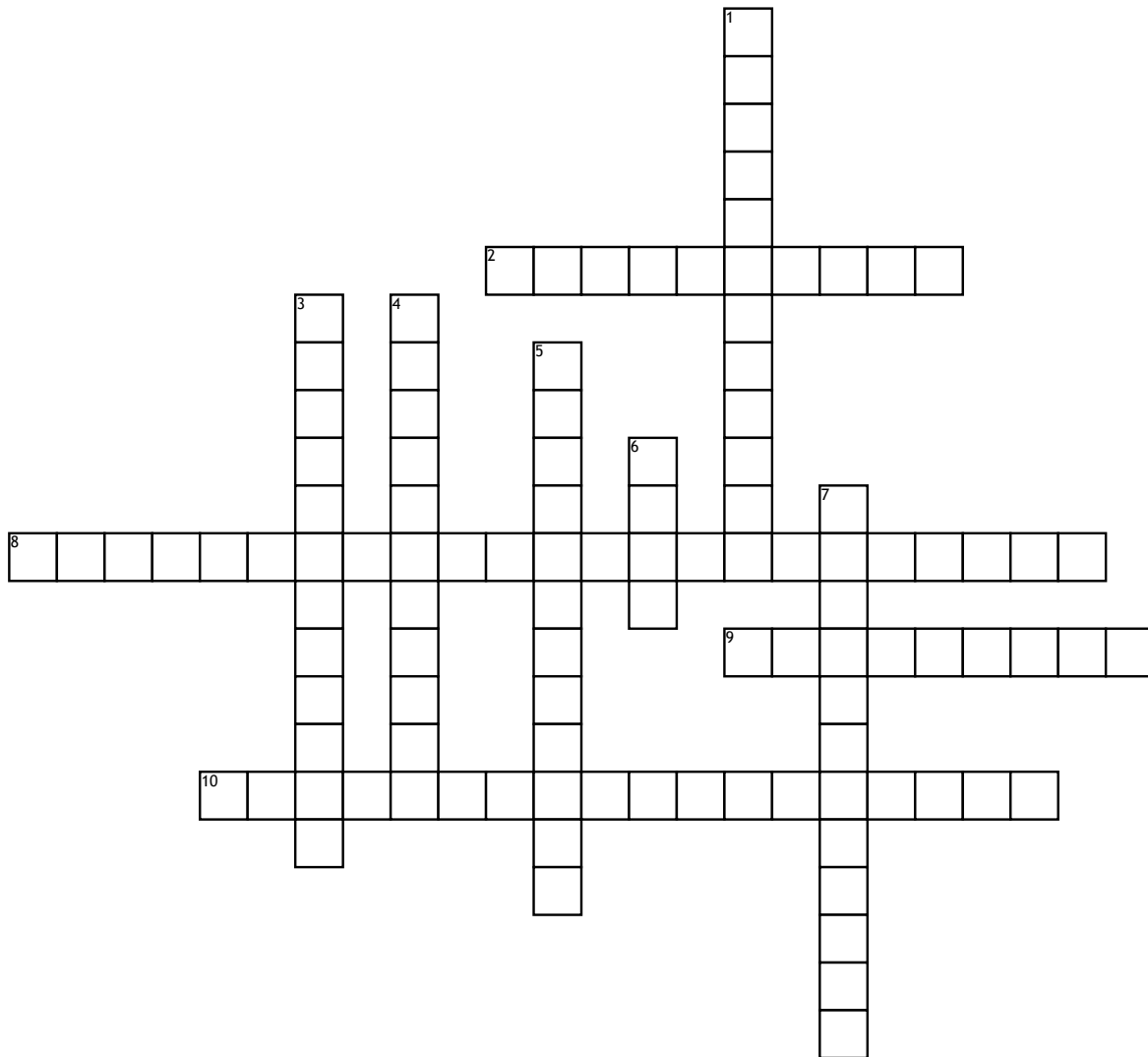


convection currents



Across

2. a breeze blowing toward the sea from the land, especially at night, owing to the relative warmth of the sea

8. is a constantly moving system of deep-ocean circulation driven by temperature and salinity.

9. a breeze blowing toward the land from the sea, especially during the day owing to the relative warmth of the land.

10. in the atmosphere carry heated air up and drop cooler air down toward earth's surface.

Down

1. what happens when the air cools, becomes denser, and sinks towards earth's surface

3. is a part of the large-scale ocean circulation that is driven by global density gradients created by surface heat and freshwater fluxes.

4. is when the air mass warms and becomes less dense rising above earth's surface

5. the number of heat units needed to raise the temperature of a body by one degree.

6. is the difference in pressure between a high and low pressure flowing from higher to lower pressure

7. winds that affect a comparatively small area