DATA SHEET · AGES 8–15

Five buoys, one day

Name _____

Date _____

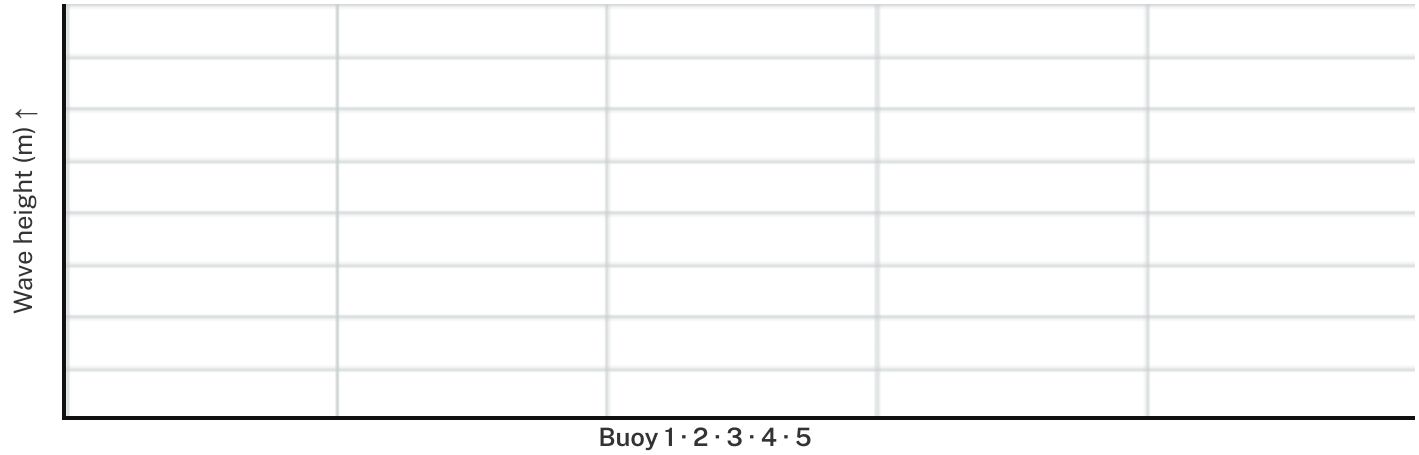
On the map, tap five buoys, on different lakes if you can. Choose **Full data** on each buoy's card, and copy the readings. Pick buoys that are reporting now: many come out of the water from late October to May.

Open it: inthelakes.ca/ · About 30–40 minutes

1 The readings

Buoy name	Lake	Waves (m significant)	Period (s)	Wind (kn)	Water (°C)	Time of reading
1						
2						
3						
4						
5						

Make a bar graph of the wave height at each buoy.



2 Notice and wonder

I notice... (Which buoy had the biggest waves? The warmest water?)

I wonder...

GOING FURTHER

Did the buoy with the strongest wind also have the biggest waves? Why might it not? (Think about how far the wind has blown over open water.)