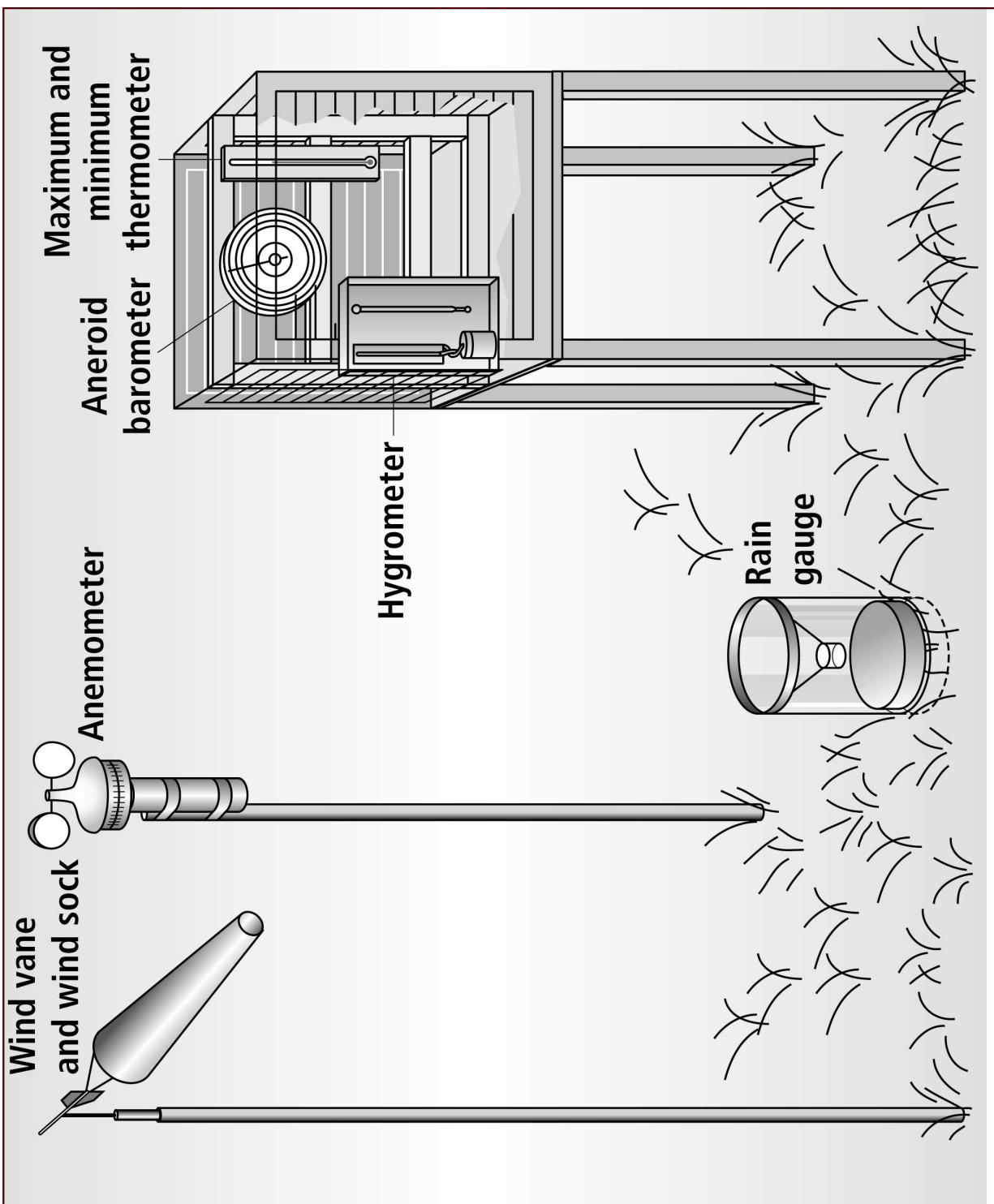


WEATHER DATA

Use with Chapter 12
Section 12.3



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1. The diagram shows a ground-based weather station. List the instruments located inside the small wooden structure, which is called a weather shack.

2. List the instruments located outside of the weather shack.

3. Infer the purpose of the weather shack.

4. Explain why some of the instruments are placed outside the weather shack.

5. What does a thermometer measure? Many weather stations include maximum-minimum thermometers. Infer what a maximum-minimum thermometer measures.

6. What are the two types of barometers? How does each of them measure air pressure?

7. Which instrument would likely be easiest to replace with human observation: a hygrometer, a rain gauge, or a wind vane? Explain your answer.
