

Measuring Wind Direction

Field Guide

Task

Determine wind direction using Wind Direction Instrument.

What You Need

- Wind Direction Instrument
- [Ozone Data Sheet](#)
- Clipboard

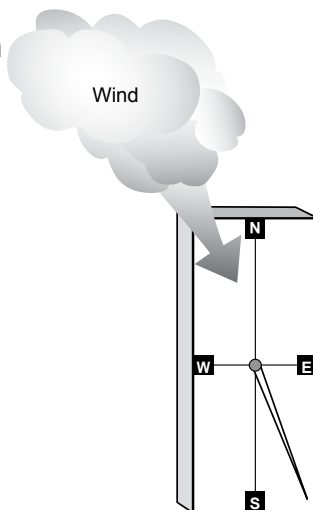
In the Field

1. Place your wind direction instrument on a table or bench so that it is about 1 meter off the ground.
2. Use the compass to find magnetic north and align the base of your model marked N to match true north.
3. Look at the wind sail to see if there is any wind blowing.
4. Put your right hand on your hip and your left arm out straight.
5. Turn your body so that your straight arm is pointing in the same direction as the wind sail. Your right elbow is now pointing in the direction of the wind.
6. Record this direction on your *Data Sheet*.

For example, if your wind sail is pointing south, your straight arm should be pointing south. In order for the wind sail to be pointing south, where does the wind have to be coming from? North.

Your straight arm is pointing where the wind is going, and the elbow of your bent arm is pointing in the direction where the wind is coming from, north. Winds are identified by the direction from which they are coming.

Wind is coming from the **northwest**



Wind sail is being blown towards **south-east**.

