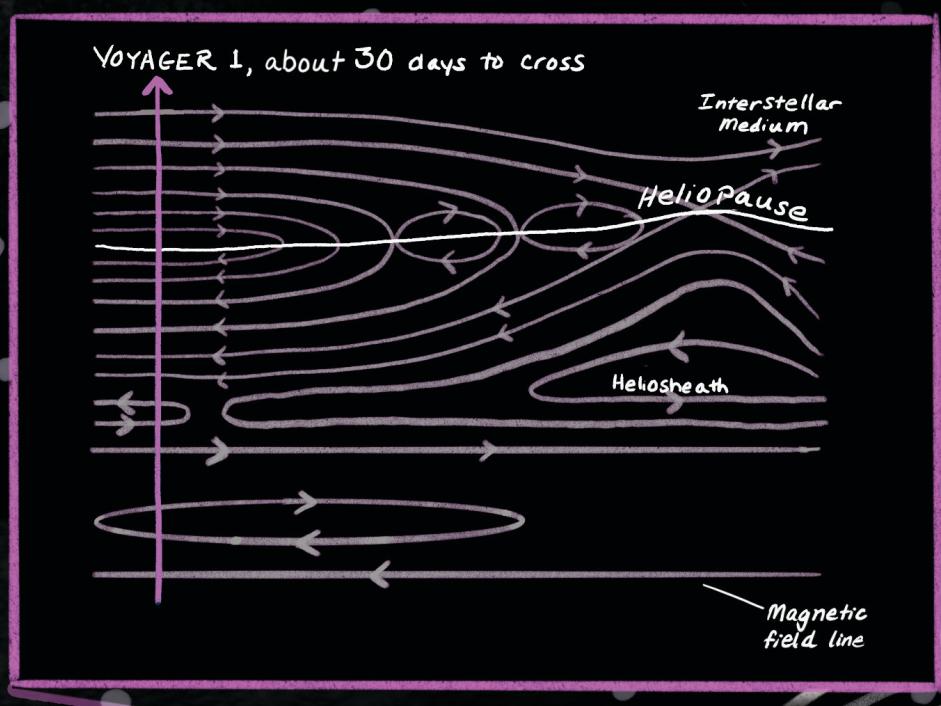


Crossing the Edge of Our Solar System

The Voyager 1 and 2 spacecraft have now both left the *heliosphere*, the bubble containing the Sun's magnetic field. Outside lies the interstellar medium, full of particles and magnetic fields from other stars. The edge between these two regions is the *heliopause*.

Many think of the heliopause as a sharp, static boundary. That's not true. Not only do its thickness and structure vary with location, its distance from the Sun changes based on the solar cycle and the solar wind's dynamics.

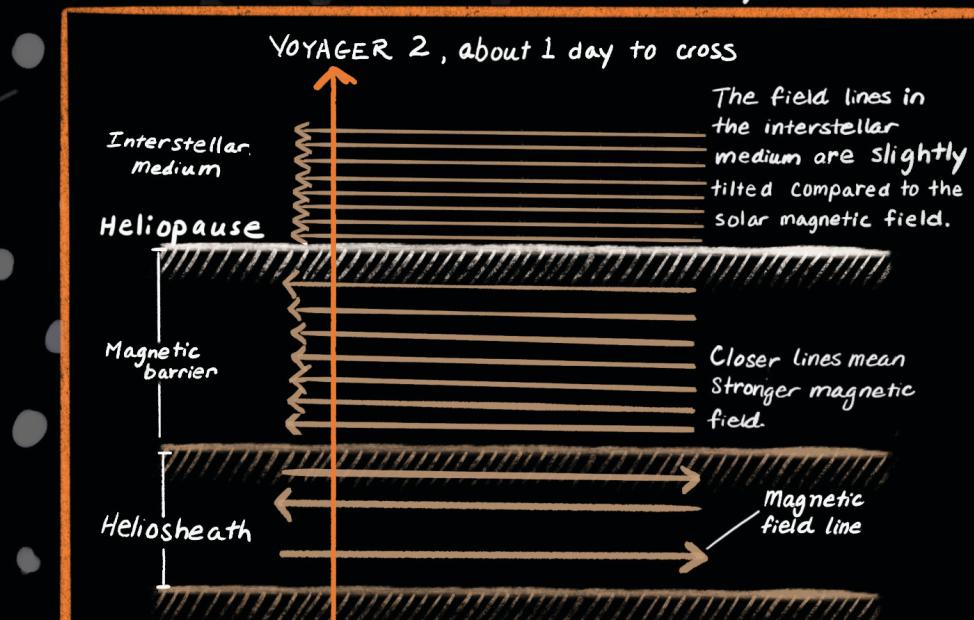
Voyager 1 observed the heliopause as a thick, turbulent boundary.



Voyager 1 crossed the heliopause in 2012 near solar maximum and found a thick, turbulent boundary. Voyager 2, on the other hand, encountered a thin, stable region when it crossed during solar minimum in 2018.

MONICA BOBRA is a solar physicist at Stanford University. NICOLLE R. FULLER at Sayo Studio is a science illustrator whose art invites visual exploration of the science and technology in the world around us.

Voyager 2 observed the heliopause as a thin, stable boundary.



Unlike Voyager 1, Voyager 2 saw few variations in particle intensity and three clear magnetic regions.

