

The dots on this card show motion of the Lind GPS station over the past seven years. Because the station is anchored into hard rock beneath the soil, the dots represent the year-to-year movement of the Lind region toward the northeast.

Orient this graph toward the north, tape it to the floor, and think about the questions below.

1. How far has the Lind region moved since the year 2007?

2. At what rate (inches per year) is the region moving?

\_\_\_\_\_Cut Here

Station P020 from the EarthScope Plate Boundary Observatory (http://pbo.unavco.org). GPS time series data provided by UNAVCO (http://www.unavco.org). Data as of July 18, 2015. Position offset 0.03 inches east and -0.04 inches north from the NAM08 .cvs file to bring 2007 average to zero.

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