

The Sun's Rotation

1. Describe the feature you are tracking by drawing a diagram of the Sun. Measure how far the features moves between the two images in pixels and determine the diameter of the Sun in pixels.

Distance Traveled by Feature (pixels):	Diameter of the Sun (pixels):
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2. If the images were taken a day apart, determine how long it would take for the feature to travel all the way around the Sun. Explain your reasoning and show your work. Report your answer in days.