

Name _____

Science-8, Period _____

Date _____

SEASONAL SUN

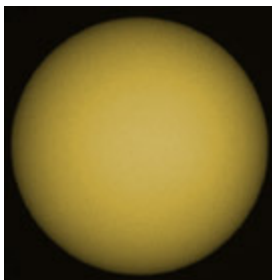
Instructions

Images were taken of the Sun from an observatory in Hawaii at different seasons. Place a ruler horizontally across each image and measure the largest distance across the middle of the Sun. Compare the measurements for each season. A larger version of these images is found on the group pages for easier measurement. Images of the Sun were taken in Hawaii by Dr. Karen Mees of the University of Hawaii. Put your estimate for each in the table below.

Season	Size Estimate (compare to 100%)	Your Measurement
Winter		
Spring		
Summer		
Fall		

On what date is the Sun closest? _____

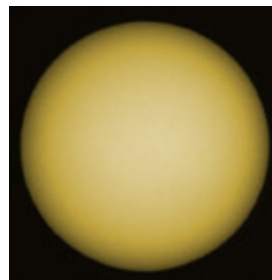
On what date is the Sun farthest? _____



Winter
January 1, 1997



Spring
April 1, 1997

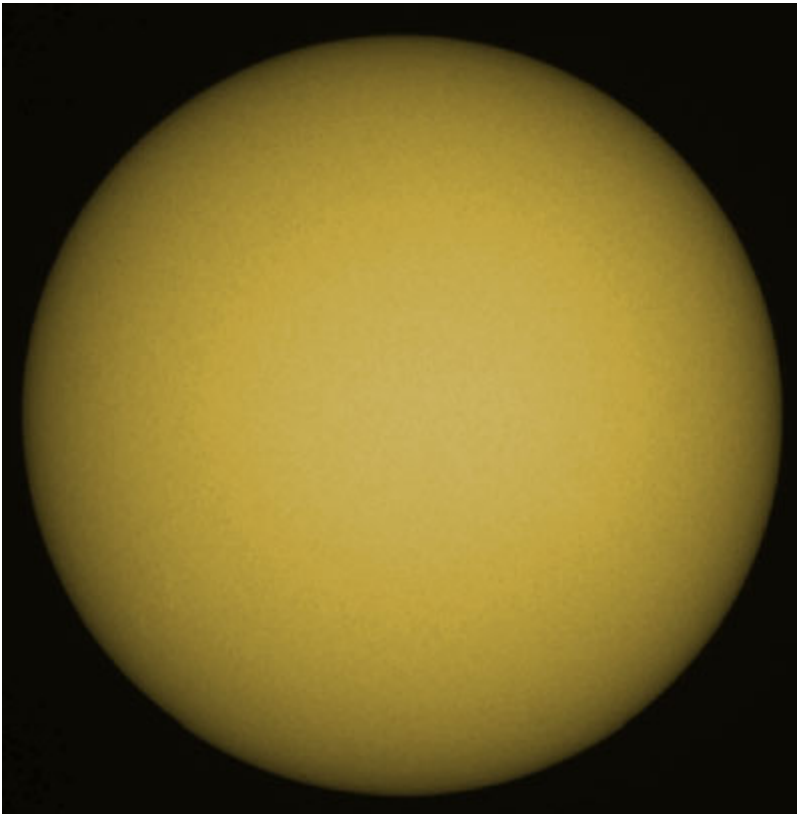


Summer
July 1, 1997

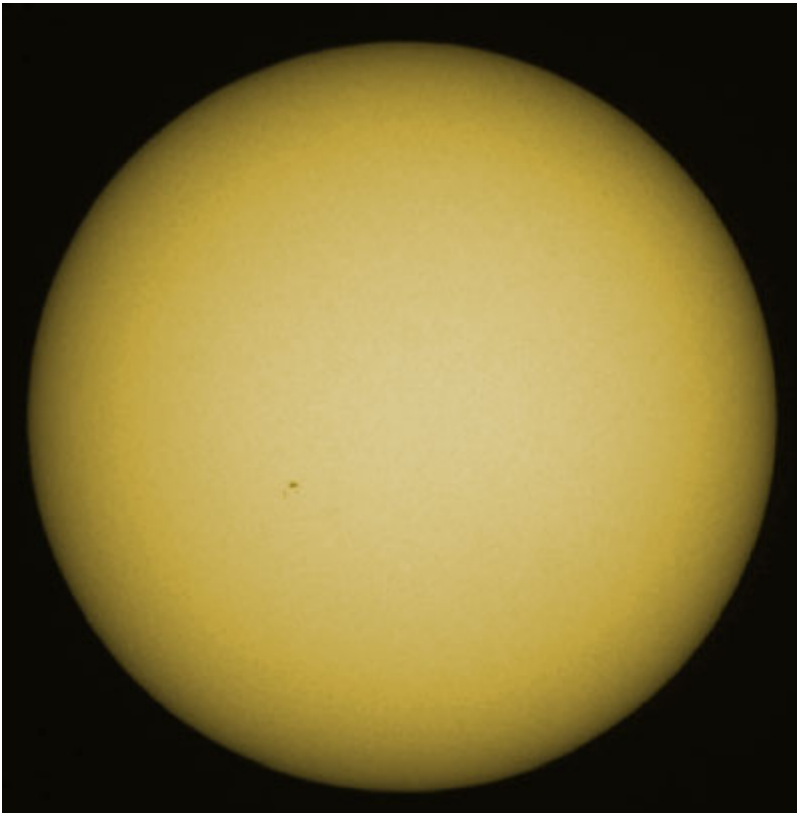


Fall
October 13, 1997

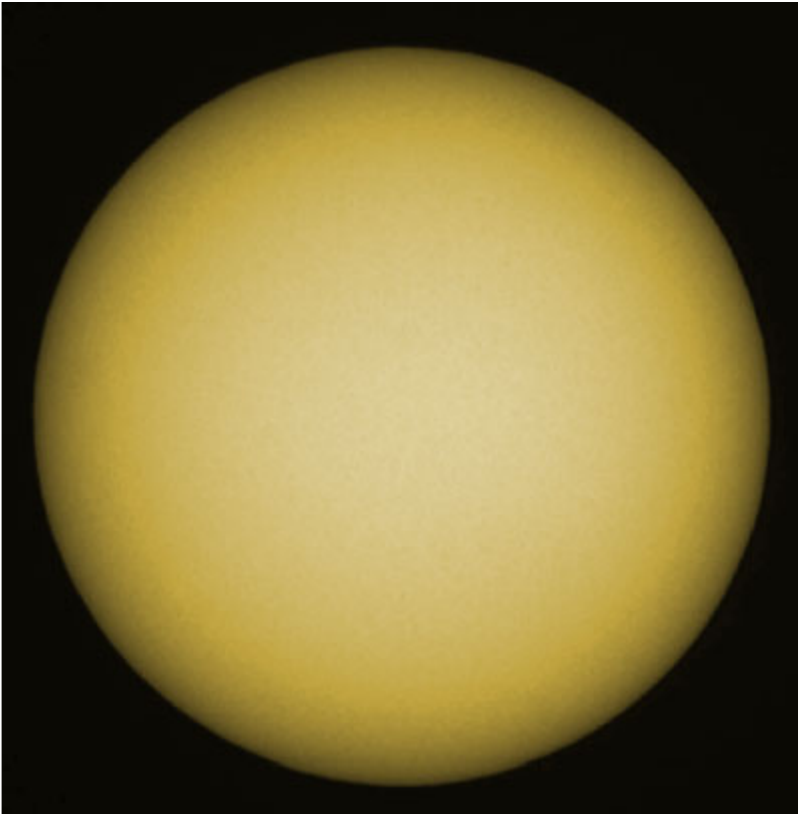
What conclusions can you draw from this information?



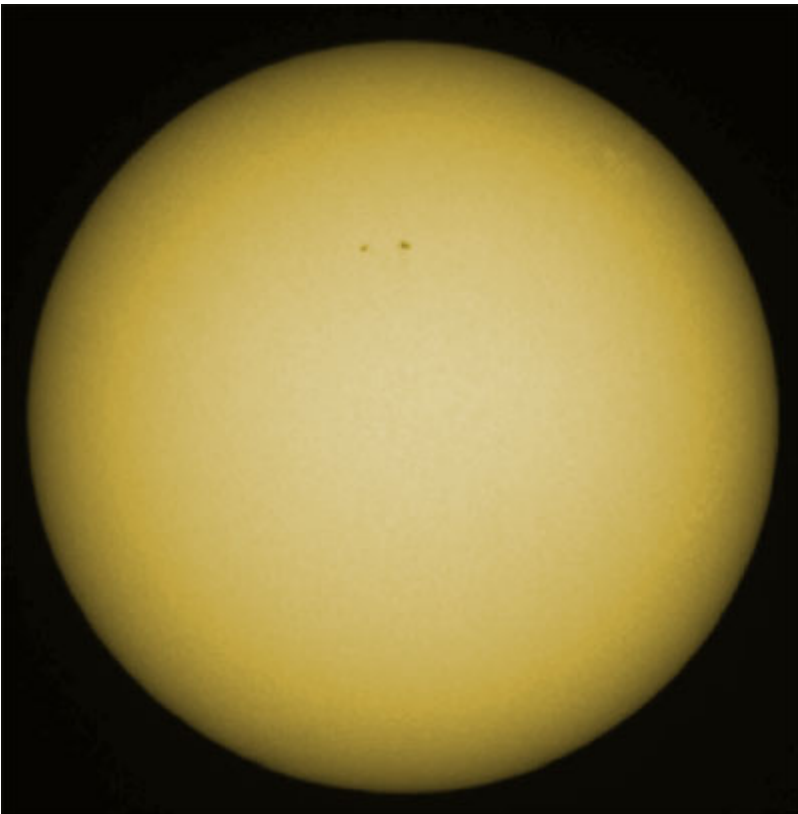
Winter
January 1, 1997



Spring
April 1, 1997



Summer
July 1, 1997



Fall
April 1, 1997