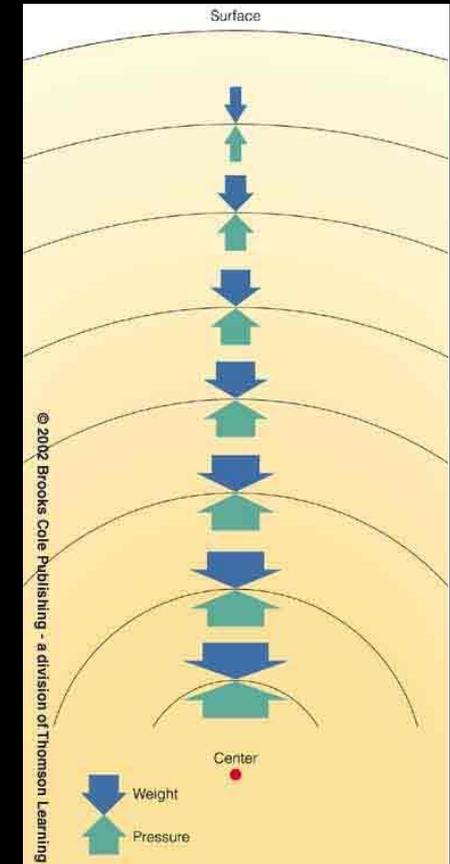
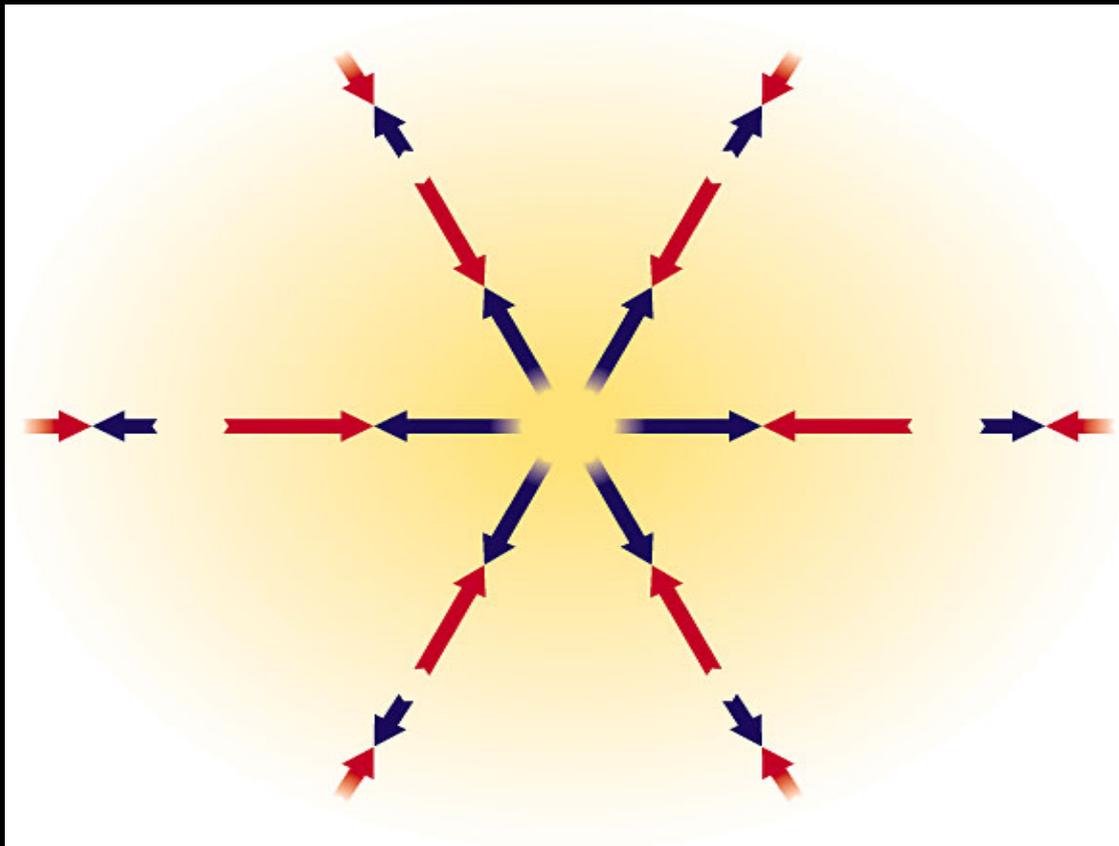


# Estructura del Sol

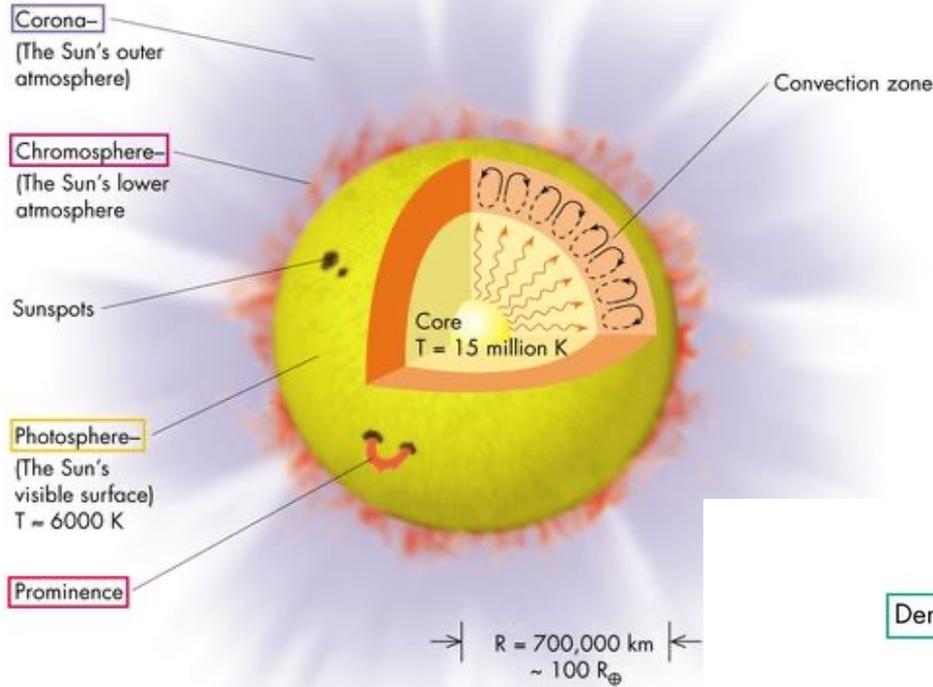


# En equilibrio

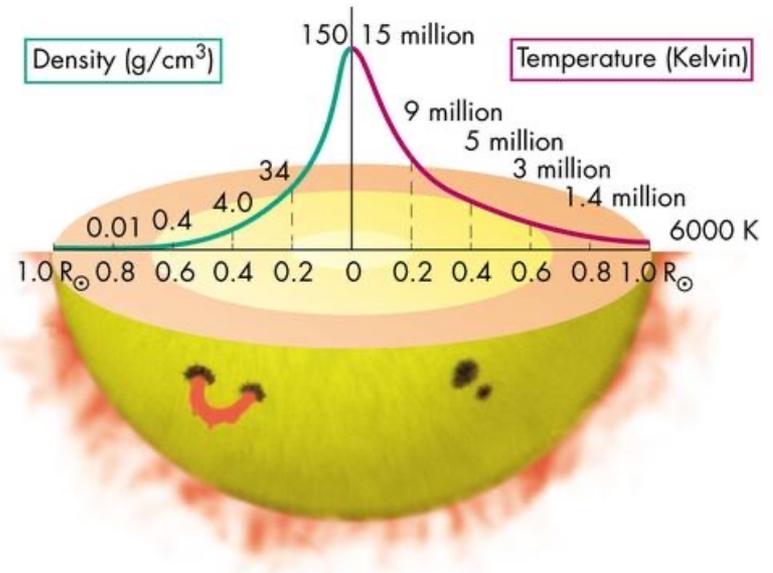
- La mayoría de las estrellas al igual que el Sol, no se expanden ni se contraen, lo que significa que están en un estado de estabilidad en cuanto a sus dimensiones. La estrella se encuentra en una condición de **equilibrio hidrostático**.

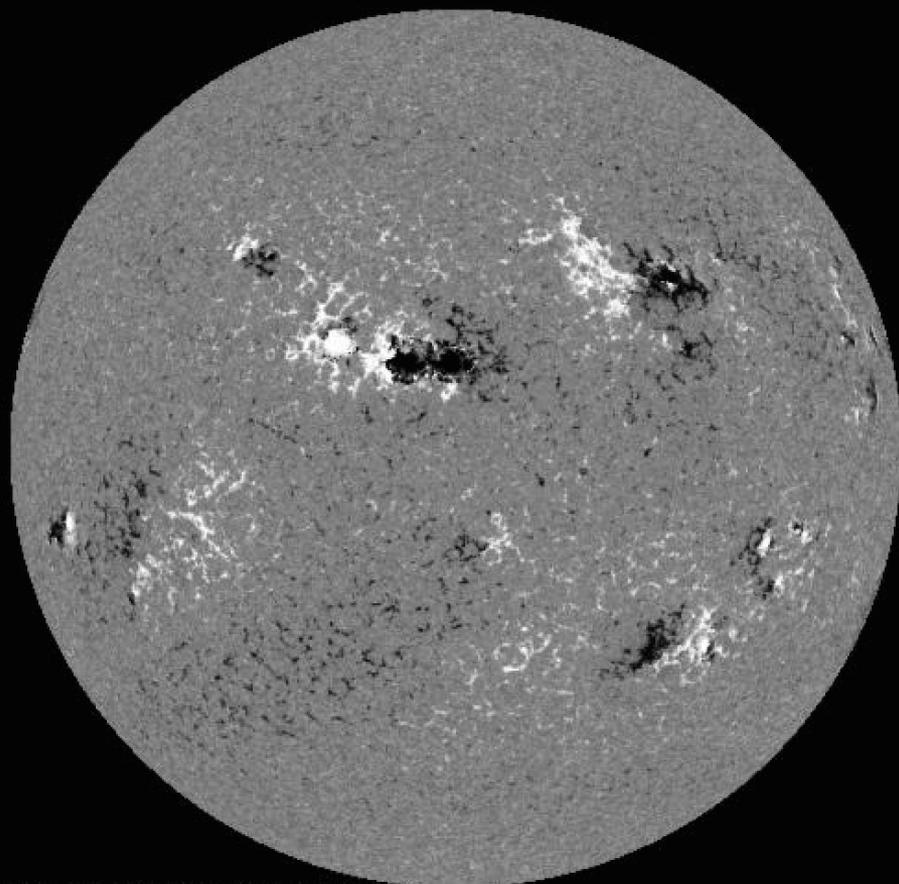


# Estructura interna del Sol



# Modelo interno del Sol



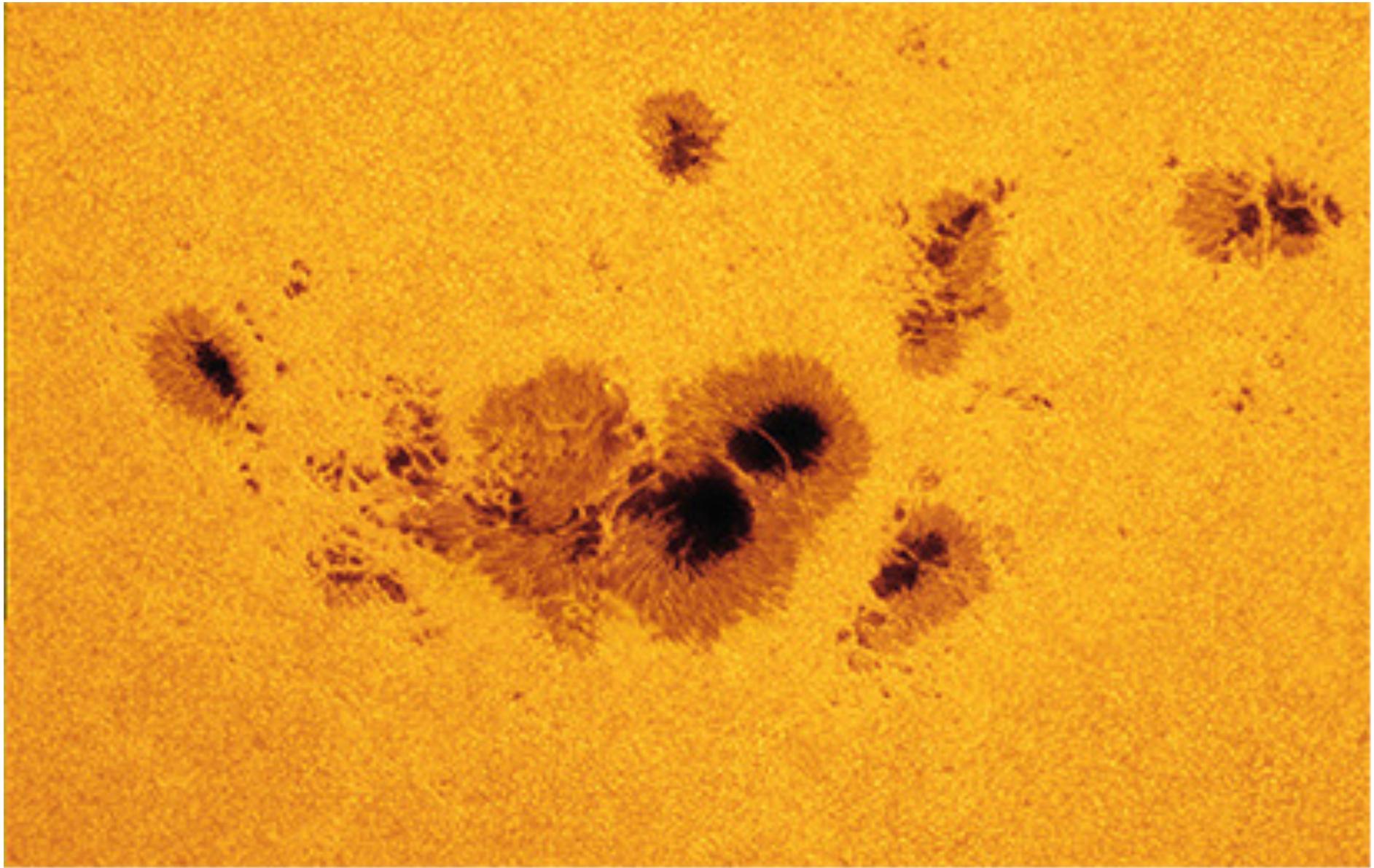


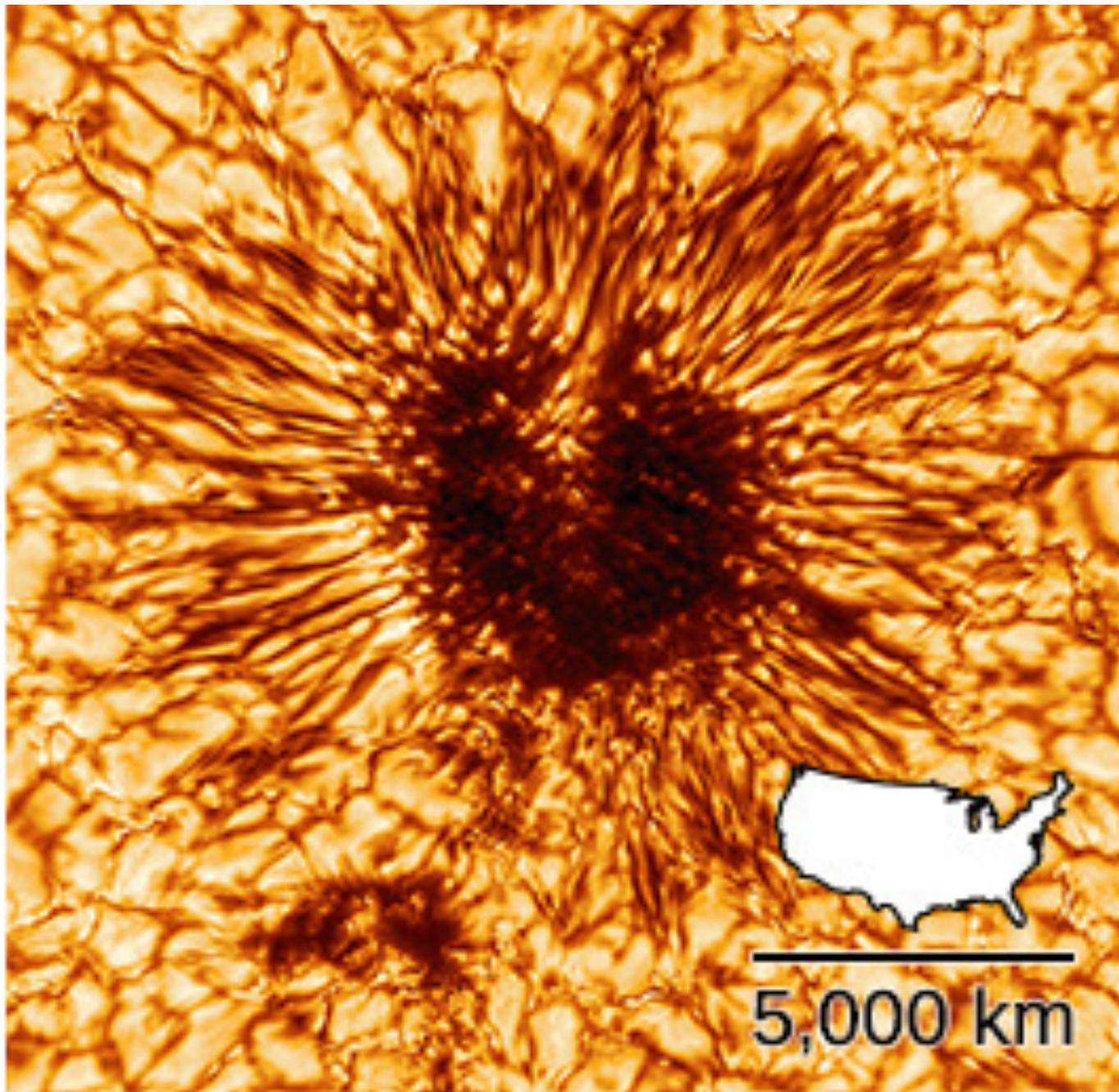
SDO/HMI Gufek-Loop Magnetogram: 20130114\_000000

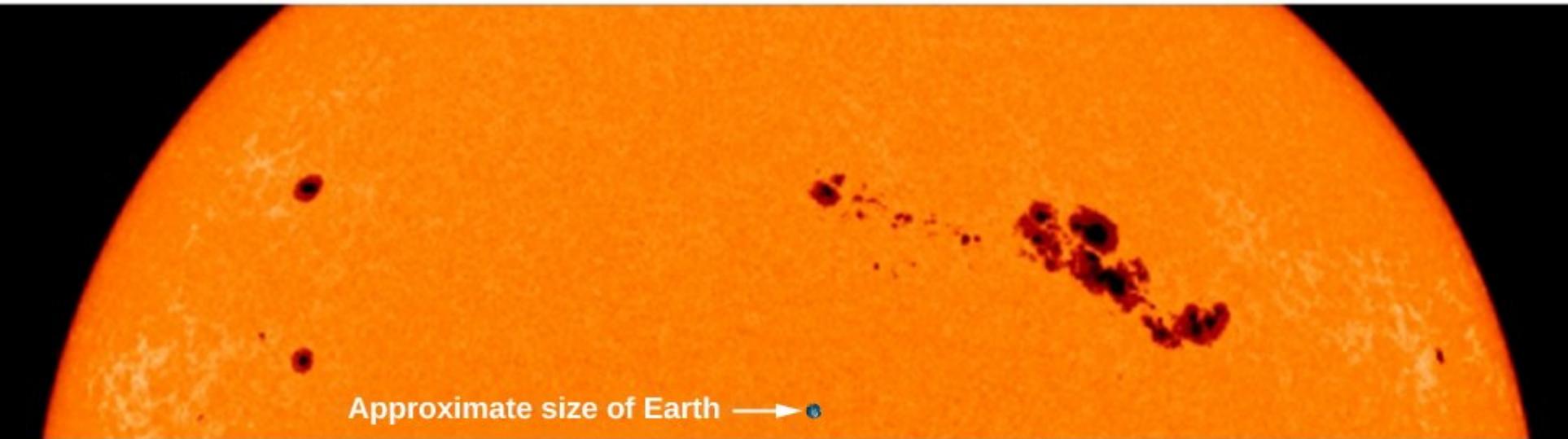
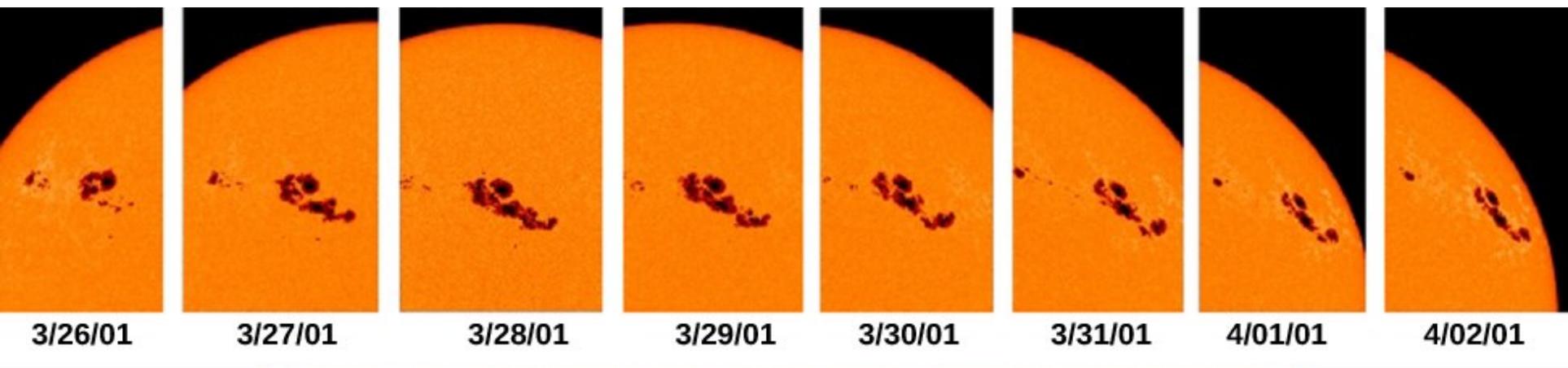


SDO/HMI Gufek-Loop Continuum: 20130114\_000000

Dos imágenes del mismo día, obtenidas por SDO: una imagen en luz visible de todo el disco solar y un mapa de la orientación e intensidad de los campos magnéticos presentes en el disco solar (magnetograma).







March 30, 2001

$$T = \frac{L}{v}$$

$$L = \pi D$$

length of trajectory

$$v = \frac{d}{t} \left[ \frac{\text{cm}}{\text{h}} \right]$$

sunspot speed

# Galileo Galilei del 24 al 27 de junio de 1613

*Sunspots drawn by Galileo, June 1612*



24th



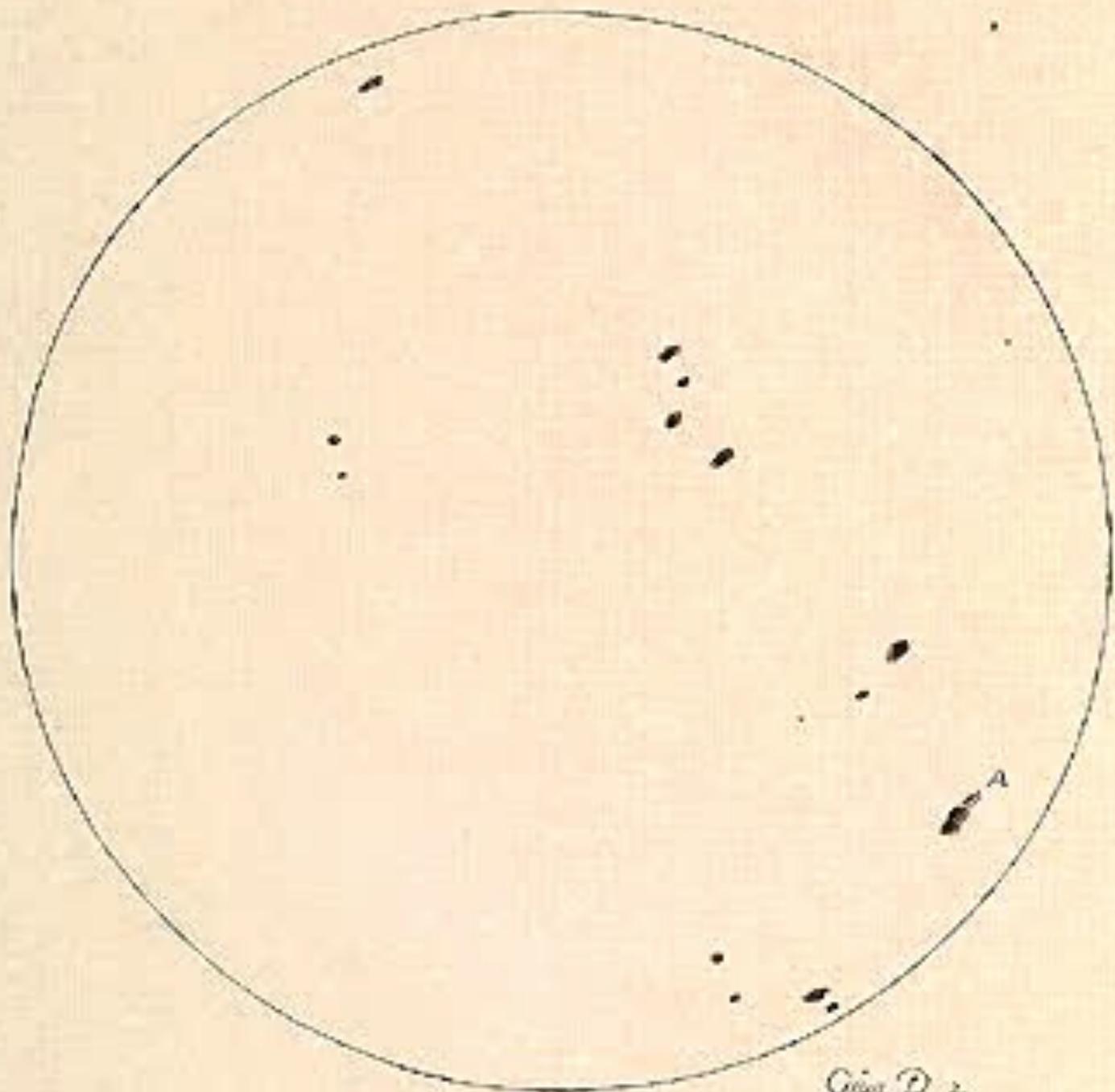
25th



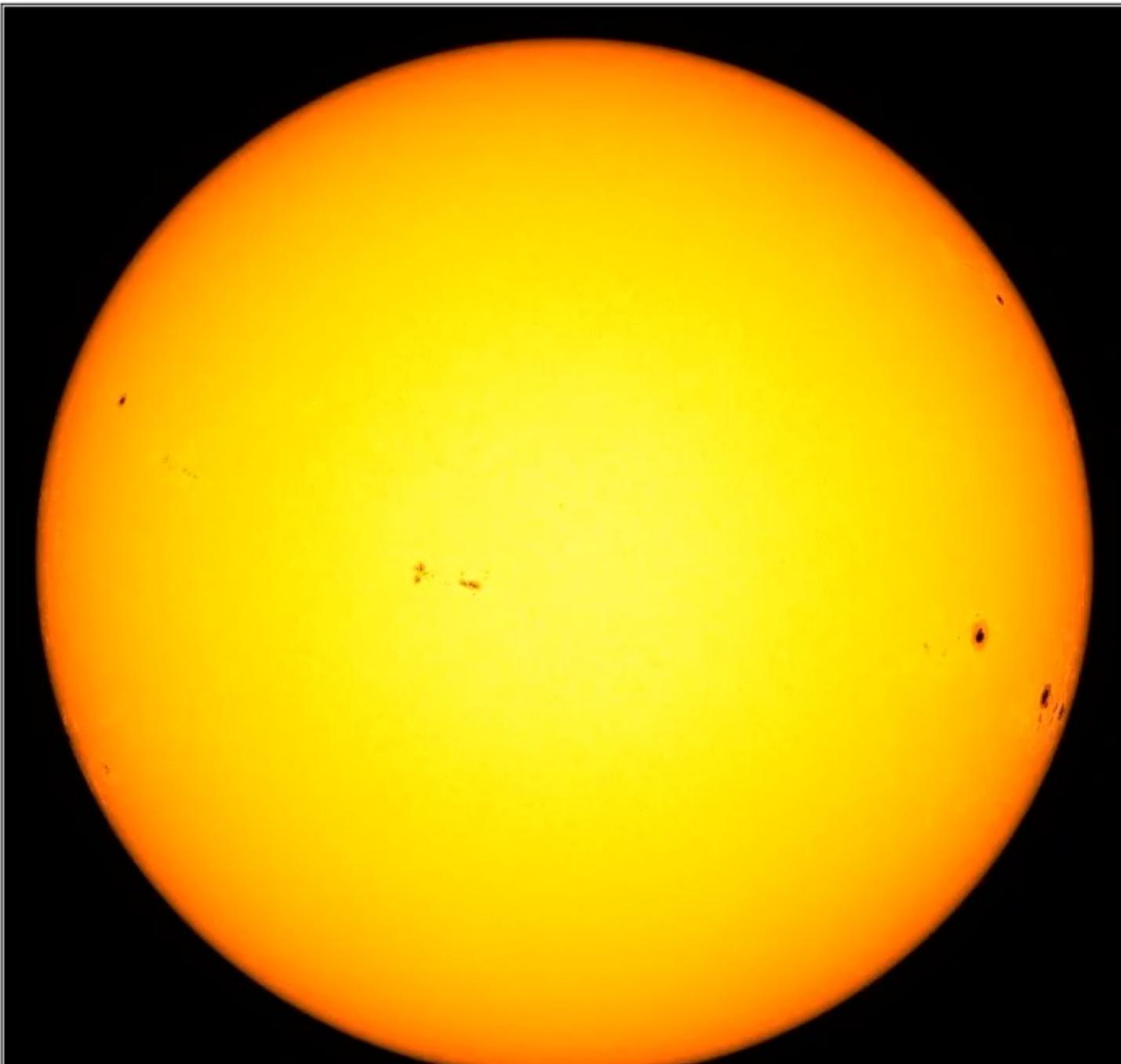
26th



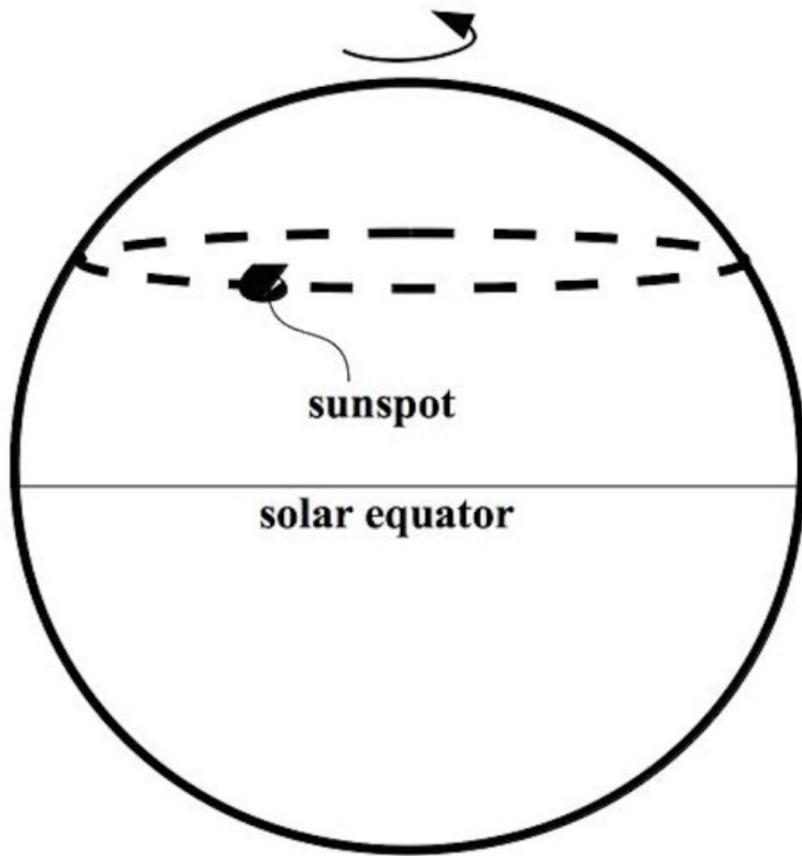
27th



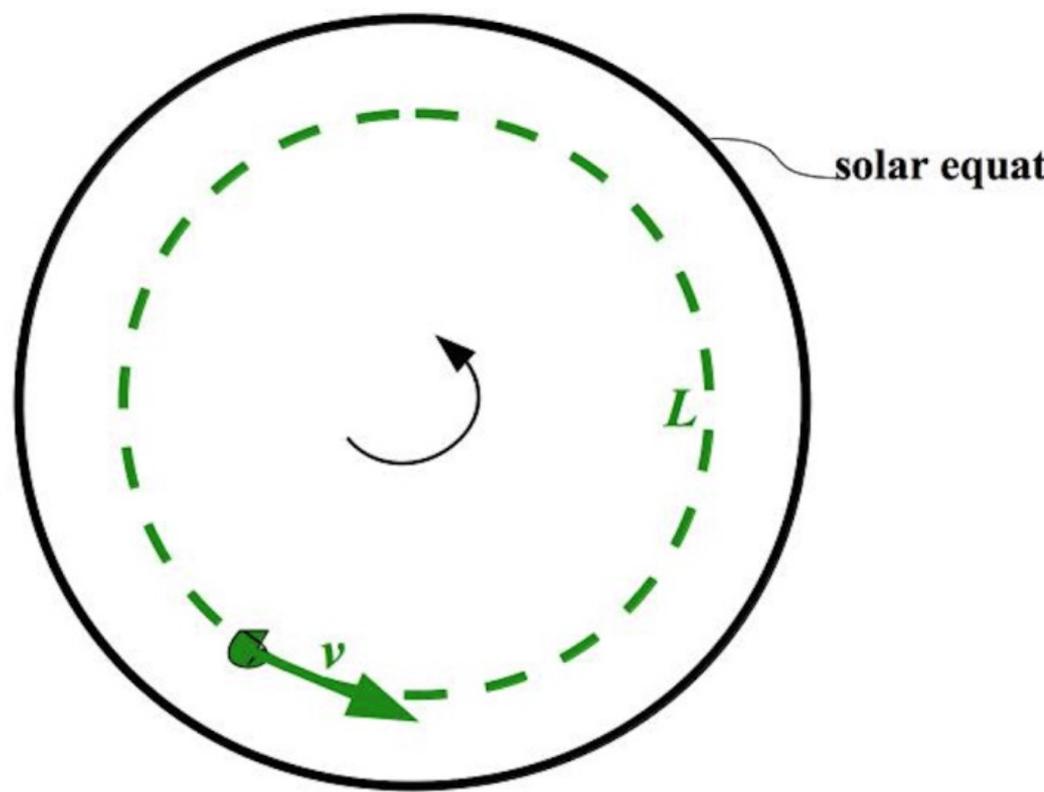
Giug. D. 2.



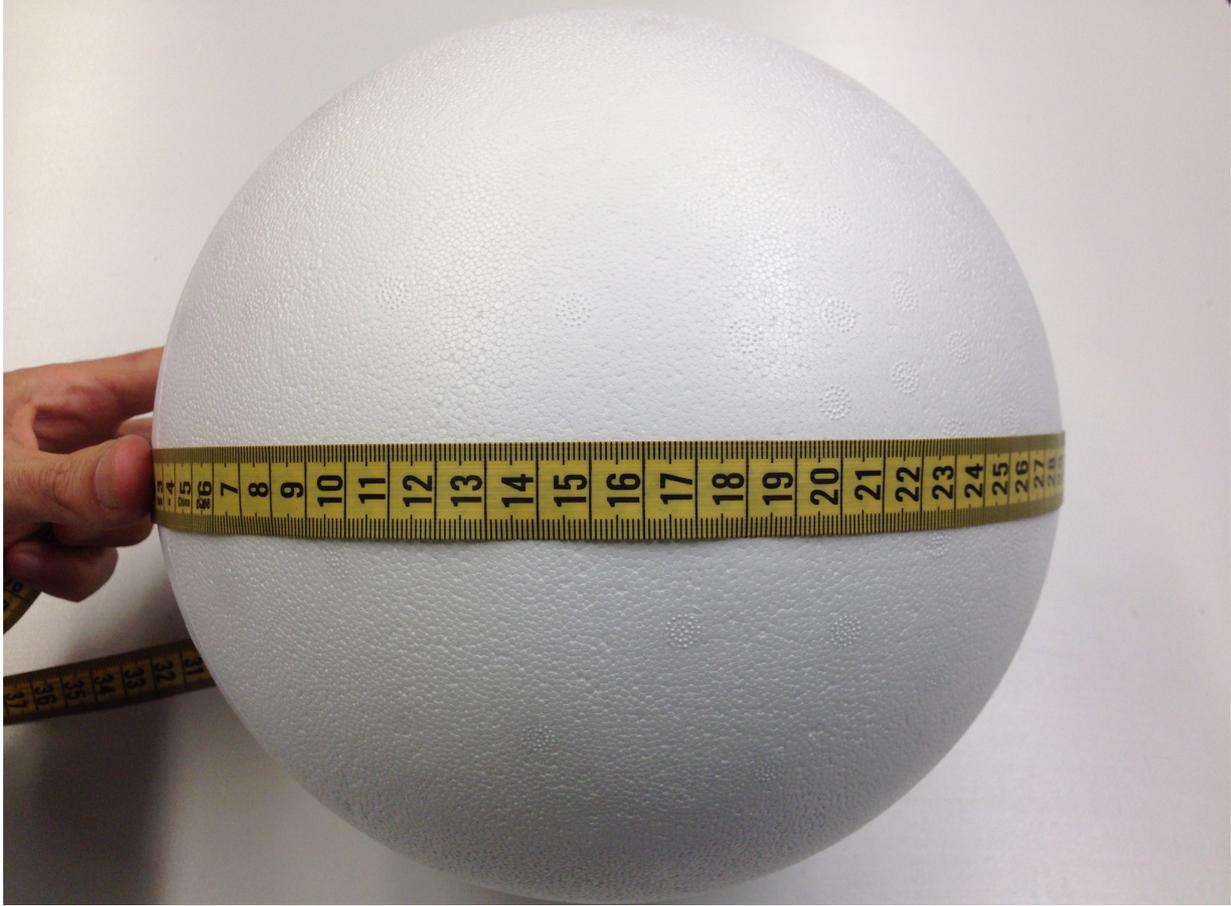
Front view

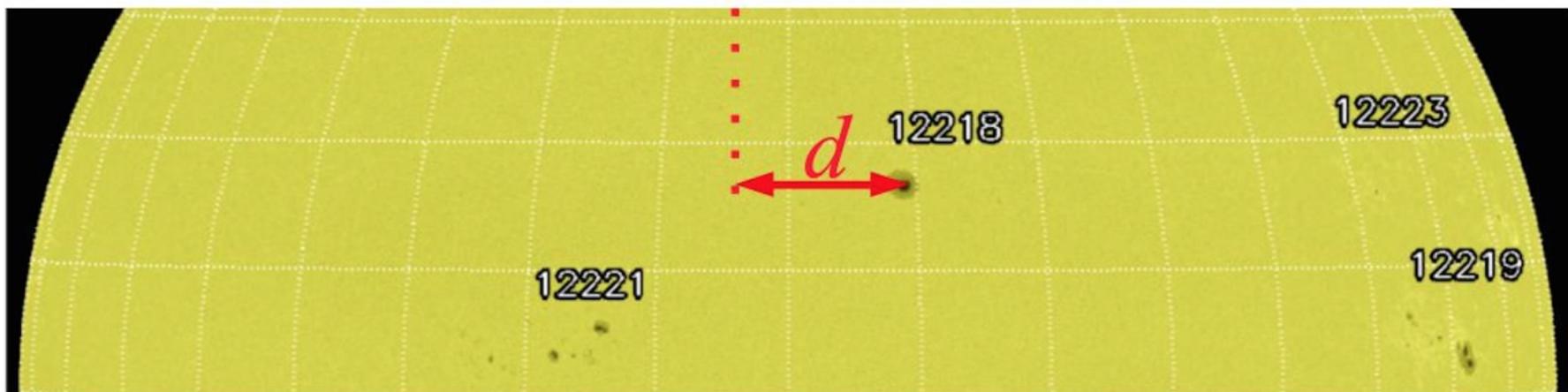
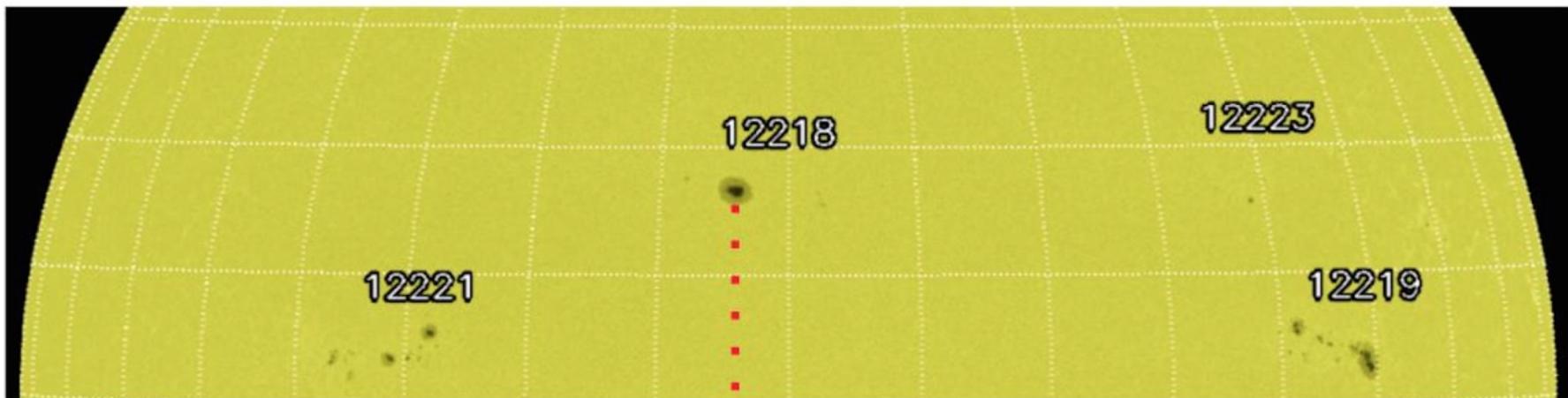


Top view

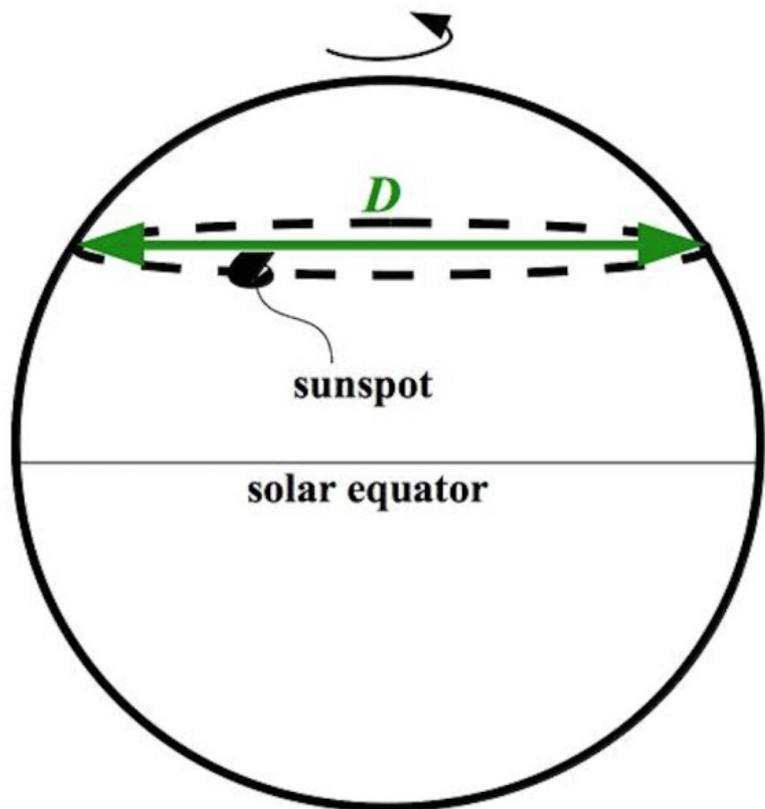


Earth observer

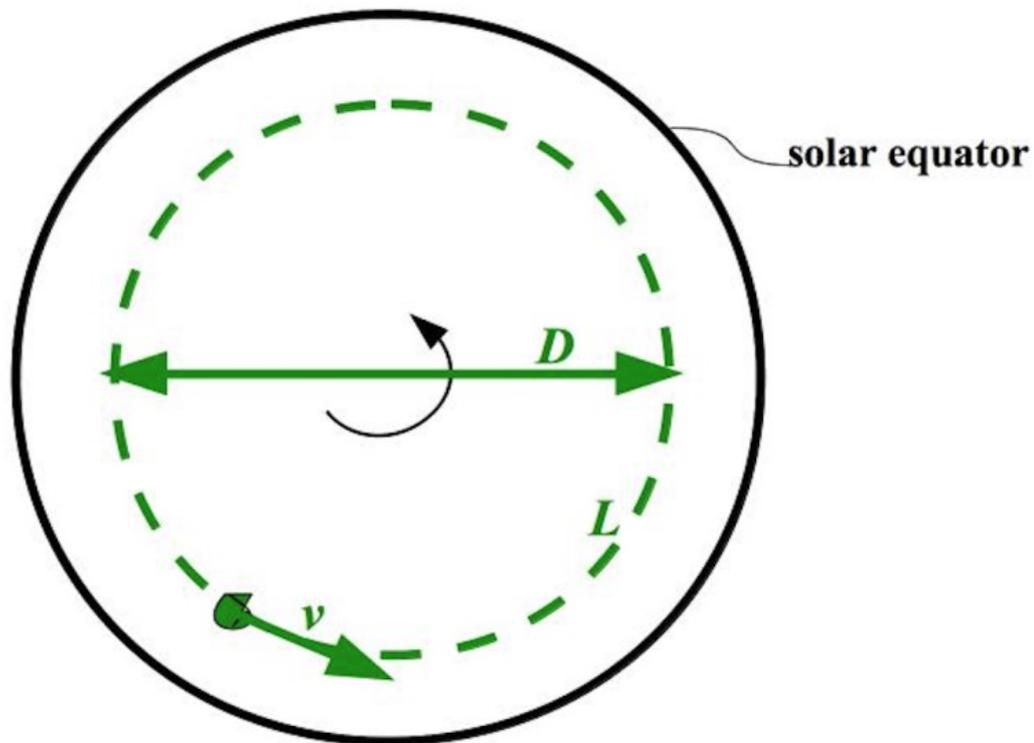




Front view



Top view

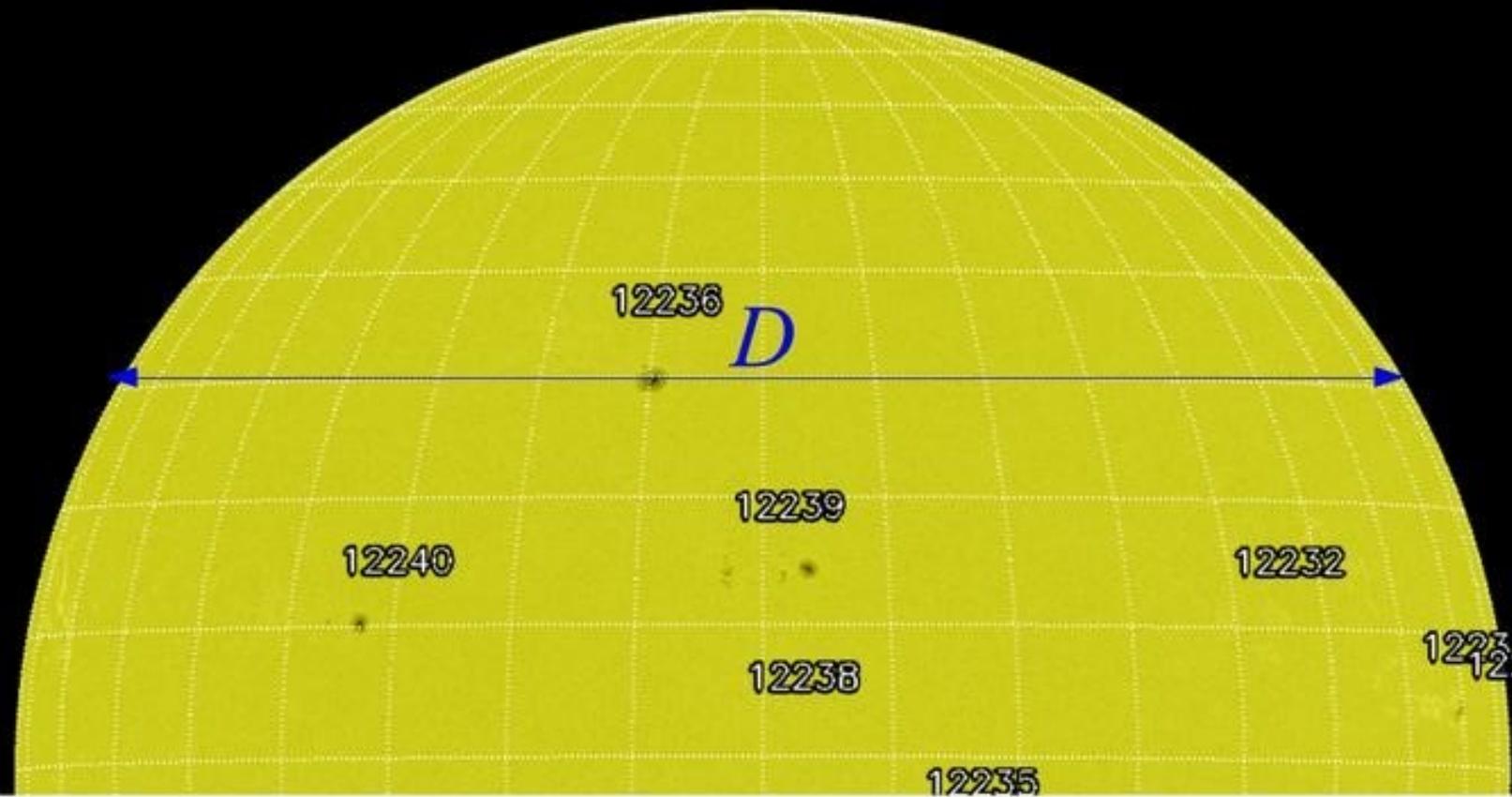


Earth observer

1000

500

0



12236

*D*

12239

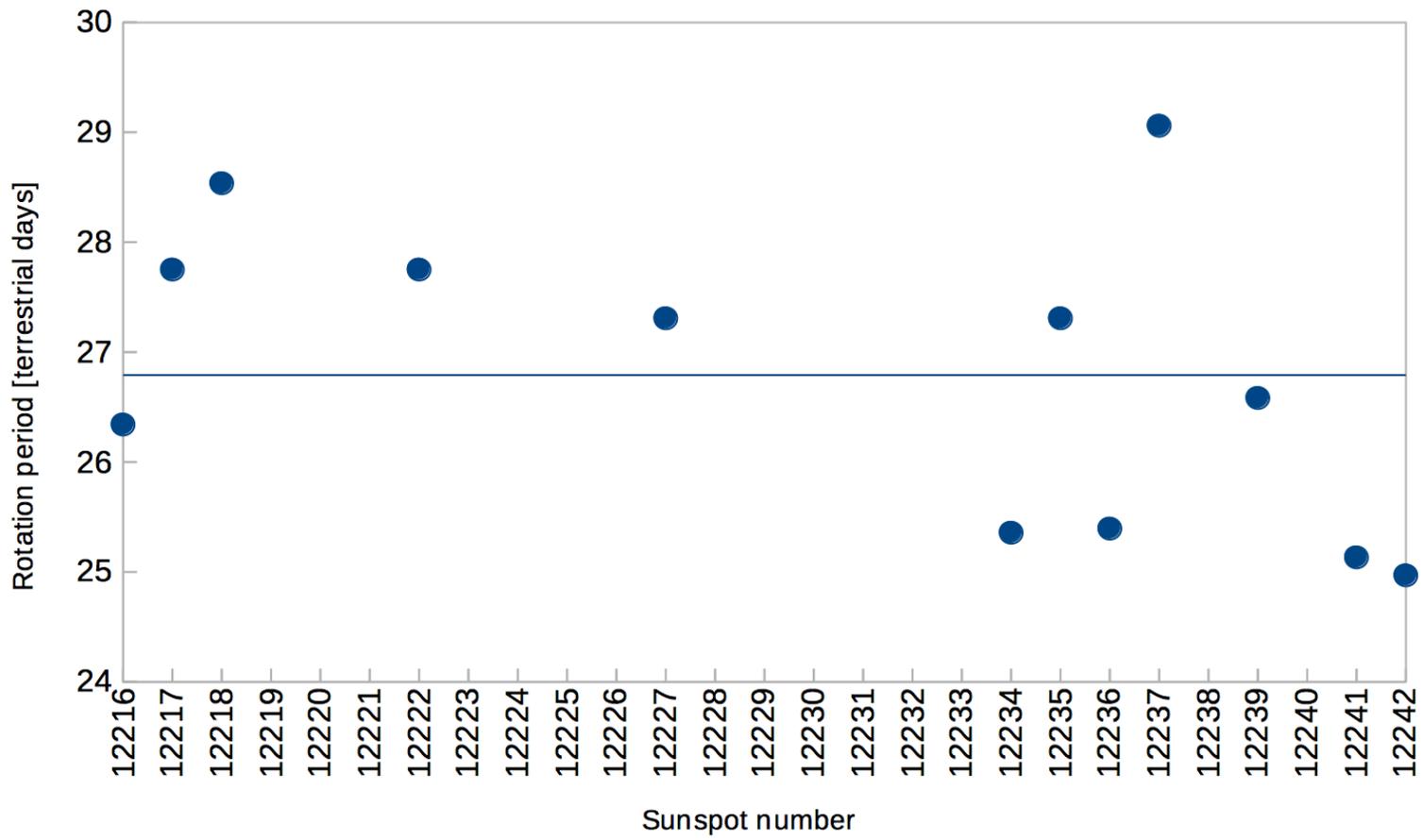
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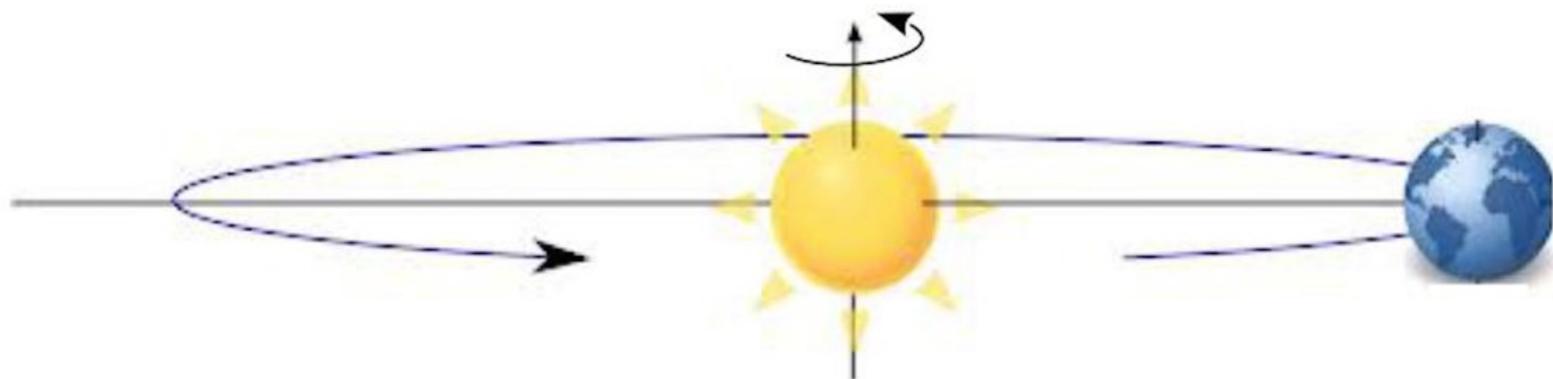
12232

12238

12235

12234  
12233









16:08UT I: 314 II: 109 III: 208



17:27UT I: 2 II: 157 III: 256

**Jupiter: GRS**

August 16, 2009 S: 7-9/10 T: 2-5/5

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