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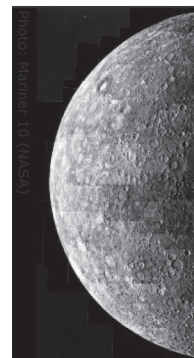


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## Summary Information Sheet

# MERCURY

Mercury, named after the swift messenger of the ancient gods, is the innermost planet in the solar system.



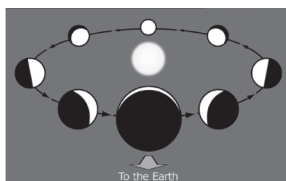
One rotation lasts  
58.65 Earth days

Thin rocky mantle

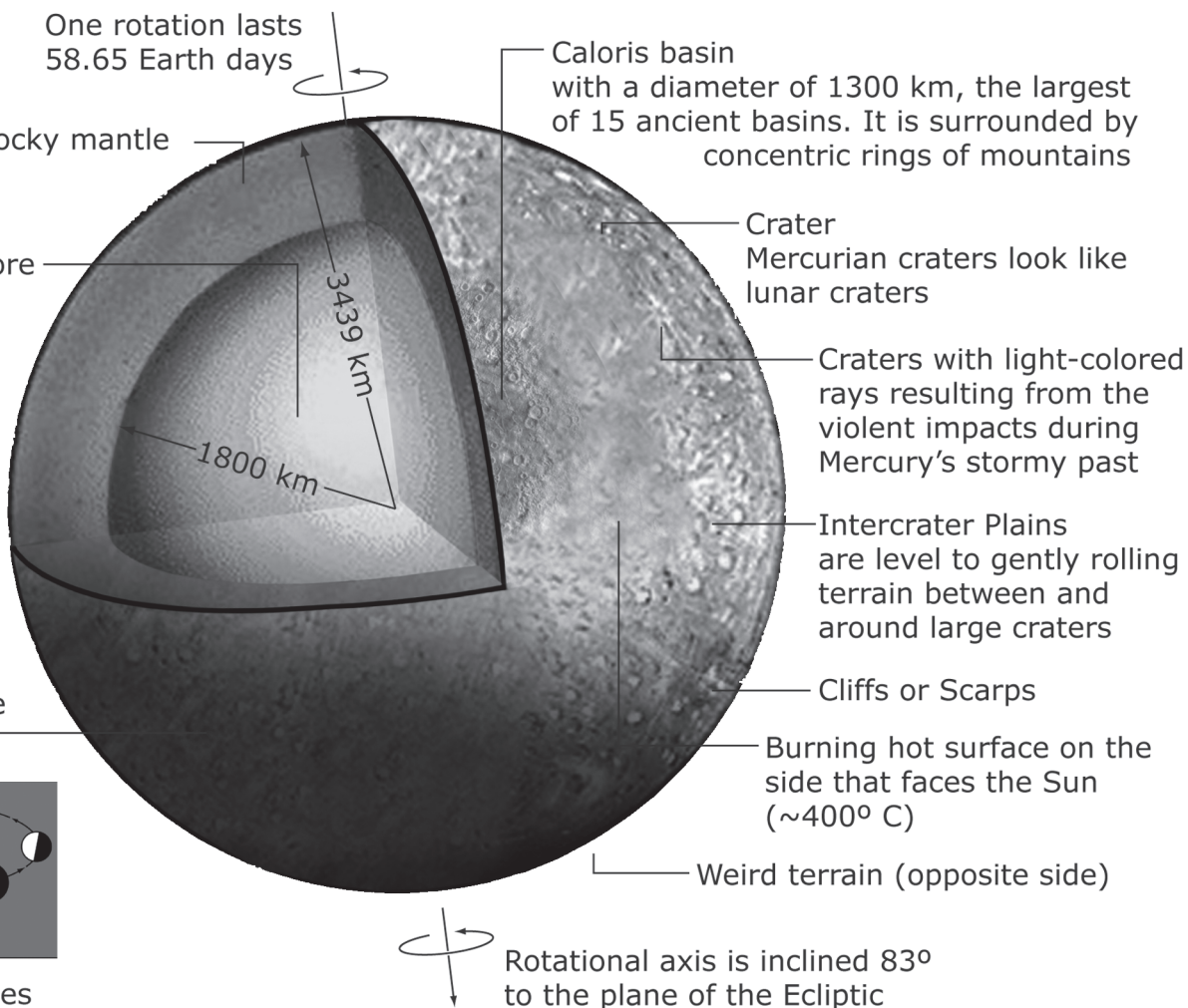
Large metallic core

One revolution  
around the Sun  
lasts 87,97  
Earth days

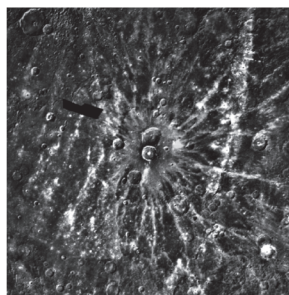
Freezing cold  
surface on the  
side opposite the  
Sun ( $\sim -200^{\circ}\text{C}$ )



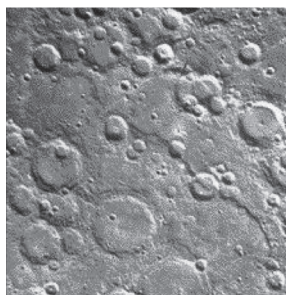
Mercury's phases



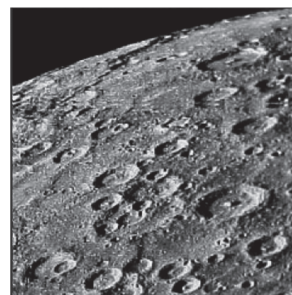
Caloris Basin



Crater Degas with light  
coloured rays



Discovery Rupes



Intercrater Plains

### Physical Data

Property	
Distance from the Sun	58 million km
Rotation period	59 days
Equatorial radius	2240 km
Mass	$3.30 \times 10^{23}\text{ kg}$
Density	$5430\text{ kg/m}^3$

### For comparison

Earth	
Distance from the Sun	150 million km
Rotation period	23 hrs 56 min
Equatorial radius	6378 km
Mass	$5.97 \times 10^{24}\text{ kg}$
Density	$5520\text{ kg/m}^3$

Moon	
Distance from the Sun	150 million km
Rotation period	27 days 8 hrs
Equatorial radius	1738 km
Mass	$7.35 \times 10^{22}\text{ kg}$
Density	$3340\text{ kg/m}^3$

Images: ESO, ESA, NASA, except otherwise stated

Concept: B. Mackowiak