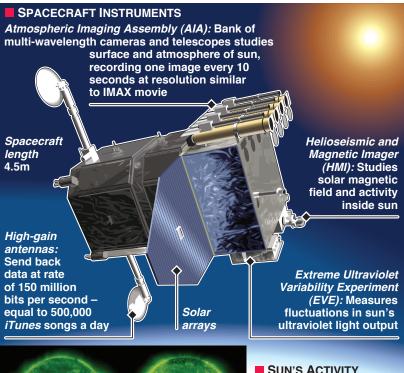
## **NASA** turns to sun to forecast space weather

NASA is sending a probe on a five-year mission to study the sun in unprecedented detail. The Solar Dynamics Observatory will capture high-resolution images of our home star, helping scientists to understand and possibly predict solar storms that can disrupt technology on Earth



## 2000 2009

## SUN'S ACTIVITY

Changes follow cycle of highs and lows lasting approximately 11 years (extreme ultraviolet images of sun taken by Solar and Heliospheric Observatory spacecraft, launched 1995)