



ISTOCK.COM/MARCELC

Saturn's spin

■ A decades-old mystery about Saturn has finally been solved, thanks to the James Webb Space Telescope. Scientists at Northumbria University in the US discovered that Saturn's changing "rotation rate" was not caused by the planet speeding up or slowing down, but by powerful winds high in its atmosphere. Webb's observations revealed that Saturn's northern lights actively heat the atmosphere, creating winds that generate electrical currents, which then power the aurora all over again in a self-sustaining cycle.