

Mars Boils Over

- Like water in a pot on a hot stove, the escape of hydrogen from Mars increases from a gentle simmer to a vigorous boil with a tweak of the dial
- Hydrogen escape is one of the primary means by which Mars loses its water
- MAVEN measurements reveal dramatic (>10x) seasonal variability in hydrogen escape from Mars
- Hydrogen escape peaks not when Mars is closest to the Sun (perihelion) but at southern summer solstice, suggesting a seasonal influence and hinting at a connection to lower atmosphere circulation

