



Cosmology/Astrophysics News

SpaceX rocket crashes into Moon

July 2026 for Rose City Astronomers SIG

<http://101iq.com/RCA>

Nature – July 2, 2026

- GW250114 reveals signatures of post-merger black-hole horizon
 - <https://www.nature.com/articles/s41586-026-10696-0>
- Aerosols and hydrocarbons in the atmosphere of a white dwarf planet
 - <https://www.nature.com/articles/s41586-026-10514-7>

Science – July 2, 2026

- Rubin telescope begins a 10-year movie of the cosmos
 - <https://www.science.org/content/article/rubin-observatory-begins-10-year-movie-changing-universe>
- Organics in an ancient lake on Mars
 - <https://www.science.org/doi/10.1126/sciadv.adx0047>

Nature – July 9, 2026

- Save Hubble: the race to preserve the space telescope
 - <https://www.nature.com/articles/d41586-026-02000-x>
- “Shadow Blaster” galaxy gave rise to speedy neutrino
 - <https://www.nature.com/articles/s41550-026-02884-9>
 - <https://www.nature.com/articles/s41550-026-02904-8>
- Detection of anisotropic cosmic structures on a gigaparsec scale
 - <https://www.nature.com/articles/s41586-026-10702-5>
- LARES-2 satellite measures frame-dragging effect around the Earth
 - <https://www.nature.com/articles/s41586-026-10715-0>
- Backreaction of stimulated Hawking radiation in an optical analogue
 - <https://www.nature.com/articles/s41586-026-10720-3>

Science – July 9, 2026

- Uranus and Neptune may not be “ice giants” after all
 - <https://www.science.org/content/article/uranus-and-neptune-may-not-be-ice-giants-after-all>

Nature – July 16, 2026

- Pair of “Super-puff” planets are lighter than candyfloss
 - <https://www.nature.com/articles/d41586-026-02114-2>
 - <https://academic.oup.com/mnras/article/549/4/stag864/8715235>

Science – July 16, 2026

- No cosmology/astrophysics news this issue

Nature – July 23, 2026

- Dark comet unmasked by its mysterious motion
 - <https://www.nature.com/articles/s41550-026-02913-7>
- “True Sugar” molecule found in space, hinting at life’s origins
 - <https://www.nature.com/articles/d41586-026-02173-5>
- Planetary-mass exosatellite detected around the substellar companion of a star
 - <https://www.nature.com/articles/s41586-026-10751-w>
- Isotopic evidence for a cold and distant origin of 3I/ATLAS
 - <https://www.nature.com/articles/s41586-026-10771-6>

Science – July 23, 2026

- Oldest known Mars rock offers glimpse of planet's watery youth
 - <https://www.science.org/content/article/oldest-known-mars-rock-offers-glimpse-planet-s-watery-youth>
- The magnetic field of an exoplanet
 - <https://www.science.org/doi/10.1126/science.adv3075>

Nature – July 30, 2026

- Faintest planet ever spotted from Earth has been hiding in plain sight
 - <https://www.nature.com/articles/d41586-026-02210-3>
- Regression to the mean can explain saturation of geomagnetic storms
 - <https://www.nature.com/articles/s41586-026-10757-4>

Science – July 30, 2026

- How does the universe set black holes on a collision course?
 - <https://www.science.org/content/article/how-does-universe-set-black-holes-collision-course>
- Will Earth survive the Sun's expansion?
 - https://www.aanda.org/articles/aa/full_html/2026/06/aa60576-26/aa60576-26.html

Miscellaneous

- I will post this monthly news possibly with zero or more videos and links to watch, as for example, these:
 - <https://www.youtube.com/watch?v=wPXFT92178>
 - <https://www.youtube.com/watch?v=I07RBedXRYA>
 - <https://www.youtube.com/watch?v=SMXq68UeeXU>
 - <https://www.youtube.com/watch?v=mIE5dhFMsn0>