

Image: James Webb Space Telescope observes nearby star-forming region NGC 1333 in infrared

September 11 2024, by Monika Luabeya



Credit: ESA/Webb, NASA & CSA, A. Scholz, K. Muzic, A. Langeveld, R. Jayawardhana

NASA's James Webb Space Telescope has infrared vision that lets us peer through the dusty veil of nearby star-forming region NGC 1333. We can see planetary mass objects, newborn stars, and brown dwarfs; some of the faintest "stars" in this mosaic image are in fact newly born free-floating brown dwarfs with masses comparable to those of giant planets.

The images were captured as part of a Webb observation program to survey a large portion of NGC 1333. These data constitute the first deep spectroscopic survey of the young cluster.

Provided by NASA

Citation: Image: James Webb Space Telescope observes nearby star-forming region NGC 1333 in infrared (2024, September 11) retrieved 11 September 2024 from <https://phys.org/news/2024-09-image-james-webb-space-telescope.html>

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