

This PDF is generated from: <https://h2arq.es/Tue-01-Sep-2020-34519.html>

Title: Canberra Solar Base Station

Generated on: 2026-03-24 11:57:41

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How many antennas are there at Canberra Space Station?

There are currently four antennas operating at the Canberra station: one 70-metre and three 34-metre radio dishes that receive data from, and transmit commands to, spacecraft on deep space missions. At 70-metres in diameter and the height of a 22-storey building, Deep Space Station 43 is the largest antenna in the southern hemisphere.

What is the Canberra deep space communication complex?

We manage and operate one of NASA's three tracking stations that provide continuous, two-way radio contact with spacecraft exploring our Solar System and beyond. Located at Tidbinbilla, just outside Australia's capital city, the Canberra Deep Space Communication Complex is one of three Deep Space Network stations around the world.

Why is Canberra getting a new antenna?

NASA's Deep Space Network just marked 60 years of interstellar communication with a groundbreaking new antenna in Canberra. As a crucial hub in the global network that talks to spacecraft across the solar system, Canberra is getting a high-tech upgrade to handle more data from future missions.

Is Canberra Space Centre open to the public?

For space enthusiasts, the Canberra Space Centre, located at the CDSCC, is open to the public. It features exhibits on space missions, real spacecraft models, and live updates on current deep-space explorations. Visitors can even see the giant antennas in action and learn about Australia's role in space science.

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Apr 3, 2023 · Early this week, NASA and the Canadian Space Agency will announce the crew of the Artemis II mission - the ...

Apr 8, 2025 · Canberra's newest addition, Deep Space Station 33, will be a 112-foot-wide (34-meter-wide) multifrequency beam-waveguide antenna. Buried mostly below ground, a massive ...

Apr 10, 2025 · Credit: NASA/JPL-Caltech NASA's Deep Space Network just marked 60 years of interstellar communication with a groundbreaking new ...

NASA's Deep Space Centre Funded entirely by NASA, the Canberra Deep Space Communication Complex uses a mix of 70-metre and 34-metre ...

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