

This cloud was a small part of a much bigger cloud.

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Nuclear fusion occurs when hydrogen atoms fuse into helium.

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The material left behind by the sun clumped together into bigger and bigger pieces.

Only rocky things could survive close to the sun, so gaseous and icy material collected further away. That's how our solar system came to be the place it is today!

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For more information, visit **spaceplace.nasa.gov/solar-system-formation**

National Aeronautics and Space Administration



These clumps became planets, dwarf planets, asteroids, comets, and moons.

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Present

Comets and asteroids are the left over remains of the solar system's formation.