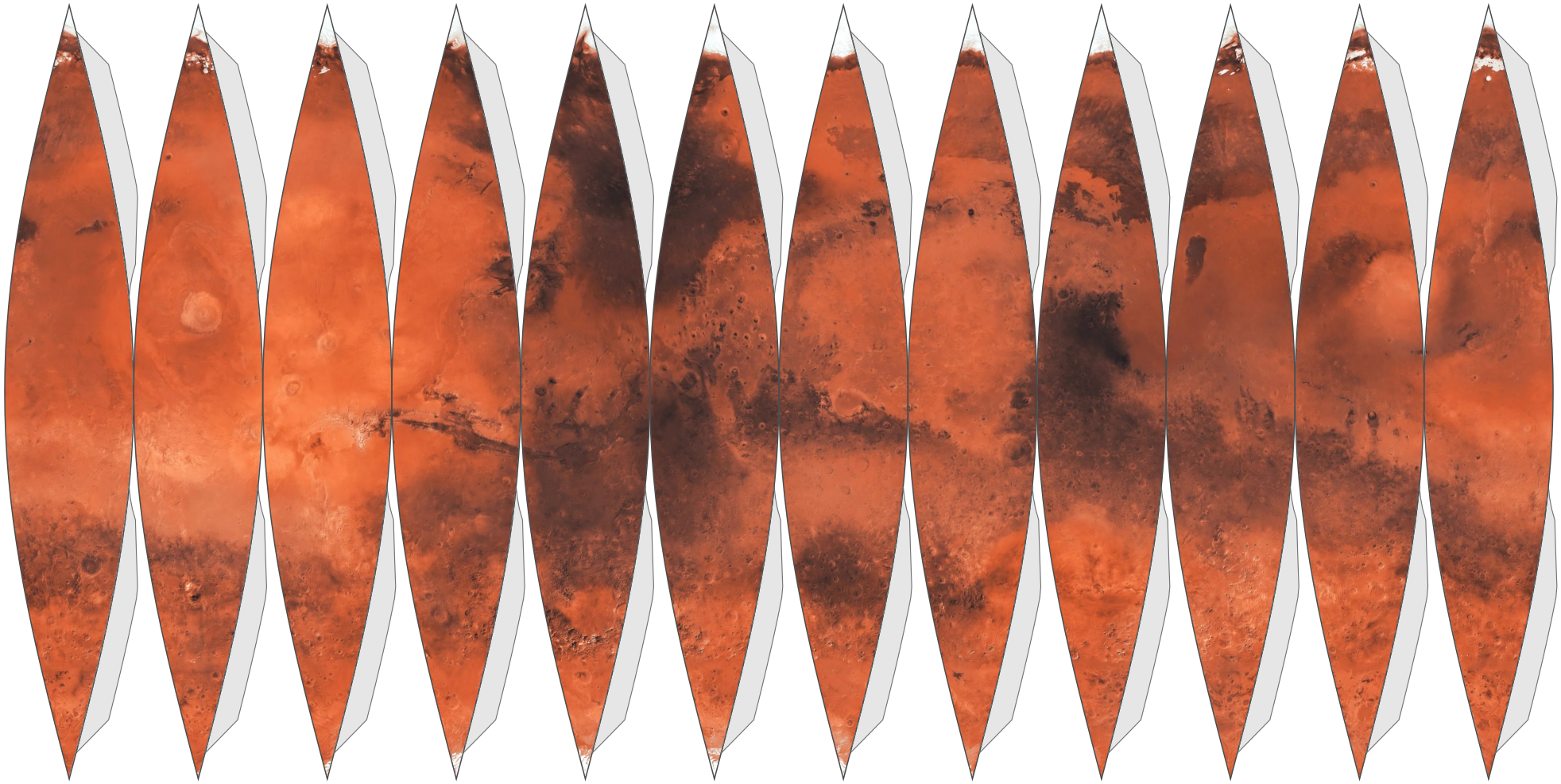
# Mars

A paper globe, 82 mm across: a scale of 1 : 82.7 million. The Earth at this scale would be 15 cm across.

See Mars turn in the live 3D map:
**www.spaceradar.ai/#at=mars**



## How to make it

1. Print at actual size on thick paper (160 to 200 g/m2), or glue the print to thin card. 2. Cut round the outside line, tabs and all. Do not cut along the equator: the gores stay joined there. 3. Fold each grey tab back along its dotted line. 4. Curve the gores up one at a time and glue each tab under the edge of the next gore, the north first, then the south; the last tab closes the ball. The top of the sheet is north.

## True scale

Mars's mean radius is 3 389.5 km (registry/worlds.yaml). At 82 mm across the globe is 1 : 82.7 million: one millimetre here is 83 km there.

## The map

Measured: pictures taken by spacecraft and telescopes, as credited here.
Planet textures: Solar System Scope (solarsystemscope.com), CC BY 4.0

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Source: https://www.solarsystemscope.com/textures/ (read 2026-09-28)