

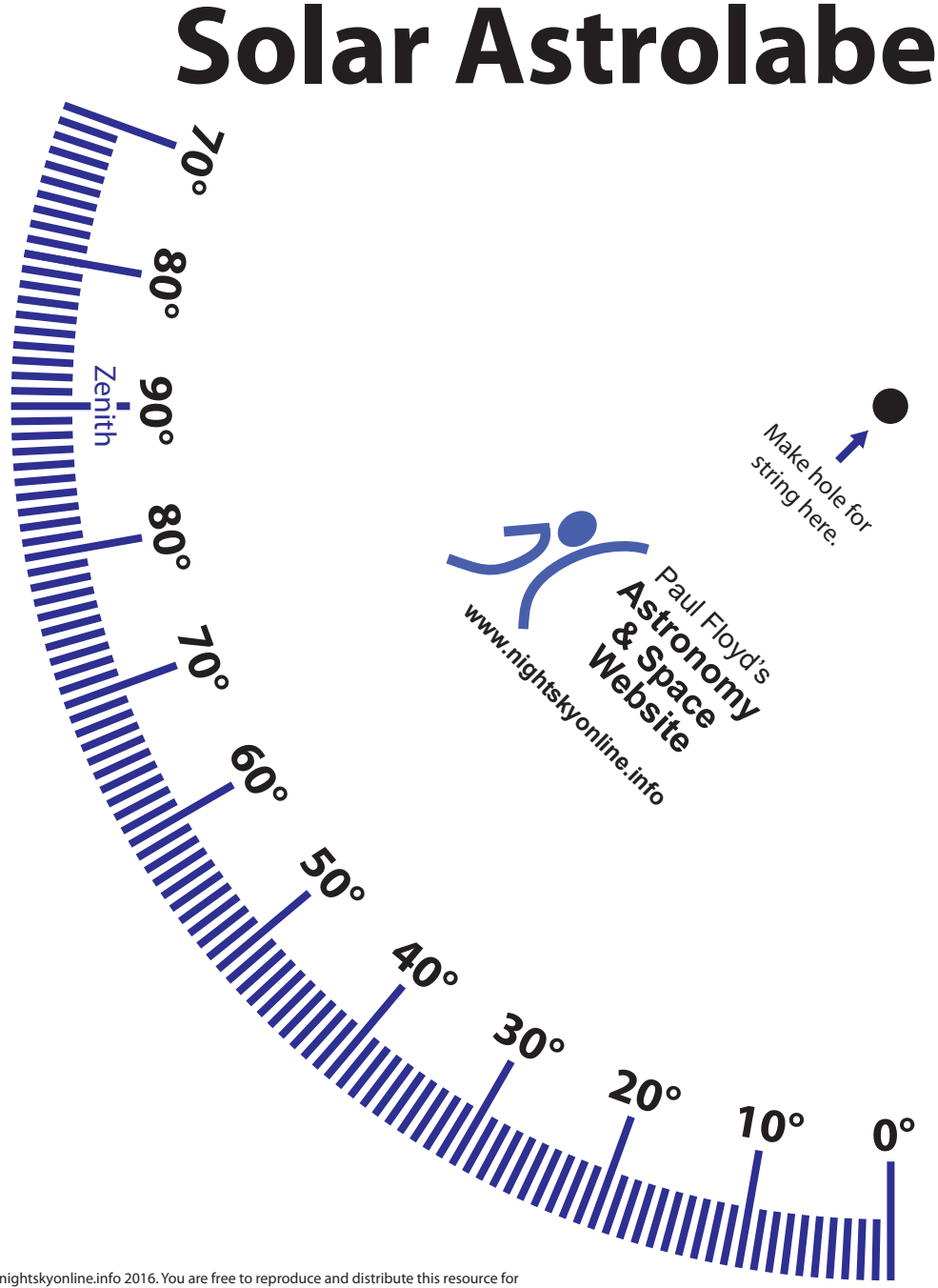


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Warning! Do not look directly at the Sun. Doing so may damage your eyes and potentially result in permanent blindness.

B

Valley fold on dashed line



Valley fold on dashed line

A

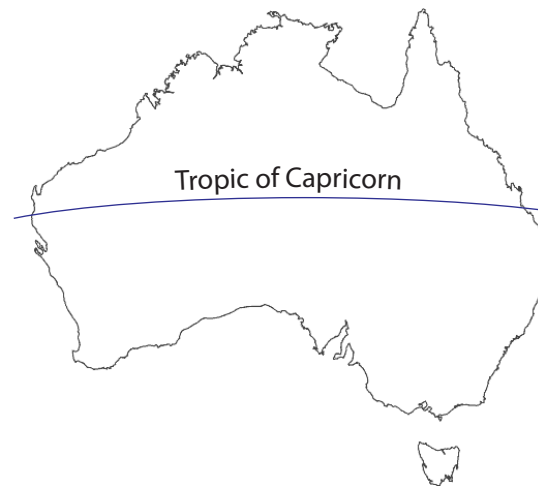
Assembly Instructions

1. Print and glue the astrolabe onto stiff thin card (such as an empty cereal box).
2. Cut out the astrolabe shape when the glue is dried.
3. Fold the two side sections (on the dashed lines) and bend so they are at a right angle to the base.
4. Glue the instructions onto the back of the astrolabe.
5. Carefully make a hole then attach a short weighted piece of string to the base (as per the image).
6. Use as per the instructions on the back of the astrolabe.

Solar Astrolabe Instructions

1. Face north at midday (Southern hemisphere).
2. Hold the astrolabe vertically. The string should be also hanging vertically so that it is touching the astrolabe.
3. Check that tab A is bent at 90° to the base.
4. Tilt the astrolabe so that the shadow of tab A falls onto area B.
5. Record the altitude of the Sun above your horizon by noting where the string is touching the degree marks.

Note: If you are located North of the Tropic of Capricorn, the Sun will be located to the South of the zenith for part of the year.



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