

ZONNEWIJZER

UW ZONNEWIJZER OP MAAT THE SUN SHINES FOR EVERYONE

Set the start chart

As an example, we set the star chart on July 11 at 14:00 local solar time. The ecliptic is the sun's orbit in front of the stars. This track is shown blue in figure 1. It is located at the edge of the degree distribution in the star chart. The local solar time is written in Roman numerals on the edge of the astrolabe. We saw in an earlier example that on July 11 the sun is in the zodiac sign of Cancer at 19.9° .

Set the ruler to 19.9° in Cancer as shown in figure 1. Now rotate the ruler together with the star chart until 14:00 solar time is indicated by the ruler. See figure 2.

The star chart is now set correctly for July 11 at 14:00 solar time.

For example, we see that the star α -Hydra is just before south and the star α -Ceti is just on the horizon. You can read this in relation to the plate below the star chart. Figure 3 shows this plate and marks the south and horizon. Figure 4 shows that α -Ceti is just on the horizon in detail.

There is much more to see on the plate as will be shown in subsequent examples.

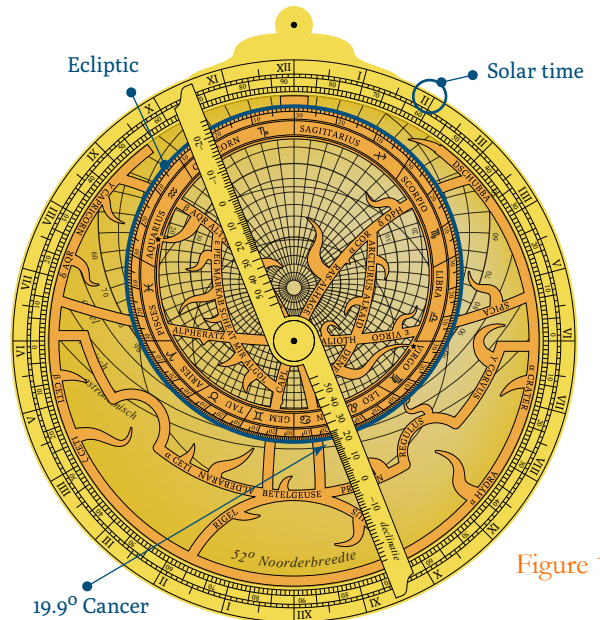


Figure 1

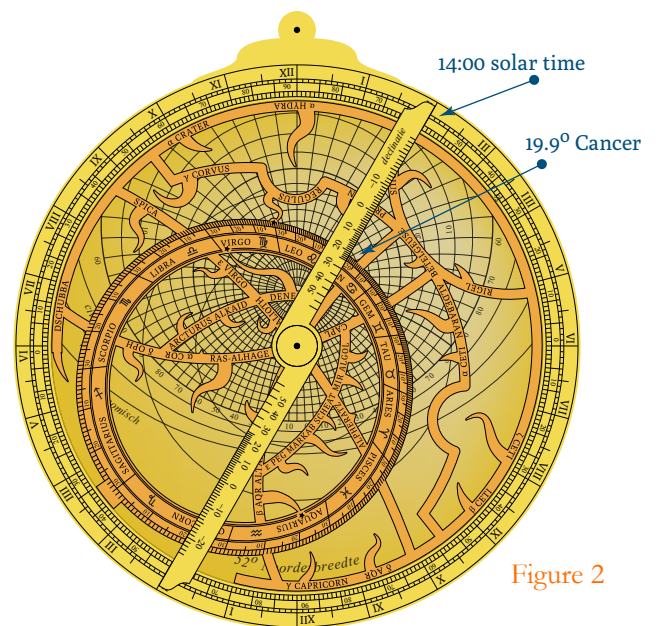


Figure 2

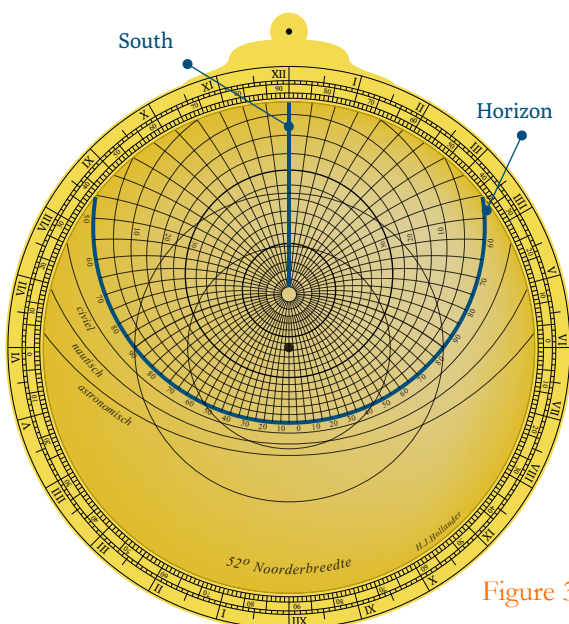


Figure 3

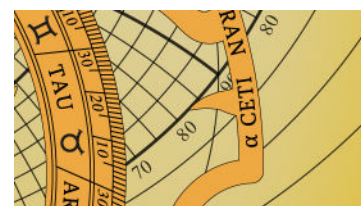


Figure 4

Uw Zonnewijzer op maat

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