

The Sundial Glass

Instructions for use

The glass is designed for the location as indicated on the glass. Basel Switzerland for example.

This Sundial Glass will tell you the Daylight Saving Time (summer time).

On the glass you will see an image similar to that of figure 1. In this figure, you will find a round black circle with a small transparent centre. This is the "shadow casting circle". The shadow of this circle will indicate the time.

On the glass you will find hour lines and date lines. In figure 2, the date line of 21st of March (and 21st of September) has red dots. The date lines of the 21st of each month are drawn on the glass.

In figure 3 the hour line of 5 o'clock has red dots.

HOW TO READ THE TIME?

Place the empty glass in the sun on a horizontal surface. Turn the glass until the sun's shadow of the "shadow casting circle" falls on today's date line. In figure 4, the glass indicates 19:00 on 21st of June. The glass in figure 5 indicates 18:00 o'clock on the 21st of April and also on the 21st of August.

Daylight Saving Time (DST) is the official term for summer time. During winter time, subtract one hour of the time indicated by the glass. The precision of the time increases if you consider the Equation of Time (between -16min and +14min).

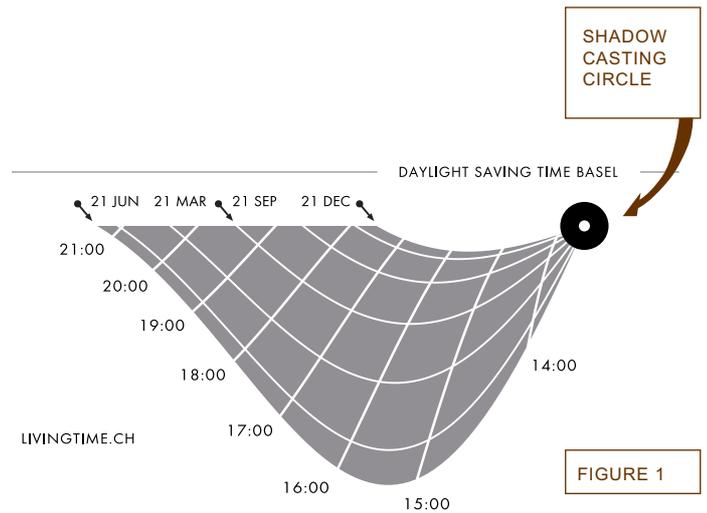


FIGURE 1

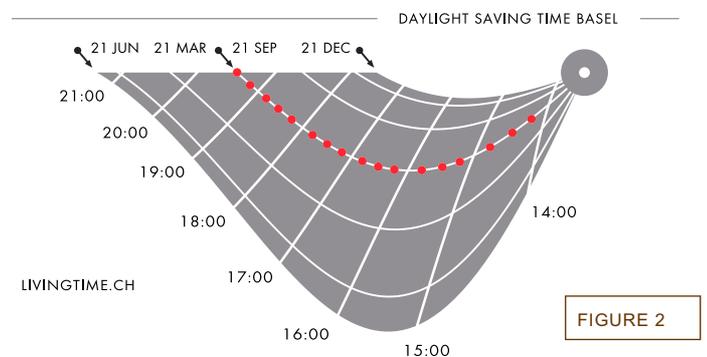


FIGURE 2

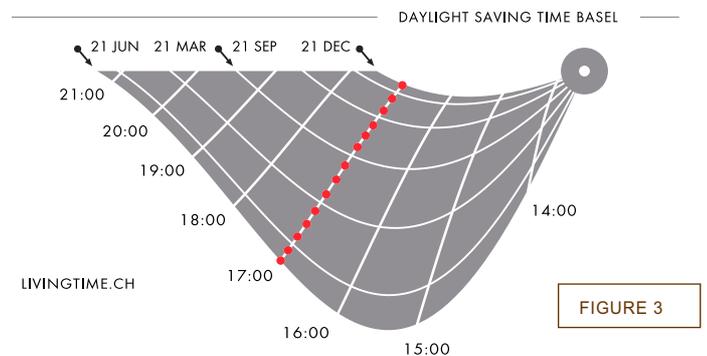


FIGURE 3

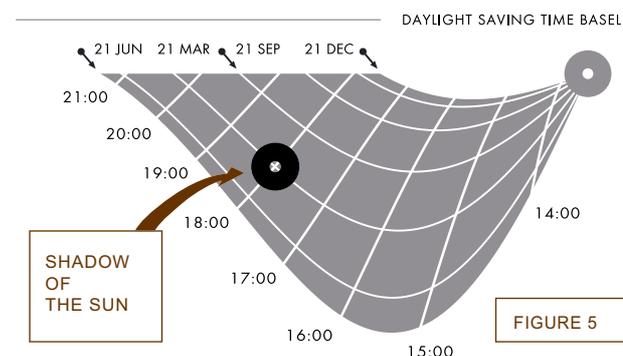


FIGURE 5

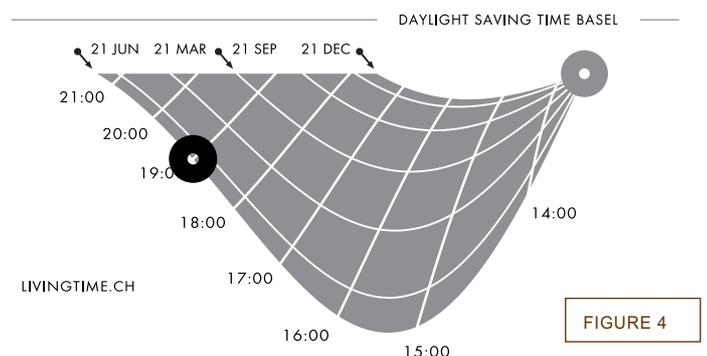


FIGURE 4