

Times of the Sun

Thank You for reading me!

What is Times of the Sun?

This **FREEWARE** program calculates when the sun rises and sets every day and displays these times in a small window.

Instruction's Manual

Although this program is easy to use, let's take a closer look to answer possible questions.

Installation

Copy the entire "Times of the Sun" folder to Your hard disc. It's vitally important to always keep the file "Preffs-TS" in this folder. This file contains Your preferences and is necessary for the program to operate. I recommend that You also keep the documents (what You're reading now) in the folder for future reference.

How to get started

To start "Times of the Sun" simply click on the "Sun program" icon. If "Preffs-TS" is in Your folder, the program starts normally, and You will be able to run it immediately. However, there are a few things You need to do, to have every-day access to its features.

At first, You have to consult a local map to find the co-ordinates of the place where You live. To serve You with accurate results, this program calculates with 16 decimal precision. Therefore, please, take care to find the most accurate figures of the co-ordinates.

Secondly, You need to find Your Time Zone. United Kingdom is UTC (= 0), most of continental Europe is 1, New York, USA is - 5, Japan 9 and so forth. Consult Your World Atlas in case You don't know what Your time zone is.

And then You are prompted to enter your Summer Time (DST) preference.

Save Your settings by marking "Save Your Place" in the file menu. Your co-ordinates are then stored in the "Preffs-TS" file. This way "Times of the Sun" always knows where You live.

When You have installed "Times of the Sun" on Your hard disc, all You need to do, is simply to click on the "Sun Program" icon.

OPERATING INSTRUCTIONS

In the menu "DAY" You can select to present the sunrise and sunset times for TODAY, YESTERDAY and TOMORROW.

In addition, by choosing ANY DAY, You may select any day from the year 1751 to 2089. However, by pressing YESTERDAY or TOMORROW after ANY DAY, You will NOT see the times for the preceding or coming day, but for true yesterday or tomorrow.

If You are interested in comparing the sun times of Your place and one of 15 other preset cities, simply select a city in the "European Cities" menu. The "DAY" menu works as described above for these cities also.

If You wish to find out the times for any other place, You need to enter its co-ordinates in similar manner as described in "Save Your Place" by marking "ANY PLACE" in the European Cities menu.

Special Feature

The sun times are calculated with a built-in DST (Daylight Savings Time) function. You will not have to worry about adding or subtracting hours. "Times of the Sun" automatically recognizes DST and leap years.

The new EU standard DST starting 1996 is also included in this program.

ACCURACY

This program incorporates extensive mathematical formulas. It takes into consideration the deviations of curvature of the earth and calculates with 16 decimal precision. This way the presented result is accurate to ± 2 minutes.

LIMITATIONS

Outside Europe exist different rules for DST - or no DST at all. You may select "No DST" or one of three other DST settings, but the rules vary from country to country. Usually the rules are quite simple, and in many cases the three incorporated DST settings will suffice.

This program is restricted to work OUTSIDE the polar region. Latitudes north of 89° and south of 89° will not be accepted.

Legal Considerations

This program is FREeware. You don't have to pay a single penny for it. It's Yours - free. You may share it with Your friends and neighbors any way You like. You may change or alter it at will.

However, You may not sell or distribute this program for any commercial purposes without my approval.

RESPONSIBILITY

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