

NOTES ON USE OF THE SKY MAP AT [w.fourmilab.ch/yoursky](http://w.fourmilab.ch/yoursky)

Call up the site

A little way down the page there is a button "Make Sky Map".

Pressing this button gives you a rather complicated view of the sky at a predetermined time and place

You must now set the details as required. In the various panels set things as follows

Date and time : Select the radio button for Universal Time and enter the date as 2008-03-21. Set the time as 19:00:00

Latitude and Longitude : Select 60° N and 0° W

Then deselect everything down to Stars

Select "Show stars brighter than magnitude 1.5" and "Show names"

Deselect "Bayer/Flamsteed Codes"

Select Image Size 500 pixels

Find the "Update" button just below the sky drawing and click on this.

You will then have a drawing showing the few brightest stars. A typical result is shown on Page 2.

Centre this picture on the screen, but retain the heading showing position and time

I usually record the picture by pressing SHIFT plus PRT SCR which puts the screen display on the clip board. I then COPY this on to a blank MS WORD page.

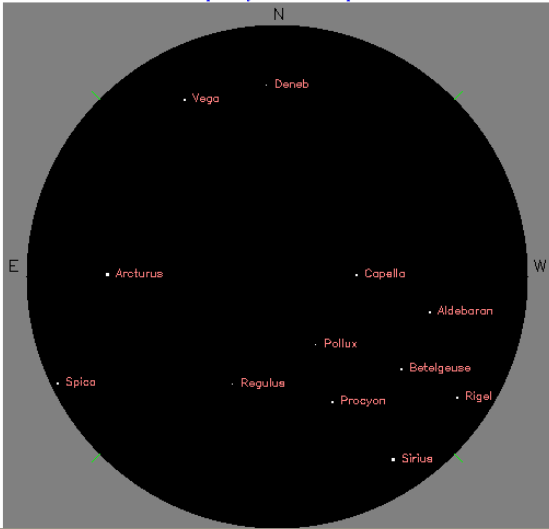
In this way you can generate a series of sketches showing how the stars move across the sky as time advances. See pages 03 etc.

To get very detailed setting times it is best to use an Ephemeris. The best one that I've found is Ephemeris 3 at [www.alcyone.de](http://www.alcyone.de) and in another note I've explained how to get started with this.

Firefox browser window showing a sky map titled "Sky above 60°N 0°W at Fri 2008 Mar 21 19:00 UTC". The map displays a circular field of view with stars labeled: Vega, Deneb, Arcturus, Capella, Regulus, Pollux, Aldebaran, Procyon, Betelgeuse, Rigel, and Sirius. The map is oriented with North (N) at the top, East (E) on the left, and West (W) on the right. A tooltip for "ONSPEED" is visible in the bottom right corner of the browser window, stating "Successfully connected to helium.onspeed.com:7000". The browser's address bar shows the URL: <http://www.fourmilab.ch/cgi-bin/Yoursky>. The Windows taskbar at the bottom shows the Start button and several open applications, including "NOTES ON USE OF T...", "Document2 - Microsof...", "Document3 - Microsof...", and "Sky above 60°N 0°W ...". The system clock shows 10:11.

Firefox browser window showing a sky map titled "Sky above 60°N 0°W at Fri 2008 Mar 21 21:00 UTC". The map displays various stars including Vega, Deneb, Arcturus, Capella, Aldebaran, Pollux, Betelgeuse, Rigel, Sirius, Procyon, Regulus, and Spica. The browser interface includes the address bar, search bar, and taskbar.

Firefox browser window showing a sky map titled "Sky above 60°N 0°W at Fri 2008 Mar 21 21:00 UTC". The map displays various stars including Vega, Deneb, Arcturus, Capella, Aldebaran, Pollux, Betelgeuse, Rigel, Sirius, Procyon, Regulus, and Spica. The browser interface includes the address bar, search bar, and taskbar.



Done

Windows taskbar showing the Start button and several open applications: "NOTES ON USE OF T...", "Document2 - Microsof...", and "Sky above 60°N 0°W ...". The system clock shows 10:06.

Firefox browser window showing a sky map titled "Sky above 60°N 0°W at Fri 2008 Mar 21 22:00 UTC". The map displays several stars labeled: Deneb, Vega, Arcturus, Spica, Capella, Aldebaran, Pollux, Betelgeuse, Regulus, Procyon, and Sirius. The map is oriented with North (N) at the top, East (E) on the left, and West (W) on the right. A link "Explain symbols in the map." is visible above the map.

Done

Windows taskbar showing the Start button and several open applications: NOTES ON USE OF T..., Document2 - Microsof..., Document3 - Microsof..., and Sky above 60°N 0°W ... The system clock shows 10:07.

Firefox browser window showing a sky map titled "Sky above 60°N 0°W at Fri 2008 Mar 21 23:00 UTC". The map is a circular field of view with a black background and a grey border. The cardinal directions are labeled: N (North) at the top, E (East) on the left, and W (West) on the right. A link above the map reads "Explain symbols in the map." The stars shown on the map are:

- Deneb
- Vega
- Capella
- Aldebaran
- Arcturus
- Pollux
- Betelgeuse
- Regulus
- Procyon
- Spica

The browser's address bar shows the URL: <http://www.fourmilab.ch/cgi-bin/Yoursky>. The taskbar at the bottom shows the Windows Start button, several open documents, and the current browser window. The system clock indicates 10:08.