

procyon R

Procyon R Pro

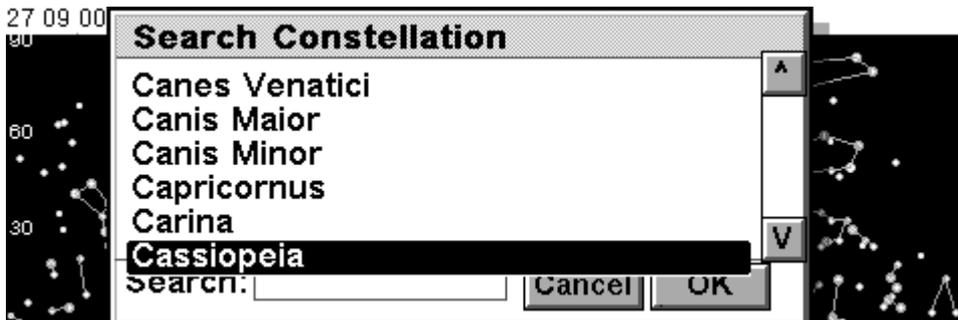
You may be currently using the Light version of Procyon. This version is **Freeware**. You can use this version in its present state *for free for as long as you like* and you do not need to register to keep using it.

However, it is your choice to consider this version as Shareware and register to receive a **PROCYONR.KEY** file. This file switches the Freeware version to the Registered PRO version. You will also need the separately available Auxiliary pack with additional databases.

Registration is a one-time process, once you receive your **PROCYONR.KEY** file in your email (it's only a few bytes) you copy this to the same directory containing all the files. Every new version of Procyon R will detect this Key-file and switch to PRO mode. Therefore all future versions are free, once registered.

Of course you can also get all future Procyon R Light versions for free.

Extra's in PRO



Search for constellations

You can search for any constellation and the constellation will flash indicating all the stars which are part of it.

Is it visible yet?

Calculate if the Red Spot is visible and show it on the face of Jupiter. You can adjust the Longitude of the Spot.

The Red Spot transits the Jovian meridian at

Date: 21 Jan 2000 05 h 53 m UT
Longitude Red Spot: 74° 15 h 49 m UT
Current time: 04:41 UT

Red Spot visible now!



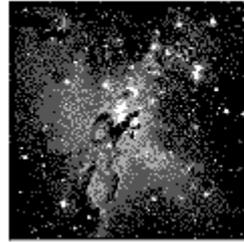
eclipse

You can find out when the next (or historical) Lunar Eclipse will occur and show the actual view of the face of the Earth hiding the Sun.

Real Messier objects

Actual pictures of all Messier-nebula instead of only a picture representing the type.

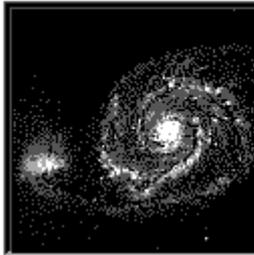
Find: Nebula



Right Ascension	18h19m14s
Declination	-13°46'42"
Magnitude	6.5
Popular Name	Eagle
Scientific Name	M16 Serpens
Type	Open Cluster
NGC	6661
Approx. Diam	

27 09 00

NGC 5194



Right Ascension	13h30m00s
Declination	47°10'48"
Magnitude	8
Constellation	Canes Venatici
Type	Spiral Galaxy

Massive NGC database

Search in the entire NGC catalogue (more than 7800+ items) instead of only the first 100.

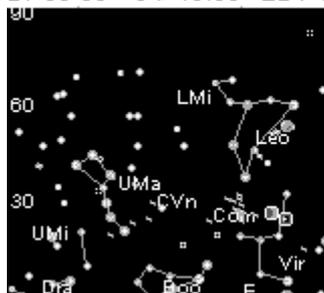
Unreal precision

Precision is always within the planetary-disc and most of the time the High precision mode up is to an arc-second.

Actual data may vary, we're continually upgrading the precision.

Planet	R.A.	Decl.°	Azim.°	Height°	Dis.AU	K %	Diam.°	Magn.
Moon	8h12m57s	19°37'00"	86.54	50.10	239E ⁵	100	1997	-12.59
Sun	20h10m35s	-20°03'12"	266.06	-50.74	0.98	100	1950	-26.80
Mercury	20h26m43s	-21°19'36"	262.99	-47.31	1.39	99.3	4.78	-0.97
Venus	17h40m49s	-22°03'06"	281.54	-85.47	1.25	81.3	13.35	-3.47
Mars	22h59m26s	-7°20'30"	265.36	-7.96	1.95	94	4.78	1.31
Jupiter	1h40m45s	9°12'30"	264.86	35.49	4.93	99	39.91	-1.98
Saturn	2h34m52s	12°42'06"	262.75	49.13	8.96	99.7	18.59	1.26
Uranus	21h14m20s	-16°41'18"	265.31	-35.26	21.04	100	3.25	6.28
Neptune	20h24m48s	-19°02'36"	266.41	-47.25	31.09	100	2.35	7.80
Pluto	16h48m12s	-11°25'42"	35.91	-75.92	30.86	100	0.19	13.85

27 09 00 UT 15:03 LST 0



Extended Zoom-in

Reference Stars in Zoom-window up to magnitude 7. So you'll always find what you want in your scope.

Procyon Pro

Technical status view within Procyon R Pro

27 09 00 UT 15:18 LST 08:26 Utrecht



Technical Information

Utrecht	Long 109.7°	Lat 23.03°
27 Sep 2000	J.D. 2451815.14	T 0.0074
UT 15:18	Diff.UT -7	LST 8:26
Stars 1602	RefStar 7407	
Messier 110	NGC 7849	Visible < 326
Ecliptic 23.4391841099436°		Max iter. 3

Comparison

Below is a table which compares the results from Procyon R V0.99 with the official data from [Ephemeriden Bureau des Longitudes](#).

Date: April 14, 1998 at 12:00 UT, Epoche 2000.0

Moon topocentric and other objects geocentric parameters

Comparison	R.A. BdL in Paris (1)	Dec. BdL in Paris	R.A. Procyon R	Dec. Procyon R
Moon	15h24m40s	-14 12m49s	15h24m39s	-14 12m48s
Sun	01h30m15s	+09 26m43s	01h30m16s	+09 26m48s
Mercury	00h40m30s	+04 59m37s	00h40m30s	+04 59m36s
Venus	22h41m37s	-08 21m04s	22h41m36s	-08 21m00s
Mars	01h56m17s	+11 37m07s	01h56m17s	+11 37m06s
Jupiter	23h10m42s	-06 20m18s	23h10m44s	-06 19m54s
Saturn	01h30m21s	+07 02m32s	01h30m20s	+07 02m24s
Uranus	20h59m53s	-17 42m24s	20h59m54s	-17 42m12s
Neptune	20h17m02s	-19 21m04s	20h17m03s	-19 21m00s
Pluto	16h32m04s	-09 23m12s	16h32m03s	-09 23m12s

Absolute average difference in Right Ascension: 1.0 second

Absolute average difference in Declination: 6.0"

Please be aware that a second is less then 0.000012 of a circle...

REGISTRATION

Procyon R can be registered Online for your convience at:

US\$ 35

US\$ 30

RegNet - The Registration Network.

Register Procyon R at

<http://www.swregnet.com/1703p.htm>

or call 1 800 WWW2REG or (805) 288-1827.

**Click here to REGISTER
this software ONLINE!
www.RegSoft.COM**

[to Procyon R](#)