

Internet Links

General Observing

<http://www.skyatnightmagazine.com/astronomy-field-view-calculator>

Calculates field of view for telescope/eyepiece combination

<https://stellarium.org/>

Stellarium - A very popular free planetarium program with telescope control

<https://www.ap-i.net/skychart/en/start>

Carter du Ciel (Skycharts) A very popular free planetarium program with telescope control

<https://edu.kde.org/kstars/>

Another very comprehensive free planetarium program for Windows/Mac/Linux/PI - has android version.

<https://theskylive.com/guide>

What's up tonight - Set it to Peterborough, Ontario.

http://ftp.geogratis.gc.ca/pub/nrcan_rncan/vector/index/html/geospatial_product_index_en.html

Elevation of your observing site.

<https://www.timeanddate.com/sun/canada/peterborough>

Sun, Moon, Rise, Set, Twilight - Set it to Peterborough, Ontario

<https://www.astrobuysell.com/propview.php>

Browse second hand equipment

<https://stargazerslounge.com/topic/279039-the-eq3-dso-challenge/>

Astrophotography with less expensive equipment.

<http://www.samirkharusi.net/>

Fascinating web site by a guy from Oman.

<https://www.youtube.com/watch?v=eisQb7Fxb8>

"There old eyes ain't what they used to be" - Dr. Ralph Chou - RASC Toronto

<https://www.cloudynights.com/articles/cat/column/binocular-universe>

<https://www.cloudynights.com/articles/cat/column/binocular-universe/binocular-universe-messier-madness-r2874>

Excellent articles on binocular viewing including Messier Marathon

- by an expert, Phil Harrington.

Messier Marathon

<https://www.astrobuysell.com/paul/astro.htm>

The Great Canadian Marathon - Paul Markov - RASC Toronto

<http://www.messier.seds.org/xtra/marathon/results.html>

*Messier Marathon Observer's Results - SEDS

<http://www.messier.seds.org/xtra/marathon/mm2019.html>

***Messier Marathons 2019**

<http://www.astronomical.org/astbook/messier1.htm>

***Tips on Participating in the Messier Marathon - by John Barra**

<https://www.amazon.ca/Observing-Guide-Messier-Marathon-Handbook/dp/0521803861>

The Messier Bible by Don Machholz

<http://www.messier.seds.org/xtra/marathon/marathon.html>

History of the Messier Marathon

<http://www.messier.seds.org/xtra/history/CMessier.html>

For those who want to go really deep includes links to a facsimile of Messier's personal copy of the final edition.

<http://messier.obspm.fr/xtra/history/pm-lett.html>

More deep stuff - Pierre Méchain's Letter Bernoulli of May 6, 1783

<http://astrosurf.com/jwisn/104.htm>

Realistic photos of Messier objects in sequence of observation.

<https://www.space.com/39931-messier-marathon-with-mobile-apps.html>

Run the Messier Marathon - Sky Safari & other mobile apps includes photos of all 110 Messier objects in one image.

<http://astrofarmfrance.com/messier-marathon/>

A Messier Marathon - How to

<http://www.messier.seds.org/xtra/supp/midnite.html>

The best time to observe each object through out the year - detailed data.

<http://www.astrotx.com/>

Excellent site for LX90 & other SCTs - Messier Objects with an Alt-Az Mount detailed setup & photo data.

<http://www.maa.clell.de/Messier/E/Xtra/12months/12months.html>

Twelve Months Tour of the Messier Catalog

<https://optcorp.com/products/or-4150-deepmap-600-star-chart>

33" x 21" full-color star chart by Will Tirion showing Messier and many NGC Objects - weather proof (\$12.95US)

Star Hopping

<https://www.robhawley.net/sh101/index.htm>

Star Hopping 101

On Youtube at https://www.youtube.com/view_play_list?p=36B0AD5D29A76981

<https://www.robhawley.net/mm/>

Star Hopping Guide to the Messier Marathon

Tutorial on Star Hopping

Messiers throughout the year

Downloadable set of charts and instructions (Pdf format)

Globular Clusters

<http://www.messier.seds.org/glob.html>

About Globular Clusters History, discussion, classification.

<http://www.astronomyforum.net/content/206-deep-sky-objects-globular-gallop-march-night-sky.html>

Globular Gallop April 2017

<http://www.astronomyforum.net/deep-sky-objects-forum/184495-globular-gallop-august-2014-a-print.html>

Globular Gallop August 2014

<http://www.faintfuzzies.com/Files/GlobularClusters%20v4.pdf>

All known Globular Clusters in the Milky Way - 133 Pages (pdf).

<http://www.atlasoftheuniverse.com/globular.html>

Another list of Globular Clusters.

Extras

<http://www.messier.seds.org/xtra/cert.html>

Unofficial Messier Certificate