

R.A.S.C. - BELLEVILLE CENTRE

JULY - 2006

Welcome to another edition of the newsletter of R.A.S.C. - Belleville Centre. Your favourite newsletter editor hopes that many, if not all of you, will have been able to have been out at least once or twice since the last meeting to do some observing.

Now for some much needed information that could be of some importance to some people over the next while:

Meteor Showers:

Date	Meteor Shower	Radiant (R.A. / Dec.)	Z.H.R.
09 July, 2006	epsilon Pegasids	22h 40m +15.0°	0 8
14 July, 2006	July Phoenicids	02h 05m -47.9°	3 0
16 July, 2006	omicron Draconids	18h 04m +59.0°	03
22 July, 2006	Capricornids	20h 52m -23.0°	04
29 July, 2006	South gamma Aquarids	22h 12m -16.5°	30*
30 July, 2006	alpha Capricornids	20h 28m -10.0°	30*
05 August, 2006	South iota Aquarids	22h 13m -14.7°	15
12 August, 2006	Perseids	03h 05m +57.4°	95*
12 August, 2006	North gamma Aquarids	22h 36m -05.0°	20
18 August, 2006	kappa Cygnids	19h 04m +59.0°	05

* -meteor showers worth observing, especially the Perseids

01 Moon: (courtesy of R.A.S.C. 2006 Handbook)

First Quarter:	Monday, 03 July, 2006	16 hours 37 minutes
Full Moon:	Tuesday, 11 July, 2006	03 hours 02 minutes
Last Quarter:	Monday, 17 July, 2006	19 hours 12 minutes
New Moon:	Tuesday, 25 July, 2006	04 hours 31 minutes
Moon at apogee:	Saturday, 01 July, 2006	20 hours 404,448 km
Moon at perigee:	Saturday, 29 July, 2006	13 hours 405,406 km

02 Planets: (courtesy of R.A.S.C. 2006 Handbook)

Mercury -is in inferior conjunction on 18 July, 2006 and is not easily observed by observers in the northern hemisphere.

Venus -rises about two (2) hours before the Sun and is only observable during morning twilight very low in the east-north-east.

Earth -this planet is good justification for the S.E.T.I. programme. There is no intelligent life on it.

Mars -moves from Cancer to Leo early in the month. It is visible with difficulty low in the west after sunset in the first half of the month. Becomes lost in the Sun's glare by month's end.

Jupiter -in Libra, is stationary on 06 July, 2006, and returns to direct (eastward) motion. It is nearly 20° above the south-west horizon at the end of evening twilight. It sets in the west-south-west near midnight.

Saturn -in Cancer and is visible with difficulty very low in the west-north-west during evening twilight. It becomes lost in the Sun's glare by mid-month.

Pluto -spends most of the year of 2006 in Serpens Cauda. In late September of 2006, it dips into Ophiuchus and eventually enters eastward into Sagittarius by early December of 2006. Opposition for Pluto is 16 June, 2006, and conjunction of Pluto is 18 December, 2006.