



Mooncusser's 21st Century Almanac

By Jim Carlson

Full Moon – Fri. October 06 at 23:15 EDT
Last Quarter – Fri. October 13 at 20:27 EDT
New Moon – Sun. October 22 at 01:15 EDT
First Quarter – Sun. October 29 at 16:27 EST

Object	Oct. 01 (EDT)	Oct. 16 (EDT)	Oct. 31 (EST)
Sun	R: 06:37 S: 18:22	06:54 17:58	06:11 16:36
Mercury	R: 08:28 S: 19:04	09:10 18:46	07:46 17:08
Venus	R: 06:01 S: 18:13	06:38 17:56	06:16 16:42
Moon	R: 15:34 S: 23:41	01:17 15:49	14:08 01:11
Mars	R: 07:13 S: 18:39	07:05 18:03	05:58 16:29
Jupiter	R: 10:04 S: 20:05	09:20 19:15	07:38 17:26
Saturn	R: 02:38 S: 16:35	01:46 15:39	23:49 13:43
Uranus	R: 17:18 S: 04:29	16:18 03:28	14:18 01:27
Neptune	R: 16:13 S: 02:24	15:14 01:25	13:15 23:22
Pluto	R: 12:32 S: 22:37	11:34 21:39	09:37 19:41

October 2006 Events (UT)

- 03** – Neptune 3° north of the Moon.
- 05** – **Meeting of the CCAS.** The program for the evening is “So you want to Buy a Telescope.” Bring your telescope, demonstrate it to our visitors, and share your adventures with us.
- 05** – Uranus 0.5° north of the Moon.
- 06** – Moon at perigee (222,084 miles).
- 08** – Draconid meteors peak at around 2300 UT (1900 EDT).
- 10** – Moon 0.7° north of M45.

- 16** – Saturn 2° south of the Moon.
- 17** – Mercury at greatest eastern elongation, rising and setting *east* of the Sun.
- 19** – Moon at apogee (252,323 miles). (3) Juno 0.3° north of the Moon.
- 20, 21, 22** – **Visit Gary Walker’s observatory** near Plymouth, NH during the 3rd weekend in October. Gary says, “There is a small house there with electricity, running water, bathrooms, heat, phone, satellite TV, barn, observatory and usually clear skies.”
- 20** – Look for the Zodiacal Light in the east before morning twilight for the next two weeks.
- 21** – Orionid meteors peak around 1500 UT (1100 EDT).
- 23** – Mars in conjunction with the Sun.
- 24** – Mercury 1.4°, and Jupiter 5°, north of the Moon, both at 800 UT (400 EDT).
- 25** – Antares 0.4° north of the Moon. Mercury 4° south of Jupiter.
- 27** – Venus in superior conjunction.
- 28** – Mercury 4° south of Jupiter.
- 29** – End of Eastern Daylight Time (EDT). Move your clocks back and subtract five hours from UT. Mercury and Neptune stationary.
- 30** – Neptune 3° north of the Moon.

Sources: TheSky6, Software Bisque
Observer’s Handbook 2006, Royal Astronomical Society of Canada
 The times of rise, transit, and set are for the days listed. On October 1st, for example, Neptune will set at 02:24 EDT, rise at 16:13 EDT, and transit the meridian at 21:17 EDT.

October 5th CCAS Meeting

The evening’s program, “**So You Want to Buy a Telescope**”, will be presented by the membership as a whole. Vice President Mike Hunter will be the emcee for the program and will make a few opening remarks. The meeting will be held in the newly renovated Dennis-Yarmouth High School library. There will be lots of room and plenty of tables for members to set out catalogs, scopes, binoculars, etc. so bring yours.

