2012 Events

January

Date	Time (UT)	Event
4	7	Quadrantid meteor shower peaks: 120 meteors per hour
13	7	Venus 1.2° S of Neptune
16	8	Spica 2.0° N of Moon

February

Date	Time (UT)	Event
10	5	Venus 0.3° N of Uranus
12	13	Spica 1.7° N of Moon

March

Date	Time (UT)	Event
3	20	Mars at opposition
5	10	Mercury greatest elongation E (18°)
5	17	Mars closest to Earth
10	21	Spica 1.5° N of Moon
11		Daylight Saving Time begins
20	5	Spring equinox in N Hemisphere, autumn equinox in S Hemisphere
27	8	Venus greatest elongation E (46°)

April

Date	Time (UT)	Event
3	14	Venus 0.5° S of Pleiades (M45)
7	7	Spica 1.5° N of Moon
15	18	Saturn at opposition
18	17	Mercury greatest elongation W (27°)
22	2	Mercury 2° S of Uranus
22	5	Lyrid meteor shower peaks: 20 meteors per hour
22	19	Jupiter 2° S of Moon
30	8	Venus greatest illuminated extent

May

Date	Time (UT)	Event
4	18	Spica 1.5° N of Moon
15	20	Pallas 0.8° N of Moon, occultation in New Zealand and Polynesia
20	0	Juno at opposition
20		Annular Solar Eclipse: E Asia, N Pacific Ocean. W USA

June

Date	Time (UT)	Event
1	4	Spica 1.5° N of Moon
4		Partial lunar eclipse: Australia, New Zealand, Pacific Ocean
6		Transit of Venus: Pacific Ocean, N America, Africa, Europe, Asia
12	17	Pallas 0.8° S of Moon, occultation in Russia, Japan, N Canada
17	8	Jupiter 1.1° S of Moon, occultation in N Canada
18	1	Venus 2° S of Moon
20	23	Summer solstice in N Hemisphere, winter solstice in S Hemisphere
28	11	Spica 1.4° N of Moon
29	16	Pluto at opposition.

July

Date	Time (UT)	Event
1	2	Mercury greatest elongation E (26°)
9	19	Venus 0.9° N of Aldebaran
12	16	Venus greatest illuminated extent
15	3	Jupiter 0.5° S of Moon, occultation Europe, N Africa, Asia
20	8	Mercury 0.5° N of Moon
25	17	Spica 1.4° N of Moon, occultation Antarctica, S America

August

Date	Time (UT)	Event
11	20	Jupiter 0.1° N of Moon, occultation Indonesia, Hawaii
12	12	Perseid meteor shower peaks: 90 meteors per hour
13	0	Mars 1.9° N of Spica
13	20	Venus 0.6° S of Moon, occultation E Asia, Japan, N America
15	9	Venus greatest elongation W (46°)
16	12	Mercury greatest elongation W (19°)
21	22	Spica 1.0° N of Moon, occultation New Zealand, Antarctica
24	13	Neptune at opposition

September

Date	Time (UT)	Event
9	2	Jupiter 0.6° N of Moon, occultation S America
9	9	Ceres 0.6° S of Moon, occultation Canada, USA, Europe
18	5	Spica 0.8° N of Moon, occultation Indian Ocean, Antarctica
19	21	Mars 0.1° N of Moon, occultation S America, Polynesia
22	15	Autumn equinox in N Hemisphere, spring equinox in S Hemisphere
25	3	Pallas at opposition
29	7	Uranus at opposition

October

Date	Time (UT)	Event
1	1	Mercury 1.8° N of Spica
3	8	Venus 0.1° S of Regulus
5	21	Jupiter 0.9° N of Moon, occultation S Australia, Southern Ocean
7	5	Ceres 0.9° N of Moon, occultation S Atlantic, S Africa
17	2	Mercury 1.3° S of Moon
18	13	Mars 2° S of Moon
21	4	Orionid meteor shower peaks: 20 meteors per hour
26	22	Mercury greatest elongation E (24°)

November

Date	Time (UT)	Event
2	1	Jupiter 2.0° N of Moon, occultation S Africa, Southern Ocean
4		Daylight Saving Time ends
12	2	Spica 0.8° N of Moon, occultation Indian Ocean, Antarctica
13		Total Solar Eclipse: N Australia, Pacific Ocean
17	8	Leonid meteors peak: 20 meteors per hour
27	5	Venus 0.6° S of Saturn
28		Penumbral Lunar Eclipse: Asia, Australia, New Zealand
29	1	Jupiter 0.6° N of Moon, occultation S America, S Africa

December

Date	Time (UT)	Event
3	2	Jupiter at opposition
4	23	Mercury greatest elongation W (21°)
9	8	Vesta at opposition
9	12	Spica 0.8° N of Moon, occultation S Pacific Ocean, S America
11	14	Venus 1.6° N of Moon
12	1	Mercury 1.1° N of Moon, occultation Antarctica
14	0	Geminid meteor shower peaks: 120 meteors per hour
18	9	Ceres at opposition
21	11	Winter solstice in N Hemisphere, summer solstice in S Hemisphere
26	0	Jupiter 0.4° N of Moon, occultation S America, S Africa

Source: RASC Observer's Handbook 2012