

This is an astronomical calendar. For each Saturday in the year, four Stars that appear in about **30 degrees** intervals in the night sky are selected. Also Planets that appear in the night sky are included in the list.

The times of Stars and Planets (except Mercury and Venus) are the “**The Mean Solar Transit Times**”. The Stars and Planets that are at Transit will be at its highest altitude, and appear directly to the north or south.

Solar Time = GMT + (Longitude / 15). The difference between **Solar Time and Local Time** does not exceed **1 hour** for most countries.

All times are obtained for **Point Zero** (at: 0 Latitude 0 Longitude). However, the Solar Transit Times for Stars and Planets in Point Zero are equal to the Solar Transit Times of these Stars and Planets at any other point on earth with a margin of error that does not exceed **5 minutes**.

Also, the rise and set of the Sun, Moon, Mercury and Venus are also in “Solar Time”. But, the margin of error for the **Solar Rise & Set Times** for the Sun (and other Objects) in Point Zero and other points on earth will be higher depending on the latitude of these points (for areas between 30N to 30S: the margin of error is about 1 hour). Therefore, the rise and set times in this calendar should be taken as **indicators**.

New And Full Moon Times are in **GMT**. Time is formatted as “hh:mm”. **MB** (Moon Beta): Geocentric Ecliptic Latitude of the Moon, which varies between: -5.27 to +5.27 degrees.

MAg: The Moon Angular Diameter, which varies between 0.49 to 0.557 degrees (avrg 0.523).

SAG: The Sun Angular Diameter, which varies between 0.5244 to 0.5422 degrees. (avrg 0.533).

Hijri Months: Mhr (Muharram), **Sfr**(Safar), **Rb1**(Rabi Awal), **Rb2** (Rabi Thani), **Jm1** (Jumada Awal), **Jm2** (Jumada Thani), **Rjb** (Rajab), **Shn** (Shaban), **Rmd** (Ramadan), **Shl** (Shawwal), **Qdh** (Zul Qadah), **Hjh** (Zul Hijjah).

Hijri Months are obtained using "**The Rule of 29**", which says that the New Moon occurs at the 29th day of the Hijri month. The results of this rule agree with 92% of Yallop criteria, and 91% of SAAO criteria (the most two recognized criteria for crescent sighting).

For more info: "The Rule of 29" at www.omr-mhmd.yolasite.com

Cross off weeks that have passed with a highlighter, so that the Calendar will be easier to follow.

Compiled by: Omar Abur-Robb - 2019.

#	Constellation, Star Name, Brightness Rank, اسم النجم, الكوكبة
CM	Canis Majoris, Sirius , 1, الكلب الأكبر, الشعرى اليمانية
Hy	Hydrae, Hydrae Epsilon , 252, الشجاع, إبسلون الشجاع
Leo	Leonis, Algieba , 49, الأسد, الجبهة
GCen	Centauri, Muhlifain , 64, قنطور, جاما القنطور
RCen	Centauri, Rigil Kentaurus , 3, قنطور, رجل القنطور
Sco	Scorpii, Antares , 15, العقرب, قلب العقرب
Ly	Lyrae, Vega , 5, القيثارة, النسر الواقع
Cy	Cygni, Deneb , 19, الدجاجة, الذنب
Pi	Piscis Austrini, Fomalhaut , 18, الحوت الجنوبي, فم الحوت
Cas	Cassiopeiae, Schedar , 71, ذات الكرسي/الناقة, الصدر
Cet	Ceti, Kaffaljdhma , 277, قيطس, جاما قيطس
Tau	Tauri, Aldebaran , 14, الثور, الدبران/عين الثور

Mrc: Mercury, **Vns**: Venus, Mars, **Jup**: Jupiter, **Sat**: Saturn, **Ura**: Uranus, **Nep**: Neptune, **Plu**: Pluto.

#	Sat's	Details
W1	Sat 2028 Dec 30	Transit: Cet 20:05, Tau 21:58, CM 00:10, Hy 02:12 ** Mars 05:37, Strn 19:29, Ura 22:00 At Point Zero/RISE SET: Sun 05:59 18:06, Moon 17:09 04:40, Mrc 07:20 19:23, Vns 04:29 16:32, Mars 23:32 11:38, Jup 00:52 12:55, Strn 13:28 01:34, Ura 15:59 04:06, Nep 11:40 23:43, Plu 08:03 20:06 ** MoonPhase 98.30% ** Mrc Sets 01:17 After Sunset. ** Vns Rises 01:29 Before Sunrise. *** Full Moon: 2028-12-31 Sun 16:48 GMT, MB 0.33, MAg 0.53, SAg 0.54 \$** Total Lunar eclipse around Longitude 108:00:00 E
W2	Sat 2029 Jan 6	Transit: Tau 21:30, CM 23:38, Hy 01:44, Leo 03:17 ** Mars 05:19, Strn 19:02, Ura 21:32 At Point Zero/RISE SET: Sun 06:02 18:09, Moon 23:18 10:52, Mrc 07:13 19:16, Vns 04:39 16:42, Mars 23:14 11:20, Jup 00:28 12:30, Strn 13:00 01:07, Ura 15:30 03:37, Nep 11:13 23:15, Plu 07:37 19:40 ** MoonPhase 62.08% ** Mrc Sets 01:06 After Sunset. ** Vns Rises 01:22 Before Sunrise.
W3	Sat 2029 Jan 13	Transit: Tau 21:03, CM 23:11, Hy 01:17, Leo 02:50 ** Mars 05:00, Jup 06:04, Strn 18:34, Ura 21:03 At Point Zero/RISE SET: Sun 06:05 18:12, Moon 04:50 17:16, Mrc 06:32 18:34, Vns 04:49 16:52, Mars 22:55 11:01, Jup 00:03 12:05, Strn 12:33 00:39, Ura 15:02 03:09, Nep 10:46 22:48, Plu 07:10 19:13 ** MoonPhase 1.64% ** Mrc Sets 00:22 After Sunset. ** Vns Rises 01:15 Before Sunrise. *** New Moon: 2029-01-14 Sun 17:24 GMT, MB 0.98, MAg 0.51, SAg 0.54 \$** Partial Solar eclipse around Longitude 81:00:00 W north the Equator *** New Hijri Month: 01-Rmd at Tue 2029-01-16
W4	Sat 2029 Jan 20	Transit: Tau 20:35, CM 22:43, Hy 00:49, Leo 02:22 ** Mars 04:40, Jup 05:39, Ura 20:35 At Point Zero/RISE SET: Sun 06:07 18:14, Moon 10:08 22:28, Mrc 05:28 17:30, Vns 05:00 17:03, Mars 22:35 10:41, Jup 23:33 11:40, Strn 12:06 00:12, Ura 14:33 02:40, Nep 10:19 22:21, Plu 06:43 18:46 ** MoonPhase 28.76% ** Mrc Rises 00:39 Before Sunrise. ** Vns Rises 01:07 Before Sunrise.
W5	Sat 2029 Jan 27	Transit: Tau 20:08, CM 22:16, Hy 00:22, Leo 01:55 ** Mars 04:18, Jup 05:13, Ura 20:07 At Point Zero/RISE SET: Sun 06:09 18:16, Moon 15:50 03:21, Mrc 04:42 16:45, Vns 05:10 17:13, Mars 22:13 10:20, Jup 23:07 11:14, Strn 11:39 23:42, Ura 14:05 02:12, Nep 09:52 21:54, Plu 06:17 18:20 ** MoonPhase 90.63% ** Mrc Rises 01:26 Before Sunrise. ** Vns Rises 00:58 Before Sunrise. *** Full Moon: 2029-01-30 Tue 06:03 GMT, MB -2.35, MAg 0.54, SAg 0.54
W6	Sat 2029 Feb 3	Transit: CM 21:48, Hy 23:50, Leo 01:27, GCen 03:49 ** Mars 03:55, Jup 04:46, Ura 19:39 At Point Zero/RISE SET: Sun 06:10 18:17, Moon 22:05 09:38, Mrc 04:24 16:27, Vns 05:20 17:23, Mars 21:50 09:56, Jup 22:41 10:47, Strn 11:13 23:15, Ura 13:37 01:44, Nep 09:25 21:27, Plu 05:50 17:53 ** MoonPhase 76.44% ** Mrc Rises 01:45 Before Sunrise. ** Vns Rises 00:50 Before Sunrise.
W7	Sat 2029 Feb 10	Transit: CM 21:21, Hy 23:23, Leo 01:00, GCen 03:21 ** Mars 03:30, Jup 04:19, Ura 19:11 At Point Zero/RISE SET: Sun 06:10 18:17, Moon 03:38 16:03, Mrc 04:23 16:26, Vns 05:28 17:31, Mars 21:25 09:31, Jup 22:14 10:20, Strn 10:47 22:49, Ura 13:09 01:16, Nep 08:58 21:00, Plu 05:24 17:26 ** MoonPhase 8.44% ** Mrc Rises 01:46 Before Sunrise. ** Vns Rises 00:41 Before Sunrise. *** New Moon: 2029-02-13 Tue 10:31 GMT, MB 3.41, MAg 0.5, SAg 0.54 *** New Hijri Month: 01-Shl at Thu 2029-02-15

W8	Sat 2029 Feb 17	Transit: CM 20:53, Hy 22:55, Leo 00:32, GCen 02:54 ** Mars 03:03, Jup 03:51, Ura 18:43 At Point Zero/RISE SET: Sun 06:10 18:17, Moon 08:46 21:06, Mrc 04:31 16:34, Vns 05:36 17:39, Mars 20:58 09:04, Jup 21:46 09:52, Strn 10:21 22:24, Ura 12:42 00:49, Nep 08:31 20:34, Plu 04:57 17:00 ** MoonPhase 14.45% ** Mrc Rises 01:39 Before Sunrise. ** Vns Rises 00:34 Before Sunrise.
W9	Sat 2029 Feb 24	Transit: CM 20:26, Hy 22:28, Leo 00:04, GCen 02:26 ** Mars 02:33, Jup 03:23 At Point Zero/RISE SET: Sun 06:09 18:16, Moon 14:31 02:02, Mrc 04:43 16:46, Vns 05:43 17:46, Mars 20:28 08:35, Jup 21:17 09:24, Strn 09:56 21:58, Ura 12:14 00:21, Nep 08:04 20:07, Plu 04:30 16:33 ** MoonPhase 77.84% ** Mrc Rises 01:26 Before Sunrise. ** Vns Rises 00:26 Before Sunrise. *** Full Moon: 2029-02-28 Wed 17:10 GMT, MB -4.33, MAg 0.55, SAg 0.54
W10	Sat 2029 Mar 3	Transit: Hy 22:00, Leo 23:33, GCen 01:59, RCen 03:57 ** Mars 02:02, Jup 02:54 At Point Zero/RISE SET: Sun 06:08 18:15, Moon 20:49 08:20, Mrc 04:58 17:01, Vns 05:49 17:51, Mars 19:56 08:03, Jup 20:49 08:55, Strn 09:30 21:33, Ura 11:47 23:50, Nep 07:38 19:40, Plu 04:04 16:07 ** MoonPhase 88.68% ** Mrc Rises 01:10 Before Sunrise. ** Vns Rises 00:19 Before Sunrise.
W11	Sat 2029 Mar 10	Transit: Hy 21:33, Leo 23:05, GCen 01:31, RCen 03:29 ** Mars 01:27, Jup 02:24 At Point Zero/RISE SET: Sun 06:06 18:13, Moon 02:26 14:50, Mrc 05:14 17:17, Vns 05:54 17:57, Mars 19:22 07:29, Jup 20:19 08:26, Strn 09:05 21:08, Ura 11:20 23:23, Nep 07:11 19:14, Plu 03:37 15:40 ** MoonPhase 19.38% ** Mrc Rises 00:51 Before Sunrise. ** Vns Rises 00:12 Before Sunrise. *** New Moon: 2029-03-15 Thu 04:19 GMT, MB 4.83, MAg 0.49, SAg 0.54 *** New Hijri Month: 01-Qdh at Fri 2029-03-16
W12	Sat 2029 Mar 17	Transit: Hy 21:05, Leo 22:38, GCen 01:04, RCen 03:02 ** Mars 00:51, Jup 01:55 At Point Zero/RISE SET: Sun 06:05 18:11, Moon 07:26 19:47, Mrc 05:33 17:35, Vns 05:59 18:01, Mars 18:46 06:53, Jup 19:49 07:56, Strn 08:41 20:43, Ura 10:53 22:56, Nep 06:45 18:47, Plu 03:10 15:13 ** MoonPhase 4.78% ** Mrc Rises 00:31 Before Sunrise. ** Vns Rises 00:05 Before Sunrise.
W13	Sat 2029 Mar 24	Transit: Hy 20:38, Leo 22:10, GCen 00:36, RCen 02:34 ** Mars 00:14, Jup 01:24 At Point Zero/RISE SET: Sun 06:02 18:09, Moon 13:13 00:45, Mrc 05:53 17:56, Vns 06:03 18:05, Mars 18:09 06:15, Jup 19:19 07:26, Strn 08:16 20:19, Ura 10:26 22:29, Nep 06:18 18:21, Plu 02:43 14:46 ** MoonPhase 62.29% ** Mrc Rises 00:09 Before Sunrise. *** Full Moon: 2029-03-30 Fri 02:26 GMT, MB -5.03, MAg 0.56, SAg 0.53
W14	Sat 2029 Mar 31	Transit: Hy 20:10, Leo 21:43, GCen 00:09, RCen 02:07 ** Mars 23:32, Jup 00:54 At Point Zero/RISE SET: Sun 06:00 18:07, Moon 19:30 07:00, Mrc 06:16 18:19, Vns 06:07 18:10, Mars 17:31 05:38, Jup 18:48 06:55, Strn 07:52 19:54, Ura 10:00 22:03, Nep 05:51 17:54, Plu 02:16 14:19 ** MoonPhase 96.98% ** Mrc Sets 00:11 After Sunset. ** Vns Sets 00:02 After Sunset.
W15	Sat 2029 Apr 7	Transit: Leo 21:15, GCen 23:37, RCen 01:39, Sco 03:28 ** Mars 22:55, Jup 00:23 At Point Zero/RISE SET: Sun 05:58 18:05, Moon 01:12 13:35, Mrc 06:40 18:42, Vns 06:11 18:14, Mars 16:54 05:00, Jup 18:18 06:24, Strn 07:27 19:30, Ura 09:33 21:36, Nep 05:25 17:27, Plu 01:49 13:52 ** MoonPhase 33.33% ** Mrc Sets 00:37 After Sunset. ** Vns Sets 00:09 After Sunset. *** New Moon: 2029-04-13 Fri 21:40 GMT, MB 4.82, MAg 0.49, SAg 0.53
W16	Sat 2029 Apr 14	Transit: Leo 20:48, GCen 23:10, RCen 01:12, Sco 03:00 ** Mars 22:19, Jup 23:48 At Point Zero/RISE SET: Sun 05:56 18:03, Moon 06:08 18:29, Mrc 06:59 19:02, Vns 06:16 18:19, Mars 16:18 04:24, Jup 17:47 05:53, Strn 07:03 19:06, Ura 09:07 21:10, Nep 04:58 17:01, Plu 01:22 13:25 ** MoonPhase 0.32% ** Mrc Sets 00:58 After Sunset. ** Vns Sets 00:15 After Sunset. *** New Hijri Month: 01-Hjh at Sun 2029-04-15

W17	Sat 2029 Apr 21	Transit: Leo 20:20, GCen 22:42, RCen 00:44, Sco 02:32 ** Mars 21:45, Jup 23:17 At Point Zero/RISE SET: Sun 05:55 18:02, Moon 11:58 \$, Mrc 07:08 19:11, Vns 06:22 18:24, Mars 15:44 03:51, Jup 17:16 05:22, Strn 06:39 18:42, Ura 08:41 20:44, Nep 04:32 16:34, Plu 00:55 12:58 ** MoonPhase 46.47% ** Mrc Sets 01:09 After Sunset. ** Vns Sets 00:22 After Sunset.
W18	Sat 2029 Apr 28	Transit: Leo 19:53, GCen 22:14, RCen 00:17, Sco 02:05 ** Mars 21:14, Jup 22:47 At Point Zero/RISE SET: Sun 05:54 18:00, Moon 18:10 05:39, Mrc 07:00 19:03, Vns 06:28 18:30, Mars 15:12 03:19, Jup 16:45 04:52, Strn 06:15 18:18, Ura 08:15 20:18, Nep 04:05 16:08, Plu 00:28 12:31 ** MoonPhase 99.99% ** Mrc Sets 01:02 After Sunset. ** Vns Sets 00:29 After Sunset. *** Full Moon: 2029-04-28 Sat 10:36 GMT, MB -4.31, MAg 0.55, SAg 0.53
W19	Sat 2029 May 5	Transit: GCen 21:47, RCen 23:45, Sco 01:37, Ly 03:44 ** Mars 20:44, Jup 22:16 At Point Zero/RISE SET: Sun 05:53 18:00, Moon \$ 12:16, Mrc 06:35 18:38, Vns 06:35 18:37, Mars 14:43 02:50, Jup 16:15 04:21, Strn 05:51 17:54, Ura 07:49 19:52, Nep 03:38 15:41, Plu 00:00 12:03 ** MoonPhase 49.12% ** Mrc Sets 00:38 After Sunset. ** Vns Sets 00:37 After Sunset.
W20	Sat 2029 May 12	Transit: GCen 21:19, RCen 23:18, Sco 01:10, Ly 03:17 ** Mars 20:17, Jup 21:46, Plu 05:34 At Point Zero/RISE SET: Sun 05:52 17:59, Moon 04:50 17:12, Mrc 05:57 17:59, Vns 06:42 18:45, Mars 14:16 02:23, Jup 15:45 03:51, Strn 05:27 17:30, Ura 07:23 19:26, Nep 03:12 15:14, Plu 23:29 11:36 ** MoonPhase 1.07% ** Vns Sets 00:45 After Sunset. *** New Moon: 2029-05-13 Sun 13:41 GMT, MB 3.45, MAg 0.5, SAg 0.53 *** New Hijri Month: 01-Mhr at Tue 2029-05-15
W21	Sat 2029 May 19	Transit: GCen 20:52, RCen 22:50, Sco 00:42, Ly 02:49 ** Mars 19:52, Jup 21:16, Plu 05:07 At Point Zero/RISE SET: Sun 05:53 18:00, Moon 10:45 23:09, Mrc 05:16 17:18, Vns 06:51 18:54, Mars 13:51 01:58, Jup 15:15 03:21, Strn 05:03 17:06, Ura 06:57 19:00, Nep 02:45 14:47, Plu 23:01 11:08 ** MoonPhase 31.98% ** Mrc Rises 00:36 Before Sunrise. ** Vns Sets 00:54 After Sunset.
W22	Sat 2029 May 26	Transit: GCen 20:24, RCen 22:23, Sco 00:15, Ly 02:22 ** Mars 19:29, Jup 20:47, Plu 04:39 At Point Zero/RISE SET: Sun 05:53 18:00, Moon 16:52 04:20, Mrc 04:43 16:46, Vns 07:01 19:04, Mars 13:28 01:35, Jup 14:46 02:52, Strn 04:39 16:42, Ura 06:31 18:34, Nep 02:18 14:21, Plu 22:34 10:41 ** MoonPhase 97.65% ** Mrc Rises 01:09 Before Sunrise. ** Vns Sets 01:03 After Sunset. *** Full Moon: 2029-05-27 Sun 18:37 GMT, MB -2.44, MAg 0.55, SAg 0.53
W23	Sat 2029 Jun 2	Transit: RCen 21:55, Sco 23:43, Ly 01:54, Cy 03:58 ** Mars 19:08, Jup 20:18, Plu 04:11 At Point Zero/RISE SET: Sun 05:54 18:01, Moon 23:17 10:54, Mrc 04:24 16:26, Vns 07:10 19:13, Mars 13:07 01:13, Jup 14:17 02:23, Strn 04:15 16:18, Ura 06:06 18:09, Nep 01:51 13:54, Plu 22:06 10:13 ** MoonPhase 65.19% ** Mrc Rises 01:30 Before Sunrise. ** Vns Sets 01:12 After Sunset.
W24	Sat 2029 Jun 9	Transit: RCen 21:28, Sco 23:16, Ly 01:27, Cy 03:30 ** Mars 18:48, Jup 19:50, Plu 03:44 At Point Zero/RISE SET: Sun 05:55 18:03, Moon 03:32 15:55, Mrc 04:17 16:20, Vns 07:20 19:23, Mars 12:47 00:53, Jup 13:49 01:55, Strn 03:51 15:53, Ura 05:40 17:43, Nep 01:24 13:27, Plu 21:38 09:45 ** MoonPhase 6.78% ** Mrc Rises 01:38 Before Sunrise. ** Vns Sets 01:20 After Sunset. *** New Moon: 2029-06-12 Tue 03:50 GMT, MB 1.18, MAg 0.51, SAg 0.53 \$** Partial Solar eclipse around Longitude 122:30:00 E north the Equator *** New Hijri Month: 01-Sfr at Wed 2029-06-13

W25	Sat 2029 Jun 16	Transit: RCen 21:00, Sco 22:48, Ly 00:59, Cy 03:03 ** Mars 18:30, Jup 19:22, Plu 03:16 At Point Zero/RISE SET: Sun 05:57 18:04, Moon 09:33 21:56, Mrc 04:22 16:25, Vns 07:30 19:33, Mars 12:28 00:35, Jup 13:21 01:28, Strn 03:26 15:29, Ura 05:14 17:17, Nep 00:57 13:00, Plu 21:10 09:17 ** MoonPhase 19.53% ** Mrc Rises 01:34 Before Sunrise. ** Vns Sets 01:28 After Sunset.
W26	Sat 2029 Jun 23	Transit: RCen 20:33, Sco 22:21, Ly 00:32, Cy 02:35 ** Mars 18:12, Jup 18:55, Plu 02:48 At Point Zero/RISE SET: Sun 05:58 18:05, Moon 15:38 03:06, Mrc 04:39 16:41, Vns 07:39 19:42, Mars 12:11 00:17, Jup 12:54 01:00, Strn 03:02 15:05, Ura 04:48 16:51, Nep 00:30 12:32, Plu 20:42 08:49 ** MoonPhase 90.91% ** Mrc Rises 01:19 Before Sunrise. ** Vns Sets 01:36 After Sunset. *** Full Moon: 2029-06-26 Tue 03:22 GMT, MB 0.02, MAg 0.53, SAg 0.52 \$** Total Lunar eclipse around Longitude 50:30:00 W
W27	Sat 2029 Jun 30	Transit: RCen 20:05, Sco 21:53, Ly 00:04, Cy 02:08 ** Jup 18:29, Plu 02:20 At Point Zero/RISE SET: Sun 06:00 18:07, Moon 21:53 09:31, Mrc 05:07 17:10, Vns 07:47 19:50, Mars 11:54 00:01, Jup 12:27 00:34, Strn 02:37 14:40, Ura 04:23 16:25, Nep 00:03 12:05, Plu 20:14 08:21 ** MoonPhase 79.70% ** Mrc Rises 00:52 Before Sunrise. ** Vns Sets 01:43 After Sunset.
W28	Sat 2029 Jul 7	Transit: Sco 21:26, Ly 23:33, Cy 01:40, Pic 03:57 ** Nep 05:36, Plu 01:52 At Point Zero/RISE SET: Sun 06:01 18:08, Moon 02:13 14:37, Mrc 05:44 17:47, Vns 07:54 19:57, Mars 11:39 23:41, Jup 12:01 00:08, Strn 02:12 14:15, Ura 03:57 16:00, Nep 23:31 11:38, Plu 19:46 07:53 ** MoonPhase 17.00% ** Mrc Rises 00:16 Before Sunrise. ** Vns Sets 01:49 After Sunset. *** New Moon: 2029-07-11 Wed 15:50 GMT, MB -1.35, MAg 0.52, SAg 0.52 \$** Partial Solar eclipse around Longitude 57:30:00 W south the Equator *** New Hijri Month: 01-Rb1 at Fri 2029-07-13
W29	Sat 2029 Jul 14	Transit: Sco 20:58, Ly 23:05, Cy 01:13, Pic 03:30 ** Nep 05:09, Plu 01:24 At Point Zero/RISE SET: Sun 06:02 18:09, Moon 08:18 20:42, Mrc 06:22 18:25, Vns 08:01 20:03, Mars 11:24 23:26, Jup 11:36 23:38, Strn 01:47 13:50, Ura 03:31 15:34, Nep 23:04 11:10, Plu 19:18 07:25 ** MoonPhase 9.55% ** Mrc Sets 00:15 After Sunset. ** Vns Sets 01:54 After Sunset.
W30	Sat 2029 Jul 21	Transit: Sco 20:31, Ly 22:38, Cy 00:45, Pic 03:02 ** Nep 04:41, Plu 00:55 At Point Zero/RISE SET: Sun 06:02 18:09, Moon 14:28 01:57, Mrc 06:52 18:55, Vns 08:06 20:08, Mars 11:10 23:12, Jup 11:11 23:13, Strn 01:22 13:25, Ura 03:05 15:08, Nep 22:36 10:43, Plu 18:50 06:57 ** MoonPhase 81.00% ** Mrc Sets 00:45 After Sunset. ** Vns Sets 01:58 After Sunset. *** Full Moon: 2029-07-25 Wed 13:35 GMT, MB 2.45, MAg 0.52, SAg 0.52
W31	Sat 2029 Jul 28	Transit: Sco 20:03, Ly 22:10, Cy 00:18, Pic 02:35 ** Nep 04:14, Plu 00:27 At Point Zero/RISE SET: Sun 06:02 18:09, Moon 20:30 08:08, Mrc 07:15 19:18, Vns 08:10 20:12, Mars 10:56 22:59, Jup 10:46 22:48, Strn 00:57 12:59, Ura 02:39 14:41, Nep 22:09 10:15, Plu 18:22 06:29 ** MoonPhase 91.00% ** Mrc Sets 01:08 After Sunset. ** Vns Sets 02:03 After Sunset.
W32	Sat 2029 Aug 4	Transit: Ly 21:43, Cy 23:46, Pic 02:07, Cas 03:50 ** Nep 03:46, Plu 23:55 At Point Zero/RISE SET: Sun 06:02 18:09, Moon 00:54 13:18, Mrc 07:29 19:32, Vns 08:13 20:16, Mars 10:44 22:47, Jup 10:22 22:24, Strn 00:31 12:34, Ura 02:12 14:15, Nep 21:41 09:47, Plu 17:54 06:00 ** MoonPhase 30.86% ** Mrc Sets 01:22 After Sunset. ** Vns Sets 02:06 After Sunset. *** New Moon: 2029-08-10 Fri 01:55 GMT, MB -3.53, MAg 0.53, SAg 0.53

W33	Sat 2029 Aug 11	Transit: Ly 21:15, Cy 23:19, Pic 01:40, Cas 03:23 ** Nep 03:18, Plu 23:27 At Point Zero/RISE SET: Sun 06:01 18:08, Moon 07:01 19:25, Mrc 07:37 19:39, Vns 08:16 20:18, Mars 10:32 22:35, Jup 09:58 22:00, Strn 00:05 12:08, Ura 01:46 13:49, Nep 21:13 09:19, Plu 17:25 05:32 ** MoonPhase 2.69% ** Mrc Sets 01:31 After Sunset. ** Vns Sets 02:10 After Sunset. *** New Hijri Month: 01-Rb2 at Sat 2029-08-11
W34	Sat 2029 Aug 18	Transit: Ly 20:48, Cy 22:51, Pic 01:12, Cas 02:55 ** Strn 05:40, Nep 02:50, Plu 22:59 At Point Zero/RISE SET: Sun 06:00 18:07, Moon 13:22 00:51, Mrc 07:38 19:40, Vns 08:18 20:21, Mars 10:21 22:23, Jup 09:34 21:37, Strn 23:35 11:41, Ura 01:19 13:22, Nep 20:45 08:52, Plu 16:57 05:04 ** MoonPhase 68.82% ** Mrc Sets 01:33 After Sunset. ** Vns Sets 02:14 After Sunset. *** Full Moon: 2029-08-24 Fri 01:51 GMT, MB 4.28, MAg 0.51, SAg 0.53
W35	Sat 2029 Aug 25	Transit: Ly 20:20, Cy 22:24, Pic 00:45, Cas 02:28 ** Strn 05:13, Nep 02:22, Plu 22:31 At Point Zero/RISE SET: Sun 05:58 18:05, Moon 19:08 06:46, Mrc 07:30 19:33, Vns 08:20 20:23, Mars 10:10 22:13, Jup 09:11 21:13, Strn 23:08 11:15, Ura 00:53 12:56, Nep 20:17 08:23, Plu 16:29 04:36 ** MoonPhase 97.97% ** Mrc Sets 01:28 After Sunset. ** Vns Sets 02:17 After Sunset.
W36	Sat 2029 Sep 1	Transit: Cy 21:56, Pic 00:17, Cas 02:00, Cet 04:02 ** Strn 04:46, Nep 01:54, Plu 22:02 At Point Zero/RISE SET: Sun 05:56 18:03, Moon \$ 12:00, Mrc 07:12 19:15, Vns 08:22 20:25, Mars 10:00 22:03, Jup 08:48 20:50, Strn 22:41 10:47, Ura 00:26 12:29, Nep 19:49 07:55, Plu 16:01 04:08 ** MoonPhase 46.94% ** Mrc Sets 01:12 After Sunset. ** Vns Sets 02:21 After Sunset.
W37	Sat 2029 Sep 8	Transit: Cy 21:29, Pic 23:46, Cas 01:33, Cet 03:34 ** Strn 04:19, Nep 01:26, Plu 21:34 At Point Zero/RISE SET: Sun 05:54 18:00, Moon 05:40 18:04, Mrc 06:39 18:41, Vns 08:24 20:27, Mars 09:51 21:54, Jup 08:25 20:28, Strn 22:13 10:20, Ura 23:55 12:02, Nep 19:21 07:27, Plu 15:33 03:40 ** MoonPhase 0.00% ** Mrc Sets 00:41 After Sunset. ** Vns Sets 02:26 After Sunset. *** New Moon: 2029-09-08 Sat 10:44 GMT, MB -4.83, MAg 0.55, SAg 0.53 *** New Hijri Month: 01-Jm1 at Sun 2029-09-09
W38	Sat 2029 Sep 15	Transit: Cy 21:01, Pic 23:18, Cas 01:05, Cet 03:07 ** Strn 03:51, Ura 05:33, Nep 00:58, Plu 21:06 At Point Zero/RISE SET: Sun 05:51 17:58, Moon 12:15 \$, Mrc 05:51 17:53, Vns 08:27 20:29, Mars 09:42 21:45, Jup 08:03 20:05, Strn 21:46 09:52, Ura 23:28 11:35, Nep 18:53 06:59, Plu 15:05 03:12 ** MoonPhase 54.87% ** Mrc Rises 00:00 Before Sunrise. ** Vns Sets 02:31 After Sunset.
W39	Sat 2029 Sep 22	Transit: Cy 20:34, Pic 22:51, Cas 00:38, Cet 02:39 ** Strn 03:23, Ura 05:06, Nep 00:30, Plu 20:38 At Point Zero/RISE SET: Sun 05:49 17:55, Moon 17:47 05:25, Mrc 05:04 17:07, Vns 08:30 20:32, Mars 09:34 21:37, Jup 07:40 19:43, Strn 21:17 09:24, Ura 23:00 11:07, Nep 18:24 06:31, Plu 14:37 02:44 ** MoonPhase 99.97% ** Mrc Rises 00:44 Before Sunrise. ** Vns Sets 02:36 After Sunset. *** Full Moon: 2029-09-22 Sat 16:29 GMT, MB 5, MAg 0.5, SAg 0.53
W40	Sat 2029 Sep 29	Transit: Cy 20:06, Pic 22:23, Cas 00:10, Cet 02:12 ** Strn 02:54, Ura 04:38, Nep 00:01, Plu 20:11 At Point Zero/RISE SET: Sun 05:46 17:53, Moon 23:10 10:44, Mrc 04:42 16:44, Vns 08:33 20:36, Mars 09:27 21:30, Jup 07:18 19:21, Strn 20:49 08:56, Ura 22:33 10:40, Nep 17:56 06:03, Plu 14:09 02:16 ** MoonPhase 63.35% ** Mrc Rises 01:04 Before Sunrise. ** Vns Sets 02:42 After Sunset.

W41	Sat 2029 Oct 6	Transit: Pic 21:56, Cas 23:39, Cet 01:44, Tau 03:37 ** Strn 02:25, Ura 04:10, Nep 23:29, Plu 19:43 At Point Zero/RISE SET: Sun 05:44 17:51, Moon 04:16 16:41, Mrc 04:44 16:46, Vns 08:37 20:40, Mars 09:20 21:23, Jup 06:56 18:59, Strn 20:20 08:27, Ura 22:05 10:12, Nep 17:28 05:34, Plu 13:41 01:48 ** MoonPhase 2.56% ** Mrc Rises 01:00 Before Sunrise. ** Vns Sets 02:48 After Sunset. *** New Moon: 2029-10-07 Sun 19:14 GMT, MB -4.86, MAg 0.56, SAg 0.53 *** New Hijri Month: 01-Jm2 at Tue 2029-10-09
W42	Sat 2029 Oct 13	Transit: Pic 21:28, Cas 23:11, Cet 01:16, Tau 03:09 ** Strn 01:56, Ura 03:43, Nep 23:01, Plu 19:15 At Point Zero/RISE SET: Sun 05:42 17:49, Moon 11:05 23:32, Mrc 04:57 17:00, Vns 08:41 20:44, Mars 09:14 21:17, Jup 06:34 18:37, Strn 19:51 07:58, Ura 21:37 09:44, Nep 17:00 05:06, Plu 13:14 01:21 ** MoonPhase 39.62% ** Mrc Rises 00:45 Before Sunrise. ** Vns Sets 02:54 After Sunset.
W43	Sat 2029 Oct 20	Transit: Pic 21:01, Cas 22:44, Cet 00:49, Tau 02:42 ** Strn 01:27, Ura 03:15, Nep 22:33, Plu 18:48 At Point Zero/RISE SET: Sun 05:41 17:48, Moon 16:27 04:05, Mrc 05:13 17:16, Vns 08:45 20:48, Mars 09:09 21:12, Jup 06:13 18:15, Strn 19:22 07:28, Ura 21:09 09:16, Nep 16:32 04:38, Plu 12:46 00:53 ** MoonPhase 96.76% ** Mrc Rises 00:27 Before Sunrise. ** Vns Sets 03:00 After Sunset. *** Full Moon: 2029-10-22 Mon 09:27 GMT, MB 4.33, MAg 0.49, SAg 0.54
W44	Sat 2029 Oct 27	Transit: Pic 20:33, Cas 22:16, Cet 00:21, Tau 02:14 ** Strn 00:58, Ura 02:46, Nep 22:05, Plu 18:20 At Point Zero/RISE SET: Sun 05:40 17:47, Moon 21:56 09:30, Mrc 05:29 17:32, Vns 08:49 20:52, Mars 09:04 21:07, Jup 05:51 17:54, Strn 18:52 06:59, Ura 20:41 08:48, Nep 16:03 04:10, Plu 12:19 00:25 ** MoonPhase 78.21% ** Mrc Rises 00:10 Before Sunrise. ** Vns Sets 03:05 After Sunset.
W45	Sat 2029 Nov 3	Transit: Cas 21:48, Cet 23:50, Tau 01:47, CM 03:55 ** Strn 00:28, Ura 02:18, Nep 21:36, Plu 17:53 At Point Zero/RISE SET: Sun 05:40 17:47, Moon 02:53 15:18, Mrc 05:45 17:48, Vns 08:52 20:55, Mars 08:59 21:02, Jup 05:29 17:32, Strn 18:23 06:29, Ura 20:12 08:19, Nep 15:35 03:42, Plu 11:51 23:54 ** MoonPhase 10.62% ** Mrc Sets 00:01 After Sunset. ** Vns Sets 03:08 After Sunset. *** New Moon: 2029-11-06 Tue 04:23 GMT, MB -3.51, MAg 0.56, SAg 0.54 *** New Hijri Month: 01-Rjb at Wed 2029-11-07
W46	Sat 2029 Nov 10	Transit: Cas 21:21, Cet 23:22, Tau 01:19, CM 03:28 ** Strn 23:54, Ura 01:49, Nep 21:08 At Point Zero/RISE SET: Sun 05:40 17:47, Moon 09:50 22:16, Mrc 06:01 18:04, Vns 08:53 20:56, Mars 08:55 20:58, Jup 05:08 17:10, Strn 17:53 05:59, Ura 19:44 07:51, Nep 15:07 03:14, Plu 11:24 23:27 ** MoonPhase 24.26% ** Mrc Sets 00:17 After Sunset. ** Vns Sets 03:09 After Sunset.
W47	Sat 2029 Nov 17	Transit: Cas 20:53, Cet 22:55, Tau 00:52, CM 03:00 ** Strn 23:24, Ura 01:21, Nep 20:40 At Point Zero/RISE SET: Sun 05:41 17:48, Moon 15:08 02:46, Mrc 06:18 18:21, Vns 08:52 20:55, Mars 08:50 20:53, Jup 04:46 16:49, Strn 17:23 05:30, Ura 19:15 07:22, Nep 14:39 02:46, Plu 10:57 23:00 ** MoonPhase 88.39% ** Mrc Sets 00:32 After Sunset. ** Vns Sets 03:06 After Sunset. *** Full Moon: 2029-11-21 Wed 04:02 GMT, MB 2.34, MAg 0.49, SAg 0.54

W48	Sat 2029 Nov 24	Transit: Cas 20:26, Cet 22:27, Tau 00:24, CM 02:32 ** Strn 22:55, Ura 00:52, Nep 20:13 At Point Zero/RISE SET: Sun 05:43 17:50, Moon 20:43 08:17, Mrc 06:36 18:39, Vns 08:48 20:51, Mars 08:46 20:49, Jup 04:25 16:27, Strn 16:53 05:00, Ura 18:47 06:54, Nep 14:11 02:18, Plu 10:30 22:32 ** MoonPhase 90.03% ** Mrc Sets 00:48 After Sunset. ** Vns Sets 03:00 After Sunset.
W49	Sat 2029 Dec 1	Transit: Cet 22:00, Tau 23:53, CM 02:05, Hy 04:07 ** Strn 22:25, Ura 00:23, Nep 19:45 At Point Zero/RISE SET: Sun 05:45 17:52, Moon 01:33 13:58, Mrc 06:54 18:57, Vns 08:38 20:41, Mars 08:42 20:45, Jup 04:03 16:06, Strn 16:24 04:30, Ura 18:18 06:25, Nep 13:43 01:50, Plu 10:02 22:05 ** MoonPhase 23.03% ** Mrc Sets 01:04 After Sunset. ** Vns Sets 02:49 After Sunset. *** New Moon: 2029-12-05 Wed 14:51 GMT, MB -1.09, MAg 0.55, SAg 0.54 \$** Partial Solar eclipse around Longitude 42:45:00 W south the Equator *** New Hijri Month: 01-Shn at Fri 2029-12-07
W50	Sat 2029 Dec 8	Transit: Cet 21:32, Tau 23:25, CM 01:37, Hy 03:39 ** Strn 21:55, Ura 23:51, Nep 19:17 At Point Zero/RISE SET: Sun 05:48 17:55, Moon 08:30 20:56, Mrc 07:10 19:13, Vns 08:24 20:27, Mars 08:37 20:40, Jup 03:41 15:44, Strn 15:54 04:01, Ura 17:49 05:56, Nep 13:16 01:22, Plu 09:36 21:39 ** MoonPhase 11.04% ** Mrc Sets 01:17 After Sunset. ** Vns Sets 02:31 After Sunset.
W51	Sat 2029 Dec 15	Transit: Cet 21:05, Tau 22:58, CM 01:10, Hy 03:12 ** Strn 21:26, Ura 23:22, Nep 18:49 At Point Zero/RISE SET: Sun 05:51 17:59, Moon 13:48 01:26, Mrc 07:18 19:21, Vns 08:02 20:05, Mars 08:33 20:36, Jup 03:19 15:22, Strn 15:25 03:31, Ura 17:20 05:27, Nep 12:48 00:55, Plu 09:09 21:12 ** MoonPhase 75.27% ** Mrc Sets 01:22 After Sunset. ** Vns Sets 02:05 After Sunset. *** Full Moon: 2029-12-20 Thu 22:46 GMT, MB -0.36, MAg 0.5, SAg 0.54 \$** Total Lunar eclipse around Longitude 18:30:00 E
W52	Sat 2029 Dec 22	Transit: Cet 20:37, Tau 22:30, CM 00:42, Hy 02:44 ** Strn 20:57, Ura 22:53, Nep 18:22 At Point Zero/RISE SET: Sun 05:55 18:02, Moon 19:29 07:03, Mrc 07:07 19:10, Vns 07:31 19:34, Mars 08:28 20:31, Jup 02:57 15:00, Strn 14:56 03:02, Ura 16:52 04:58, Nep 12:20 00:27, Plu 08:42 20:45 ** MoonPhase 97.64% ** Mrc Sets 01:07 After Sunset. ** Vns Sets 01:31 After Sunset.
W53	Sat 2029 Dec 29	Transit: Cet 20:10, Tau 22:03, CM 00:15, Hy 02:17 ** Strn 20:28, Ura 22:24 At Point Zero/RISE SET: Sun 05:58 18:06, Moon 00:18 12:43, Mrc 06:20 18:23, Vns 06:52 18:55, Mars 08:23 20:26, Jup 02:35 14:37, Strn 14:27 02:34, Ura 16:23 04:30, Nep 11:53 00:00, Plu 08:15 20:18 ** MoonPhase 37.76% ** Mrc Sets 00:17 After Sunset. ** Vns Sets 00:49 After Sunset. *** New Moon: 2030-01-04 Fri 02:49 GMT, MB 1.66, MAg 0.54, SAg 0.54