

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 2023 Dec 30	Transit: Cet 20:08, Tau 22:01, CM 00:13, Hy 02:15 ** Jup 19:36, Ura 20:34 At Point Zero/RISE SET: Sun 05:58 18:06, Moon 21:10 08:47, Mrc 04:52 16:55, Vns 03:16 15:18, Mars 05:03 17:06, Jup 13:35 01:41, Strn 09:43 21:46, Ura 14:32 02:39, Nep 11:02 23:05, Plu 07:29 19:32 ** MoonPhase 88.54% ** Mrc Rises 01:06 Before Sunrise. ** Vns Rises 02:42 Before Sunrise.
W2	Sat 2024 Jan 6	Transit: Tau 21:33, CM 23:41, Hy 01:47, Leo 03:20 ** Jup 19:09, Ura 20:06 At Point Zero/RISE SET: Sun 06:02 18:09, Moon 01:14 13:36, Mrc 04:25 16:28, Vns 03:23 15:26, Mars 04:58 17:01, Jup 13:07 01:14, Strn 09:18 21:21, Ura 14:04 02:11, Nep 10:35 22:38, Plu 07:03 19:06 ** MoonPhase 27.70% ** Mrc Rises 01:36 Before Sunrise. ** Vns Rises 02:38 Before Sunrise. *** New Moon: 2024-01-11 Thu 11:57 GMT, MB -5, MAg 0.54, SAg 0.54 *** New Hijri Month: 01-Rjb at Fri 2024-01-12
W3	Sat 2024 Jan 13	Transit: Tau 21:05, CM 23:14, Hy 01:20, Leo 02:52 ** Jup 18:42, Ura 19:38 At Point Zero/RISE SET: Sun 06:04 18:12, Moon 07:58 20:25, Mrc 04:21 16:24, Vns 03:32 15:35, Mars 04:53 16:56, Jup 12:41 00:47, Strn 08:53 20:56, Ura 13:36 01:43, Nep 10:08 22:11, Plu 06:36 18:39 ** MoonPhase 5.68% ** Mrc Rises 01:43 Before Sunrise. ** Vns Rises 02:32 Before Sunrise.
W4	Sat 2024 Jan 20	Transit: Tau 20:38, CM 22:46, Hy 00:52, Leo 02:25 ** Jup 18:16, Ura 19:10 At Point Zero/RISE SET: Sun 06:07 18:14, Moon 13:50 01:23, Mrc 04:29 16:32, Vns 03:41 15:44, Mars 04:49 16:52, Jup 12:15 00:21, Strn 08:28 20:31, Ura 13:08 01:15, Nep 09:41 21:44, Plu 06:10 18:13 ** MoonPhase 74.23% ** Mrc Rises 01:37 Before Sunrise. ** Vns Rises 02:25 Before Sunrise. *** Full Moon: 2024-01-25 Thu 17:53 GMT, MB 4.81, MAg 0.5, SAg 0.54
W5	Sat 2024 Jan 27	Transit: Tau 20:10, CM 22:19, Hy 00:25, Leo 01:57 ** Ura 18:42 At Point Zero/RISE SET: Sun 06:09 18:16, Moon 19:49 07:26, Mrc 04:43 16:45, Vns 03:51 15:54, Mars 04:44 16:47, Jup 11:49 23:52, Strn 08:04 20:06, Ura 12:41 00:47, Nep 09:15 21:17, Plu 05:43 17:46 ** MoonPhase 97.15% ** Mrc Rises 01:26 Before Sunrise. ** Vns Rises 02:18 Before Sunrise.
W6	Sat 2024 Feb 3	Transit: CM 21:51, Hy 23:53, Leo 01:30, GCen 03:52 At Point Zero/RISE SET: Sun 06:10 18:17, Moon \$ 12:15, Mrc 04:59 17:02, Vns 04:00 16:03, Mars 04:39 16:42, Jup 11:24 23:27, Strn 07:39 19:42, Ura 12:13 00:20, Nep 08:48 20:50, Plu 05:17 17:19 ** MoonPhase 44.73% ** Mrc Rises 01:10 Before Sunrise. ** Vns Rises 02:09 Before Sunrise. *** New Moon: 2024-02-09 Fri 22:58 GMT, MB -4.26, MAg 0.55, SAg 0.54
W7	Sat 2024 Feb 10	Transit: CM 21:24, Hy 23:26, Leo 01:02, GCen 03:24 At Point Zero/RISE SET: Sun 06:10 18:17, Moon 06:37 19:04, Mrc 05:17 17:20, Vns 04:10 16:13, Mars 04:35 16:38, Jup 11:00 23:03, Strn 07:15 19:17, Ura 11:46 23:49, Nep 08:21 20:24, Plu 04:50 16:53 ** MoonPhase 0.44% ** Mrc Rises 00:52 Before Sunrise. ** Vns Rises 02:00 Before Sunrise. *** New Hijri Month: 01-Shn at Sun 2024-02-11
W8	Sat 2024 Feb 17	Transit: CM 20:56, Hy 22:58, Leo 00:35, GCen 02:56 At Point Zero/RISE SET: Sun 06:10 18:17, Moon 12:40 00:12, Mrc 05:37 17:40, Vns 04:19 16:22, Mars 04:30 16:33, Jup 10:36 22:39, Strn 06:50 18:53, Ura 11:19 23:22, Nep 07:54 19:57, Plu 04:23 16:26 ** MoonPhase 59.26% ** Mrc Rises 00:33 Before Sunrise. ** Vns Rises 01:51 Before Sunrise.
W9	Sat 2024 Feb 24	Transit: CM 20:29, Hy 22:31, Leo 00:07, GCen 02:29 At Point Zero/RISE SET: Sun 06:09 18:16, Moon 18:28 06:07, Mrc 05:57 18:00, Vns 04:27 16:30, Mars 04:24 16:27, Jup 10:13 22:15, Strn 06:26 18:29, Ura 10:52 22:55, Nep 07:28 19:30, Plu 03:57 16:00 ** MoonPhase 100.00% ** Mrc Rises 00:12 Before Sunrise. ** Vns Rises 01:41 Before Sunrise. *** Full Moon: 2024-02-24 Sat 12:30 GMT, MB 3.39, MAg 0.49, SAg 0.54

W10	Sat 2024 Mar 2	Transit: Hy 22:03, Leo 23:36, GCen 02:01, RCen 04:00 At Point Zero/RISE SET: Sun 06:08 18:15, Moon 23:24 10:57, Mrc 06:18 18:20, Vns 04:35 16:38, Mars 04:19 16:22, Jup 09:50 21:52, Strn 06:02 18:04, Ura 10:25 22:28, Nep 07:01 19:04, Plu 03:30 15:33 ** MoonPhase 61.63% ** Mrc Sets 00:05 After Sunset. ** Vns Rises 01:33 Before Sunrise.
W11	Sat 2024 Mar 9	Transit: Hy 21:36, Leo 23:08, GCen 01:34, RCen 03:32 At Point Zero/RISE SET: Sun 06:07 18:13, Moon 05:14 17:40, Mrc 06:39 18:41, Vns 04:42 16:44, Mars 04:13 16:16, Jup 09:27 21:30, Strn 05:37 17:40, Ura 09:58 22:01, Nep 06:35 18:37, Plu 03:03 15:06 ** MoonPhase 1.18% ** Mrc Sets 00:27 After Sunset. ** Vns Rises 01:24 Before Sunrise. *** New Moon: 2024-03-10 Sun 09:00 GMT, MB -2.25, MAg 0.56, SAg 0.54 *** New Hijri Month: 01-Rmd at Mon 2024-03-11
W12	Sat 2024 Mar 16	Transit: Hy 21:08, Leo 22:41, GCen 01:06, RCen 03:05 At Point Zero/RISE SET: Sun 06:05 18:11, Moon 11:28 23:55, Mrc 06:57 18:59, Vns 04:48 16:50, Mars 04:07 16:10, Jup 09:05 21:07, Strn 05:13 17:15, Ura 09:32 21:35, Nep 06:08 18:11, Plu 02:36 14:39 ** MoonPhase 42.98% ** Mrc Sets 00:48 After Sunset. ** Vns Rises 01:17 Before Sunrise.
W13	Sat 2024 Mar 23	Transit: Hy 20:40, Leo 22:13, GCen 00:39, RCen 02:37 At Point Zero/RISE SET: Sun 06:03 18:09, Moon 17:07 04:47, Mrc 07:06 19:08, Vns 04:53 16:55, Mars 04:00 16:03, Jup 08:43 20:45, Strn 04:48 16:51, Ura 09:06 21:08, Nep 05:41 17:44, Plu 02:09 14:12 ** MoonPhase 97.16% ** Mrc Sets 00:59 After Sunset. ** Vns Rises 01:09 Before Sunrise. *** Full Moon: 2024-03-25 Mon 07:00 GMT, MB 0.95, MAg 0.49, SAg 0.53 \$** Partial Lunar eclips around Longitude 105:00:00 W
W14	Sat 2024 Mar 30	Transit: Hy 20:13, Leo 21:46, GCen 00:11, RCen 02:10 At Point Zero/RISE SET: Sun 06:01 18:07, Moon 22:12 09:45, Mrc 06:57 19:00, Vns 04:57 17:00, Mars 03:54 15:56, Jup 08:21 20:24, Strn 04:24 16:27, Ura 08:39 20:42, Nep 05:15 17:17, Plu 01:42 13:45 ** MoonPhase 76.39% ** Mrc Sets 00:52 After Sunset. ** Vns Rises 01:03 Before Sunrise.
W15	Sat 2024 Apr 6	Transit: Leo 21:18, GCen 23:40, RCen 01:42, Sco 03:30 At Point Zero/RISE SET: Sun 05:59 18:05, Moon 03:52 16:17, Mrc 06:28 18:31, Vns 05:02 17:04, Mars 03:47 15:49, Jup 07:59 20:02, Strn 03:59 16:02, Ura 08:13 20:16, Nep 04:48 16:51, Plu 01:15 13:18 ** MoonPhase 7.52% ** Mrc Sets 00:25 After Sunset. ** Vns Rises 00:56 Before Sunrise. *** New Moon: 2024-04-08 Mon 18:20 GMT, MB 0.39, MAg 0.55, SAg 0.53 \$** Total Solar eclipse around Longitude 95:00:00 W *** New Hijri Month: 01-Shl at Wed 2024-04-10
W16	Sat 2024 Apr 13	Transit: Leo 20:51, GCen 23:12, RCen 01:14, Sco 03:03 At Point Zero/RISE SET: Sun 05:57 18:03, Moon 10:13 22:41, Mrc 05:45 17:48, Vns 05:06 17:08, Mars 03:39 15:42, Jup 07:38 19:41, Strn 03:35 15:37, Ura 07:47 19:50, Nep 04:22 16:24, Plu 00:48 12:51 ** MoonPhase 27.13% ** Mrc Rises 00:11 Before Sunrise. ** Vns Rises 00:50 Before Sunrise.
W17	Sat 2024 Apr 20	Transit: Leo 20:23, GCen 22:45, RCen 00:47, Sco 02:35 At Point Zero/RISE SET: Sun 05:55 18:02, Moon 15:46 03:25, Mrc 05:04 17:06, Vns 05:10 17:13, Mars 03:32 15:35, Jup 07:17 19:20, Strn 03:10 15:12, Ura 07:21 19:24, Nep 03:55 15:58, Plu 00:21 12:24 ** MoonPhase 89.21% ** Mrc Rises 00:51 Before Sunrise. ** Vns Rises 00:44 Before Sunrise. *** Full Moon: 2024-04-23 Tue 23:48 GMT, MB -1.71, MAg 0.5, SAg 0.53

W18	Sat 2024 Apr 27	Transit: Leo 19:56, GCen 22:17, RCen 00:19, Sco 02:08 At Point Zero/RISE SET: Sun 05:54 18:01, Moon 21:04 08:35, Mrc 04:35 16:37, Vns 05:15 17:17, Mars 03:24 15:27, Jup 06:56 18:59, Strn 02:45 14:47, Ura 06:55 18:58, Nep 03:28 15:31, Plu 23:50 11:56 ** MoonPhase 88.00% ** Mrc Rises 01:19 Before Sunrise. ** Vns Rises 00:39 Before Sunrise.
W19	Sat 2024 May 4	Transit: GCen 21:50, RCen 23:48, Sco 01:40, Ly 03:47 ** Plu 05:27 At Point Zero/RISE SET: Sun 05:53 18:00, Moon 02:33 14:57, Mrc 04:19 16:21, Vns 05:20 17:22, Mars 03:17 15:19, Jup 06:35 18:38, Strn 02:20 14:22, Ura 06:29 18:32, Nep 03:02 15:04, Plu 23:22 11:29 ** MoonPhase 17.75% ** Mrc Rises 01:34 Before Sunrise. ** Vns Rises 00:33 Before Sunrise. *** New Moon: 2024-05-08 Wed 03:21 GMT, MB 2.84, MAg 0.54, SAg 0.53 *** New Hijri Month: 01-Qdh at Thu 2024-05-09
W20	Sat 2024 May 11	Transit: GCen 21:22, RCen 23:20, Sco 01:13, Ly 03:20 ** Plu 05:00 At Point Zero/RISE SET: Sun 05:52 17:59, Moon 08:56 21:24, Mrc 04:14 16:16, Vns 05:25 17:28, Mars 03:09 15:11, Jup 06:14 18:17, Strn 01:54 13:57, Ura 06:03 18:06, Nep 02:35 14:37, Plu 22:55 11:01 ** MoonPhase 13.79% ** Mrc Rises 01:38 Before Sunrise. ** Vns Rises 00:27 Before Sunrise.
W21	Sat 2024 May 18	Transit: GCen 20:55, RCen 22:53, Sco 00:45, Ly 02:52 ** Plu 04:32 At Point Zero/RISE SET: Sun 05:52 18:00, Moon 14:22 02:02, Mrc 04:17 16:20, Vns 05:32 17:35, Mars 03:01 15:03, Jup 05:53 17:56, Strn 01:28 13:31, Ura 05:37 17:40, Nep 02:08 14:10, Plu 22:27 10:34 ** MoonPhase 77.07% ** Mrc Rises 01:35 Before Sunrise. ** Vns Rises 00:20 Before Sunrise. *** Full Moon: 2024-05-23 Thu 13:52 GMT, MB -3.82, MAg 0.51, SAg 0.53
W22	Sat 2024 May 25	Transit: GCen 20:27, RCen 22:25, Sco 00:18, Ly 02:25 ** Plu 04:04 At Point Zero/RISE SET: Sun 05:53 18:00, Moon 19:55 07:25, Mrc 04:29 16:31, Vns 05:39 17:42, Mars 02:53 14:55, Jup 05:33 17:35, Strn 01:03 13:05, Ura 05:12 17:14, Nep 01:41 13:43, Plu 21:59 10:06 ** MoonPhase 95.96% ** Mrc Rises 01:24 Before Sunrise. ** Vns Rises 00:13 Before Sunrise.
W23	Sat 2024 Jun 1	Transit: RCen 21:58, Sco 23:46, Ly 01:57, Cy 04:01 ** Plu 03:37 At Point Zero/RISE SET: Sun 05:54 18:01, Moon 01:17 13:40, Mrc 04:49 16:52, Vns 05:48 17:51, Mars 02:45 14:47, Jup 05:12 17:15, Strn 00:36 12:39, Ura 04:46 16:48, Nep 01:14 13:16, Plu 21:31 09:38 ** MoonPhase 30.05% ** Mrc Rises 01:05 Before Sunrise. ** Vns Rises 00:06 Before Sunrise. *** New Moon: 2024-06-06 Thu 12:37 GMT, MB 4.48, MAg 0.53, SAg 0.53 *** New Hijri Month: 01-Hjh at Fri 2024-06-07
W24	Sat 2024 Jun 8	Transit: RCen 21:30, Sco 23:19, Ly 01:30, Cy 03:33 ** Plu 03:09 At Point Zero/RISE SET: Sun 05:55 18:02, Moon 07:39 20:07, Mrc 05:18 17:21, Vns 05:57 18:00, Mars 02:37 14:40, Jup 04:51 16:54, Strn 00:10 12:13, Ura 04:20 16:23, Nep 00:47 12:49, Plu 21:03 09:10 ** MoonPhase 4.62% ** Mrc Rises 00:36 Before Sunrise.
W25	Sat 2024 Jun 15	Transit: RCen 21:03, Sco 22:51, Ly 01:02, Cy 03:06 ** Strn 05:45, Plu 02:41 At Point Zero/RISE SET: Sun 05:56 18:04, Moon 12:57 00:37, Mrc 05:56 17:59, Vns 06:07 18:10, Mars 02:29 14:32, Jup 04:30 16:33, Strn 23:39 11:46, Ura 03:54 15:57, Nep 00:19 12:22, Plu 20:35 08:42 ** MoonPhase 62.02% ** Mrc Rises 00:00 Before Sunrise. ** Vns Sets 00:05 After Sunset.
W26	Sat 2024 Jun 22	Transit: RCen 20:35, Sco 22:24, Ly 00:35, Cy 02:38 ** Strn 05:18, Nep 05:53, Plu 02:13 At Point Zero/RISE SET: Sun 05:58 18:05, Moon 18:45 06:13, Mrc 06:35 18:38, Vns 06:17 18:20, Mars 02:21 14:24, Jup 04:09 16:12, Strn 23:12 11:19, Ura 03:28 15:30, Nep 23:48 11:55, Plu 20:07 08:14 ** MoonPhase 99.75% ** Mrc Sets 00:32 After Sunset. ** Vns Sets 00:14 After Sunset. *** Full Moon: 2024-06-22 Sat 01:07 GMT, MB -4.89, MAg 0.52, SAg 0.52

W27	Sat 2024 Jun 29	Transit: RCen 20:08, Sco 21:56, Ly 00:07, Cy 02:11 ** Strn 04:50, Nep 05:26, Plu 01:45 At Point Zero/RISE SET: Sun 05:59 18:07, Moon 00:03 12:26, Mrc 07:07 19:10, Vns 06:27 18:30, Mars 02:14 14:16, Jup 03:48 15:51, Strn 22:45 10:52, Ura 03:02 15:04, Nep 23:21 11:27, Plu 19:39 07:46 ** MoonPhase 43.29% ** Mrc Sets 01:03 After Sunset. ** Vns Sets 00:22 After Sunset. *** New Moon: 2024-07-05 Fri 22:57 GMT, MB 4.97, MAg 0.52, SAg 0.52
W28	Sat 2024 Jul 6	Transit: Sco 21:29, Ly 23:36, Cy 01:43, Pic 04:00 ** Strn 04:23, Nep 04:58, Plu 01:16 At Point Zero/RISE SET: Sun 06:01 18:08, Moon 06:24 18:51, Mrc 07:30 19:33, Vns 06:36 18:39, Mars 02:06 14:09, Jup 03:27 15:30, Strn 22:17 10:24, Ura 02:35 14:38, Nep 22:53 11:00, Plu 19:11 07:18 ** MoonPhase 0.33% ** Mrc Sets 01:25 After Sunset. ** Vns Sets 00:31 After Sunset. *** New Hijri Month: 01-Mhr at Sun 2024-07-07
W29	Sat 2024 Jul 13	Transit: Sco 21:01, Ly 23:08, Cy 01:16, Pic 03:33 ** Strn 03:55, Nep 04:31, Plu 00:48 At Point Zero/RISE SET: Sun 06:02 18:09, Moon 11:32 23:51, Mrc 07:44 19:46, Vns 06:45 18:48, Mars 01:58 14:01, Jup 03:06 15:09, Strn 21:49 09:56, Ura 02:09 14:12, Nep 22:26 10:32, Plu 18:43 06:50 ** MoonPhase 45.74% ** Mrc Sets 01:37 After Sunset. ** Vns Sets 00:39 After Sunset.
W30	Sat 2024 Jul 20	Transit: Sco 20:34, Ly 22:41, Cy 00:48, Pic 03:05 ** Strn 03:27, Nep 04:03, Plu 00:20 At Point Zero/RISE SET: Sun 06:02 18:09, Moon 17:30 04:58, Mrc 07:48 19:50, Vns 06:53 18:56, Mars 01:51 13:54, Jup 02:44 14:47, Strn 21:21 09:28, Ura 01:42 13:45, Nep 21:58 10:04, Plu 18:15 06:21 ** MoonPhase 98.85% ** Mrc Sets 01:41 After Sunset. ** Vns Sets 00:46 After Sunset. *** Full Moon: 2024-07-21 Sun 10:16 GMT, MB -4.73, MAg 0.54, SAg 0.52
W31	Sat 2024 Jul 27	Transit: Sco 20:06, Ly 22:13, Cy 00:21, Pic 02:38 ** Strn 02:58, Nep 03:35, Plu 23:48 At Point Zero/RISE SET: Sun 06:02 18:09, Moon 23:38 11:12, Mrc 07:42 19:45, Vns 07:00 19:03, Mars 01:43 13:46, Jup 02:22 14:25, Strn 20:53 08:59, Ura 01:16 13:19, Nep 21:30 09:37, Plu 17:46 05:53 ** MoonPhase 57.01% ** Mrc Sets 01:35 After Sunset. ** Vns Sets 00:53 After Sunset.
W32	Sat 2024 Aug 3	Transit: Ly 21:45, Cy 23:49, Pic 02:10, Cas 03:53 ** Strn 02:29, Nep 03:07, Plu 23:20 At Point Zero/RISE SET: Sun 06:02 18:09, Moon 05:11 17:35, Mrc 07:24 19:27, Vns 07:06 19:09, Mars 01:35 13:38, Jup 02:00 14:03, Strn 20:24 08:31, Ura 00:49 12:52, Nep 21:02 09:09, Plu 17:18 05:25 ** MoonPhase 0.94% ** Mrc Sets 01:17 After Sunset. ** Vns Sets 01:00 After Sunset. *** New Moon: 2024-08-04 Sun 11:12 GMT, MB 4.2, MAg 0.5, SAg 0.53 *** New Hijri Month: 01-Sfr at Tue 2024-08-06
W33	Sat 2024 Aug 10	Transit: Ly 21:18, Cy 23:22, Pic 01:43, Cas 03:25 ** Strn 02:00, Nep 02:39, Plu 22:51 At Point Zero/RISE SET: Sun 06:01 18:08, Moon 10:09 22:28, Mrc 06:52 18:55, Vns 07:12 19:14, Mars 01:28 13:31, Jup 01:38 13:41, Strn 19:55 08:02, Ura 00:22 12:25, Nep 20:34 08:41, Plu 16:50 04:57 ** MoonPhase 30.03% ** Mrc Sets 00:46 After Sunset. ** Vns Sets 01:06 After Sunset.
W34	Sat 2024 Aug 17	Transit: Ly 20:50, Cy 22:54, Pic 01:15, Cas 02:58 ** Strn 01:31, Ura 05:57, Nep 02:11, Plu 22:23 At Point Zero/RISE SET: Sun 06:00 18:07, Moon 16:13 03:42, Mrc 06:06 18:09, Vns 07:16 19:19, Mars 01:20 13:23, Jup 01:15 13:18, Strn 19:26 07:33, Ura 23:51 11:58, Nep 20:06 08:13, Plu 16:22 04:29 ** MoonPhase 92.93% ** Mrc Sets 00:02 After Sunset. ** Vns Sets 01:12 After Sunset. *** Full Moon: 2024-08-19 Mon 18:25 GMT, MB -3.36, MAg 0.55, SAg 0.53

W35	Sat 2024 Aug 24	Transit: Ly 20:23, Cy 22:27, Pic 00:48, Cas 02:30 ** Strn 01:02, Ura 05:29, Nep 01:43, Plu 21:55 At Point Zero/RISE SET: Sun 05:58 18:05, Moon 22:25 09:57, Mrc 05:20 17:22, Vns 07:20 19:23, Mars 01:11 13:14, Jup 00:52 12:55, Strn 18:57 07:03, Ura 23:24 11:31, Nep 19:38 07:45, Plu 15:54 04:01 ** MoonPhase 70.81% ** Mrc Rises 00:38 Before Sunrise. ** Vns Sets 01:17 After Sunset.
W36	Sat 2024 Aug 31	Transit: Ly 19:55, Cy 21:59, Pic 00:20, Cas 02:03 ** Strn 00:33, Ura 05:02, Nep 01:15, Plu 21:27 At Point Zero/RISE SET: Sun 05:56 18:03, Moon 03:58 16:21, Mrc 04:50 16:53, Vns 07:24 19:26, Mars 01:03 13:06, Jup 00:28 12:31, Strn 18:27 06:34, Ura 22:57 11:03, Nep 19:10 07:16, Plu 15:26 03:32 ** MoonPhase 6.17% ** Mrc Rises 01:05 Before Sunrise. ** Vns Sets 01:23 After Sunset. *** New Moon: 2024-09-03 Tue 01:55 GMT, MB 2.3, MAg 0.49, SAg 0.53 *** New Hijri Month: 01-Rb1 at Wed 2024-09-04
W37	Sat 2024 Sep 7	Transit: Cy 21:32, Pic 23:49, Cas 01:35, Cet 03:37 ** Strn 00:03, Ura 04:35, Nep 00:47, Plu 20:59 At Point Zero/RISE SET: Sun 05:54 18:01, Moon 08:47 21:07, Mrc 04:46 16:49, Vns 07:27 19:30, Mars 00:54 12:57, Jup 00:04 12:07, Strn 17:58 06:04, Ura 22:29 10:36, Nep 18:42 06:48, Plu 14:58 03:04 ** MoonPhase 16.51% ** Mrc Rises 01:08 Before Sunrise. ** Vns Sets 01:29 After Sunset.
W38	Sat 2024 Sep 14	Transit: Cy 21:04, Pic 23:21, Cas 01:08, Cet 03:09 ** Jup 05:40, Strn 23:30, Ura 04:07, Nep 00:19, Plu 20:31 At Point Zero/RISE SET: Sun 05:52 17:58, Moon 14:55 02:24, Mrc 05:00 17:02, Vns 07:31 19:33, Mars 00:44 12:47, Jup 23:35 11:42, Strn 17:28 05:35, Ura 22:01 10:08, Nep 18:14 06:20, Plu 14:30 02:37 ** MoonPhase 82.31% ** Mrc Rises 00:52 Before Sunrise. ** Vns Sets 01:35 After Sunset. *** Full Moon: 2024-09-18 Wed 02:34 GMT, MB -1.05, MAg 0.56, SAg 0.53 \$** Partial Lunar eclips around Longitude 38:30:00 W
W39	Sat 2024 Sep 21	Transit: Cy 20:37, Pic 22:54, Cas 00:40, Cet 02:42 ** Jup 05:15, Strn 23:00, Ura 03:39, Nep 23:47, Plu 20:03 At Point Zero/RISE SET: Sun 05:49 17:56, Moon 21:10 08:40, Mrc 05:20 17:22, Vns 07:35 19:37, Mars 00:34 12:37, Jup 23:09 11:16, Strn 16:59 05:05, Ura 21:34 09:40, Nep 17:45 05:52, Plu 14:02 02:09 ** MoonPhase 83.74% ** Mrc Rises 00:29 Before Sunrise. ** Vns Sets 01:41 After Sunset.
W40	Sat 2024 Sep 28	Transit: Cy 20:09, Pic 22:26, Cas 00:13, Cet 02:14 ** Jup 04:49, Strn 22:31, Ura 03:11, Nep 23:18, Plu 19:36 At Point Zero/RISE SET: Sun 05:47 17:53, Moon 02:43 15:05, Mrc 05:39 17:42, Vns 07:39 19:42, Mars 00:23 12:26, Jup 22:43 10:50, Strn 16:29 04:36, Ura 21:06 09:12, Nep 17:17 05:24, Plu 13:34 01:41 ** MoonPhase 15.73% ** Mrc Rises 00:07 Before Sunrise. ** Vns Sets 01:48 After Sunset. *** New Moon: 2024-10-02 Wed 18:49 GMT, MB -0.31, MAg 0.49, SAg 0.53 \$** Total Solar eclipse around Longitude 102:15:00 W *** New Hijri Month: 01-Rb2 at Fri 2024-10-04
W41	Sat 2024 Oct 5	Transit: Pic 21:59, Cas 23:41, Cet 01:47, Tau 03:40 ** Jup 04:22, Strn 22:02, Ura 02:43, Nep 22:50, Plu 19:08 At Point Zero/RISE SET: Sun 05:45 17:51, Moon 07:28 19:50, Mrc 05:56 17:58, Vns 07:45 19:47, Mars 00:11 12:14, Jup 22:17 10:23, Strn 16:00 04:07, Ura 20:37 08:44, Nep 16:49 04:55, Plu 13:06 01:13 ** MoonPhase 6.45% ** Mrc Sets 00:07 After Sunset. ** Vns Sets 01:56 After Sunset.

W42	Sat 2024 Oct 12	Transit: Pic 21:31, Cas 23:14, Cet 01:19, Tau 03:12 ** Jup 03:55, Strn 21:33, Ura 02:14, Nep 22:22, Plu 18:40 At Point Zero/RISE SET: Sun 05:43 17:49, Moon 13:37 01:08, Mrc 06:11 18:13, Vns 07:51 19:54, Mars 23:55 12:02, Jup 21:49 09:56, Strn 15:31 03:38, Ura 20:09 08:16, Nep 16:21 04:27, Plu 12:39 00:46 ** MoonPhase 68.28% ** Mrc Sets 00:24 After Sunset. ** Vns Sets 02:04 After Sunset. *** Full Moon: 2024-10-17 Thu 11:26 GMT, MB 1.62, MAg 0.56, SAg 0.54
W43	Sat 2024 Oct 19	Transit: Pic 21:04, Cas 22:46, Cet 00:52, Tau 02:45 ** Jup 03:26, Strn 21:04, Ura 01:46, Nep 21:54, Plu 18:13 At Point Zero/RISE SET: Sun 05:41 17:48, Moon 19:52 07:20, Mrc 06:25 18:27, Vns 07:58 20:01, Mars 23:41 11:48, Jup 21:21 09:28, Strn 15:02 03:09, Ura 19:41 07:47, Nep 15:53 03:59, Plu 12:11 00:18 ** MoonPhase 93.99% ** Mrc Sets 00:39 After Sunset. ** Vns Sets 02:13 After Sunset.
W44	Sat 2024 Oct 26	Transit: Pic 20:36, Cas 22:19, Cet 00:24, Tau 02:17 ** Mars 05:32, Jup 02:57, Strn 20:35, Ura 01:17, Nep 21:26 At Point Zero/RISE SET: Sun 05:40 17:47, Moon 01:26 13:47, Mrc 06:38 18:41, Vns 08:06 20:09, Mars 23:26 11:33, Jup 20:52 08:59, Strn 14:34 02:40, Ura 19:12 07:19, Nep 15:24 03:31, Plu 11:44 23:47 ** MoonPhase 29.23% ** Mrc Sets 00:54 After Sunset. ** Vns Sets 02:22 After Sunset. *** New Moon: 2024-11-01 Fri 12:47 GMT, MB -2.87, MAg 0.49, SAg 0.54
W45	Sat 2024 Nov 2	Transit: Cas 21:51, Cet 23:53, Tau 01:50, CM 03:58 ** Mars 05:16, Jup 02:28, Strn 20:07, Ura 00:49, Nep 20:58 At Point Zero/RISE SET: Sun 05:40 17:47, Moon 06:11 18:34, Mrc 06:51 18:54, Vns 08:15 20:18, Mars 23:10 11:17, Jup 20:23 08:29, Strn 14:05 02:12, Ura 18:43 06:50, Nep 14:56 03:03, Plu 11:17 23:20 ** MoonPhase 0.86% ** Mrc Sets 01:07 After Sunset. ** Vns Sets 02:31 After Sunset. *** New Hijri Month: 01-Jm1 at Sun 2024-11-03
W46	Sat 2024 Nov 9	Transit: Cas 21:24, Cet 23:25, Tau 01:22, CM 03:30 ** Mars 04:58, Jup 01:58, Strn 19:39, Ura 00:20, Nep 20:30 At Point Zero/RISE SET: Sun 05:40 17:47, Moon 12:22 \$, Mrc 07:04 19:07, Vns 08:24 20:27, Mars 22:53 10:59, Jup 19:52 07:59, Strn 13:37 01:44, Ura 18:15 06:21, Nep 14:28 02:35, Plu 10:50 22:52 ** MoonPhase 52.73% ** Mrc Sets 01:19 After Sunset. ** Vns Sets 02:40 After Sunset. *** Full Moon: 2024-11-15 Fri 21:28 GMT, MB 3.84, MAg 0.55, SAg 0.54
W47	Sat 2024 Nov 16	Transit: Cas 20:56, Cet 22:58, Tau 00:55, CM 03:03 ** Mars 04:39, Jup 01:27, Strn 19:11, Ura 23:47, Nep 20:02 At Point Zero/RISE SET: Sun 05:41 17:48, Moon 18:32 06:00, Mrc 07:12 19:15, Vns 08:33 20:37, Mars 22:33 10:40, Jup 19:22 07:29, Strn 13:10 01:16, Ura 17:46 05:53, Nep 14:01 02:07, Plu 10:22 22:25 ** MoonPhase 99.47% ** Mrc Sets 01:26 After Sunset. ** Vns Sets 02:48 After Sunset.
W48	Sat 2024 Nov 23	Transit: Cas 20:29, Cet 22:30, Tau 00:27, CM 02:35 ** Mars 04:17, Jup 00:56, Strn 18:44, Ura 23:19, Nep 19:34 At Point Zero/RISE SET: Sun 05:43 17:50, Moon 00:05 12:25, Mrc 07:08 19:11, Vns 08:43 20:46, Mars 22:12 10:19, Jup 18:51 06:57, Strn 12:42 00:49, Ura 17:17 05:24, Nep 13:33 01:39, Plu 09:55 21:58 ** MoonPhase 45.78% ** Mrc Sets 01:21 After Sunset. ** Vns Sets 02:55 After Sunset.

W49	Sat 2024 Nov 30	Transit: Cas 20:01, Cet 22:03, Tau 23:56, CM 02:08 ** Mars 03:54, Jup 00:25, Strn 18:17, Ura 22:50, Nep 19:06 At Point Zero/RISE SET: Sun 05:45 17:52, Moon 04:54 17:18, Mrc 06:39 18:42, Vns 08:51 20:54, Mars 21:48 09:55, Jup 18:19 06:26, Strn 12:15 00:22, Ura 16:49 04:55, Nep 13:05 01:12, Plu 09:29 21:32 ** MoonPhase 0.59% ** Mrc Sets 00:49 After Sunset. ** Vns Sets 03:01 After Sunset. *** New Moon: 2024-12-01 Sun 06:21 GMT, MB -4.57, MAg 0.5, SAg 0.54 *** New Hijri Month: 01-Jm2 at Mon 2024-12-02
W50	Sat 2024 Dec 7	Transit: Cet 21:35, Tau 23:28, CM 01:40, Hy 03:42 ** Mars 03:28, Jup 23:49, Ura 22:21, Nep 18:39 At Point Zero/RISE SET: Sun 05:48 17:55, Moon 11:09 23:31, Mrc 05:37 17:40, Vns 08:58 21:01, Mars 21:22 09:29, Jup 17:48 05:54, Strn 11:49 23:51, Ura 16:20 04:27, Nep 12:38 00:44, Plu 09:02 21:05 ** MoonPhase 37.34% ** Mrc Rises 00:10 Before Sunrise. ** Vns Sets 03:05 After Sunset.
W51	Sat 2024 Dec 14	Transit: Cet 21:08, Tau 23:01, CM 01:13, Hy 03:15 ** Mars 02:59, Jup 23:17, Ura 21:53, Nep 18:11 At Point Zero/RISE SET: Sun 05:51 17:58, Moon 17:15 04:42, Mrc 04:43 16:46, Vns 09:04 21:07, Mars 20:54 09:01, Jup 17:16 05:23, Strn 11:22 23:25, Ura 15:51 03:58, Nep 12:10 00:17, Plu 08:35 20:38 ** MoonPhase 98.96% ** Mrc Rises 01:07 Before Sunrise. ** Vns Sets 03:08 After Sunset. *** Full Moon: 2024-12-15 Sun 09:01 GMT, MB 4.94, MAg 0.54, SAg 0.54
W52	Sat 2024 Dec 21	Transit: Cet 20:40, Tau 22:33, CM 00:45, Hy 02:47 ** Mars 02:28, Jup 22:46, Ura 21:24 At Point Zero/RISE SET: Sun 05:54 18:02, Moon 23:21 11:00, Mrc 04:22 16:25, Vns 09:08 21:11, Mars 20:22 08:29, Jup 16:45 04:51, Strn 10:56 22:59, Ura 15:23 03:30, Nep 11:43 23:45, Plu 08:08 20:11 ** MoonPhase 63.50% ** Mrc Rises 01:32 Before Sunrise. ** Vns Sets 03:09 After Sunset.
W53	Sat 2024 Dec 28	Transit: Cet 20:13, Tau 22:05, CM 00:18, Hy 02:20 ** Mars 01:53, Jup 22:15, Ura 20:56 At Point Zero/RISE SET: Sun 05:58 18:05, Moon 03:36 16:01, Mrc 04:22 16:25, Vns 09:11 21:14, Mars 19:48 07:55, Jup 16:13 04:20, Strn 10:30 22:33, Ura 14:55 03:01, Nep 11:15 23:18, Plu 07:42 19:45 ** MoonPhase 6.23% ** Mrc Rises 01:35 Before Sunrise. ** Vns Sets 03:08 After Sunset. *** New Moon: 2024-12-30 Mon 22:26 GMT, MB -4.92, MAg 0.52, SAg 0.54 *** New Hijri Month: 01-Rjb at Wed 2025-01-01