

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, Kaffaljidhma , 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 2020 Dec 26	Transit: Cet 20:20, Tau 22:13, CM 00:26, Hy 02:27 ** Mars 19:05, Ura 19:57 At Point Zero/RISE SET: Sun 05:57 18:04, Moon 15:14 02:51, Mrc 06:10 18:13, Vns 04:21 16:24, Mars 13:04 01:10, Jup 07:49 19:52, Strn 07:47 19:49, Ura 13:56 02:03, Nep 10:51 22:53, Plu 07:19 19:21 ** MoonPhase 87.77% ** Mrc Sets 00:08 After Sunset. ** Vns Rises 01:35 Before Sunrise. *** Full Moon: 2020-12-30 Wed 03:28 GMT, MB 1.72, MAg 0.51, SAg 0.54
W2	Sat 2021 Jan 2	Transit: Tau 21:46, CM 23:54, Hy 02:00, Leo 03:33 ** Mars 18:49, Ura 19:29 At Point Zero/RISE SET: Sun 06:00 18:07, Moon 21:16 08:49, Mrc 06:32 18:35, Vns 04:31 16:34, Mars 12:47 00:54, Jup 07:28 19:31, Strn 07:22 19:25, Ura 13:28 01:35, Nep 10:24 22:26, Plu 06:52 18:55 ** MoonPhase 88.14% ** Mrc Sets 00:27 After Sunset. ** Vns Rises 01:29 Before Sunrise.
W3	Sat 2021 Jan 9	Transit: Tau 21:18, CM 23:27, Hy 01:32, Leo 03:05 ** Mars 18:33, Ura 19:02 At Point Zero/RISE SET: Sun 06:03 18:10, Moon 02:16 14:42, Mrc 06:53 18:56, Vns 04:41 16:44, Mars 12:32 00:38, Jup 07:07 19:10, Strn 06:58 19:01, Ura 13:00 01:07, Nep 09:57 21:59, Plu 06:25 18:28 ** MoonPhase 17.24% ** Mrc Sets 00:45 After Sunset. ** Vns Rises 01:21 Before Sunrise. *** New Moon: 2021-01-13 Wed 04:59 GMT, MB -2.88, MAg 0.53, SAg 0.54 *** New Hijri Month: 01-Jm2 at Thu 2021-01-14
W4	Sat 2021 Jan 16	Transit: Tau 20:51, CM 22:59, Hy 01:05, Leo 02:38 ** Mars 18:18, Ura 18:34 At Point Zero/RISE SET: Sun 06:06 18:13, Moon 08:54 21:16, Mrc 07:11 19:14, Vns 04:52 16:55, Mars 12:17 00:24, Jup 06:46 18:49, Strn 06:34 18:37, Ura 12:33 00:39, Nep 09:30 21:32, Plu 05:59 18:02 ** MoonPhase 12.17% ** Mrc Sets 01:01 After Sunset. ** Vns Rises 01:13 Before Sunrise.
W5	Sat 2021 Jan 23	Transit: Tau 20:23, CM 22:32, Hy 00:37, Leo 02:10 At Point Zero/RISE SET: Sun 06:08 18:15, Moon 13:53 01:29, Mrc 07:21 19:23, Vns 05:02 17:05, Mars 12:03 00:10, Jup 06:26 18:29, Strn 06:10 18:13, Ura 12:05 00:12, Nep 09:03 21:06, Plu 05:32 17:35 ** MoonPhase 73.82% ** Mrc Sets 01:08 After Sunset. ** Vns Rises 01:05 Before Sunrise. *** Full Moon: 2021-01-28 Thu 19:16 GMT, MB 3.92, MAg 0.52, SAg 0.54
W6	Sat 2021 Jan 30	Transit: Tau 19:56, CM 22:04, Hy 00:10, Leo 01:43 At Point Zero/RISE SET: Sun 06:09 18:16, Moon 20:01 07:34, Mrc 07:09 19:12, Vns 05:12 17:15, Mars 11:50 23:52, Jup 06:05 18:08, Strn 05:46 17:49, Ura 11:38 23:41, Nep 08:36 20:39, Plu 05:06 17:09 ** MoonPhase 96.53% ** Mrc Sets 00:55 After Sunset. ** Vns Rises 00:57 Before Sunrise.
W7	Sat 2021 Feb 6	Transit: CM 21:36, Hy 23:38, Leo 01:15, GCen 03:37 At Point Zero/RISE SET: Sun 06:10 18:17, Moon 01:06 13:33, Mrc 06:26 18:28, Vns 05:21 17:24, Mars 11:37 23:40, Jup 05:44 17:47, Strn 05:22 17:25, Ura 11:11 23:14, Nep 08:10 20:12, Plu 04:39 16:42 ** MoonPhase 30.50% ** Mrc Sets 00:11 After Sunset. ** Vns Rises 00:48 Before Sunrise. *** New Moon: 2021-02-11 Thu 19:05 GMT, MB -4.58, MAg 0.52, SAg 0.54
W8	Sat 2021 Feb 13	Transit: CM 21:09, Hy 23:11, Leo 00:48, GCen 03:09 At Point Zero/RISE SET: Sun 06:10 18:17, Moon 07:31 19:52, Mrc 05:27 17:30, Vns 05:30 17:33, Mars 11:25 23:28, Jup 05:23 17:26, Strn 04:58 17:00, Ura 10:44 22:47, Nep 07:43 19:45, Plu 04:13 16:16 ** MoonPhase 3.14% ** Mrc Rises 00:43 Before Sunrise. ** Vns Rises 00:40 Before Sunrise. *** New Hijri Month: 01-Rjb at Sat 2021-02-13
W9	Sat 2021 Feb 20	Transit: CM 20:41, Hy 22:43, Leo 00:20, GCen 02:42 At Point Zero/RISE SET: Sun 06:10 18:17, Moon 12:32 00:07, Mrc 04:45 16:48, Vns 05:37 17:40, Mars 11:13 23:16, Jup 05:02 17:05, Strn 04:33 16:36, Ura 10:17 22:20, Nep 07:16 19:19, Plu 03:46 15:49 ** MoonPhase 56.81% ** Mrc Rises 01:24 Before Sunrise. ** Vns Rises 00:32 Before Sunrise.

W10	Sat 2021 Feb 27	Transit: CM 20:14, Hy 22:16, Leo 23:49, GCen 02:14 At Point Zero/RISE SET: Sun 06:09 18:15, Moon 18:42 06:15, Mrc 04:27 16:29, Vns 05:44 17:46, Mars 11:02 23:05, Jup 04:41 16:44, Strn 04:09 16:12, Ura 09:51 21:53, Nep 06:50 18:52, Plu 03:19 15:22 ** MoonPhase 99.97% ** Mrc Rises 01:42 Before Sunrise. ** Vns Rises 00:25 Before Sunrise. *** Full Moon: 2021-02-27 Sat 08:17 GMT, MB 4.96, MAg 0.54, SAg 0.54
W11	Sat 2021 Mar 6	Transit: Hy 21:48, Leo 23:21, GCen 01:47, RCen 03:45 At Point Zero/RISE SET: Sun 06:07 18:14, Moon \$ 12:26, Mrc 04:23 16:25, Vns 05:49 17:52, Mars 10:52 22:55, Jup 04:20 16:23, Strn 03:45 15:47, Ura 09:24 21:27, Nep 06:23 18:26, Plu 02:53 14:55 ** MoonPhase 45.10% ** Mrc Rises 01:44 Before Sunrise. ** Vns Rises 00:18 Before Sunrise.
W12	Sat 2021 Mar 13	Transit: Hy 21:21, Leo 22:54, GCen 01:19, RCen 03:17 At Point Zero/RISE SET: Sun 06:06 18:12, Moon 06:10 18:31, Mrc 04:27 16:30, Vns 05:54 17:57, Mars 10:41 22:44, Jup 03:59 16:01, Strn 03:20 15:23, Ura 08:58 21:00, Nep 05:57 17:59, Plu 02:26 14:29 ** MoonPhase 0.01% ** Mrc Rises 01:38 Before Sunrise. ** Vns Rises 00:11 Before Sunrise. *** New Moon: 2021-03-13 Sat 10:20 GMT, MB -4.94, MAg 0.5, SAg 0.54 *** New Hijri Month: 01-Shn at Mon 2021-03-15
W13	Sat 2021 Mar 20	Transit: Hy 20:53, Leo 22:26, GCen 00:52, RCen 02:50 At Point Zero/RISE SET: Sun 06:04 18:10, Moon 11:12 23:36, Mrc 04:36 16:39, Vns 05:59 18:01, Mars 10:31 22:34, Jup 03:37 15:40, Strn 02:55 14:58, Ura 08:31 20:34, Nep 05:30 17:33, Plu 01:59 14:02 ** MoonPhase 39.40% ** Mrc Rises 01:27 Before Sunrise. ** Vns Rises 00:05 Before Sunrise.
W14	Sat 2021 Mar 27	Transit: Hy 20:26, Leo 21:58, GCen 00:24, RCen 02:22 At Point Zero/RISE SET: Sun 06:02 18:08, Moon 17:19 04:52, Mrc 04:49 16:52, Vns 06:03 18:05, Mars 10:22 22:25, Jup 03:15 15:18, Strn 02:30 14:33, Ura 08:05 20:08, Nep 05:04 17:06, Plu 01:32 13:35 ** MoonPhase 97.64% ** Mrc Rises 01:12 Before Sunrise. *** Full Moon: 2021-03-28 Sun 18:47 GMT, MB 4.57, MAg 0.55, SAg 0.53
W15	Sat 2021 Apr 3	Transit: Leo 21:31, GCen 23:53, RCen 01:55, Sco 03:43 At Point Zero/RISE SET: Sun 05:59 18:06, Moon 23:50 11:19, Mrc 05:05 17:07, Vns 06:07 18:10, Mars 10:12 22:15, Jup 02:53 14:56, Strn 02:05 14:08, Ura 07:39 19:42, Nep 04:37 16:40, Plu 01:05 13:08 ** MoonPhase 60.18% ** Mrc Rises 00:54 Before Sunrise. ** Vns Sets 00:03 After Sunset.
W16	Sat 2021 Apr 10	Transit: Leo 21:03, GCen 23:25, RCen 01:27, Sco 03:15 At Point Zero/RISE SET: Sun 05:57 18:04, Moon 04:51 17:11, Mrc 05:24 17:26, Vns 06:12 18:14, Mars 10:03 22:06, Jup 02:31 14:33, Strn 01:39 13:42, Ura 07:13 19:16, Nep 04:10 16:13, Plu 00:37 12:40 ** MoonPhase 2.41% ** Mrc Rises 00:33 Before Sunrise. ** Vns Sets 00:10 After Sunset. *** New Moon: 2021-04-12 Mon 02:30 GMT, MB -3.9, MAg 0.49, SAg 0.53 *** New Hijri Month: 01-Rmd at Tue 2021-04-13
W17	Sat 2021 Apr 17	Transit: Leo 20:36, GCen 22:58, RCen 01:00, Sco 02:48 At Point Zero/RISE SET: Sun 05:56 18:02, Moon 09:56 22:20, Mrc 05:47 17:49, Vns 06:17 18:19, Mars 09:54 21:57, Jup 02:08 14:11, Strn 01:13 13:16, Ura 06:47 18:50, Nep 03:44 15:46, Plu 00:10 12:13 ** MoonPhase 23.95% ** Mrc Rises 00:08 Before Sunrise. ** Vns Sets 00:16 After Sunset.
W18	Sat 2021 Apr 24	Transit: Leo 20:08, GCen 22:30, RCen 00:32, Sco 02:20 ** Plu 05:44 At Point Zero/RISE SET: Sun 05:54 18:01, Moon 15:56 03:29, Mrc 06:14 18:17, Vns 06:22 18:25, Mars 09:45 21:48, Jup 01:45 13:48, Strn 00:47 12:50, Ura 06:21 18:24, Nep 03:17 15:20, Plu 23:39 11:46 ** MoonPhase 89.92% ** Mrc Sets 00:15 After Sunset. ** Vns Sets 00:23 After Sunset. *** Full Moon: 2021-04-27 Tue 03:31 GMT, MB 2.91, MAg 0.56, SAg 0.53

W19	Sat 2021 May 1	Transit: GCen 22:02, RCen 00:05, Sco 01:53, Ly 04:00 ** Plu 05:17 At Point Zero/RISE SET: Sun 05:53 18:00, Moon 22:40 10:08, Mrc 06:43 18:46, Vns 06:29 18:31, Mars 09:37 21:40, Jup 01:21 13:24, Strn 00:21 12:24, Ura 05:55 17:58, Nep 02:50 14:53, Plu 23:11 11:18 ** MoonPhase 74.68% ** Mrc Sets 00:45 After Sunset. ** Vns Sets 00:31 After Sunset.
W20	Sat 2021 May 8	Transit: GCen 21:35, RCen 23:33, Sco 01:25, Ly 03:32 ** Plu 04:49 At Point Zero/RISE SET: Sun 05:53 17:59, Moon 03:32 15:51, Mrc 07:07 19:10, Vns 06:36 18:39, Mars 09:28 21:31, Jup 00:58 13:00, Strn 23:50 11:57, Ura 05:29 17:32, Nep 02:23 14:26, Plu 22:44 10:51 ** MoonPhase 9.51% ** Mrc Sets 01:10 After Sunset. ** Vns Sets 00:39 After Sunset. *** New Moon: 2021-05-11 Tue 18:59 GMT, MB -1.76, MAg 0.49, SAg 0.53 *** New Hijri Month: 01-Shl at Thu 2021-05-13
W21	Sat 2021 May 15	Transit: GCen 21:07, RCen 23:06, Sco 00:58, Ly 03:05 ** Strn 05:29, Plu 04:21 At Point Zero/RISE SET: Sun 05:52 17:59, Moon 08:43 21:07, Mrc 07:21 19:24, Vns 06:44 18:47, Mars 09:19 21:22, Jup 00:33 12:36, Strn 23:23 11:30, Ura 05:03 17:06, Nep 01:56 13:59, Plu 22:16 10:23 ** MoonPhase 11.89% ** Mrc Sets 01:24 After Sunset. ** Vns Sets 00:47 After Sunset.
W22	Sat 2021 May 22	Transit: GCen 20:40, RCen 22:38, Sco 00:30, Ly 02:37 ** Strn 05:02, Plu 03:54 At Point Zero/RISE SET: Sun 05:53 18:00, Moon 14:34 02:08, Mrc 07:20 19:23, Vns 06:53 18:56, Mars 09:10 21:13, Jup 00:08 12:11, Strn 22:56 11:03, Ura 04:37 16:40, Nep 01:29 13:32, Plu 21:48 09:55 ** MoonPhase 78.36% ** Mrc Sets 01:23 After Sunset. ** Vns Sets 00:56 After Sunset. *** Full Moon: 2021-05-26 Wed 11:13 GMT, MB 0.47, MAg 0.56, SAg 0.53 \$** Total Lunar eclipse around Longitude 168:15:00 W
W23	Sat 2021 May 29	Transit: GCen 20:12, RCen 22:11, Sco 00:03, Ly 02:10 ** Jup 05:44, Strn 04:34, Plu 03:26 At Point Zero/RISE SET: Sun 05:53 18:01, Moon 21:25 08:53, Mrc 07:04 19:07, Vns 07:03 19:06, Mars 09:01 21:04, Jup 23:39 11:46, Strn 22:29 10:35, Ura 04:11 16:14, Nep 01:02 13:05, Plu 21:20 09:27 ** MoonPhase 87.09% ** Mrc Sets 01:06 After Sunset. ** Vns Sets 01:04 After Sunset.
W24	Sat 2021 Jun 5	Transit: RCen 21:43, Sco 23:31, Ly 01:42, Cy 03:46 ** Jup 05:18, Strn 04:06, Plu 02:58 At Point Zero/RISE SET: Sun 05:54 18:02, Moon 02:12 14:31, Mrc 06:31 18:34, Vns 07:12 19:15, Mars 08:52 20:55, Jup 23:13 11:20, Strn 22:01 10:07, Ura 03:45 15:48, Nep 00:35 12:38, Plu 20:52 08:59 ** MoonPhase 20.50% ** Mrc Sets 00:32 After Sunset. ** Vns Sets 01:13 After Sunset. *** New Moon: 2021-06-10 Thu 10:52 GMT, MB 0.85, MAg 0.49, SAg 0.53 \$** Partial Solar eclipse around Longitude 17:00:00 E north the Equator
W25	Sat 2021 Jun 12	Transit: RCen 21:15, Sco 23:04, Ly 01:15, Cy 03:19 ** Jup 04:52, Strn 03:38, Plu 02:30 At Point Zero/RISE SET: Sun 05:56 18:03, Moon 07:30 19:56, Mrc 05:49 17:52, Vns 07:22 19:25, Mars 08:42 20:45, Jup 22:47 10:53, Strn 21:32 09:39, Ura 03:19 15:22, Nep 00:08 12:10, Plu 20:24 08:31 ** MoonPhase 3.86% ** Mrc Rises 00:06 Before Sunrise. ** Vns Sets 01:22 After Sunset. *** New Hijri Month: 01-Qdh at Sat 2021-06-12
W26	Sat 2021 Jun 19	Transit: RCen 20:48, Sco 22:36, Ly 00:47, Cy 02:51 ** Jup 04:25, Strn 03:09, Nep 05:42, Plu 02:02 At Point Zero/RISE SET: Sun 05:57 18:05, Moon 13:15 00:50, Mrc 05:09 17:11, Vns 07:32 19:35, Mars 08:33 20:36, Jup 22:20 10:26, Strn 21:04 09:11, Ura 02:53 14:56, Nep 23:36 11:43, Plu 19:56 08:03 ** MoonPhase 64.86% ** Mrc Rises 00:48 Before Sunrise. ** Vns Sets 01:30 After Sunset. *** Full Moon: 2021-06-24 Thu 18:39 GMT, MB -2.06, MAg 0.55, SAg 0.52

W27	Sat 2021 Jun 26	Transit: RCen 20:20, Sco 22:09, Ly 00:20, Cy 02:23 ** Jup 03:57, Strn 02:40, Nep 05:14, Plu 01:33 At Point Zero/RISE SET: Sun 05:59 18:06, Moon 20:07 07:36, Mrc 04:40 16:43, Vns 07:41 19:44, Mars 08:23 20:26, Jup 21:52 09:59, Strn 20:35 08:42, Ura 02:26 14:29, Nep 23:09 11:15, Plu 19:28 07:35 ** MoonPhase 95.81% ** Mrc Rises 01:18 Before Sunrise. ** Vns Sets 01:37 After Sunset.
W28	Sat 2021 Jul 3	Transit: Sco 21:41, Ly 23:48, Cy 01:56, Pic 04:13 ** Jup 03:29, Strn 02:11, Nep 04:47, Plu 01:05 At Point Zero/RISE SET: Sun 06:00 18:07, Moon 00:50 13:10, Mrc 04:28 16:31, Vns 07:49 19:51, Mars 08:13 20:16, Jup 21:24 09:30, Strn 20:06 08:13, Ura 02:00 14:03, Nep 22:41 10:48, Plu 19:00 07:07 ** MoonPhase 34.53% ** Mrc Rises 01:32 Before Sunrise. ** Vns Sets 01:44 After Sunset.
W29	Sat 2021 Jul 10	Transit: Sco 21:14, Ly 23:21, Cy 01:28, Pic 03:45 ** Jup 03:00, Strn 01:42, Nep 04:19, Plu 00:37 At Point Zero/RISE SET: Sun 06:01 18:08, Moon 06:18 18:43, Mrc 04:31 16:34, Vns 07:55 19:58, Mars 08:03 20:06, Jup 20:55 09:02, Strn 19:37 07:44, Ura 01:33 13:36, Nep 22:14 10:20, Plu 18:32 06:39 ** MoonPhase 0.20% ** Mrc Rises 01:30 Before Sunrise. ** Vns Sets 01:49 After Sunset. *** New Moon: 2021-07-10 Sat 01:16 GMT, MB 3.18, MAg 0.5, SAg 0.52 *** New Hijri Month: 01-Hjh at Sun 2021-07-11
W30	Sat 2021 Jul 17	Transit: Sco 20:46, Ly 22:53, Cy 01:01, Pic 03:18 ** Jup 02:31, Strn 01:13, Nep 03:51, Plu 00:09 At Point Zero/RISE SET: Sun 06:02 18:09, Moon 12:00 \$, Mrc 04:50 16:53, Vns 08:01 20:04, Mars 07:52 19:55, Jup 20:26 08:32, Strn 19:07 07:14, Ura 01:07 13:10, Nep 21:46 09:52, Plu 18:03 06:10 ** MoonPhase 50.86% ** Mrc Rises 01:12 Before Sunrise. ** Vns Sets 01:54 After Sunset.
W31	Sat 2021 Jul 24	Transit: Sco 20:19, Ly 22:26, Cy 00:33, Pic 02:50 ** Jup 02:01, Strn 00:43, Nep 03:23, Plu 23:37 At Point Zero/RISE SET: Sun 06:02 18:09, Moon 18:49 06:18, Mrc 05:20 17:23, Vns 08:06 20:09, Mars 07:42 19:45, Jup 19:56 08:02, Strn 18:38 06:45, Ura 00:40 12:43, Nep 21:18 09:25, Plu 17:35 05:42 ** MoonPhase 99.79% ** Mrc Rises 00:42 Before Sunrise. ** Vns Sets 01:59 After Sunset. *** Full Moon: 2021-07-24 Sat 02:36 GMT, MB -4.02, MAg 0.54, SAg 0.52
W32	Sat 2021 Jul 31	Transit: Sco 19:51, Ly 21:58, Cy 00:06, Pic 02:23 ** Jup 01:31, Strn 00:14, Nep 02:55, Plu 23:08 At Point Zero/RISE SET: Sun 06:02 18:09, Moon \$ 11:47, Mrc 05:55 17:58, Vns 08:10 20:12, Mars 07:31 19:34, Jup 19:25 07:32, Strn 18:08 06:15, Ura 00:13 12:16, Nep 20:50 08:57, Plu 17:07 05:14 ** MoonPhase 50.49% ** Mrc Rises 00:07 Before Sunrise. ** Vns Sets 02:03 After Sunset.
W33	Sat 2021 Aug 7	Transit: Ly 21:31, Cy 23:34, Pic 01:55, Cas 03:38 ** Jup 01:00, Strn 23:40, Ura 05:47, Nep 02:27, Plu 22:40 At Point Zero/RISE SET: Sun 06:02 18:09, Moon 05:03 17:28, Mrc 06:26 18:28, Vns 08:13 20:16, Mars 07:20 19:23, Jup 18:55 07:01, Strn 17:39 05:45, Ura 23:42 11:49, Nep 20:22 08:29, Plu 16:39 04:46 ** MoonPhase 1.25% ** Mrc Sets 00:19 After Sunset. ** Vns Sets 02:06 After Sunset. *** New Moon: 2021-08-08 Sun 13:49 GMT, MB 4.65, MAg 0.51, SAg 0.53 *** New Hijri Month: 01-Mhr at Tue 2021-08-10

W34	Sat 2021 Aug 14	Transit: Ly 21:03, Cy 23:07, Pic 01:28, Cas 03:11 ** Jup 00:29, Strn 23:11, Ura 05:20, Nep 01:59, Plu 22:12 At Point Zero/RISE SET: Sun 06:01 18:07, Moon 10:47 23:11, Mrc 06:49 18:51, Vns 08:15 20:18, Mars 07:09 19:12, Jup 18:24 06:30, Strn 17:09 05:16, Ura 23:15 11:21, Nep 19:54 08:01, Plu 16:11 04:17 ** MoonPhase 37.16% ** Mrc Sets 00:44 After Sunset. ** Vns Sets 02:10 After Sunset.
W35	Sat 2021 Aug 21	Transit: Ly 20:36, Cy 22:39, Pic 01:00, Cas 02:43 ** Jup 23:54, Strn 22:41, Ura 04:53, Nep 01:31, Plu 21:44 At Point Zero/RISE SET: Sun 05:59 18:06, Moon 17:31 05:03, Mrc 07:05 19:08, Vns 08:18 20:20, Mars 06:58 19:01, Jup 17:53 05:59, Strn 16:40 04:46, Ura 22:47 10:54, Nep 19:26 07:32, Plu 15:42 03:49 ** MoonPhase 98.77% ** Mrc Sets 01:02 After Sunset. ** Vns Sets 02:14 After Sunset. *** Full Moon: 2021-08-22 Sun 12:01 GMT, MB -4.94, MAg 0.53, SAg 0.53
W36	Sat 2021 Aug 28	Transit: Ly 20:08, Cy 22:12, Pic 00:33, Cas 02:16 ** Jup 23:23, Strn 22:12, Ura 04:25, Nep 01:03, Plu 21:16 At Point Zero/RISE SET: Sun 05:57 18:04, Moon 22:47 10:24, Mrc 07:17 19:19, Vns 08:20 20:22, Mars 06:47 18:50, Jup 17:22 05:28, Strn 16:10 04:17, Ura 22:20 10:26, Nep 18:58 07:04, Plu 15:14 03:21 ** MoonPhase 66.74% ** Mrc Sets 01:15 After Sunset. ** Vns Sets 02:18 After Sunset.
W37	Sat 2021 Sep 4	Transit: Cy 21:44, Pic 00:05, Cas 01:48, Cet 03:50 ** Jup 22:52, Strn 21:43, Ura 03:57, Nep 00:35, Plu 20:48 At Point Zero/RISE SET: Sun 05:55 18:02, Moon 03:45 16:10, Mrc 07:23 19:26, Vns 08:22 20:24, Mars 06:36 18:39, Jup 16:51 04:57, Strn 15:41 03:48, Ura 21:52 09:59, Nep 18:30 06:36, Plu 14:46 02:53 ** MoonPhase 7.36% ** Mrc Sets 01:24 After Sunset. ** Vns Sets 02:22 After Sunset. *** New Moon: 2021-09-07 Tue 00:51 GMT, MB 4.93, MAg 0.53, SAg 0.53 *** New Hijri Month: 01-Sfr at Wed 2021-09-08
W38	Sat 2021 Sep 11	Transit: Cy 21:17, Pic 23:34, Cas 01:21, Cet 03:22 ** Jup 22:22, Strn 21:14, Ura 03:29, Nep 00:07, Plu 20:20 At Point Zero/RISE SET: Sun 05:53 17:59, Moon 09:35 22:01, Mrc 07:25 19:28, Vns 08:24 20:27, Mars 06:25 18:28, Jup 16:20 04:27, Strn 15:12 03:19, Ura 21:24 09:31, Nep 18:01 06:08, Plu 14:19 02:25 ** MoonPhase 24.16% ** Mrc Sets 01:28 After Sunset. ** Vns Sets 02:27 After Sunset.
W39	Sat 2021 Sep 18	Transit: Cy 20:49, Pic 23:06, Cas 00:53, Cet 02:55 ** Jup 21:51, Strn 20:45, Ura 03:01, Nep 23:34, Plu 19:52 At Point Zero/RISE SET: Sun 05:50 17:57, Moon 16:16 03:49, Mrc 07:21 19:23, Vns 08:27 20:30, Mars 06:14 18:17, Jup 15:50 03:57, Strn 14:43 02:50, Ura 20:56 09:03, Nep 17:33 05:40, Plu 13:51 01:58 ** MoonPhase 93.10% ** Mrc Sets 01:26 After Sunset. ** Vns Sets 02:32 After Sunset. *** Full Moon: 2021-09-20 Mon 23:54 GMT, MB -4.59, MAg 0.51, SAg 0.53
W40	Sat 2021 Sep 25	Transit: Cy 20:22, Pic 22:39, Cas 00:26, Cet 02:27 ** Jup 21:21, Strn 20:16, Ura 02:33, Nep 23:06, Plu 19:24 At Point Zero/RISE SET: Sun 05:48 17:54, Moon 21:25 09:02, Mrc 07:06 19:09, Vns 08:30 20:33, Mars 06:03 18:06, Jup 15:20 03:27, Strn 14:15 02:22, Ura 20:28 08:34, Nep 17:05 05:11, Plu 13:23 01:30 ** MoonPhase 81.38% ** Mrc Sets 01:14 After Sunset. ** Vns Sets 02:38 After Sunset.

W41	Sat 2021 Oct 2	Transit: Pic 22:11, Cas 23:54, Cet 02:00, Tau 03:52 ** Jup 20:52, Strn 19:48, Ura 02:05, Nep 22:38, Plu 18:57 At Point Zero/RISE SET: Sun 05:46 17:52, Moon 02:26 14:50, Mrc 06:35 18:37, Vns 08:34 20:37, Mars 05:52 17:55, Jup 14:51 02:57, Strn 13:47 01:54, Ura 19:59 08:06, Nep 16:37 04:43, Plu 12:55 01:02 ** MoonPhase 18.45% ** Mrc Sets 00:45 After Sunset. ** Vns Sets 02:44 After Sunset. *** New Moon: 2021-10-06 Wed 11:05 GMT, MB 3.91, MAg 0.54, SAg 0.53 *** New Hijri Month: 01-Rb1 at Thu 2021-10-07
W42	Sat 2021 Oct 9	Transit: Pic 21:44, Cas 23:27, Cet 01:32, Tau 03:25 ** Jup 20:24, Strn 19:21, Ura 01:36, Nep 22:10, Plu 18:29 At Point Zero/RISE SET: Sun 05:43 17:50, Moon 08:22 20:49, Mrc 05:44 17:47, Vns 08:38 20:41, Mars 05:42 17:44, Jup 14:22 02:29, Strn 13:19 01:26, Ura 19:31 07:38, Nep 16:09 04:15, Plu 12:28 00:35 ** MoonPhase 12.56% ** Vns Sets 02:51 After Sunset.
W43	Sat 2021 Oct 16	Transit: Pic 21:16, Cas 22:59, Cet 01:05, Tau 02:57 ** Jup 19:55, Strn 18:53, Ura 01:08, Nep 21:42, Plu 18:02 At Point Zero/RISE SET: Sun 05:42 17:48, Moon 15:01 02:36, Mrc 04:56 16:58, Vns 08:43 20:46, Mars 05:31 17:34, Jup 13:54 02:01, Strn 12:52 00:58, Ura 19:02 07:09, Nep 15:40 03:47, Plu 12:00 00:07 ** MoonPhase 83.41% ** Mrc Rises 00:46 Before Sunrise. ** Vns Sets 02:57 After Sunset. *** Full Moon: 2021-10-20 Wed 14:56 GMT, MB -2.97, MAg 0.5, SAg 0.54
W44	Sat 2021 Oct 23	Transit: Pic 20:49, Cas 22:32, Cet 00:37, Tau 02:30 ** Jup 19:28, Strn 18:26, Ura 00:39, Nep 21:14 At Point Zero/RISE SET: Sun 05:41 17:47, Moon 20:06 07:42, Mrc 04:34 16:37, Vns 08:47 20:50, Mars 05:21 17:24, Jup 13:27 01:33, Strn 12:25 00:31, Ura 18:34 06:40, Nep 15:12 03:19, Plu 11:33 23:36 ** MoonPhase 92.55% ** Mrc Rises 01:06 Before Sunrise. ** Vns Sets 03:03 After Sunset.
W45	Sat 2021 Oct 30	Transit: Pic 20:21, Cas 22:04, Cet 00:09, Tau 02:02 ** Jup 19:01, Strn 17:59, Ura 00:10, Nep 20:46 At Point Zero/RISE SET: Sun 05:40 17:47, Moon 01:05 13:29, Mrc 04:36 16:39, Vns 08:51 20:54, Mars 05:11 17:14, Jup 13:00 01:07, Strn 11:58 00:05, Ura 18:05 06:12, Nep 14:44 02:51, Plu 11:06 23:09 ** MoonPhase 33.45% ** Mrc Rises 01:03 Before Sunrise. ** Vns Sets 03:07 After Sunset. *** New Moon: 2021-11-04 Thu 21:14 GMT, MB 1.77, MAg 0.55, SAg 0.54
W46	Sat 2021 Nov 6	Transit: Cas 21:36, Cet 23:38, Tau 01:35, CM 03:43 ** Jup 18:35, Ura 23:38, Nep 20:18 At Point Zero/RISE SET: Sun 05:40 17:47, Moon 07:05 19:34, Mrc 04:48 16:50, Vns 08:54 20:57, Mars 05:01 17:04, Jup 12:34 00:40, Strn 11:31 23:34, Ura 17:36 05:43, Nep 14:16 02:23, Plu 10:39 22:42 ** MoonPhase 3.84% ** Mrc Rises 00:52 Before Sunrise. ** Vns Sets 03:10 After Sunset. *** New Hijri Month: 01-Rb2 at Sat 2021-11-06
W47	Sat 2021 Nov 13	Transit: Cas 21:09, Cet 23:11, Tau 01:07, CM 03:16 ** Jup 18:10, Ura 23:09, Nep 19:50 At Point Zero/RISE SET: Sun 05:40 17:47, Moon 13:46 01:22, Mrc 05:02 17:05, Vns 08:55 20:58, Mars 04:52 16:55, Jup 12:08 00:15, Strn 11:05 23:08, Ura 17:08 05:14, Nep 13:49 01:55, Plu 10:12 22:15 ** MoonPhase 70.31% ** Mrc Rises 00:38 Before Sunrise. ** Vns Sets 03:10 After Sunset. *** Full Moon: 2021-11-19 Fri 08:57 GMT, MB -0.43, MAg 0.49, SAg 0.54 \$** Total Lunar eclipse around Longitude 134:15:00 W

W48	Sat 2021 Nov 20	Transit: Cas 20:41, Cet 22:43, Tau 00:40, CM 02:48 ** Ura 22:41, Nep 19:22 At Point Zero/RISE SET: Sun 05:42 17:49, Moon 18:50 06:25, Mrc 05:19 17:21, Vns 08:54 20:57, Mars 04:43 16:46, Jup 11:43 23:46, Strn 10:39 22:42, Ura 16:39 04:46, Nep 13:21 01:27, Plu 09:45 21:48 ** MoonPhase 98.88% ** Mrc Rises 00:23 Before Sunrise. ** Vns Sets 03:07 After Sunset.
W49	Sat 2021 Nov 27	Transit: Cas 20:14, Cet 22:15, Tau 00:12, CM 02:21 ** Ura 22:12, Nep 18:55 At Point Zero/RISE SET: Sun 05:44 17:51, Moon \$ 12:09, Mrc 05:36 17:39, Vns 08:49 20:52, Mars 04:35 16:37, Jup 11:19 23:21, Strn 10:14 22:17, Ura 16:11 04:17, Nep 12:53 01:00, Plu 09:18 21:21 ** MoonPhase 50.28% ** Mrc Rises 00:07 Before Sunrise. ** Vns Sets 03:00 After Sunset.
W50	Sat 2021 Dec 4	Transit: Cet 21:48, Tau 23:41, CM 01:53, Hy 03:55 ** Ura 21:43, Nep 18:27 At Point Zero/RISE SET: Sun 05:46 17:54, Moon 05:45 18:15, Mrc 05:55 17:58, Vns 08:39 20:42, Mars 04:27 16:29, Jup 10:55 22:57, Strn 09:49 21:51, Ura 15:42 03:49, Nep 12:26 00:32, Plu 08:51 20:54 ** MoonPhase 0.05% ** Mrc Sets 00:04 After Sunset. ** Vns Sets 02:48 After Sunset. *** New Moon: 2021-12-04 Sat 07:42 GMT, MB -0.97, MAg 0.56, SAg 0.54 \$** Partial Solar eclipse around Longitude 64:30:00 E south the Equator *** New Hijri Month: 01-Jm1 at Sun 2021-12-05
W51	Sat 2021 Dec 11	Transit: Cet 21:20, Tau 23:13, CM 01:26, Hy 03:27 ** Ura 21:15, Nep 18:00 At Point Zero/RISE SET: Sun 05:49 17:57, Moon 12:28 00:05, Mrc 06:15 18:18, Vns 08:24 20:27, Mars 04:19 16:22, Jup 10:31 22:34, Strn 09:23 21:26, Ura 15:14 03:20, Nep 11:58 00:05, Plu 08:24 20:27 ** MoonPhase 54.51% ** Mrc Sets 00:21 After Sunset. ** Vns Sets 02:29 After Sunset.
W52	Sat 2021 Dec 18	Transit: Cet 20:53, Tau 22:46, CM 00:58, Hy 03:00 ** Ura 20:47 At Point Zero/RISE SET: Sun 05:53 18:00, Moon 17:35 05:09, Mrc 06:36 18:39, Vns 08:01 20:04, Mars 04:12 16:14, Jup 10:08 22:11, Strn 08:59 21:01, Ura 14:45 02:52, Nep 11:31 23:34, Plu 07:58 20:01 ** MoonPhase 99.57% ** Mrc Sets 00:39 After Sunset. ** Vns Sets 02:03 After Sunset. *** Full Moon: 2021-12-19 Sun 04:35 GMT, MB 2.3, MAg 0.49, SAg 0.54
W53	Sat 2021 Dec 25	Transit: Cet 20:25, Tau 22:18, CM 00:30, Hy 02:32 ** Ura 20:19 At Point Zero/RISE SET: Sun 05:56 18:04, Moon 23:15 10:51, Mrc 06:57 19:00, Vns 07:30 19:33, Mars 04:05 16:08, Jup 09:45 21:48, Strn 08:34 20:37, Ura 14:17 02:24, Nep 11:04 23:06, Plu 07:31 19:34 ** MoonPhase 66.60% ** Mrc Sets 00:56 After Sunset. ** Vns Sets 01:29 After Sunset.