

2019

Astronomical Calendar

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 (avg 0.523).

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

**Hijri Months:** **Rb** (Rabiul Awwal), **Srf** (Safar), **Rbd** (Rabi Thani), **Jmd** (Jumada Awwal), **Jm2** (Jumada Thani), **Rbj** (Rajab), **Shn** (Shaban), **Rmd** (Ramadan), **Sh** (Shawwal), **Qdh** (Zul Qadha), **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 fallop criteria, and 91% of SAAO criteria (the most two recognized criteria for crescent sighting).

For more info: "The Rule of 29" at [www.omr-mimud.yolasite.com](http://www.omr-mimud.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 (apparent magnitude)	الكنة
CM	Canis Majoris	Sirius <sup>1</sup> , <b>السياسة</b>	1.0	القنبرة
Hy	Hydrae	Hydras Epsilon <sup>2</sup> , <b>الحيّة</b>	2.57	الحيّة
Leo	Leonis	Algieba <sup>3</sup> , <b>الجبّية</b>	2.0	الجبّية
Gen	Centauri	Muhlifain <sup>4</sup> , <b>المنكب</b>	0.7	المنكب
Rcm	Centauri	Rigil Kentaurus <sup>5</sup> , <b>المنكب</b>	0.1	المنكب
Sco	Scorpii	Antares <sup>6</sup> , <b>المنكب</b>	0.9	المنكب
Ly	Lyrae	Vega <sup>7</sup> , <b>المنكب</b>	0.0	المنكب
Cy	Cygni	Deneb <sup>8</sup> , <b>المنكب</b>	1.8	المنكب
Pl	Piccis Austrini	Fomalhaut <sup>9</sup> , <b>المنكب</b>	4.7	المنكب
Cas	Cassiopeiæ	Schedar <sup>10</sup> , <b>المنكب</b>	2.2	المنكب
Cet	Ceti	Kafkhalidma <sup>11</sup> , <b>المنكب</b>	2.7	المنكب
Tau	Tauri	Aldebaran <sup>12</sup> , <b>المنكب</b>	0.7	المنكب

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

W9	Sat <b>Feb 23</b>	Transit: Cet 20:11, Tau 22:03, Leo 00:16, Hy 02:18 ** Ura 19:16 At Point Zero/RISE SET: Sun 05:58 18:05, Moon 5:12:09, Mrc 04:39 16:42, Vns 02:42 14:45, Mars 11:17 23:19, Jup 04:04 16:06, Strm 06:12 18:14, Ura 13:15 01:21, Nep 10:25 22:27, Plu 06:53 18:56 ** MoonPhase 48.83% *** Mrc Rises 01:18 Before Sunrise. ** Vns Rises 03:16 Before Sunrise.
W10	Sat	Transit: Hy 22:06, Leo 22:39, Gcen 02:04, Rcen 04:02 At Point Zero/RISE SET: Sun 06:10 18:16, Moon 11:48 09:32, Mrc 07:11 19:14, Vns 03:19 15:22, Mars 09:56 21:59, Jup 01:06 13:09, Strm 02:58 15:01, Ura 09:38 21:41, Nep 06:51 18:54, Plu 09:21 15:24 ** MoonPhase 79.99% *** Mrc Sets 00:57 After Sunset. ** Vns Rises 02:50 Before Sunrise.
<b>Mar 2</b>	Sat <b>Mar 2</b>	Transit: Hy 22:06, Leo 22:39, Gcen 02:04, Rcen 04:02 At Point Zero/RISE SET: Sun 06:10 18:16, Moon 11:48 09:32, Mrc 07:08 19:10, Vns 03:26 15:29, Mars 09:47 21:50, Jup 00:42 12:45, Strm 02:33 14:36, Ura 09:11 21:14, Nep 06:24 18:27, Plu 09:24 14:57 ** MoonPhase 14.71% *** Mrc Sets 00:55 After Sunset. ** Vns Rises 02:42 Before Sunrise. *** New Moon: 2019-03-06 Wed 16:03 GMT, MB -3.95, MAG 0.49, SAG 0.54 *** New Hijri Month: 01-Rjb at Fri 2019-03-08
W11	Sat	Transit: Hy 21:38, Leo 23:11, Gcen 01:37, Rcen 03:35 At Point Zero/RISE SET: Sun 06:07 18:13, Moon 08:07 18:13, Moon 08:07 18:13, Mrc 06:39 18:42, Vns 03:33 15:36, Mars 09:38 21:41, Jup 00:18 12:21, Strm 02:08 14:11, Ura 08:45 20:48, Nep 05:58 18:00, Plu 09:27 14:30 ** MoonPhase 7.36% *** Mrc Sets 00:28 After Sunset. ** Vns Rises 02:33 Before Sunrise.
W12	Sat <b>Mar 16</b>	Transit: Hy 21:11, Leo 22:44, Gcen 01:09, Rcen 03:07 ** Jup 05:54 At Point Zero/RISE SET: Sun 06:05 18:11, Moon 14:06 01:35, Mrc 05:52 17:54, Vns 03:40 15:42, Mars 09:29 21:32, Jup 00:42 12:45, Strm 01:43 13:45, Ura 08:19 20:21, Nep 05:31 17:34, Plu 09:20 14:03 ** MoonPhase 72.42% *** Mrc Rises 00:13 Before Sunrise. ** Vns Rises 02:25 Before Sunrise. *** Full Moon: 2019-03-21 Thu 01:42 GMT, MB 4.64, MAG 0.55, SAG 0.54 *** New Hijri Month: 01-Rbi at Fri 2019-03-23
W13	Sat <b>Mar 23</b>	Transit: Hy 20:43, Leo 22:16, Gcen 00:42, Rcen 02:40 ** Jup 05:29 At Point Zero/RISE SET: Sun 06:03 18:09, Moon 20:36 08:09, Mrc 05:05 17:08, Vns 03:46 15:48, Mars 09:20 21:23, Jup 23:24 11:30, Strm 01:17 13:20, Ura 07:53 19:55, Nep 05:05 17:07, Plu 01:33 13:36 ** MoonPhase 91.81% *** Mrc Rises 00:57 Before Sunrise. ** Vns Rises 02:17 Before Sunrise.
W14	Sat <b>Mar 30</b>	Transit: Hy 20:16, Leo 21:49, Gcen 00:14, Rcen 02:12 ** Jup 05:03 At Point Zero/RISE SET: Sun 06:01 18:07, Moon 14:40 01:40, Mrc 04:35 16:38, Vns 03:51 15:53, Mars 09:12 21:15, Jup 22:57 11:04, Strm 00:51 12:54, Ura 07:26 19:29, Nep 04:38 16:41, Plu 01:06 13:09 ** MoonPhase 28.44% *** Mrc Rises 01:28 Before Sunrise. ** Vns Rises 02:10 Before Sunrise. *** New Moon: 2019-04-05 Fri 08:50 GMT, MB -4.95, MAG 0.5, SAG 0.53 *** Full Moon: 2019-04-19 Fri 11:11 GMT, MB 4.98, MAG 0.54, SAG 0.53 *** New Hijri Month: 01-Shn at Sat 2019-04-06
W15	Sat <b>Apr 6</b>	Transit: Leo 20:54, Gcen 23:15, Rcen 01:17, Sco 03:06 ** Jup 04:09 At Point Zero/RISE SET: Sun 05:57 18:03, Moon 12:56 00:26, Mrc 04:17 16:20, Vns 03:59 16:02, Mars 08:56 20:59, Jup 22:03 10:10, Strm 23:54 12:01, Ura 06:34 18:37, Nep 03:45 15:47, Plu 00:12 12:15 ** MoonPhase 57.94% *** Mrc Rises 01:39 Before Sunrise. ** Vns Rises 01:57 Before Sunrise. *** Full Moon: 2019-04-19 Fri 11:11 GMT, MB 4.95, MAG 0.54, SAG 0.53 *** New Hijri Month: 01-Shn at Sat 2019-04-06
W16	Sat <b>Apr 13</b>	Transit: Leo 20:26, Gcen 22:48, Rcen 00:50, Sco 02:38 ** Jup 03:41, Strm 05:33, Vns 03:46 16:06, Mars 08:48 20:51, Jup 21:35 09:42, Strm 23:27 11:34, Ura 06:08 18:11, Nep 03:18 15:21, Plu 23:40 11:47 ** MoonPhase 98.57% *** Mrc Rises 01:34 Before Sunrise. ** Vns Rises 01:51 Before Sunrise.
W17	Sat <b>Apr 20</b>	Transit: Leo 20:26, Gcen 22:48, Rcen 00:50, Sco 02:38 ** Jup 03:41, Strm 05:33, Vns 03:46 16:06, Mars 08:48 20:51, Jup 21:35 09:42, Strm 23:27 11:34, Ura 06:08 18:11, Nep 03:18 15:21, Plu 23:40 11:47 ** MoonPhase 98.57% *** Mrc Rises 01:34 Before Sunrise. ** Vns Rises 01:51 Before Sunrise.

W18	Sat <b>Apr 27</b>	Transit: Leo 19:58, Gcen 22:20, Rcen 00:22, Sco 02:11 ** Jup 03:12, Strm 05:06, Plu 05:18 At Point Zero/RISE SET: Sun 05:54 18:01, Moon 00:22 12:45, Mrc 04:30 16:33, Vns 04:07 16:10, Mars 08:50 20:53, Jup 21:06 09:13, Strm 23:00 11:07, Ura 05:42 17:45, Nep 02:51 15:54, Plu 23:13 11:20 ** MoonPhase 44.61% *** Mrc Rises 01:23 Before Sunrise. ** Vns Rises 01:46 Before Sunrise.
W19	Sat <b>May 4</b>	Transit: Gcen 21:53, Rcen 23:51, Sco 01:43, Ly 03:50 ** Jup 02:43, Strm 04:38, Plu 04:51 At Point Zero/RISE SET: Sun 05:53 18:00, Moon 00:55 12:52, Mrc 04:35 16:47, Vns 04:11 16:13, Mars 08:52 20:58, Jup 20:37 08:44, Strm 22:33 10:39, Ura 05:16 17:19, Nep 02:25 14:27, Plu 22:45 10:52 ** MoonPhase 0.22% *** Mrc Rises 01:08 Before Sunrise. ** Vns Rises 01:42 Before Sunrise. *** New Moon: 2019-05-04 Sat 22:45 GMT, MB -4.56, MAG 0.51, SAG 0.53 *** New Hijri Month: 01-Rmd at Mon 2019-05-06
W20	Sat <b>May 11</b>	Transit: Gcen 21:25, Rcen 23:23, Sco 01:16, Ly 03:23 ** Jup 02:13, Strm 04:10, Plu 04:23 At Point Zero/RISE SET: Sun 05:52 17:59, Moon 11:49 S, Mrc 05:05 17:08, Vns 04:15 16:17, Mars 08:25 20:28, Jup 20:07 08:14, Strm 22:05 10:12, Ura 04:50 16:53, Nep 01:58 14:00, Plu 22:18 10:24 ** MoonPhase 43.72% *** Mrc Rises 00:47 Before Sunrise. ** Vns Rises 01:37 Before Sunrise.
W21	Sat <b>May 18</b>	Transit: Gcen 20:58, Rcen 22:56, Sco 00:48, Ly 02:55 ** Jup 01:42, Strm 03:42, Plu 03:55 At Point Zero/RISE SET: Sun 05:52 18:00, Moon 17:53 05:26, Mrc 05:34 17:36, Vns 04:19 16:22, Mars 08:17 20:20, Jup 19:37 07:44, Strm 21:37 09:43, Ura 04:24 16:27, Nep 01:31 13:33, Plu 21:50 09:57 ** MoonPhase 99.82% *** Mrc Rises 00:18 Before Sunrise. ** Vns Rises 01:33 Before Sunrise. *** Full Moon: 2019-05-18 Sat 21:11 GMT, MB 3.95, MAG 0.53, SAG 0.53 *** New Hijri Month: 01-Rmd at Mon 2019-05-06
W22	Sat <b>May 25</b>	Transit: Gcen 20:30, Rcen 22:28, Sco 00:20, Ly 02:28 ** Jup 01:11, Strm 03:13, Plu 03:27 At Point Zero/RISE SET: Sun 05:53 18:00, Moon 23:48 11:24, Mrc 06:08 18:11, Vns 04:24 16:27, Mars 08:09 20:12, Jup 19:06 07:13, Strm 21:08 09:15, Ura 03:58 16:01, Nep 01:03 13:06, Plu 21:22 09:29 ** MoonPhase 61.25% *** Mrc Sets 00:11 After Sunset. ** Vns Rises 01:28 Before Sunrise.
W23	Sat <b>Jun 1</b>	Transit: Rcen 22:01, Sco 23:49, Ly 02:00, Cy 04:04 ** Jup 00:40, Strm 02:45, Plu 02:59 At Point Zero/RISE SET: Sun 05:54 18:01, Moon 04:09 16:32, Mrc 06:44 18:47, Vns 04:30 16:33, Mars 08:02 20:05, Jup 18:35 06:42, Strm 20:39 08:46, Ura 03:32 15:35, Nep 00:36 12:39, Plu 20:54 09:01 ** MoonPhase 4.30% *** Mrc Sets 00:46 After Sunset. ** Vns Rises 01:23 Before Sunrise. *** New Moon: 2019-06-03 Mon 10:01 GMT, MB -2.99, MAG 0.53, SAG 0.53 *** New Hijri Month: 01-Shi at Tue 2019-06-04
W24	Sat <b>Jun 8</b>	Transit: Rcen 21:33, Sco 23:24, Ly 01:33, Cy 03:36 ** Jup 00:09, Strm 02:16, Plu 02:31 At Point Zero/RISE SET: Sun 05:55 18:02, Moon 10:41 23:08, Mrc 07:15 19:18, Vns 04:37 16:40, Mars 07:54 19:57, Jup 18:04 06:10, Strm 20:10 08:17, Ura 03:06 15:09, Nep 00:09 12:13, Plu 20:26 08:33 ** MoonPhase 30.32% *** Mrc Rises 01:12 Before Sunrise. ** Vns Rises 01:22 Before Sunrise. *** Full Moon: 2019-06-10 Mon 10:01 GMT, MB -2.99, MAG 0.53, SAG 0.53 *** New Hijri Month: 01-Shi at Tue 2019-06-04
W25	Sat <b>Jun 15</b>	Transit: Rcen 21:06, Sco 22:54, Ly 01:05, Cy 03:09 ** Jup 23:34, Strm 01:46, Nep 05:43, Plu 02:03 At Point Zero/RISE SET: Sun 05:56 18:04, Moon 16:37 04:10, Mrc 07:35 19:38, Vns 04:45 16:48, Mars 07:45 19:48, Jup 17:32 05:39, Strm 19:41 07:48, Ura 02:40 14:42, Nep 23:38 11:44, Plu 19:58 08:05 ** MoonPhase 96.21% *** Mrc Sets 01:34 After Sunset. ** Vns Rises 01:11 Before Sunrise. *** Full Moon: 2019-06-17 Mon 08:30 GMT, MB 1.94, MAG 0.51, SAG 0.52

W48	Sat <b>Nov 23</b>	Transit: Cas 20:32, Cet 22:33, Tau 00:30, CM 02:38 ** Ura 21:58, Nep 18:56 At Point Zero/RISE SET: Sun 05:42 17:50, Moon 02:51 15:15, Mrc 04:29 16:32, Vns 07:31 19:34, Mars 03:50 15:52, Jup 07:38 19:41, Strm 09:01 21:04, Ura 15:56 04:03, Nep 12:54 01:03, Plu 09:19 21:22 ** MoonPhase 12.73% *** Mrc Rises 01:12 Before Sunrise. ** Vns Sets 01:44 After Sunset. *** New Moon: 2019-11-26 Tue 15:05 GMT, MB 2.95, MAG 0.55, SAG 0.54 *** New Hijri Month: 01-Rbz at Thu 2019-11-28
W49	Sat <b>Nov 30</b>	Transit: Cas 20:04, Cet 22:06, Tau 00:02, CM 02:11 ** Ura 21:29, Nep 18:28 At Point Zero/RISE SET: Sun 05:45 17:52, Moon 09:09 21:34, Mrc 04:24 16:26, Vns 07:41 19:44, Mars 03:40 15:43, Jup 07:17 19:20, Strm 08:36 20:39, Ura 15:28 03:34, Nep 12:27 00:33, Plu 08:52 20:55 ** MoonPhase 16.31% *** Mrc Rises 01:20 Before Sunrise. ** Vns Sets 01:52 After Sunset.
W50	Sat <b>Dec 7</b>	Transit: Cet 21:38, Tau 23:31, CM 01:43, Hy 03:45 ** Ura 21:01, Nep 18:01 At Point Zero/RISE SET: Sun 05:47 17:55, Moon 14:22 02:00, Mrc 04:31 16:34, Vns 07:52 19:53, Mars 03:10 15:13, Jup 06:56 18:59, Strm 08:12 20:15, Ura 15:00 03:06, Nep 11:59 00:06, Plu 08:26 20:29 ** MoonPhase 78.67% *** Mrc Rises 01:15 Before Sunrise. ** Vns Sets 02:00 After Sunset. *** Full Moon: 2019-12-12 Thu 05:12 GMT, MB -1.67, MAG 0.52, SAG 0.54 *** New Hijri Month: 01-Jmi at Fri 2019-12-27
W51	Sat <b>Dec 14</b>	Transit: Cet 21:11, Tau 23:03, CM 01:16, Hy 03:18 ** Ura 20:33 At Point Zero/RISE SET: Sun 05:50 17:58, Moon 20:19 07:49, Mrc 04:45 16:48, Vns 08:02 20:05, Mars 03:21 15:24, Jup 06:35 18:38, Strm 07:47 19:50, Ura 14:31 02:38, Nep 11:32 23:35, Plu 07:59 20:02 ** MoonPhase 93.89% *** Mrc Rises 01:05 Before Sunrise. ** Vns Sets 02:06 After Sunset.
W52	Sat <b>Dec 21</b>	Transit: Cet 20:43, Tau 22:36, CM 00:48, Hy 02:50 ** Ura 20:05 At Point Zero/RISE SET: Sun 05:54 18:01, Moon 01:37 14:00, Mrc 05:02 17:05, Vns 08:11 20:14, Mars 03:12 15:15, Jup 06:15 18:18, Strm 07:23 19:26, Ura 14:03 02:10, Nep 11:05 22:07, Plu 07:33 19:35 ** MoonPhase 24.95% *** Mrc Rises 00:51 Before Sunrise. ** Vns Sets 02:12 After Sunset. *** New Moon: 2019-12-26 Thu 05:13 GMT, MB 0.39, MAG 0.52, SAG 0.54 \$*** Total Solar eclipse around Longitude 101:45:00 E \$*** New Hijri Month: 01-Jmi at Fri 2019-12-27
W53	Sat <b>Dec 28</b>	Transit: Cet 20:15, Tau 22:02, CM 00:21, Hy 02:22 ** Ura 19:37 At Point Zero/RISE SET: Sun 05:57 18:05, Moon 07:50 20:15, Mrc 05:21 17:24, Vns 08:19 20:22, Mars 03:04 15:07, Jup 05:54 17:57, Strm 06:59 19:02, Ura 13:35 01:42, Nep 10:38 22:40, Plu 07:06 19:09 ** MoonPhase 5.45% *** Mrc Rises 00:35 Before Sunrise. ** Vns Sets 02:17 After Sunset.

W1	Sat <b>Dec 29</b>	Transit: Cet 20:11, Tau 22:03, CM 00:16, Hy 02:18 ** Ura 19:16 At Point Zero/RISE SET: Sun 05:58 18:05, Moon 5:12:09, Mrc 04:39 16:42, Vns 02:42 14:45, Mars 11:17 23:19, Jup 04:04 16:06, Strm 06:12 18:14, Ura 13:15 01:21, Nep 10:25 22:27, Plu 06:53 18:56 ** MoonPhase 48.83% *** Mrc Rises 01:18 Before Sunrise. ** Vns Rises 03:16 Before Sunrise.
W2	Sat <b>Jan 5</b>	Transit: Tau 21:36, CM 23:44, Hy 01:50, Leo 03:23 ** Ura 18:48 At Point Zero/RISE SET: Sun 06:01 18:09, Moon 05:25 17:49, Mrc 04:56 16:59, Vns 02:42 14:45, Mars 11:06 23:09, Jup 03:42 15:45, Strm 05:48 17:51, Ura 12:47 00:54, Nep 09:58 22:00, Plu 06:27 18:30 ** MoonPhase 0.29% *** Mrc Rises 01:04 Before Sunrise. ** Vns Rises 03:19 Before Sunrise. *** New Moon: 2019-01-06 Sun 01:28 GMT, MB 1.05, MAG 0.5, SAG 0.54 \$*** Partial Solar eclipse around Longitude 158:00:00 E north the Equator \$*** New Hijri Month: 01-Jmi at Mon 2019-01-07
W3	Sat <b>Jan 12</b>	Transit: Tau 21:08, CM 23:17, Hy 01:22, Leo 02:55 ** Ura 18:21 At Point Zero/RISE SET: Sun 06:04 18:11, Moon 10:45 23:06, Mrc 05:15 17:18, Vns 02:44 14:47, Mars 10:56 22:58, Jup 03:21 15:24, Strm 05:24 17:27, Ura 12:20 00:26, Nep 09:31 21:34, Plu 06:00 18:03 ** MoonPhase 32.75% *** Mrc Rises 00:48 Before Sunrise. ** Vns Rises 03:20 Before Sunrise.
W4	Sat <b>Jan 19</b>	Transit: Tau 21:08, CM 22:49, Hy 00:55, Leo 02:28 At Point Zero/RISE SET: Sun 06:07 18:14, Moon 16:39 04:07, Mrc 05:36 17:39, Vns 02:47 14:50, Mars 10:46 22:48, Jup 02:59 15:02, Strm 05:00 17:03, Ura 11:52 23:55, Nep 09:04 21:07, Plu 05:34 17:37 ** MoonPhase 95.67% *** Mrc Rises 00:30 Before Sunrise. ** Vns Rises 03:19 Before Sunrise. *** Full Moon: 2019-01-21 Mon 05:15 GMT, MB 0.38, MAG 0.56, SAG 0.54 \$*** Total Lunar eclipse around Longitude 78:45:00 W \$*** New Hijri Month: 01-Jmi at Mon 2019-02-01
W5	Sat <b>Jan 26</b>	Transit: Tau 20:13, CM 22:22, Hy 00:27, Leo 02:00 At Point Zero/RISE SET: Sun 06:08 18:16, Moon 23:18 10:52, Mrc 05:57 18:00, Vns 02:52 14:55, Mars 10:35 22:38, Jup 02:37 14:40, Strm 04:35 16:38, Ura 11:25 23:28, Nep 08:37 20:40, Plu 05:07 17:10 ** MoonPhase 64.89% *** Mrc Rises 00:11 Before Sunrise. ** Vns Rises 03:16 Before Sunrise.
W6	Sat <b>Feb 2</b>	Transit: CM 21:54, Hy 00:00, Leo 01:33, Gcen 03:54 At Point Zero/RISE SET: Sun 06:10 18:17, Moon 04:11 16:34, Mrc 06:19 18:22, Vns 02:58 15:01, Mars 10:25 22:28, Jup 02:15 14:18, Strm 04:11 16:14, Ura 10:58 23:01, Nep 08:11 20:13, Plu 04:41 16:44 ** MoonPhase 4.97% *** Mrc Sets 00:04 After Sunset. ** Vns Rises 03:11 Before Sunrise. *** New Moon: 2019-02-04 Mon 21:03 GMT, MB -1.73, MAG 0.49, SAG 0.54 *** New Hijri Month: 01-Jm2 at Wed 2019-02-06
W7	Sat <b>Feb 9</b>	Transit: CM 21:27, Hy 23:28, Leo 01:05, Gcen 03:27 At Point Zero/RISE SET: Sun 06:10 18:17, Moon 09:26 21:46, Mrc 06:40 18:43, Vns 03:04 15:07, Mars 10:15 22:18, Jup 01:52 13:55, Strm 03:47 15:50, Ura 10:31 22:34, Nep 07:44 19:47, Plu 04:14 16:17 ** MoonPhase 18.07% *** Mrc Sets 00:25 After Sunset. ** Vns Rises 03:05 Before Sunrise.
W8	Sat <b>Feb 16</b>	Transit: CM 20:59, Hy 23:01, Leo 00:38, Gcen 02:59 At Point Zero/RISE SET: Sun 06:10 18:17, Moon 15:21 02:48, Mrc 06:59 19:02, Vns 03:12 15:15, Mars 10:06 22:08, Jup 01:29 13:32, Strm 03:23 15:25, Ura 10:04 22:07, Nep 07:17 19:20, Plu 03:47 15:50 ** MoonPhase 85.78% *** Mrc Sets 00:44 After Sunset. ** Vns Rises 02:58 Before Sunrise. *** Full Moon: 2019-02-19 Tue 15:53 GMT, MB 2.98, MAG 0.56, SAG 0.54

W33	Sat <b>Aug 10</b>	Transit: Ly 21:21, Cy 23:25, Pic 01:46, Cas 03:28 ** Jup 19:34, Strm 21:46, Ura 05:06, Nep 01:35 12:01, Plu 22:14 At Point Zero/RISE SET: Sun 06:01 18:08, Moon 14:12 01:45, Mrc 04:41 16:44, Vns 05:57 18:00, Mars 06:31 18:34, Jup 13:33 01:40, Strm 15:44 03:51, Ura 23:01 11:07, Nep 19:55 08:02, Plu 16:12 04:19 ** MoonPhase 77.69% *** Mrc Rises 01:19 Before Sunrise. ** Vns Rises 0
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