Auréas / Francis Santoni

THE NEW INTERNATIONAL EPHEMERIDES 1900-2050

0h TDT

INTERNATIONAL EDITION

English - Français - Deutsch - Español - Italiano

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GENERAL CONCEPT

The planetary data in this ephemeris were obtained from the state-of-the-art DE200/LE200 ephemerides of the US Naval Observatory.

Longitudes

The initial data were computed for the barycenter of the solar system and then converted to apparent geocentric positions, with corrections for speed of light, aberration, precession, and nutation taken into account. The Moon's true Node and the true Lunar Apogee (Black Moon) were computed from the osculating elements of the Moon's positions. The extremely accurate figures thus obtained for all the positions were then rounded to the nearest minute (second for Sun and Moon).

Aspectarian

The Direct and Retrograde station times of the planets were very carefully calculated. The method of computing the stations when planetary motion is at a minimum was rejected as theoretical and not in accordance with actual practice. We prefer direct observation: planets become Direct or Retrograde when their apparent longitude changes direction.

THE DELTA T (ΔT) TIME CORRECTION

Without Delta T factored into calculation, the ephemeris gives accuracy to within one minute. Should greater precision be desired, the Delta T time correction is needed.

ΔT time values cannot be known with full accuracy in advance. In this ephemeris, the values from January 2010 to January 2013 (+77 seconds) are somewhat reliable estimates, and beyond that date ΔT is not indicated.

Some definitions

Universal Time (UT, often still called Greenwich Mean Time or GMT) is standard clock time at Greenwich. *Terrestrial Dynamic Time* (TDT, formerly Ephemeris Time or ET) is the time standard used in this ephemeris. The ΔT correction is the difference between UT and TDT:

$$\Delta T = TDT - UT$$

How to set up a chart using the ΔT correction

If it is deemed necessary to use the ΔT correction, first calculate UT from local time and then:

1) Look up the Sidereal Time for 0 hours UT. No correction is yet needed. Use it to calculate the Ascendant.

2) Compute Dynamic Time with the formula:

$$TDT = UT + \Delta T$$

3) Calculate the planetary positions with TDT.

How to set up a chart using for an astronomical phenomenon (Solar Return, New Moon, Equinox, for example)

1) Calculate planetary positions directly.

2) Calculate UT with the formula:

$$UT = TDT - \Delta T$$

3) Use this UT to compute Sidereal Time and the Ascendant.

DEFINITION OF THE DATA

All positions in this ephemeris are computed in Terrestrial Dynamic Time (TDT, formerly Ephemeris Time or ET) and are referenced to the tropical vernal point and tropical zodiac.

1 — Eclipses section

Eclipses are clearly shown at the top of the page with their dates, hours and minutes, their longitudes and intensities (i.e. magnitudes).

The magnitude of a lunar eclipse is based on the fraction of the lunar diameter obscured by the shadow of the Earth at greatest obscuration. The time given for an eclipse is the Terrestrial Dynamic Time (TDT) of greatest obscuration. The position given for an eclipse is the longitude for the corresponding New Moon or Full Moon.

Solar Eclipses are of three types:

– *Total* when the Moon completely covers the Sun. The Moon appears larger than the Sun from the Earth.

– *Annular* when the Moon covers the Sun, but the Moon appears smaller than the Sun from the Earth, so that a ring of light surrounds the Moon.

– *Partial* when the Moon only partially covers the Sun.

Lunar Eclipses are also of three types:

– *Total* when the Moon is completely immersed in the Earth's umbral shadow.

– *Partial* when the Moon is only partially immersed in the Earth's umbral shadow.

– *Penumbral* when the Moon enters the Earth's penumbral shadow but does not enter the umbral shadow.

2 — Sidereal Time and longitudes section

Sidereal Time (S.T.) is indicated for each day at 0h UT, being the mean Sidereal Time at Greenwich. It quantifies the angular separation between the Meridian of Greenwich and 0° Aries in the Tropical Zodiac at the indicated time. It is presented in hours, minutes, and seconds.

Longitudes are given daily for 0 hours Terrestrial Dynamic Time. Positions of the Sun and Moon are given in *minutes and seconds;* positions from Mercury to Pluto in *minutes* of arc.

Lunar Nodes and **Black Moon**: in addition to the North-South Lunar Node axis, there are other significant axes in the Moon's orbit:

1) The Lunar Apogee,

2) The second focus of the Moon's instantaneous ellipse, or the *"Black Moon",*

3) The Earth,

4) The Lunar Perigee (opposite the Lunar Apogee).

The longitudes of the Lunar Apogee given in this ephemeris equate with those of the "Black Moon" used in French and Mediterranean astrology. It should be emphasized that this is *not* the "Black Moon Lilith", an historically posited second satellite of the Earth moving 28 times faster, once popularized in Britain.

In giving the position of the Lunar Apogee, this ephemeris thus gives the Black Moon position. The True Black Moon has been computed with the latest equations of astronomers specializing in the lunar orbit.

The True positions are those computed for the Moon's instantaneous orbit from the osculating elements. The Mean positions are those of the theoretical mean orbit.

Direct and Retrograde: whenever a planet, the True Lunar Node or the True Black Moon in the zodiac changes direction from the Direct to the Retrograde, an "**R**" appears in the corresponding column on the day of the change. When it becomes Direct again, a "**D**" appears.

3 — Data for the first of the month section (DATA for...)

For the first of each month, in the box on the lower right we find:

Day: gives the day number where 1 = 1st January 1900):

This information is useful for quickly finding the number of days elapsed between two given dates. For example, the number of days between 1st January 2000 and 1st January 1950: 36525 – 18263 = 18262 days.

SVP and Ayanamsa (Tropical and Sidereal Zodiacs):

Affected by the precession of the equinoxes, the tropical zodiac, beginning at tropical 0° Aries or Vernal Point, moves about one degree every 72 years in relation to the apparently fixed stars that make up the sidereal zodiac.

The *Sidereal Vernal Point* (SVP) is the longitude in the sidereal zodiac of tropical 0° Aries as determined partly by empirical research and partly by the archaeological research of the Fagan-Bradley School of Western Sidereal Astrology. This system defines a sidereal zodiac which equates an historical longitude of the star Aldebaran with 15° 0' 0" Taurus. In this system, the two zodiacs coincided in 221 A.D.

Its definition is: *SVP = 5° 57' 29" Pisces – Precession in longitude – Nutation since January 1st 1950.*

To obtain the sidereal longitude using the SVP, add 360° to the longitude in the ephemeris and subtract the SVP.

The *True Ayanamsa* is the longitude of sidereal 0° Aries (Vernal Point) in the tropical zodiac. It equates an historical longitude of the star Spica with 0° 0' 0" Libra in the tropical zodiac. In this system, the two zodiacs coincided in 285 A.D.

Its definition is: *True Ayanamsa = 22° 27' 38" + Precession in longitude + Nutation since January 1st 1900.*

To obtain the sidereal longitude using the Ayanamsa, subtract the Ayanamsa from the longitude in the ephemeris.

Chiron has been classified both as an asteroid (#2060) and as a comet (95P/Chiron). Orbiting between Saturn and Uranus, its full orbital period is of about 51 years. In addition, it is classified as a "Centaur", i.e. one of the many often icy-surfaced asteroids orbiting between Jupiter and Neptune.

Delta T: The time we subtract from Universal Time before calculating the planetary position (if greater accuracy is required).

4 — Ingress and Stations section (Aspectarian)

The days, hours and minutes of astronomical phenomena are given in Terrestrial Dynamic Time (TDT).

A planetary **ingress** is the hour and minute when a planet enters a new zodiacal sign. Ingresses are represented by the planet symbol followed by the sign it is entering. For example, the time the Sun enters Aries (which is the Spring Equinox) figures as: ☉ ♈.

An "**R**" appears in the aspectarian whenever a planet's longitude is changing from Direct (increasing) to Retrograde (decreasing). The planet is then said to be stationary Retrograde.

A "**D**" appears in the aspectarian whenever a planet's longitude is changing from Retrograde (decreasing) to Direct (increasing). The planet is then said to be stationary Direct.

Times of Direct and Retrograde stationary positions were calculated with special attention to the actual time when their apparent movement changes, rather than by other methods used in other ephemerides.

5 — Lunar phases section

For each month, you will find a box on the lower left with the hours, minutes, and longitudes of the 4 major lunar phases. These are defined as follows:

Symbol	*Name*	*Moon – Sun (longitude)*
●	New Moon	0°
◐	First Quarter	90°
○	Full Moon	180°
◑	Last Quarter	270°

EPHEMERIS

ÉPHÉMÉRIDES

EPHEMERIDEN

EFEMÉRIDES

EFFEMERIDI

	English	Français	*Deutsch*	Español	*Italiano*
♈	*Aries*	Bélier	*Widder*	Aries	*Ariete*
♉	*Taurus*	Taureau	*Stier*	Tauro	*Toro*
♊	*Gemini*	Gémeaux	*Zwillinge*	Géminis	*Gemelli*
♋	*Cancer*	Cancer	*Krebs*	Cáncer	*Cancro*
♌	*Leo*	Lion	*Löwe*	Leo	*Leone*
♍	*Virgo*	Vierge	*Jungfrau*	Virgo	*Vergine*
♎	*Libra*	Balance	*Waage*	Libra	*Bilancia*
♏	*Scorpio*	Scorpion	*Skorpion*	Escorpio	*Scorpione*
♐	*Sagittarius*	Sagittaire	*Schütze*	Sagitario	*Sagittario*
♑	*Capricorn*	Capricorne	*Steinbock*	Capricornio	*Capricorno*
♒	*Aquarius*	Verseau	*Wasserman*	Acuario	*Acquario*
♓	*Pisces*	Poissons	*Fische*	Piscis	*Pesci*
S.T.	*Sidereal Time*	Temps Sidéral	*Sternzeit*	Tiempo Sideral	*Tempo Siderale*
☉	*Sun*	Soleil	*Sonne*	Sol	*Sole*
☽	*Moon*	Lune	*Mond*	Luna	*Luna*
☿	*Mercury*	Mercure	*Merkur*	Mercurio	*Mercurio*
♀	*Venus*	Vénus	*Venus*	Venus	*Venere*
♂	*Mars*	Mars	*Mars*	Marte	*Marte*
♃	*Jupiter*	Jupiter	*Jupiter*	Júpiter	*Giove*
♄	*Saturn*	Saturne	*Saturn*	Saturno	*Saturno*
♅	*Uranus*	Uranus	*Uranus*	Urano	*Urano*
♆	*Neptune*	Neptune	*Neptun*	Neptuno	*Nettuno*
♇	*Pluto*	Pluton	*Pluto*	Plutón	*Plutone*
☊	*Lunar Node :*	Noeud lunaire :	*Mondknoten :*	Nodo Lunar :	*Nodo Lunare :*
– True	*– True*	– Vrai	*– Wahrer*	– Verdadero	*– Vero*
– Mean	*– Mean*	– Moyen	*– Mittlerer*	– Medio	*– Medio*
⚸	*Black Moon :*	Lune Noire :	*Schwarzer Mond :*	Luna Negra :	*Luna Nera :*
– True	*– True*	– Vraie	*– Wahrer*	– Verdadera	*– Vera*
– Mean	*– Mean*	– Moyenne	*– Mittlerer*	– Media	*– Media*
⚷	*Chiron*	Chiron	*Chiron*	Quirón	*Chirone*
Phases	*Lunar phases*	Phases lunaires	*Mondphasen*	Fases lunares	*Fasi lunari*
●	*New Moon*	Nouvelle Lune	*Neumond*	Luna Nueva	*Luna Nuova*
◐	*First Quarter*	Premier Quartier	*Zunehmender Mond*	Cuarto Creciente	*Primo Quarto*
○	*Full Moon*	Pleine Lune	*Vollmond*	Luna Llena	*Luna Piena*
◑	*Last Quarter*	Dernier Quartier	*Abnehmender Mond*	Cuarto Menguante	*Ultimo Quarto*
°	*Degrees*	Degrés	*Graden*	Grados	*Gradi*
’	*Minutes of arc*	Minutes d’arc	*Bogenminuten*	Minutos de arco	*Minuti d’arco*
”	*Seconds of arc*	Secondes d’arc	*Bogensekunden*	Segundos de arco	*Secondi d’arco*
h	*Hours*	Heures	*Stunden*	Horas	*Ore*
m	*Minutes*	Minutes	*Minuten*	Minutos	*Minuti*
s	*Seconds*	Secondes	*Sekunden*	Segundos	*Secondi*
D	*Direct station*	Station Directe	*Direkte Stellung*	Estación Directa	*Stazione Diretta*
R	*Retrograde station*	Station Rétrograde	*Rückläufige Stellung*	Estación Retrógrada	*Stazione Retrograda*
SVP	*Sidereal Vernal Point*	Point Vernal Sidéral	*Siderischer Frühlingspunkt*	Punto Vernal Sideral	*Punto Vernale Siderale*
Day	*Day*	Jour	*Tag*	Día	*Giorno*
Su	*Sunday*	Dimanche	*Sonntag*	Domingo	*Domenica*
M	*Monday*	Lundi	*Montag*	Lunes	*Lunedi*
T	*Tuesday*	Mardi	*Dienstag*	Martes	*Martedi*
W	*Wednesday*	Mercredi	*Mittwoch*	Miércoles	*Miercoledi*
Th	*Thursday*	Jeudi	*Donnerstag*	Jueves	*Giovedi*
F	*Friday*	Vendredi	*Freitag*	Viernes	*Venerdi*
Sa	*Saturday*	Samedi	*Samstag*	Sábado	*Sabato*

JANUARY 2012

Day	S.T.	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊ True	☊ Mean	⚸ True	⚸ Mean
	h m s	° ′ ″	° ′ ″	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′
Su 1	06 40 15	09♑57 27	07♈06 16	19♐50	13♒49	20♍07	00♉26	28♎28	00♈51	28♒53	07♑19	13♐R59	12♐R59	00♉R44	01♉35
M 2	06 44 12	10 58 36	19 00 47	21 11	15 03	20 21	00 27	28 21	00 52	28 55	07 21	13 D 59	12 56	29♈40	01 42
T 3	06 48 09	11 59 45	00♉50 43	22 33	16 16	20 35	00 29	28 25	00 53	28 57	07 24	14 00	12 52	28 45	01 48
W 4	06 52 05	13 00 54	12 41 04	23 56	17 30	20 48	00 30	28 28	00 54	28 58	07 26	14 02	12 49	27 39	01 55
Th 5	06 56 02	14 02 03	24 36 33	25 20	18 43	21 01	00 32	28 32	00 55	29 00	07 28	14 04	12 46	26 11	02 02
F 6	06 59 58	15 03 11	06♊41 21	26 44	19 57	21 13	00 35	28 35	00 57	29 02	07 30	14 05	12 43	24 19	02 08
Sa 7	07 03 55	16 04 19	18 58 55	28 10	21 10	21 24	00 37	28 38	00 58	29 04	07 32	14 R 06	12 40	22 13	02 15
Su 8	07 07 51	17 05 27	01♋31 44	29 36	22 24	21 35	00 40	28 42	01 00	29 05	07 34	14 04	12 37	20 22	02 22
M 9	07 11 48	18 06 35	14 21 10	01♑03	23 37	21 46	00 42	28 45	01 01	29 07	07 36	14 01	12 33	19 19	02 29
T 10	07 15 45	19 07 42	27 27 22	02 31	24 50	21 56	00 45	28 48	01 03	29 09	07 38	13 56	12 30	19 D 37	02 35
W 11	07 19 41	20 08 50	10♌49 19	03 59	26 03	22 05	00 49	28 51	01 04	29 11	07 41	13 50	12 27	21 35	02 42
Th 12	07 23 38	21 09 57	24 25 05	05 28	27 16	22 14	00 52	28 53	01 06	29 13	07 43	13 44	12 24	25 07	02 49
F 13	07 27 34	22 11 04	08♍12 07	06 57	28 29	22 22	00 56	28 56	01 07	29 15	07 45	13 38	12 21	29 41	02 55
Sa 14	07 31 31	23 12 10	22 07 40	08 27	29 42	22 29	00 59	28 59	01 09	29 17	07 47	13 33	12 17	04♉31	03 02
Su 15	07 35 27	24 13 17	06♎09 14	09 58	00♑55	22 36	01 03	29 01	01 11	29 19	07 49	13 29	12 14	08 53	03 09
M 16	07 39 24	25 14 24	20 14 41	11 29	02 08	22 42	01 07	29 04	01 13	29 21	07 51	13 28	12 11	12 23	03 15
T 17	07 43 20	26 15 30	04♏22 23	13 00	03 21	22 47	01 12	29 06	01 14	29 22	07 53	13 D 28	12 08	15 00	03 22
W 18	07 47 17	27 16 36	18 30 57	14 32	04 34	22 52	01 16	29 08	01 16	29 24	07 55	13 29	12 05	17 02	03 29
Th 19	07 51 14	28 17 42	02♐38 59	16 05	05 46	22 56	01 21	29 10	01 18	29 26	07 57	13 30	12 02	18 49	03 35
F 20	07 55 10	29 18 48	16 44 42	17 38	06 59	23 00	01 26	29 12	01 20	29 28	07 59	13 R 31	11 58	20 28	03 42
Sa 21	07 59 07	00♒19 54	00♑45 43	19 12	08 11	23 02	01 31	29 14	01 22	29 31	08 01	13 29	11 55	21 50	03 49
Su 22	08 03 03	01 20 59	14 39 05	20 46	09 24	23 04	01 36	29 16	01 24	29 33	08 03	13 26	11 52	22 34	03 55
M 23	08 07 00	02 22 03	28 21 30	22 21	10 36	23 05	01 42	29 18	01 26	29 35	08 05	13 20	11 49	22 R 17	04 02
T 24	08 10 56	03 23 07	11♒49 44	23 56	11 49	23 06	01 47	29 19	01 29	29 37	08 07	13 11	11 46	20 52	04 09
W 25	08 14 53	04 24 10	25 01 16	25 32	13 01	23 R 05	01 53	29 21	01 31	29 39	08 09	13 02	11 43	18 29	04 15
Th 26	08 18 49	05 25 12	07♓54 40	27 09	14 13	23 04	01 59	29 22	01 33	29 41	08 11	12 52	11 39	15 32	04 22
F 27	08 22 46	06 26 13	20 29 54	28 46	15 25	23 02	02 05	29 23	01 35	29 43	08 13	12 43	11 36	12 32	04 29
Sa 28	08 26 43	07 27 13	02♈48 26	00♒24	16 37	23 00	02 12	29 25	01 37	29 45	08 15	12 35	11 33	09 54	04 36
Su 29	08 30 39	08 28 12	14 53 05	02 02	17 49	22 56	02 18	29 26	01 40	29 47	08 17	12 30	11 30	07 50	04 42
M 30	08 34 36	09 29 09	26 47 48	03 41	19 01	22 52	02 25	29 27	01 42	29 50	08 19	12 27	11 27	06 19	04 49
T 31	08 38 32	10♒30 06	08♉37 18	05♒21	20♑12	22♏R47	02♉31	29♎27	01♈45	29♒52	08♑21	12♐R26	11♐R23	05♉R06	04♉56

●◐ PHASES ○◑

Day	h:m	Phase	Long.
1	06:16	◐	10♈13
9	07:31	○	18♋26
16	09:09	◑	25♎38
23	07:40	●	02♒42
31	04:11	◐	10♉41

INGRESS & STATION

2	22:17	☽	♉	10	04:36	☽	♌
5	10:45	☽	♊	12	09:45	☽	♍
7	21:06	☽	♋	14	05:48	☿	♓
8	06:35	☿	♑		13:29	☽	♎

Day	h:m		
16	16:35	☽	♏
18	19:30	☽	♐
20	16:11	☉	♒
	22:41	☽	♑

Day	h:m		
23	02:54	☽	♒
24	00:55	♂	R
25	09:12	☽	♓

Day	h:m		
27	18:13	☿	♒
	18:29	☽	♈
30	06:29	☽	♉

DATA for 0h

1 JANUARY 2012

Day	= 40908
AYANAMSA	= 24° 01′ 45″
SVP	= 05° 05′ 15″♓
⚷	= 01° 54′♈
Delta T	= 76 s

FEBRUARY 2012

Day	S.T.	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊ True	☊ Mean	⚸ True	⚸ Mean
	h m s	° ′ ″	° ′ ″	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′
W 1	08 42 29	11♒31 01	20♉26 52	07♒01	21♈24	22♏R41	02♉38	29♎28	01♈47	29♒54	08♑23	12♐D26	11♐R20	03♉R50	05♉02
Th 2	08 46 25	12 31 55	02♊21 56	08 43	22 36	22 35	02 46	29 29	01 49	29 56	08 25	12 27	11 17	02 10	05 09
F 3	08 50 22	13 32 48	14 27 46	10 25	23 47	22 27	02 53	29 29	01 52	29 58	08 26	12 R 27	11 14	29♈51	05 16
Sa 4	08 54 18	14 33 39	26 49 11	12 07	24 58	22 19	03 00	29 30	01 55	00♈00	08 28	12 26	11 11	26 53	05 22
Su 5	08 58 15	15 34 30	09♋30 01	13 50	26 09	22 10	03 08	29 30	01 57	00 03	08 30	12 23	11 08	23 31	05 29
M 6	09 02 12	16 35 18	22 32 43	15 34	27 20	22 00	03 16	29 30	02 00	00 05	08 32	12 17	11 04	20 10	05 36
T 7	09 06 08	17 36 06	05♌57 55	17 19	28 31	21 50	03 24	29 30	02 02	00 07	08 34	12 08	11 01	17 21	05 42
W 8	09 10 05	18 36 52	19 44 09	19 05	29 42	21 39	03 32	29 R 30	02 05	00 09	08 35	11 58	10 58	15 22	05 49
Th 9	09 14 01	19 37 37	03♍47 56	20 51	00♑53	21 27	03 40	29 30	02 08	00 12	08 37	11 47	10 55	14 16	05 56
F 10	09 17 58	20 38 21	18 04 08	22 38	02 03	21 14	03 48	29 30	02 11	00 14	08 39	11 36	10 52	13 45	06 02
Sa 11	09 21 54	21 39 03	02♎26 51	24 26	03 14	21 00	03 57	29 30	02 13	00 16	08 40	11 26	10 49	13 28	06 09
Su 12	09 25 51	22 39 45	16 50 22	26 14	04 24	20 46	04 05	29 29	02 16	00 18	08 42	11 19	10 45	13 10	06 16
M 13	09 29 47	23 40 25	01♏10 01	28 03	05 34	20 31	04 14	29 29	02 19	00 21	08 44	11 15	10 42	12 D 59	06 22
T 14	09 33 44	24 41 04	15 22 37	29 52	06 44	20 15	04 23	29 28	02 22	00 23	08 45	11 13	10 39	13 22	06 29
W 15	09 37 41	25 41 43	29 26 32	01♑42	07 54	19 59	04 32	29 28	02 25	00 25	08 47	11 D 13	10 36	14 58	06 36
Th 16	09 41 37	26 42 20	13♐21 12	03 33	09 04	19 42	04 41	29 27	02 28	00 27	08 49	11 R 13	10 33	18 12	06 43
F 17	09 45 34	27 42 56	27 06 41	05 23	10 14	19 24	04 50	29 26	02 31	00 30	08 50	11 12	10 29	23 01	06 49
Sa 18	09 49 30	28 43 31	10♑53 08	07 14	11 23	19 06	05 00	29 25	02 33	00 32	08 52	11 09	10 26	28 50	06 56
Su 19	09 53 27	29 44 05	24 10 17	09 05	12 33	18 47	05 09	29 24	02 36	00 34	08 53	11 03	10 23	04♉44	07 03
M 20	09 57 23	00♓44 37	07♒27 26	10 56	13 42	18 27	05 19	29 22	02 39	00 37	08 55	10 54	10 20	09 44	07 09
T 21	10 01 20	01 45 07	20 33 26	12 46	14 51	18 07	05 29	29 21	02 43	00 39	08 56	10 43	10 17	13 12	07 16
W 22	10 05 16	02 45 37	03♓27 00	14 35	16 00	17 46	05 39	29 20	02 46	00 41	08 58	10 29	10 14	14 56	07 23
Th 23	10 09 13	03 46 04	16 07 06	16 23	17 08	17 25	05 49	29 18	02 49	00 43	08 59	10 15	10 10	15 R 13	07 29
F 24	10 13 10	04 46 30	28 33 25	18 10	18 17	17 03	05 59	29 16	02 52	00 46	09 00	10 02	10 07	14 34	07 36
Sa 25	10 17 06	05 46 54	10♈46 32	19 56	19 25	16 41	06 09	29 15	02 55	00 48	09 02	09 50	10 04	13 32	07 43
Su 26	10 21 03	06 47 16	22 48 10	21 39	20 33	16 19	06 19	29 13	02 58	00 50	09 03	09 41	10 01	12 33	07 49
M 27	10 24 59	07 47 36	04♉41 10	23 19	21 41	15 56	06 30	29 11	03 01	00 53	09 04	09 35	09 58	11 49	07 56
T 28	10 28 56	08 47 55	16 29 22	24 56	22 49	15 33	06 40	29 09	03 04	00 55	09 06	09 31	09 54	11 19	08 03
W 29	10 32 52	09♓48 11	28♉17 27	26♓29	23♈57	15♏R10	06♉51	29♎09	03♈08	00♒57	09♑07	09♐R30	09♐R51	10♉R51	08♉09

●◐ PHASES ○◑

Day	h:m	Phase	Long.
7	21:55	○	18♌32
14	17:05	◑	25♏24
21	22:36	●	02♓42

INGRESS & STATION

1	19:16	☽	♊	7	14:04	♄	R
3	18:53	♆	♓	8	06:02	☿	♈
4	06:05	☽	♋		17:33	☽	♍
6	13:25	☽	♌	10	19:55	☽	♎

Day	h:m		
12	22:02	☽	♏
14	01:39	☿	♓
15	00:57	☽	♐
17	05:04	☽	♑

Day	h:m		
19	06:19	☉	♓
	10:29	☽	♒
21	17:32	☽	♓

Day	h:m		
24	02:49	☽	♈
26	14:31	☽	♉
29	03:28	☽	♊

DATA for 0h

1 FEBRUARY 2012

Day	= 40939
AYANAMSA	= 24° 01′ 50″
SVP	= 05° 05′ 10″♓
⚷	= 03° 38′♈
Delta T	= 76 s

MARCH 2012

Day	S.T.	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊ True	☊ Mean	⚸ True	⚸ Mean
	h m s	° ′ ″	° ′ ″	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′
Th 1	10 36 49	10 ♓ 48 26	10 ♊ 10 42	27 ♓ 57	25 ♈ 04	14 ♍R 47	07 ♉ 02	29 ♌R 05	03 ♈ 11	00 ♓ 59	09 ♑ 08	09 ♐ D 30	09 ♐ R 48	10 ♉R 08	08 ♉ 16
F 2	10 40 45	11 48 39	22 14 42	29 21	26 11	14 23	07 13	29 02	03 14	01 02	09 09	09 R 30	09 45	08 53	08 23
Sa 3	10 44 42	12 48 49	04 ♋ 34 58	00 ♈ 39	27 18	13 59	07 24	29 00	03 17	01 04	09 11	09 28	09 42	06 52	08 29
Su 4	10 48 38	13 48 57	17 16 27	01 51	28 25	13 36	07 35	28 57	03 21	01 06	09 12	09 25	09 39	04 05	08 36
M 5	10 52 35	14 49 04	00 ♌ 22 59	02 57	29 31	13 12	07 46	28 55	03 24	01 08	09 13	09 19	09 35	00 48	08 43
T 6	10 56 32	15 49 08	13 56 34	03 54	00 ♉ 37	12 48	07 57	28 52	03 27	01 11	09 14	09 10	09 32	27 ♈ 25	08 50
W 7	11 00 28	16 49 10	27 56 42	04 45	01 43	12 25	08 09	28 49	03 30	01 13	09 15	08 59	09 29	24 22	08 56
Th 8	11 04 25	17 49 10	12 ♍ 20 02	05 27	02 49	12 01	08 20	28 46	03 34	01 15	09 16	08 47	09 26	21 56	09 03
F 9	11 08 21	18 49 08	27 00 26	06 01	03 55	11 38	08 32	28 44	03 37	01 17	09 17	08 36	09 23	20 05	09 10
Sa 10	11 12 18	19 49 05	11 ♎ 49 54	06 25	05 00	11 15	08 43	28 41	03 40	01 19	09 18	08 25	09 20	18 31	09 16
Su 11	11 16 14	20 48 59	26 39 51	06 42	06 05	10 52	08 55	28 37	03 44	01 22	09 19	08 18	09 16	16 53	09 23
M 12	11 20 11	21 48 52	11 ♏ 22 38	06 49	07 09	10 29	09 07	28 34	03 47	01 24	09 20	08 13	09 13	15 01	09 30
T 13	11 24 07	22 48 44	25 52 30	06 R 47	08 14	10 07	09 19	28 31	03 51	01 26	09 21	08 11	09 10	13 05	09 36
W 14	11 28 04	23 48 33	10 ♐ 06 09	06 37	09 18	09 45	09 31	28 28	03 54	01 28	09 22	08 D 10	09 07	11 33	09 43
Th 15	11 32 01	24 48 21	24 02 24	06 19	10 22	09 23	09 43	28 24	03 57	01 30	09 23	08 10	09 04	11 D 05	09 50
F 16	11 35 57	25 48 08	07 ♑ 41 42	05 53	11 25	09 02	09 55	28 21	04 01	01 32	09 23	08 R 10	09 00	12 10	09 56
Sa 17	11 39 54	26 47 53	21 05 19	05 21	12 29	08 41	10 07	28 17	04 04	01 34	09 24	08 08	08 57	14 59	10 03
Su 18	11 43 50	27 47 36	04 ♒ 14 50	04 42	13 31	08 21	10 20	28 14	04 08	01 36	09 25	08 03	08 54	19 15	10 10
M 19	11 47 47	28 47 17	17 11 37	03 57	14 34	08 02	10 32	28 10	04 11	01 39	09 26	07 55	08 51	24 21	10 16
T 20	11 51 43	29 46 56	29 56 42	03 09	15 36	07 42	10 44	28 06	04 14	01 41	09 26	07 45	08 48	29 34	10 23
W 21	11 55 40	00 ♈ 46 33	12 ♓ 30 43	02 18	16 38	07 24	10 57	28 03	04 18	01 43	09 27	07 33	08 45	04 ♉ 18	10 30
Th 22	11 59 36	01 46 09	24 54 07	01 24	17 40	07 06	11 09	27 59	04 21	01 45	09 28	07 20	08 41	08 08	10 36
F 23	12 03 33	02 45 42	07 ♈ 07 22	00 ♈ 30	18 41	06 49	11 22	27 55	04 25	01 47	09 28	07 08	08 38	11 00	10 43
Sa 24	12 07 30	03 45 14	19 11 15	29 ♓ 36	19 41	06 33	11 35	27 51	04 28	01 49	09 29	06 58	08 35	13 01	10 50
Su 25	12 11 26	04 44 43	01 ♉ 07 05	28 44	20 42	06 17	11 48	27 47	04 32	01 51	09 29	06 50	08 32	14 27	10 56
M 26	12 15 23	05 44 10	12 56 59	27 54	21 42	06 02	12 00	27 43	04 35	01 53	09 30	06 44	08 29	15 34	11 03
T 27	12 19 19	06 43 35	24 43 48	27 08	22 41	05 47	12 13	27 39	04 38	01 55	09 30	06 41	08 26	16 35	11 10
W 28	12 23 16	07 42 58	06 ♊ 31 14	26 25	23 40	05 34	12 26	27 35	04 42	01 57	09 31	06 40	08 22	17 31	11 17
Th 29	12 27 12	08 42 19	18 23 42	25 47	24 39	05 21	12 39	27 30	04 45	01 59	09 31	06 D 41	08 19	18 16	11 23
F 30	12 31 09	09 41 37	00 ♋ 26 10	25 14	25 37	05 09	12 52	27 26	04 49	02 01	09 32	06 42	08 16	18 R 35	11 30
Sa 31	12 35 05	10 ♈ 40 53	12 ♋ 43 55	24 ♓ R 46	26 ♉ 35	04 ♍R 57	13 ♉ 06	27 ♌R 22	04 ♈ 52	02 ♓ 02	09 ♑ 32	06 ♐ R 42	08 ♐ R 13	18 ♉R 10	11 ♉ 37

●◐ PHASES ○◑

Day	h:m	Phase	Long.
1	01:23	◐	10 ♊ 52
8	09:41	○	18 ♍ 13
15	01:26	◑	24 ♐ 52
22	14:38	●	02 ♈ 22
30	19:42	◐	10 ♋ 30

INGRESS & STATION

Day	h:m		Day	h:m		Day	h:m		Day	h:m		Day	h:m	
2	11:42	☿ ♈	7	03:28	☽ ♍	13	06:55	☽ ♐		05:16	☉ ♈	24	21:44	☽ ♉
	15:09	☽ ♋	9	04:51	☽ ♎	15	10:25	☽ ♑	22	09:58	☽ ♈	27	10:44	☽ ♊
4	23:19	☽ ♌	11	05:25	☽ ♏	17	16:13	☽ ♒	23	13:23	☿ ♓	29	23:08	☽ ♋
5	10:26	♀ ♉	12	07:50	☿ R	20	00:06	☽ ♓						

DATA for 0h

1 MARCH 2012

Day	= 40968
AYANAMSA	= 24° 01′ 53″
SVP	= 05° 05′ 06″ ♓
⚷	= 05° 32′ ♓
Delta T	= 76 s

APRIL 2012

Day	S.T.	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊ True	☊ Mean	⚸ True	⚸ Mean
	h m s	° ′ ″	° ′ ″	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′
Su 1	12 39 02	11 ♈ 40 07	25 ♋ 22 08	24 ♓ R 24	27 ♉ 32	04 ♍R 47	13 ♉ 19	27 ♌R 18	04 ♈ 55	02 ♓ 04	09 ♑ 32	06 ♐ R 41	08 ♐ R 10	16 ♉R 52	11 ♉ 43
M 2	12 42 59	12 39 18	08 ♌ 25 19	24 07	28 28	04 37	13 32	27 13	04 59	02 06	09 33	06 38	08 06	14 44	11 50
T 3	12 46 55	13 38 27	21 56 40	23 57	29 25	04 28	13 45	27 09	05 02	02 08	09 33	06 33	08 03	12 02	11 57
W 4	12 50 52	14 37 34	05 ♍ 57 14	23 51	00 ♊ 20	04 20	13 59	27 04	05 06	02 10	09 33	06 26	08 00	09 11	12 03
Th 5	12 54 48	15 36 39	20 25 09	23 D 52	01 15	04 13	14 12	27 00	05 09	02 12	09 33	06 18	07 57	06 33	12 10
F 6	12 58 45	16 35 41	05 ♎ 15 21	23 58	02 09	04 06	14 25	26 55	05 12	02 13	09 33	06 10	07 54	04 19	12 17
Sa 7	13 02 41	17 34 41	20 19 54	24 09	03 03	04 00	14 39	26 51	05 16	02 15	09 33	06 03	07 51	02 25	12 23
Su 8	13 06 38	18 33 39	05 ♏ 29 07	24 25	03 56	03 55	14 52	26 46	05 19	02 17	09 34	05 58	07 47	00 34	12 30
M 9	13 10 34	19 32 35	20 33 11	24 46	04 48	03 51	15 06	26 42	05 23	02 18	09 34	05 55	07 44	28 ♈ 34	12 37
T 10	13 14 31	20 31 30	05 ♐ 23 43	25 11	05 40	03 47	15 20	26 37	05 26	02 20	09 34	05 54	07 41	26 19	12 43
W 11	13 18 27	21 30 23	19 54 52	25 41	06 31	03 45	15 33	26 33	05 29	02 22	09 R 34	05 D 55	07 38	24 00	12 50
Th 12	13 22 24	22 29 14	04 ♑ 03 31	26 16	07 21	03 43	15 47	26 28	05 33	02 23	09 34	05 56	07 35	22 00	12 57
F 13	13 26 21	23 28 03	17 48 58	26 54	08 11	03 41	16 01	26 24	05 36	02 25	09 34	05 57	07 31	20 49	13 03
Sa 14	13 30 17	24 26 51	01 ♒ 12 21	27 36	09 00	03 41	16 14	26 19	05 39	02 27	09 33	05 R 57	07 28	20 D 45	13 10
Su 15	13 34 14	25 25 37	14 15 47	28 21	09 48	03 D 41	16 28	26 14	05 42	02 28	09 33	05 55	07 25	21 57	13 17
M 16	13 38 10	26 24 21	27 01 56	29 11	10 35	03 42	16 42	26 10	05 46	02 30	09 33	05 52	07 22	24 17	13 24
T 17	13 42 07	27 23 03	09 ♓ 33 28	00 ♈ 03	11 21	03 44	16 56	26 05	05 49	02 31	09 33	05 47	07 19	27 26	13 30
W 18	13 46 03	28 21 44	21 52 50	00 58	12 06	03 46	17 10	26 01	05 52	02 33	09 33	05 41	07 16	01 ♉ 04	13 37
Th 19	13 50 00	29 20 23	04 ♈ 02 11	01 57	12 51	03 49	17 24	25 56	05 55	02 34	09 33	05 34	07 12	04 49	13 44
F 20	13 53 56	00 ♉ 19 00	16 03 25	02 58	13 34	03 53	17 38	25 51	05 59	02 36	09 32	05 27	07 09	08 27	13 50
Sa 21	13 57 53	01 17 35	27 58 17	04 02	14 16	03 58	17 51	25 47	06 02	02 37	09 32	05 22	07 06	11 50	13 57
Su 22	14 01 50	02 16 09	09 ♉ 48 31	05 09	14 58	04 03	18 05	25 42	06 05	02 38	09 32	05 18	07 03	14 54	14 04
M 23	14 05 46	03 14 40	21 36 06	06 18	15 38	04 09	18 19	25 38	06 08	02 40	09 31	05 15	07 00	17 43	14 10
T 24	14 09 43	04 13 09	03 ♊ 23 18	07 29	16 17	04 15	18 34	25 33	06 11	02 41	09 31	05 14	06 57	20 21	14 17
W 25	14 13 39	05 11 37	15 12 56	08 43	16 55	04 22	18 48	25 29	06 14	02 42	09 30	05 D 15	06 53	22 51	14 24
Th 26	14 17 36	06 10 03	27 08 16	10 00	17 31	04 30	19 02	25 24	06 17	02 44	09 30	05 16	06 50	25 11	14 30
F 27	14 21 32	07 08 26	09 ♋ 13 08	11 18	18 07	04 39	19 16	25 20	06 21	02 45	09 30	05 18	06 47	27 12	14 37
Sa 28	14 25 29	08 06 47	21 31 44	12 39	18 41	04 48	19 30	25 15	06 24	02 46	09 29	05 19	06 44	28 38	14 44
Su 29	14 29 25	09 05 07	04 ♌ 08 27	14 01	19 13	04 57	19 44	25 11	06 27	02 47	09 29	05 20	06 41	29 12	14 50
M 30	14 33 22	10 ♉ 03 24	17 ♌ 07 27	15 ♈ 26	19 ♊ 45	05 ♍ 08	19 ♉ 58	25 ♌R 06	06 ♈ 30	02 ♓ 48	09 ♑R 28	05 ♐ R 20	06 ♐ R 37	28 ♉R 44	14 ♉ 57

●◐ PHASES ○◑

Day	h:m	Phase	Long.
6	19:20	○	17 ♎ 23
13	10:51	◑	23 ♑ 55
21	07:20	●	01 ♉ 35
29	09:59	◐	09 ♌ 29

INGRESS & STATION

Day	h:m		Day	h:m		Day	h:m		Day	h:m		Day	h:m	
1	08:37	☽ ♌	5	15:33	☽ ♎	11	17:03	☽ ♑		22:43	☿ ♈	23	17:06	☽ ♊
3	13:54	☽ ♍	7	15:19	☽ ♏	13	21:49	☽ ♒	18	16:00	☽ ♈	26	05:43	☽ ♋
	15:19	☿ ♊	9	15:13	☽ ♐	14	03:54	☌ D	19	16:13	☉ ♉	28	16:12	☽ ♌
4	10:12	☿ D	10	16:22	♆ R	16	05:39	☽ ♓	21	04:06	☽ ♉	30	23:03	☽ ♍

DATA for 0h

1 APRIL 2012

Day	= 40999
AYANAMSA	= 24° 01′ 56″
SVP	= 05° 05′ 03″ ♓
⚷	= 07° 28′ ♓
Delta T	= 76 s

MAY 2012

☉ ANNULAR ECLIPSE, 00° 21' ♊, 20 MAY 23 h 53 m

Day	S.T.	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊ True	☊ Mean	⚸ True	⚸ Mean
	h m s	° ' "	° ' "	° '	° '	° '	° '	° '	° '	° '	° '	° '	° '	° '	° '
T 1	14 37 19	11♉01 39	00♍32 08	16♈53	20♊14	05♍18	20♉12	25♌R02	06♈33	02♓50	09♑R27	05♐R19	06♐R34	27♉17	15♉04
W 2	14 41 15	11 59 52	14 24 28	18 21	20 42	05 30	20 26	24 58	06 35	02 51	09 27	05 17	06 31	25 08	15 10
Th 3	14 45 12	12 58 03	28 44 14	19 52	21 09	05 42	20 41	24 53	06 38	02 52	09 26	05 14	06 28	22 41	15 17
F 4	14 49 08	13 56 12	13♎28 26	21 25	21 34	05 54	20 55	24 49	06 41	02 53	09 25	05 11	06 25	20 18	15 24
Sa 5	14 53 05	14 54 19	28 31 07	22 59	21 57	06 07	21 09	24 45	06 44	02 54	09 25	05 08	06 22	18 12	15 31
Su 6	14 57 01	15 52 25	13♏43 50	24 36	22 18	06 21	21 23	24 41	06 47	02 55	09 24	05 07	06 18	16 19	15 37
M 7	15 00 58	16 50 28	28 56 48	26 14	22 37	06 35	21 37	24 37	06 50	02 56	09 23	05 06	06 15	14 27	15 44
T 8	15 04 54	17 48 31	14♐00 23	27 55	22 55	06 49	21 52	24 33	06 53	02 57	09 22	05 D 06	06 12	12 23	15 51
W 9	15 08 51	18 46 32	28 46 30	29 37	23 10	07 04	22 06	24 29	06 55	02 57	09 22	05 07	06 09	10 02	15 57
Th 10	15 12 48	19 44 31	13♑09 34	01♉22	23 24	07 20	22 20	24 25	06 58	02 58	09 21	05 08	06 06	07 32	16 04
F 11	15 16 44	20 42 29	27 06 48	03 08	23 35	07 36	22 34	24 21	07 01	02 59	09 20	05 09	06 03	05 14	16 11
Sa 12	15 20 41	21 40 26	10♒37 50	04 56	23 45	07 52	22 49	24 17	07 04	03 00	09 19	05 10	05 59	03 32	16 17
Su 13	15 24 37	22 38 21	23 44 16	06 46	23 52	08 09	23 03	24 13	07 06	03 01	09 18	05 R 10	05 53	02 45	16 24
M 14	15 28 34	23 36 15	06♓28 56	08 38	23 57	08 26	23 17	24 09	07 09	03 01	09 17	05 10	05 53	02 D 57	16 31
T 15	15 32 30	24 34 08	18 55 23	10 33	23 59	08 44	23 31	24 06	07 11	03 02	09 16	05 09	05 50	04 04	16 37
W 16	15 36 27	25 32 00	01♈07 19	12 29	23 R 59	09 02	23 45	24 02	07 14	03 03	09 15	05 08	05 47	05 51	16 44
Th 17	15 40 23	26 29 50	13 08 23	14 26	23 57	09 21	24 00	23 59	07 16	03 03	09 14	05 06	05 43	08 01	16 51
F 18	15 44 20	27 27 39	25 01 57	16 26	23 53	09 40	24 14	23 55	07 19	03 04	09 13	05 05	05 40	10 25	16 57
Sa 19	15 48 17	28 25 27	06♉51 04	18 28	23 46	09 59	24 28	23 52	07 21	03 04	09 12	05 04	05 37	12 57	17 04
Su 20	15 52 13	29 23 14	18 38 23	20 31	23 37	10 19	24 42	23 48	07 24	03 05	09 11	05 04	05 34	15 39	17 11
M 21	15 56 10	00♊20 59	00♊26 21	22 36	23 25	10 39	24 56	23 45	07 26	03 06	09 10	05 04	05 31	18 34	17 17
T 22	16 00 06	01 18 43	12 17 14	24 42	23 11	11 00	25 11	23 42	07 28	03 06	09 09	05 D 04	05 28	21 45	17 24
W 23	16 04 03	02 16 26	24 13 14	26 50	22 54	11 20	25 25	23 39	07 31	03 06	09 08	05 04	05 24	25 13	17 31
Th 24	16 07 59	03 14 07	06♋16 43	28 59	22 35	11 42	25 39	23 36	07 33	03 07	09 07	05 04	05 21	28 51	17 38
F 25	16 11 56	04 11 47	18 30 08	01♊09	22 14	12 03	25 53	23 33	07 35	03 07	09 06	05 04	05 18	02♊29	17 44
Sa 26	16 15 52	05 09 26	00♌56 13	03 20	21 51	12 25	26 07	23 30	07 38	03 08	09 04	05 R 04	05 15	05 47	17 51
Su 27	16 19 49	06 07 03	13 37 50	05 32	21 25	12 48	26 21	23 27	07 40	03 08	09 03	05 04	05 12	08 23	17 58
M 28	16 23 46	07 04 38	26 37 49	07 44	20 58	13 10	26 35	23 25	07 42	03 08	09 02	05 04	05 09	09 57	18 04
T 29	16 27 42	08 02 12	09♍58 43	09 56	20 28	13 33	26 49	23 22	07 44	03 08	09 01	05 D 04	05 05	10 R 18	18 11
W 30	16 31 39	08 59 45	23 42 23	12 08	19 57	13 57	27 03	23 19	07 46	03 09	09 00	05 04	05 02	09 28	18 18
Th 31	16 35 35	09♊57 16	07♎49 21	14♊19	19♊R24	14♍20	27♉18	23♌R17	07♈48	03♓09	08♑R58	05♐05	04♐R59	07♊R46	18♉24

●◐ PHASES ○◑

Day	h:m	Phase	Long.
6	03:36	○	16♏01
12	21:48	◑	22♒33
20	23:48	●	00♊21
28	20:17	◐	07♍53

INGRESS & STATION

Day	h:m		Day	h:m		Day	h:m		Day	h:m
3	02:05	☽ ☊		05:16	☿ ♉		21:47	☽ ♈		23:06	☽ ♊	25	22:12	☽ ♌
5	02:21	☽ ♏	11	05:04	☽ ♒	18	10:04	☽ ♉	23	11:32	☽ ♋	28	06:07	☽ ♍
7	01:40	☽ ♐	13	11:43	☽ ♓	20	15:17	☉ ♊	24	11:13	☿ ♊	30	10:47	☽ ☊
9	02:01	☽ ♑	15	14:34	♀ R									

DATA for 0h

1 MAY 2012

Day	= 41029
AYANAMSA	= 24° 01' 59"
SVP	= 05° 05' 00" ♓
⚷	= 08° 55' ♓
Delta T	= 76 s

JUNE 2012

☽ PARTIAL ECLIPSE, 14° 14' ♐, 4 JUNE 11 h 03 m, INTENSITY 0.37

Day	S.T.	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊ True	☊ Mean	⚸ True	⚸ Mean
	h m s	° ' "	° ' "	° '	° '	° '	° '	° '	° '	° '	° '	° '	° '	° '	° '
F 1	16 39 32	10♊54 46	22♌18 23	16♊29	18♊R50	14♍44	27♉32	23♌R15	07♈50	03♓09	08♑R57	05♐05	04♐R56	05♊R37	18♉31
Sa 2	16 43 28	11 52 15	07♍05 58	18 39	18 15	15 09	27 45	23 12	07 52	03 09	08 56	05 06	04 53	03 27	18 38
Su 3	16 47 25	12 49 42	22 06 20	20 47	17 39	15 33	27 59	23 10	07 54	03 09	08 54	05 06	04 49	01♊29	18 44
M 4	16 51 21	13 47 09	07♐11 45	22 54	17 02	15 58	28 13	23 08	07 56	03 09	08 53	05 R 06	04 46	29♉43	18 51
T 5	16 55 18	14 44 34	22 13 29	24 59	16 24	16 23	28 27	23 06	07 57	03 R 09	08 52	05 06	04 43	27 54	18 58
W 6	16 59 15	15 41 59	07♑02 59	27 02	15 47	16 48	28 41	23 04	07 59	03 09	08 50	05 05	04 40	25 48	19 04
Th 7	17 03 11	16 39 23	21 33 05	29 04	15 09	17 14	28 55	23 02	08 01	03 09	08 49	05 04	04 37	23 17	19 11
F 8	17 07 08	17 36 46	05♒38 52	01♋03	14 31	17 40	29 09	23 01	08 03	03 09	08 48	05 02	04 34	20 29	19 18
Sa 9	17 11 04	18 34 08	19 18 00	03 00	13 54	18 06	29 23	22 59	08 04	03 09	08 46	05 01	04 30	17 45	19 24
Su 10	17 15 01	19 31 30	02♓30 35	04 55	13 18	18 33	29 36	22 57	08 06	03 09	08 45	05 00	04 27	15 29	19 31
M 11	17 18 57	20 28 51	15 18 44	06 47	12 43	18 59	29 50	22 56	08 07	03 08	08 43	04 59	04 24	13 59	19 38
T 12	17 22 54	21 26 12	27 45 53	08 37	12 09	19 26	00♊04	22 55	08 09	03 08	08 42	04 D 59	04 21	13 22	19 45
W 13	17 26 50	22 23 32	09♈56 17	10 25	11 36	19 53	00 17	22 53	08 10	03 08	08 41	05 00	04 18	13 D 31	19 51
Th 14	17 30 47	23 20 52	21 54 30	12 10	11 05	20 21	00 31	22 52	08 12	03 08	08 39	05 01	04 14	14 10	19 58
F 15	17 34 44	24 18 11	03♉45 04	13 52	10 35	20 49	00 45	22 51	08 13	03 07	08 38	05 03	04 11	15 05	20 05
Sa 16	17 38 40	25 15 30	15 32 15	15 33	10 08	21 16	00 58	22 50	08 14	03 07	08 36	05 04	04 08	16 06	20 11
Su 17	17 42 37	26 12 49	27 19 51	17 10	09 42	21 45	01 12	22 49	08 16	03 07	08 35	05 05	04 05	17 12	20 18
M 18	17 46 33	27 10 07	09♊11 10	18 45	09 18	22 13	01 25	22 48	08 17	03 06	08 33	05 R 05	04 02	18 31	20 25
T 19	17 50 30	28 07 25	21 08 54	20 18	08 57	22 42	01 39	22 48	08 18	03 06	08 32	05 04	03 59	20 18	20 31
W 20	17 54 26	29 04 43	03♋14 14	21 48	08 38	23 10	01 52	22 47	08 19	03 05	08 30	05 02	03 55	22 47	20 38
Th 21	17 58 23	00♋02 00	15 31 54	23 15	08 21	23 39	02 05	22 47	08 20	03 05	08 29	04 59	03 52	26 06	20 45
F 22	18 02 19	00 59 16	28 00 14	24 40	08 07	24 09	02 19	22 46	08 21	03 04	08 27	04 55	03 49	00♋11	20 51
Sa 23	18 06 16	01 56 32	10♌41 20	26 02	07 54	24 38	02 32	22 46	08 22	03 04	08 26	04 51	03 46	04 56	20 58
Su 24	18 10 13	02 53 47	23 36 09	27 22	07 45	25 08	02 45	22 46	08 23	03 03	08 24	04 47	03 43	09 40	21 05
M 25	18 14 09	03 51 01	06♍45 38	28 39	07 37	25 38	02 58	22 46	08 24	03 03	08 23	04 44	03 40	13 48	21 11
T 26	18 18 06	04 48 15	20 10 39	29 53	07 32	26 08	03 11	22 D 46	08 25	03 02	08 21	04 41	03 36	16 46	21 18
W 27	18 22 02	05 45 29	03♎51 53	01♌04	07 30	26 38	03 24	22 46	08 26	03 01	08 20	04 41	03 33	18 13	21 25
Th 28	18 25 59	06 42 42	17 49 38	02 12	07 D 29	27 09	03 37	22 46	08 27	03 01	08 18	04 D 41	03 30	18 R 11	21 31
F 29	18 29 55	07 39 54	02♏03 23	03 17	07 31	27 39	03 50	22 46	08 27	03 00	08 17	04 42	03 27	17 04	21 38
Sa 30	18 33 52	08♋37 06	16♏31 30	04♌20	07♊36	28♍10	04♉03	22♌47	08♈28	02♓R59	08♑R15	04♐44	03♐R24	15♊R24	21♉45

●◐ PHASES ○◑

Day	h:m	Phase	Long.
4	11:13	○	14♐14
11	10:42	◑	20♓54
19	15:03	●	28♊43
27	03:31	◐	05♌54

INGRESS & STATION

Day	h:m		Day	h:m		Day	h:m		Day	h:m		Day	h:m	
1	12:32	☽ ♏		14:18	☽ ♒	14	16:23	☽ ♉	22	03:48	☽ ♌		17:16	☽ ☊
3	12:33	☽ ♐	9	19:23	☽ ♓	17	05:25	☽ ♊	24	11:44	☽ ♍	27	15:08	☿ D
4	21:06	♆ R	11	17:23	♃ ♊	19	17:35	☽ ♋	25	08:02	♄ D	28	20:33	☽ ♏
5	12:32	☽ ♑	12	04:22	☽ ♈	20	23:10	☉ ♋	26	02:25	☿ ♌	30	22:05	☽ ♐
7	11:17	☿ ♋												

DATA for 0h

1 JUNE 2012

Day	= 41060
AYANAMSA	= 24° 02' 03"
SVP	= 05° 04' 56" ♓
⚷	= 09° 41' ♓
Delta T	= 76 s

JULY 2012

Day	S.T.	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊ True	☊ Mean	⚸ True	⚸ Mean
	h m s	° ′ ″	° ′ ″	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′
Su 1	18 37 48	09♋34 18	01♐10 44	05♌19	07♊42	28♍41	04♊16	22♎47	08♈29	02♈R58	08♑R14	04♐44	03♐R20	13♊R41	21♉52
M 2	18 41 45	10 31 29	15 56 14	06 15	07 51	29 12	04 28	22 48	08 29	02 57	08 12	04 R 44	03 17	12 07	21 58
T 3	18 45 42	11 28 40	00♑41 41	07 07	08 01	29 44	04 41	22 49	08 30	02 57	08 11	04 42	03 14	10 35	22 05
W 4	18 49 38	12 25 51	15 19 57	07 56	08 14	00♎15	04 54	22 50	08 30	02 56	08 09	04 38	03 11	08 50	22 12
Th 5	18 53 35	13 23 02	29 44 05	08 42	08 29	00 47	05 06	22 50	08 31	02 55	08 08	04 33	03 08	06 37	22 18
F 6	18 57 31	14 20 13	13♒48 19	09 24	08 46	01 19	05 19	22 51	08 31	02 54	08 06	04 27	03 05	03 51	22 25
Sa 7	19 01 28	15 17 24	27 28 52	10 02	09 04	01 51	05 31	22 53	08 31	02 53	08 04	04 21	03 01	00♊44	22 32
Su 8	19 05 24	16 14 35	10♓44 14	10 36	09 25	02 23	05 44	22 54	08 32	02 52	08 03	04 15	02 58	27♉40	22 38
M 9	19 09 21	17 11 47	23 35 12	11 06	09 47	02 55	05 56	22 55	08 32	02 51	08 01	04 11	02 55	25 00	22 45
T 10	19 13 18	18 08 59	06♈04 24	11 31	10 11	03 28	06 08	22 56	08 32	02 50	08 00	04 09	02 52	23 00	22 52
W 11	19 17 14	19 06 12	18 15 46	11 53	10 37	04 00	06 20	22 58	08 32	02 49	07 59	04 08	02 49	21 40	22 58
Th 12	19 21 11	20 03 25	00♉14 06	12 10	11 04	04 33	06 32	23 00	08 32	02 48	07 57	04 D 08	02 46	20 54	23 05
F 13	19 25 07	21 00 38	12 04 30	12 22	11 33	05 06	06 44	23 01	08 32	02 47	07 56	04 10	02 42	20 26	23 12
Sa 14	19 29 04	21 57 52	23 52 08	12 30	12 03	05 39	06 56	23 03	08 R 32	02 46	07 54	04 11	02 39	20 03	23 18
Su 15	19 33 00	22 55 07	05♊41 47	12 33	12 34	06 13	07 08	23 05	08 32	02 45	07 53	04 R 11	02 36	19 33	23 25
M 16	19 36 57	23 52 22	17 37 46	12 R 31	13 07	06 46	07 20	23 07	08 32	02 43	07 51	04 10	02 33	18 54	23 32
T 17	19 40 53	24 49 38	29 43 37	12 24	13 41	07 20	07 32	23 09	08 32	02 42	07 50	04 07	02 30	18 13	23 39
W 18	19 44 50	25 46 54	12♋01 59	12 12	14 17	07 54	07 43	23 11	08 32	02 41	07 48	04 02	02 26	17 49	23 45
Th 19	19 48 47	26 44 10	24 34 32	11 56	14 54	08 28	07 55	23 13	08 32	02 40	07 47	03 55	02 23	18 D 12	23 52
F 20	19 52 43	27 41 27	07♌21 55	11 35	15 31	09 02	08 06	23 16	08 31	02 38	07 45	03 46	02 20	19 49	23 59
Sa 21	19 56 40	28 38 45	20 23 52	11 10	16 10	09 36	08 17	23 18	08 31	02 37	07 44	03 36	02 17	22 56	24 05
Su 22	20 00 36	29 36 03	03♍39 26	10 40	16 50	10 10	08 29	23 21	08 31	02 36	07 43	03 27	02 14	27 28	24 12
M 23	20 04 33	00♌33 21	17 07 19	10 07	17 32	10 45	08 40	23 23	08 30	02 35	07 41	03 19	02 11	02♊49	24 19
T 24	20 08 29	01 30 40	00♎46 08	09 31	18 14	11 19	08 51	23 26	08 30	02 33	07 40	03 14	02 07	08 07	24 25
W 25	20 12 26	02 27 58	14 34 42	08 52	18 57	11 54	09 02	23 29	08 29	02 32	07 39	03 10	02 04	12 30	24 32
Th 26	20 16 22	03 25 18	28 32 07	08 11	19 41	12 29	09 13	23 32	08 29	02 31	07 37	03 09	02 01	15 22	24 39
F 27	20 20 19	04 22 37	12♏37 38	07 28	20 25	13 04	09 24	23 35	08 28	02 29	07 36	03 D 09	01 58	16 41	24 45
Sa 28	20 24 16	05 19 58	26 50 20	06 44	21 11	13 39	09 34	23 38	08 27	02 28	07 35	03 09	01 55	16 R 51	24 52
Su 29	20 28 12	06 17 18	11♐08 43	06 00	21 58	14 14	09 45	23 41	08 27	02 26	07 33	03 R 09	01 52	16 28	24 59
M 30	20 32 09	07 14 40	25 30 20	05 17	22 45	14 50	09 55	23 44	08 26	02 25	07 32	03 07	01 48	16 03	25 05
T 31	20 36 05	08♌12 01	09♑51 33	04♌R36	23♊33	15♎25	10♊06	23♎48	08♈R25	02♈R23	07♑R31	03♐R03	01♐R45	15♊R44	25♉12

●◐ PHASES ○◑

Day	h:m	Phase	Long.
3	18:53	○	12♑14
11	01:49	◑	19♈11
19	04:25	●	26♋55
26	08:57	◐	03♏47

INGRESS & STATION

2 22:52	☽♑	9 12:15	☽♈
3 12:33	☌☊	11 23:32	☽♉
5 00:27	☽♒	13 09:50	☿R
7 04:30	☽♓	14 12:28	☽♊

Day	h:m		
15	02:17	☿	R
17	00:32	☽♋	
19	10:14	☽♌	

Day	h:m		
21	17:25	☽♍	
22	10:02	☉♌	
23	22:39	☽☊	

Day	h:m		
26	02:30	☽♏	
28	05:19	☽♐	
30	07:30	☽♑	

DATA for 0h

1 JULY 2012

Day	= 41090
AYANAMSA	= 24° 02′ 09″
SVP	= 05° 04′ 51″♓
⚷	= 09° 35′♓ R
Delta T	= 77 s

AUGUST 2012

Day	S.T.	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊ True	☊ Mean	⚸ True	⚸ Mean
	h m s	° ′ ″	° ′ ″	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′
W 1	20 40 02	09♌09 24	24♑07 45	03♌R57	24♊22	16♎01	10♊16	23♎51	08♈R24	02♈R22	07♑R30	02♐R56	01♐R42	15♊R18	25♉19
Th 2	20 43 58	10 06 47	08♒13 43	03 21	25 12	16 37	10 26	23 54	08 23	02 20	07 28	02 47	01 39	14 22	25 25
F 3	20 47 55	11 04 11	22 04 30	02 49	26 02	17 13	10 36	23 58	08 22	02 19	07 27	02 37	01 36	12 38	25 32
Sa 4	20 51 51	12 01 36	05♓36 12	02 21	26 53	17 49	10 46	24 02	08 21	02 17	07 26	02 26	01 32	10 04	25 39
Su 5	20 55 48	12 59 02	18 46 32	01 59	27 44	18 25	10 56	24 05	08 20	02 16	07 25	02 16	01 29	06 58	25 46
M 6	20 59 45	13 56 29	01♈35 08	01 42	28 37	19 01	11 06	24 09	08 19	02 14	07 24	02 07	01 26	03 47	25 52
T 7	21 03 41	14 53 57	14 33 32	01 31	29 29	19 37	11 16	24 13	08 18	02 13	07 22	02 01	01 23	00♊57	25 59
W 8	21 07 38	15 51 26	26 14 49	01 26	00♋23	20 14	11 25	24 17	08 17	02 11	07 21	01 57	01 20	28♉44	26 06
Th 9	21 11 34	16 48 57	08♉13 17	01 D 28	01 17	20 51	11 35	24 21	08 16	02 10	07 20	01 56	01 17	27 07	26 12
F 10	21 15 31	17 46 29	20 03 56	01 36	02 12	21 27	11 44	24 25	08 15	02 08	07 19	01 D 55	01 13	25 54	26 19
Sa 11	21 19 27	18 44 03	01♊52 13	01 52	03 07	22 04	11 53	24 30	08 13	02 07	07 18	01 55	01 10	24 46	26 26
Su 12	21 23 24	19 41 38	13 43 33	02 14	04 02	22 41	12 02	24 34	08 12	02 05	07 17	01 R 55	01 07	23 24	26 32
M 13	21 27 20	20 39 15	25 43 03	02 43	04 58	23 18	12 11	24 38	08 11	02 03	07 16	01 53	01 04	21 36	26 39
T 14	21 31 17	21 36 53	07♋55 14	03 20	05 55	23 55	12 20	24 43	08 09	02 02	07 15	01 48	01 01	19 19	26 46
W 15	21 35 14	22 34 32	20 23 37	04 03	06 52	24 33	12 29	24 47	08 08	02 00	07 14	01 41	00 58	16 45	26 52
Th 16	21 39 10	23 32 13	03♌10 28	04 54	07 49	25 10	12 37	24 52	08 06	01 59	07 13	01 32	00 54	14 16	26 59
F 17	21 43 07	24 29 55	16 16 28	05 50	08 47	25 48	12 46	24 57	08 05	01 57	07 12	01 20	00 51	12 20	27 06
Sa 18	21 47 03	25 27 38	29 40 41	06 54	09 46	26 25	12 54	25 01	08 03	01 55	07 11	01 08	00 48	11 23	27 12
Su 19	21 51 00	26 25 22	13♍20 46	08 03	10 44	27 03	13 02	25 06	08 02	01 54	07 11	00 56	00 45	11 D 36	27 19
M 20	21 54 56	27 23 08	27 13 16	09 19	11 44	27 41	13 10	25 11	08 00	01 52	07 10	00 45	00 42	12 51	27 26
T 21	21 58 53	28 20 55	11♎14 22	10 40	12 43	28 19	13 18	25 16	07 58	01 50	07 09	00 37	00 38	14 47	27 32
W 22	22 02 49	29 18 44	25 20 25	12 06	13 43	28 57	13 26	25 21	07 57	01 49	07 08	00 32	00 35	16 58	27 39
Th 23	22 06 46	00♍16 33	09♏28 34	13 37	14 43	29 35	13 33	25 26	07 55	01 47	07 07	00 29	00 32	19 07	27 46
F 24	22 10 42	01 14 24	23 36 46	15 13	15 44	00♏14	13 41	25 31	07 53	01 46	07 07	00 29	00 29	21 15	27 52
Sa 25	22 14 39	02 12 16	07♐47 43	16 53	16 45	00 52	13 48	25 36	07 51	01 44	07 06	00 29	00 26	23 36	27 59
Su 26	22 18 36	03 10 09	21 48 43	18 36	17 46	01 31	13 55	25 42	07 49	01 42	07 05	00 28	00 23	26 27	28 06
M 27	22 22 32	04 08 03	05♑50 36	20 23	18 48	02 09	14 02	25 47	07 48	01 41	07 05	00 25	00 19	29 54	28 13
T 28	22 26 29	05 05 58	19 47 59	22 12	19 50	02 48	14 09	25 52	07 46	01 39	07 04	00 20	00 16	03♊40	28 19
W 29	22 30 25	06 03 55	03♒38 43	24 04	20 52	03 27	14 16	25 58	07 44	01 37	07 03	00 13	00 13	07 12	28 26
Th 30	22 34 22	07 01 53	17 20 03	25 57	21 54	04 06	14 23	26 03	07 42	01 36	07 03	00♐02	00 10	09 51	28 33
F 31	22 38 18	07♍59 53	00♓49 01	27♌52	22♋57	04♏45	14♊29	26♎09	07♈R40	01♈R34	07♑R02	29♏R50	00♐R07	11♊12	28♉39

●◐ PHASES ○◑

Day	h:m	Phase	Long.
2	03:29	○	10♒15
9	18:56	◑	17♉34
17	15:56	●	25♌08
24	13:55	◐	01♐48
31	13:59	○	08♓34

INGRESS & STATION

1 09:57	☽♒	8 05:41	☿D
3 13:59	☽♓	07:29	☽♉
5 21:00	☽♈	10 20:12	☽♊
7 13:44	☿♋	13 08:29	☽♋

Day	h:m		
15	18:06	☽♌	
18	00:34	☽♍	
20	04:46	☽☊	
22	07:55	☽♏	

Day	h:m		
	17:08	☉♍	
23	15:25	♂♏	
24	10:51	☽♐	

Day	h:m		
26	14:00	☽♑	
28	17:39	☽♒	
30	22:32	☽♓	

DATA for 0h

1 AUGUST 2012

Day	= 41121
AYANAMSA	= 24° 02′ 14″
SVP	= 05° 04′ 46″♓
⚷	= 08° 40′♓ R
Delta T	= 77 s

SEPTEMBER 2012

Day	S.T.	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊ True	☊ Mean	⚸ True	⚸ Mean
	h m s	° ′ ″	° ′ ″	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′
Sa 1	22 42 15	08♍57 54	14♓02 58	29♌48	24♋00	05♏24	14♊35	26♎15	07♈R38	01♓R32	07♑R02	29♏R38	00♐R04	11♊R06	28♉46
Su 2	22 46 11	09 55 57	27 00 00	01♍44	25 04	06 03	14 41	26 20	07 36	01 31	07 01	29 26	00♐00	09 51	28 53
M 3	22 50 08	10 54 02	09♈39 29	03 41	26 07	06 42	14 47	26 26	07 34	01 29	07 01	29 16	29♏57	07 54	28 59
T 4	22 54 05	11 52 08	22 02 10	05 38	27 11	07 22	14 53	26 32	07 32	01 28	07 00	29 08	29 54	05 46	29 06
W 5	22 58 01	12 50 16	04♉10 13	07 35	28 16	08 01	14 59	26 38	07 29	01 26	07 00	29 03	29 51	03 51	29 13
Th 6	23 01 58	13 48 27	16 06 58	09 32	29 20	08 41	15 04	26 44	07 27	01 24	06 59	29 01	29 48	02 20	29 19
F 7	23 05 54	14 46 39	27 56 45	11 28	00♌25	09 21	15 09	26 50	07 25	01 23	06 59	29 00	29 44	01 09	29 26
Sa 8	23 09 51	15 44 53	09♊44 37	13 23	01 30	10 00	15 14	26 56	07 23	01 21	06 59	29 D 01	29 41	00♊08	29 33
Su 9	23 13 47	16 43 10	21 35 56	15 18	02 35	10 40	15 19	27 02	07 21	01 20	06 58	29 R 01	29 38	29♉01	29 39
M 10	23 17 44	17 41 28	03♋36 12	17 12	03 40	11 20	15 24	27 08	07 19	01 18	06 58	28 59	29 35	27 29	29 46
T 11	23 21 40	18 39 49	15 50 34	19 05	04 46	12 00	15 29	27 14	07 16	01 16	06 58	28 56	29 32	25 20	29 53
W 12	23 25 37	19 38 11	28 23 32	20 57	05 52	12 40	15 33	27 20	07 14	01 15	06 58	28 51	29 29	22 32	29 59
Th 13	23 29 34	20 36 36	11♌18 22	22 49	06 58	13 21	15 37	27 27	07 12	01 13	06 58	28 43	29 25	19 18	00♊06
F 14	23 33 30	21 35 02	24 36 39	24 39	08 05	14 01	15 41	27 33	07 10	01 12	06 57	28 33	29 22	15 59	00 13
Sa 15	23 37 27	22 33 31	08♍17 56	26 28	09 11	14 42	15 45	27 39	07 07	01 10	06 57	28 22	29 19	13 05	00 20
Su 16	23 41 23	23 32 01	22 19 31	28 16	10 18	15 22	15 49	27 46	07 05	01 09	06 57	28 12	29 16	10 52	00 26
M 17	23 45 20	24 30 34	06♎36 46	00♌03	11 25	16 03	15 53	27 52	07 03	01 07	06 57	28 02	29 13	09 23	00 33
T 18	23 49 16	25 29 08	21 03 49	01 49	12 32	16 44	15 56	27 59	07 00	01 06	06 57	27 55	29 09	08 21	00 40
W 19	23 53 13	26 27 44	05♏34 27	03 33	13 39	17 24	15 59	28 05	06 58	01 04	06 D 57	27 51	29 06	07 23	00 46
Th 20	23 57 09	27 26 22	20 03 08	05 17	14 47	18 05	16 02	28 12	06 55	01 03	06 57	27 49	29 03	06 15	00 53
F 21	00 01 06	28 25 01	04♐25 38	07 00	15 54	18 46	16 05	28 18	06 53	01 02	06 57	27 D 49	29 00	05 05	01 00
Sa 22	00 05 03	29 23 43	18 39 08	08 42	17 02	19 27	16 07	28 25	06 51	01 00	06 57	27 50	28 57	04 23	01 06
Su 23	00 08 59	00♎22 26	02♑42 11	10 23	18 10	20 09	16 10	28 32	06 48	00 59	06 58	27 R 50	28 54	04 D 52	01 13
M 24	00 12 56	01 21 10	16 34 12	12 02	19 19	20 50	16 12	28 38	06 46	00 57	06 58	27 49	28 50	07 03	01 20
T 25	00 16 52	02 19 56	00♒14 58	13 41	20 27	21 31	16 14	28 45	06 44	00 56	06 58	27 46	28 47	11 02	01 26
W 26	00 20 49	03 18 44	13 44 19	15 19	21 35	22 13	16 16	28 52	06 41	00 55	06 58	27 40	28 44	16 22	01 33
Th 27	00 24 45	04 17 34	27 01 54	16 56	22 44	22 54	16 17	28 59	06 39	00 53	06 58	27 33	28 41	22 13	01 40
F 28	00 28 42	05 16 25	10♓07 07	18 32	23 53	23 36	16 19	29 05	06 36	00 52	06 59	27 24	28 38	27 37	01 46
Sa 29	00 32 38	06 15 18	22 59 22	20 07	25 02	24 18	16 20	29 12	06 34	00 51	06 59	27 14	28 35	01♊52	01 53
Su 30	00 36 35	07♎14 13	05♈38 13	21♎42	26♌11	24♏59	16♊21	29♎19	06♈R31	00♓R50	06♑59	27♏R06	28♏R31	04♊38	02♊00

PHASES

Day	h:m	Phase	Long.
8	13:16	◑	16♊17
16	02:12	●	23♍37
22	19:42	◐	00♑12
30	03:20	○	07♈22

INGRESS & STATION

Day	h:m		Day	h:m		Day	h:m		Day	h:m	
1	02:33	☿ ♍	7	04:11	☽ ♊	16	12:56	☽ ♌	20	16:35	☽ ♐
2	05:38	☽ ♈	9	16:50	☽ ♋		23:23	☿ ♌	22	14:50	☉ ♌
4	15:42	☽ ♉	12	03:02	☽ ♌	18	05:06	♆ D		19:22	☽ ♑
6	14:49	♀ ♌	14	09:32	☽ ♍		14:47	☽ ♏	24	23:34	☽ ♒
									27	05:25	☽ ♓
									29	13:15	☽ ♈

DATA for 0h

1 SEPTEMBER 2012

Day	= 41152
AYANAMSA	= 24° 02′ 17″
SVP	= 05° 04′ 42″ ♓
⚷	= 07° 15′ ♓ R
Delta T	= 77 s

OCTOBER 2012

Day	S.T.	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊ True	☊ Mean	⚸ True	⚸ Mean
	h m s	° ′ ″	° ′ ″	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′
M 1	00 40 31	08♎13 11	18♈03 41	23♎15	27♌21	25♏41	16♊22	29♎26	06♈R29	00♓R48	07♑00	26♏R58	28♏R28	06♊03	02♊06
T 2	00 44 28	09 12 10	00♉16 33	24 48	28 30	26 23	16 22	29 33	06 27	00 47	07 00	26 53	28 25	06 30	02 13
W 3	00 48 25	10 11 11	12 18 22	26 20	29 40	27 05	16 23	29 40	06 24	00 46	07 01	26 49	28 22	06 R 28	02 20
Th 4	00 52 21	11 10 15	24 11 38	27 50	00♍49	27 47	16 23	29 47	06 22	00 45	07 01	26 48	28 19	06 21	02 27
F 5	00 56 18	12 09 21	05♊59 40	29 20	01 59	28 29	16 R 23	29 54	06 19	00 44	07 02	26 D 48	28 15	06 D 20	02 33
Sa 6	01 00 14	13 08 29	17 46 34	00♏50	03 09	29 12	16 23	00♏01	06 17	00 43	07 02	26 50	28 12	06 25	02 40
Su 7	01 04 11	14 07 40	29 37 00	02 18	04 20	29 54	16 22	00 08	06 15	00 42	07 03	26 51	28 09	06 R 24	02 47
M 8	01 08 07	15 06 53	11♋36 03	03 46	05 30	00♐36	16 22	00 15	06 12	00 40	07 03	26 52	28 06	06 02	02 53
T 9	01 12 04	16 06 08	23 48 54	05 12	06 40	01 19	16 21	00 22	06 10	00 39	07 04	26 R 52	28 03	05 01	03 00
W 10	01 16 00	17 05 25	06♌20 27	06 38	07 51	02 02	16 20	00 29	06 07	00 38	07 05	26 50	28 00	03 12	03 07
Th 11	01 19 57	18 04 45	19 14 54	08 03	09 02	02 44	16 19	00 37	06 05	00 37	07 05	26 47	27 56	00♊37	03 13
F 12	01 23 54	19 04 07	02♍35 09	09 27	10 13	03 27	16 17	00 44	06 03	00 36	07 06	26 42	27 53	27♉33	03 20
Sa 13	01 27 50	20 03 31	16 22 06	10 50	11 24	04 10	16 16	00 51	06 00	00 36	07 07	26 36	27 50	24 23	03 27
Su 14	01 31 47	21 02 57	00♎34 16	12 12	12 35	04 53	16 14	00 58	05 58	00 35	07 07	26 30	27 47	21 31	03 33
M 15	01 35 43	22 02 26	15 07 30	13 33	13 46	05 36	16 12	01 05	05 56	00 34	07 08	26 25	27 44	19 08	03 40
T 16	01 39 40	23 01 56	29 55 24	14 53	14 57	06 19	16 10	01 12	05 54	00 33	07 09	26 21	27 40	17 11	03 47
W 17	01 43 36	24 01 29	14♏50 04	16 12	16 08	07 02	16 07	01 20	05 51	00 32	07 10	26 19	27 37	15 26	03 53
Th 18	01 47 33	25 01 04	29 43 23	17 29	17 20	07 45	16 05	01 27	05 49	00 31	07 11	26 D 19	27 34	13 35	04 00
F 19	01 51 29	26 00 40	14♐28 09	18 46	18 32	08 29	16 02	01 34	05 47	00 31	07 12	26 20	27 31	11 32	04 07
Sa 20	01 55 26	27 00 18	28 58 54	20 01	19 43	09 12	15 59	01 41	05 45	00 30	07 13	26 21	27 28	09 28	04 13
Su 21	01 59 23	27 59 58	13♑12 15	21 14	20 55	09 56	15 56	01 49	05 42	00 29	07 14	26 23	27 25	07 48	04 20
M 22	02 03 19	28 59 40	27 06 39	22 26	22 07	10 39	15 52	01 56	05 40	00 28	07 15	26 23	27 21	07 04	04 27
T 23	02 07 16	29 59 23	10♒42 07	23 36	23 19	11 23	15 49	02 03	05 38	00 28	07 16	26 R 23	27 18	07 D 43	04 34
W 24	02 11 12	00♏59 08	23 59 34	24 44	24 31	12 06	15 45	02 10	05 36	00 27	07 17	26 21	27 15	09 52	04 40
Th 25	02 15 09	01 58 55	07♓00 27	25 49	25 43	12 50	15 41	02 18	05 34	00 27	07 18	26 18	27 12	13 21	04 47
F 26	02 19 05	02 58 43	19 46 26	26 53	26 56	13 34	15 37	02 25	05 32	00 26	07 19	26 15	27 09	17 43	04 54
Sa 27	02 23 02	03 58 33	02♈19 06	27 54	28 08	14 18	15 32	02 32	05 30	00 25	07 20	26 11	27 06	22 25	05 00
Su 28	02 26 58	04 58 25	14 39 59	28 52	29 20	15 02	15 28	02 39	05 28	00 25	07 21	26 08	27 02	26 57	05 07
M 29	02 30 55	05 58 19	26 50 33	29 46	00♎33	15 46	15 23	02 47	05 26	00 25	07 23	26 05	26 59	00♊58	05 14
T 30	02 34 52	06 58 15	08♉52 20	00♐37	01 46	16 30	15 18	02 54	05 24	00 24	07 24	26 03	26 56	04 18	05 20
W 31	02 38 48	07♏58 12	20♉47 03	01♐24	02♎58	17♐14	15♊13	03♎01	05♈R22	00♓R24	07♑25	26♏R02	26♏R53	07♊00	05♊27

PHASES

Day	h:m	Phase	Long.
8	07:34	◑	15♋26
15	12:04	●	22♎32
22	03:33	◐	29♑09
29	19:51	○	06♉48

INGRESS & STATION

Day	h:m		Day	h:m		Day	h:m		Day	h:m	
1	23:27	☽ ♉		20:34	♄ ♏	13	23:03	☽ ♌	22	05:03	☽ ♒
3	07:00	☿ ♍	7	00:46	☽ ♋	16	00:07	☽ ♏	23	00:15	☉ ♏
4	11:48	☽ ♊		03:22	♂ ♐	18	00:27	☽ ♐	24	11:01	☽ ♓
	13:19	♃ R	9	11:56	☽ ♌	20	01:42	☽ ♑	26	19:32	☽ ♈
5	10:36	☿ ♏	11	19:25	☽ ♍						

Day	= 41182
AYANAMSA	= 24° 02′ 20″
SVP	= 05° 04′ 40″ ♓
⚷	= 05° 54′ ♓ R
Delta T	= 77 s

NOVEMBER 2012

☉ TOTAL ECLIPSE, 21° 57' ♏, 13 NOVEMBER 22 h 12 m
☽ PENUMBRAL ECLIPSE, 06° 47' ♊, 28 NOVEMBER 14 h 33 m, INTENSITY 0.91

Day	S.T.	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊ True	☊ Mean	⚸ True	⚸ Mean
	h m s	° ' "	° ' "	° '	° '	° '	° '	° '	° '	° '	° '	° '	° '	° '	° '
Th 1	02 42 45	08♏58 12	02♊36 43	02♐07	04♌11	17♐58	15♊R08	03♏08	05♈R20	00♓R23	07♎26	26♏D02	26♏R50	09♊09	05♊34
F 2	02 46 41	09 58 14	14 23 48	02 45	05 24	18 43	15 03	03 16	05 18	00 23	07 28	26 03	26 46	10 59	05 40
Sa 3	02 50 38	10 58 17	26 11 16	03 17	06 37	19 27	14 57	03 23	05 16	00 23	07 29	26 04	26 43	12 37	05 47
Su 4	02 54 34	11 58 23	08♋02 36	03 43	07 50	20 11	14 52	03 30	05 14	00 22	07 30	26 06	26 40	14 07	05 54
M 5	02 58 31	12 58 31	20 01 46	04 02	09 03	20 56	14 46	03 37	05 13	00 22	07 32	26 07	26 37	15 20	06 00
T 6	03 02 27	13 58 40	02♌13 05	04 14	10 16	21 41	14 40	03 44	05 11	00 22	07 33	26 08	26 34	16 04	06 07
W 7	03 06 24	14 58 52	14 41 03	04 R 18	11 30	22 25	14 34	03 52	05 09	00 22	07 35	26 08	26 31	16 R 00	06 14
Th 8	03 10 21	15 59 06	27 29 58	04 13	12 43	23 10	14 28	03 59	05 08	00 22	07 36	26 R 08	26 27	14 57	06 20
F 9	03 14 17	16 59 22	10♍43 28	03 59	13 56	23 55	14 21	04 06	05 06	00 22	07 38	26 07	26 24	12 58	06 27
Sa 10	03 18 14	17 59 40	24 23 59	03 35	15 10	24 39	14 15	04 13	05 04	00 22	07 39	26 06	26 21	10 20	06 34
Su 11	03 22 10	18 59 59	08♎31 59	03 02	16 23	25 24	14 08	04 20	05 03	00 22	07 41	26 05	26 18	07 27	06 40
M 12	03 26 07	20 00 21	23 05 24	02 18	17 37	26 09	14 01	04 27	05 01	00 D 22	07 42	26 04	26 15	04 43	06 47
T 13	03 30 03	21 00 45	07♏59 26	01 24	18 51	26 54	13 54	04 34	05 00	00 22	07 44	26 04	26 12	02 23	06 54
W 14	03 34 00	22 01 10	23 06 39	00♌22	20 04	27 39	13 47	04 41	04 58	00 22	07 45	26 04	26 08	00♊24	07 01
Th 15	03 37 56	23 01 37	08♐54 12	29♏12	21 18	28 25	13 40	04 49	04 57	00 22	07 47	26 D 04	26 05	28♉31	07 07
F 16	03 41 53	24 02 06	23 23 40	27 56	22 32	29 10	13 33	04 56	04 56	00 22	07 49	26 04	26 02	26 29	07 14
Sa 17	03 45 50	25 02 36	08♑15 25	26 36	23 46	29 55	13 25	05 03	04 54	00 22	07 50	26 04	25 59	24 10	07 21
Su 18	03 49 46	26 03 08	22 46 42	25 15	25 00	00♑40	13 18	05 09	04 53	00 22	07 52	26 04	25 56	21 44	07 27
M 19	03 53 43	27 03 40	06♒53 43	23 55	26 14	01 26	13 10	05 16	04 52	00 23	07 54	26 R 04	25 52	19 32	07 34
T 20	03 57 39	28 04 14	20 35 15	22 39	27 28	02 11	13 03	05 23	04 51	00 23	07 55	26 04	25 49	18 02	07 41
W 21	04 01 36	29 04 49	03♓52 10	21 30	28 42	02 57	12 55	05 30	04 50	00 23	07 57	26 D 04	25 46	17 D 35	07 47
Th 22	04 05 32	00♐05 25	16 46 48	20 30	29 56	03 42	12 47	05 37	04 49	00 24	07 59	26 04	25 43	18 22	07 54
F 23	04 09 29	01 06 02	29 22 19	19 39	01♏10	04 28	12 39	05 44	04 47	00 24	08 01	26 05	25 40	20 16	08 01
Sa 24	04 13 25	02 06 41	11♈42 14	18 59	02 24	05 13	12 31	05 51	04 46	00 24	08 02	26 05	25 37	23 01	08 07
Su 25	04 17 22	03 07 21	23 50 00	18 32	03 38	05 59	12 23	05 57	04 46	00 25	08 04	26 06	25 33	26 15	08 14
M 26	04 21 19	04 08 01	05♉48 50	18 15	04 53	06 45	12 15	06 04	04 45	00 25	08 06	26 07	25 30	29 42	08 21
T 27	04 25 15	05 08 44	17 41 35	18 D 10	06 07	07 31	12 07	06 11	04 44	00 26	08 08	26 07	25 27	03♊09	08 27
W 28	04 29 12	06 09 27	29 30 47	18 16	07 21	08 17	11 59	06 17	04 43	00 26	08 10	26 R 07	25 24	06 31	08 34
Th 29	04 33 08	07 10 12	11♊18 41	18 32	08 36	09 03	11 51	06 24	04 42	00 27	08 12	26 07	25 21	09 50	08 41
F 30	04 37 05	08♐10 58	23♊07 23	18♏57	09♏50	09♑48	11♊R43	06♏31	04♈R42	00♓28	08♎13	26♏R06	25♏R18	13♊08	08♊48

●◐ PHASES ○◑

Day	h:m	Phase	Long.
7	00:37	◑	15♌00
13	22:09	●	21♏57
20	14:33	◐	28♒41
28	14:47	○	06♊47

INGRESS & STATION

Day	h:m		Day	h:m		Day	h:m		Day	h:m	
3	07:44	☽♋	10	09:36	☽♌		10:53	☽♐	20	16:56	☽♓
5	19:40	☽♌	11	07:54	☿ D	16	10:37	☽♎	21	21:51	☉♐
6	23:05	☿ R	12	11:11	☽♏	17	02:37	♂♎	22	01:21	♀♑
8	04:36	☽♍	14	07:44	☿♏	18	12:11	☽♒	23	01:13	☽♈
									25	12:19	☽♉
									26	22:49	☿ D
									28	00:59	☽♊
									30	13:56	☽♋

DATA for 0h

1 NOVEMBER 2012

Day	= 41213
AYANAMSA	= 24° 02' 23"
SVP	= 05° 04' 37" ♓
⚷	= 05° 04' ♓ R
Delta T	= 77 s

DECEMBER 2012

Day	S.T.	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊ True	☊ Mean	⚸ True	⚸ Mean
	h m s	° ' "	° ' "	° '	° '	° '	° '	° '	° '	° '	° '	° '	° '	° '	° '
Sa 1	04 41 01	09♐11 45	04♋59 00	19♏30	11♏05	10♑34	11♊R35	06♏37	04♈R41	00♓28	08♎15	26♏R04	25♏R14	16♊27	08♊54
Su 2	04 44 58	10 12 33	16 55 46	20 11	12 19	11 21	11 27	06 44	04 40	00 29	08 17	26 02	25 11	19 44	09 01
M 3	04 48 54	11 13 23	29 00 10	20 58	13 34	12 07	11 18	06 50	04 40	00 30	08 19	26 00	25 08	22 52	09 08
T 4	04 52 51	12 14 14	11♌15 03	21 52	14 48	12 53	11 10	06 56	04 39	00 30	08 21	25 58	25 05	25 35	09 14
W 5	04 56 48	13 15 07	23 43 34	22 50	16 03	13 39	11 02	07 03	04 39	00 31	08 23	25 56	25 02	27 36	09 21
Th 6	05 00 44	14 16 00	06♍29 04	23 52	17 18	14 25	10 54	07 09	04 38	00 32	08 25	25 55	24 58	28 35	09 28
F 7	05 04 41	15 16 55	19 34 53	24 59	18 32	15 11	10 46	07 15	04 38	00 33	08 27	25 D 55	24 55	28 R 23	09 34
Sa 8	05 08 37	16 17 52	03♎03 55	26 09	19 47	15 58	10 38	07 21	04 38	00 34	08 29	25 55	24 52	27 04	09 41
Su 9	05 12 34	17 18 49	16 58 04	27 22	21 02	16 44	10 30	07 28	04 37	00 35	08 31	25 57	24 49	24 56	09 48
M 10	05 16 30	18 19 48	01♏17 32	28 37	22 16	17 31	10 22	07 34	04 37	00 36	08 33	25 58	24 46	22 24	09 54
T 11	05 20 27	19 20 48	16 00 15	29 54	23 31	18 17	10 14	07 40	04 37	00 37	08 35	25 59	24 43	19 55	10 01
W 12	05 24 23	20 21 49	01♐01 19	01♑14	24 46	19 04	10 06	07 46	04 37	00 38	08 37	25 R 59	24 39	17 42	10 08
Th 13	05 28 20	21 22 51	16 13 10	02 35	26 01	19 50	09 58	07 52	04 37	00 39	08 39	25 58	24 36	15 44	10 14
F 14	05 32 17	22 23 54	01♑26 15	03 57	27 16	20 37	09 50	07 58	04 D 37	00 40	08 41	25 56	24 33	13 49	10 21
Sa 15	05 36 13	23 24 57	16 30 29	05 21	28 31	21 23	09 42	08 03	04 37	00 41	08 43	25 52	24 30	11 38	10 28
Su 16	05 40 10	24 26 02	01♒46 46	06 45	29 45	22 10	09 34	08 09	04 37	00 42	08 45	25 48	24 27	09 05	10 34
M 17	05 44 06	25 27 06	15 38 25	08 11	01♑00	22 57	09 27	08 15	04 37	00 43	08 48	25 44	24 24	06 16	10 41
T 18	05 48 03	26 28 11	29 31 52	09 37	02 15	23 43	09 19	08 21	04 37	00 44	08 50	25 40	24 20	03 32	10 48
W 19	05 51 59	27 29 16	12♓56 32	11 05	03 30	24 30	09 12	08 26	04 38	00 46	08 52	25 38	24 17	01 20	10 55
Th 20	05 55 56	28 30 22	25 54 19	12 32	04 45	25 17	09 05	08 32	04 38	00 47	08 54	25 36	24 14	00♊02	11 01
F 21	05 59 52	29 31 27	08♈28 49	14 01	06 00	26 04	08 57	08 37	04 38	00 48	08 56	25 D 37	24 11	29♉44	11 08
Sa 22	06 03 49	00♑32 33	20 44 32	15 29	07 15	26 51	08 50	08 43	04 39	00 50	08 58	25 38	24 08	00♊22	11 15
Su 23	06 07 46	01 33 40	02♉46 21	16 59	08 30	27 38	08 43	08 48	04 39	00 51	09 00	25 40	24 04	01 39	11 21
M 24	06 11 42	02 34 46	14 39 00	18 28	09 45	28 24	08 36	08 53	04 40	00 52	09 02	25 42	24 01	03 17	11 28
T 25	06 15 39	03 35 53	26 26 49	19 58	11 00	29 11	08 30	08 58	04 40	00 54	09 04	25 R 42	23 58	05 07	11 35
W 26	06 19 35	04 36 59	08♊13 33	21 29	12 15	29 58	08 23	09 03	04 41	00 55	09 06	25 41	23 55	07 06	11 41
Th 27	06 23 32	05 38 07	20 02 18	22 59	13 30	00♒45	08 17	09 08	04 42	00 57	09 09	25 38	23 52	09 22	11 48
F 28	06 27 28	06 39 14	01♋55 33	24 31	14 45	01 32	08 10	09 13	04 42	00 58	09 11	25 33	23 49	12 06	11 55
Sa 29	06 31 25	07 40 21	13 55 09	26 02	16 00	02 19	08 04	09 18	04 43	01 00	09 13	25 27	23 45	15 24	12 01
Su 30	06 35 21	08 41 29	26 02 32	27 34	17 15	03 07	07 58	09 23	04 44	01 01	09 15	25 18	23 42	19 22	12 08
M 31	06 39 18	09♑42 37	08♌18 55	29♐06	18♐31	03♒54	07♊R52	09♏28	04♈45	01♓03	09♎17	25♏R10	23♏R39	23♊50	12♊15

●◐ PHASES ○◑

Day	h:m	Phase	Long.
6	15:33	◑	14♍55
13	08:43	●	21♐45
20	05:20	◐	28♓44
28	10:22	○	07♋06

INGRESS & STATION

Day	h:m		Day	h:m		Day	h:m		Day	h:m	
3	01:58	☽♌	11	01:41	☿♐	15	21:54	☽♒	21	11:13	☉♑
5	11:53	☽♍		22:23	☽♐	16	04:39	♀♐	22	18:26	☽♉
7	18:36	☽♎	13	12:03	⚷ D	18	00:49	☽♓	25	07:14	☽♊
9	21:52	☽♏		21:44	☽♑	20	07:44	☽♈	26	00:50	♂♒
									27	20:08	☽♋
									30	07:46	☽♌
									31	14:04	☿♑

DATA for 0h

1 DECEMBER 2012

Day	= 41243
AYANAMSA	= 24° 02' 27"
SVP	= 05° 04' 32" ♓
⚷	= 05° 06' ♓
Delta T	= 77 s