# EFEMÉRIDES CIENTÍFICA E SIMPLIFICADA – ROSACRUZ

# CALCULADA PARA O MEIO-DIA DE GREENWICH

# JANEIRO DE 2008

## Longitude dos Astros

Tropical Ephemeris - terΨa-feira, 01 jan 2008 at noon, Greenwich SVP = 05♓08.72 True Ayanamsa = 23d 58m 16s
Julian Day = 2454467.0 Geocentric - An '!' symbol instead of a '.' denotes a Rx planet.

| Long. | Sidereal Time | Sun | Moon | Mercury | Venus | Mars | Jupiter | Saturn | Uranus | Neptune | Pluto | N. Node |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | h m s | ° ' | ° ' | ° ' | ° ' | ° ' | ° ' | ° ' | ° ' | ° ' | ° ' | ° ' |
| 01 jan | 18 42 5.3 | 10♑26.2 | 23♎18.0 | 19♑05.3 | 02♐07.0 | 29☌41!9 | 03♑07.8 | 08♍24!9 | 15♓23.0 | 20♒16.3 | 29♐09.4 | 29♒03!3 |
| 02 jan | 18 46 1.9 | 11♑27.4 | 05♍10.0 | 20♑42.9 | 03♐19.8 | 29☌20!6 | 03♑21.5 | 08♍23!4 | 15♓24.8 | 20♒18.1 | 29♐11.5 | 29♒00!1 |
| 03 jan | 18 49 58.4 | 12♑28.5 | 17♍00.6 | 22♑20.7 | 04♐32.6 | 28☌59!7 | 03♑35.2 | 08♍21!8 | 15♓26.8 | 20♒20.0 | 29♐13.7 | 28♒54!9 |
| 04 jan | 18 53 55.0 | 13♑29.7 | 28♍53.7 | 23♑58.6 | 05♐45.4 | 28☌39!4 | 03♑48.9 | 08♍20!1 | 15♓28.8 | 20♒21.9 | 29♐15.9 | 28♒47!8 |
| 05 jan | 18 57 51.6 | 14♑30.9 | 10♐52.7 | 25♑36.4 | 06♐58.3 | 28☌19!7 | 04♑02.6 | 08♍18!4 | 15♓30.8 | 20♒23.8 | 29♐18.0 | 28♒39!5 |
| 06 jan | 19 1 48.1 | 15♑32.1 | 22♐60.0 | 27♑14.3 | 08♐11.3 | 28☌00!5 | 04♑16.3 | 08♍16!5 | 15♓32.8 | 20♒25.8 | 29♐20.2 | 28♒30!7 |
| 07 jan | 19 5 44.7 | 16♑33.3 | 05♑17.2 | 28♑51.9 | 09♐24.3 | 27☌41!9 | 04♑29.9 | 08♍14!5 | 15♓35.0 | 20♒27.7 | 29♐22.3 | 28♒22!4 |
| 08 jan | 19 9 41.2 | 17♑34.4 | 17♑45.4 | 00♒29.3 | 10♐37.4 | 27☌24!0 | 04♑43.5 | 08♍12!4 | 15♓37.1 | 20♒29.7 | 29♐24.5 | 28♒15!4 |
| 09 jan | 19 13 37.8 | 18♑35.6 | 00♒24.9 | 02♒06.4 | 11♐50.5 | 27☌06!8 | 04♑57.1 | 08♍10!2 | 15♓39.3 | 20♒31.7 | 29♐26.6 | 28♒10!1 |
| 10 jan | 19 17 34.3 | 19♑36.8 | 13♒15.9 | 03♒42.9 | 13♐03.7 | 26☌50!3 | 05♑10.7 | 08♍07!9 | 15♓41.5 | 20♒33.7 | 29♐28.7 | 28♒07!0 |
| 11 jan | 19 21 30.9 | 20♑38.0 | 26♒18.3 | 05♒18.7 | 14♐16.9 | 26☌34!5 | 05♑24.3 | 08♍05!5 | 15♓43.8 | 20♒35.7 | 29♐30.8 | 28♒05!9 |
| 12 jan | 19 25 27.4 | 21♑39.1 | 09♓32.5 | 06♒53.5 | 15♐30.2 | 26☌19!4 | 05♑37.8 | 08♍03!0 | 15♓46.1 | 20♒37.8 | 29♐32.9 | 28♒06.4 |
| 13 jan | 19 29 24.0 | 22♑40.3 | 22♓58.9 | 08♒27.2 | 16♐43.5 | 26☌05!1 | 05♑51.3 | 08♍00!4 | 15♓48.4 | 20♒39.8 | 29♐35.0 | 28♒07.8 |
| 14 jan | 19 33 20.6 | 23♑41.4 | 06♈38.0 | 09♒59.3 | 17♐56.8 | 25☌51!6 | 06♑04.8 | 07♍57!7 | 15♓50.8 | 20♒41.9 | 29♐37.0 | 28♒09.4 |
| 15 jan | 19 37 17.1 | 24♑42.5 | 20♈30.3 | 11♒29.6 | 19♐10.1 | 25☌38!9 | 06♑18.3 | 07♍54!9 | 15♓53.2 | 20♒44.0 | 29♐39.1 | 28♒10.3 |
| 16 jan | 19 41 13.7 | 25♑43.6 | 04♉35.7 | 12♒57.7 | 20♐23.5 | 25☌26!9 | 06♑31.7 | 07♍52!0 | 15♓55.7 | 20♒46.1 | 29♐41.1 | 28♒10!1 |
| 17 jan | 19 45 10.2 | 26♑44.7 | 18♉52.9 | 14♒23.0 | 21♐37.0 | 25☌15!8 | 06♑45.1 | 07♍49!1 | 15♓58.2 | 20♒48.2 | 29♐43.2 | 28♒08!3 |
| 18 jan | 19 49 6.8 | 27♑45.8 | 03♊19.3 | 15♒45.2 | 22♐50.5 | 25☌05!5 | 06♑58.4 | 07♍46!0 | 16♓00.7 | 20♒50.3 | 29♐45.2 | 28♒05!2 |
| 19 jan | 19 53 3.3 | 28♑46.9 | 17♊50.9 | 17♒03.5 | 24♐04.0 | 24☌56!0 | 07♑11.8 | 07♍42!9 | 16♓03.2 | 20♒52.5 | 29♐47.2 | 28♒01!1 |
| 20 jan | 19 56 59.9 | 29♑48.0 | 02♋22.0 | 18♒17.3 | 25♐17.5 | 24☌47!3 | 07♑25.0 | 07♍39!7 | 16♓05.8 | 20♒54.6 | 29♐49.2 | 27♒56!7 |
| 21 jan | 20 0 56.4 | 00♒49.0 | 16♋46.6 | 19♒25.9 | 26♐31.1 | 24☌39!5 | 07♑38.3 | 07♍36!4 | 16♓08.5 | 20♒56.8 | 29♐51.1 | 27♒52!6 |
| 22 jan | 20 4 53.0 | 01♒50.1 | 00♌58.6 | 20♒28.5 | 27♐44.7 | 24☌32!4 | 07♑51.5 | 07♍33!0 | 16♓11.1 | 20♒59.0 | 29♐53.1 | 27♒49!5 |
| 23 jan | 20 8 49.6 | 02♒51.1 | 14♌53.0 | 21♒24.3 | 28♐58.3 | 24☌26!2 | 08♑04.7 | 07♍29!5 | 16♓13.8 | 21♒01.2 | 29♐55.0 | 27♒47!6 |
| 24 jan | 20 12 46.1 | 03♒52.1 | 28♌26.5 | 22♒12.4 | 00♑12.0 | 24☌20!7 | 08♑17.8 | 07♍26!0 | 16♓16.5 | 21♒03.4 | 29♐56.9 | 27♒47.0 |
| 25 jan | 20 16 42.7 | 04♒53.1 | 11♍37.6 | 22♒52.1 | 01♑25.7 | 24☌16!1 | 08♑30.9 | 07♍22!4 | 16♓19.3 | 21♒05.6 | 29♐58.8 | 27♒47.6 |
| 26 jan | 20 20 39.2 | 05♒54.1 | 24♍27.1 | 23♒22.3 | 02♑39.4 | 24☌12!3 | 08♑43.9 | 07♍18!7 | 16♓22.1 | 21♒07.8 | 00♑00.7 | 27♒48.9 |
| 27 jan | 20 24 35.8 | 06♒55.1 | 06♎56.9 | 23♒42.5 | 03♑53.1 | 24☌09!2 | 08♑56.9 | 07♍14!9 | 16♓24.9 | 21♒10.0 | 00♑02.6 | 27♒50.6 |
| 28 jan | 20 28 32.3 | 07♒56.0 | 19♎10.6 | 23♒52.1 | 05♑06.9 | 24☌06!9 | 09♑09.9 | 07♍11!1 | 16♓27.7 | 21♒12.2 | 00♑04.4 | 27♒52.1 |
| 29 jan | 20 32 28.9 | 08♒57.0 | 01♍12.3 | 23♒50!4 | 06♑20.7 | 24☌05!5 | 09♑22.8 | 07♍07!1 | 16♓30.6 | 21♒14.4 | 00♑06.3 | 27♒53.1 |
| 30 jan | 20 36 25.4 | 09♒58.0 | 13♍06.8 | 23♒37!4 | 07♑34.6 | 24☌04!7 | 09♑35.6 | 07♍03!2 | 16♓33.5 | 21♒16.7 | 00♑08.1 | 27♒53!3 |
| 31 jan | 20 40 22.0 | 10♒58.9 | 24♍58.9 | 23♒13!1 | 08♑48.4 | 24☌04.8 | 09♑48.4 | 06♍59!1 | 16♓36.4 | 21♒18.9 | 00♑09.9 | 27♒52!6 |

## Declinação dos Astros

Tropical Ephemeris - terΨa-feira, 01 jan 2008 at noon, Greenwich SVP = 05♓08.72 True Ayanamsa = 23d 58m 16s
Julian Day = 2454467.0 Geocentric - An '!' symbol instead of a '.' denotes a Rx planet.

| Decl. | Sidereal Time | Sun | Moon | Mercury | Venus | Mars | Jupiter | Saturn | Uranus | Neptune | Pluto | N. Node |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | h m s | ° ' | ° ' | ° ' | ° ' | ° ' | ° ' | ° ' | ° ' | ° ' | ° ' | ° ' |
| 01 jan | 18 42 5.3 | 23 s 01.8 | 12 s 55.3 | 24 s 12.2 | 18 s 36.2 | 26 n 56.9 | 23 s 14.1 | 09 n 58.6 | 06 s 27.5 | 15 s 00.2 | 17 s 09.2 | 11 s 48.2 |
| 02 jan | 18 46 1.9 | 22 s 56.8 | 17 s 39.8 | 23 s 58.3 | 18 s 51.9 | 26 n 57.6 | 23 s 13.8 | 09 n 59.4 | 06 s 26.7 | 14 s 59.6 | 17 s 09.3 | 11 s 49.3 |
| 03 jan | 18 49 58.4 | 22 s 51.3 | 21 s 43.3 | 23 s 42.7 | 19 s 07.2 | 26 n 58.1 | 23 s 13.6 | 10 n 00.2 | 06 s 25.9 | 14 s 59.0 | 17 s 09.3 | 11 s 51.1 |
| 04 jan | 18 53 55.0 | 22 s 45.4 | 24 s 54.7 | 23 s 25.7 | 19 s 22.0 | 26 n 58.5 | 23 s 13.3 | 10 n 01.1 | 06 s 25.1 | 14 s 58.4 | 17 s 09.4 | 11 s 53.6 |
| 05 jan | 18 57 51.6 | 22 s 39.0 | 27 s 02.2 | 23 s 07.0 | 19 s 36.2 | 26 n 58.8 | 23 s 13.0 | 10 n 02.0 | 06 s 24.3 | 14 s 57.8 | 17 s 09.4 | 11 s 56.5 |
| 06 jan | 19 1 48.1 | 22 s 32.2 | 27 s 55.3 | 22 s 46.9 | 19 s 50.0 | 26 n 59.0 | 23 s 12.6 | 10 n 02.9 | 06 s 23.5 | 14 s 57.2 | 17 s 09.5 | 11 s 59.5 |
| 07 jan | 19 5 44.7 | 22 s 24.9 | 27 s 26.7 | 22 s 25.2 | 20 s 03.2 | 26 n 59.0 | 23 s 12.3 | 10 n 03.9 | 06 s 22.7 | 14 s 56.5 | 17 s 09.5 | 12 s 02.4 |
| 08 jan | 19 9 41.2 | 22 s 17.2 | 25 s 34.9 | 22 s 02.0 | 20 s 16.0 | 26 n 58.9 | 23 s 11.9 | 10 n 04.9 | 06 s 21.8 | 14 s 55.9 | 17 s 09.6 | 12 s 04.8 |
| 09 jan | 19 13 37.8 | 22 s 09.0 | 22 s 24.8 | 21 s 37.4 | 20 s 28.1 | 26 n 58.7 | 23 s 11.5 | 10 n 05.9 | 06 s 20.9 | 14 s 55.3 | 17 s 09.6 | 12 s 06.7 |
| 10 jan | 19 17 34.3 | 22 s 00.4 | 18 s 06.7 | 21 s 11.4 | 20 s 39.8 | 26 n 58.4 | 23 s 11.0 | 10 n 07.0 | 06 s 20.0 | 14 s 54.7 | 17 s 09.7 | 12 s 07.7 |
| 11 jan | 19 21 30.9 | 21 s 51.4 | 12 s 54.1 | 20 s 44.0 | 20 s 50.8 | 26 n 58.0 | 23 s 10.6 | 10 n 08.1 | 06 s 19.1 | 14 s 54.0 | 17 s 09.7 | 12 s 08.1 |
| 12 jan | 19 25 27.4 | 21 s 41.9 | 07 s 02.1 | 20 s 15.3 | 21 s 01.3 | 26 n 57.5 | 23 s 10.1 | 10 n 09.2 | 06 s 18.2 | 14 s 53.4 | 17 s 09.7 | 12 s 08.0 |
| 13 jan | 19 29 24.0 | 21 s 32.1 | 00 s 46.4 | 19 s 45.4 | 21 s 11.3 | 26 n 56.9 | 23 s 09.6 | 10 n 10.4 | 06 s 17.3 | 14 s 52.7 | 17 s 09.8 | 12 s 07.5 |
| 14 jan | 19 33 20.6 | 21 s 21.8 | 05 n 36.7 | 19 s 14.4 | 21 s 20.6 | 26 n 56.3 | 23 s 09.1 | 10 n 11.6 | 06 s 16.3 | 14 s 52.1 | 17 s 09.8 | 12 s 06.9 |
| 15 jan | 19 37 17.1 | 21 s 11.1 | 11 n 49.7 | 18 s 42.5 | 21 s 29.3 | 26 n 55.6 | 23 s 08.6 | 10 n 12.9 | 06 s 15.3 | 14 s 51.4 | 17 s 09.8 | 12 s 06.6 |
| 16 jan | 19 41 13.7 | 20 s 60.0 | 17 n 32.5 | 18 s 09.7 | 21 s 37.5 | 26 n 54.9 | 23 s 08.0 | 10 n 14.1 | 06 s 14.4 | 14 s 50.8 | 17 s 09.8 | 12 s 06.7 |
| 17 jan | 19 45 10.2 | 20 s 48.5 | 22 n 22.3 | 17 s 36.3 | 21 s 45.0 | 26 n 54.0 | 23 s 07.4 | 10 n 15.4 | 06 s 13.4 | 14 s 50.1 | 17 s 09.8 | 12 s 07.3 |
| 18 jan | 19 49 6.8 | 20 s 36.6 | 25 n 54.3 | 17 s 02.4 | 21 s 51.9 | 26 n 53.2 | 23 s 06.8 | 10 n 16.8 | 06 s 12.4 | 14 s 49.4 | 17 s 09.8 | 12 s 08.4 |
| 19 jan | 19 53 3.3 | 20 s 24.3 | 27 n 45.7 | 16 s 28.3 | 21 s 58.2 | 26 n 52.3 | 23 s 06.2 | 10 n 18.1 | 06 s 11.3 | 14 s 48.7 | 17 s 09.8 | 12 s 09.8 |
| 20 jan | 19 56 59.9 | 20 s 11.6 | 27 n 43.1 | 15 s 54.4 | 22 s 03.9 | 26 n 51.4 | 23 s 05.5 | 10 n 19.5 | 06 s 10.3 | 14 s 48.1 | 17 s 09.8 | 12 s 11.3 |
| 21 jan | 20 0 56.4 | 19 s 58.6 | 25 n 47.6 | 15 s 20.8 | 22 s 08.9 | 26 n 50.5 | 23 s 04.9 | 10 n 21.0 | 06 s 09.3 | 14 s 47.4 | 17 s 09.8 | 12 s 12.7 |
| 22 jan | 20 4 53.0 | 19 s 45.1 | 22 n 14.8 | 14 s 48.0 | 22 s 13.3 | 26 n 49.5 | 23 s 04.2 | 10 n 22.4 | 06 s 08.2 | 14 s 46.7 | 17 s 09.8 | 12 s 13.8 |
| 23 jan | 20 8 49.6 | 19 s 31.4 | 17 n 29.4 | 14 s 16.3 | 22 s 17.0 | 26 n 48.6 | 23 s 03.5 | 10 n 23.9 | 06 s 07.1 | 14 s 46.0 | 17 s 09.8 | 12 s 14.4 |
| 24 jan | 20 12 46.1 | 19 s 17.2 | 11 n 57.6 | 13 s 46.1 | 22 s 20.1 | 26 n 47.6 | 23 s 02.8 | 10 n 25.4 | 06 s 06.0 | 14 s 45.3 | 17 s 09.8 | 12 s 14.6 |
| 25 jan | 20 16 42.7 | 19 s 02.7 | 06 n 02.4 | 13 s 17.8 | 22 s 22.6 | 26 n 46.6 | 23 s 02.0 | 10 n 26.9 | 06 s 05.0 | 14 s 44.6 | 17 s 09.8 | 12 s 14.4 |
| 26 jan | 20 20 39.2 | 18 s 47.9 | 00 n 02.3 | 12 s 52.0 | 22 s 24.3 | 26 n 45.6 | 23 s 01.3 | 10 n 28.5 | 06 s 03.9 | 14 s 43.9 | 17 s 09.8 | 12 s 14.0 |
| 27 jan | 20 24 35.8 | 18 s 32.7 | 05 s 48.4 | 12 s 29.0 | 22 s 25.4 | 26 n 44.6 | 23 s 00.5 | 10 n 30.1 | 06 s 02.7 | 14 s 43.2 | 17 s 09.8 | 12 s 13.4 |
| 28 jan | 20 28 32.3 | 18 s 17.1 | 11 s 18.3 | 12 s 09.2 | 22 s 25.9 | 26 n 43.6 | 22 s 59.7 | 10 n 31.7 | 06 s 01.6 | 14 s 42.5 | 17 s 09.7 | 12 s 12.9 |
| 29 jan | 20 32 28.9 | 18 s 01.3 | 16 s 17.7 | 11 s 53.0 | 22 s 25.7 | 26 n 42.6 | 22 s 58.9 | 10 n 33.3 | 06 s 00.5 | 14 s 41.8 | 17 s 09.7 | 12 s 12.5 |
| 30 jan | 20 36 25.4 | 17 s 45.1 | 20 s 37.0 | 11 s 40.8 | 22 s 24.8 | 26 n 41.7 | 22 s 58.0 | 10 n 35.0 | 05 s 59.3 | 14 s 41.1 | 17 s 09.7 | 12 s 12.5 |
| 31 jan | 20 40 22.0 | 17 s 28.6 | 24 s 06.2 | 11 s 32.6 | 22 s 23.3 | 26 n 40.7 | 22 s 57.2 | 10 n 36.6 | 05 s 58.2 | 14 s 40.4 | 17 s 09.7 | 12 s 12.7 |

# FEVEREIRO DE 2008

## Longitude dos Astros

Tropical Ephemeris - sexta-feira, 01 fev 2008 at noon, Greenwich  SVP = 05♓08.64  True Ayanamsa = 23d 58m 20s
Julian Day = 2454498.0  Geocentric - An '!' symbol instead of a '.' denotes a Rx planet.

| Long. | Sidereal Time | Sun | Moon | Mercury | Venus | Mars | Jupiter | Saturn | Uranus | Neptune | Pluto | N. Node |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | h m s | ° ′ | ° ′ | ° ′ | ° ′ | ° ′ | ° ′ | ° ′ | ° ′ | ° ′ | ° ′ | ° ′ |
| 01 fev | 20 44 18.6 | 11♒59.8 | 06♑53.2 | 22♒38!0 | 10♑02.3 | 24♐05.6 | 10♑01.2 | 06♑55!0 | 16♓39.4 | 21♒21.2 | 00♑11.7 | 27♒51!2 |
| 02 fev | 20 48 15.1 | 13♒00.7 | 18♑54.2 | 21♒52!8 | 11♑16.2 | 24♐07.1 | 10♑13.9 | 06♑50!9 | 16♓42.3 | 21♒23.5 | 00♑13.4 | 27♒49!2 |
| 03 fev | 20 52 11.7 | 14♒01.6 | 01♑05.5 | 20♒58!7 | 12♑30.2 | 24♐09.4 | 10♑26.5 | 06♑46!6 | 16♓45.3 | 21♒25.7 | 00♑15.1 | 27♒47!1 |
| 04 fev | 20 56 8.2 | 15♒02.5 | 13♑30.1 | 19♒57!2 | 13♑44.1 | 24♐12.4 | 10♑39.1 | 06♑42!4 | 16♓48.4 | 21♒28.0 | 00♑16.9 | 27♒45!0 |
| 05 fev | 21 0 4.8 | 16♒03.4 | 26♑10.0 | 18♒50!0 | 14♑58.1 | 24♐16.1 | 10♑51.6 | 06♑38!0 | 16♓51.4 | 21♒30.3 | 00♑18.5 | 27♒43!3 |
| 06 fev | 21 4 1.3 | 17♒04.2 | 09♒06.2 | 17♒39!2 | 16♑12.0 | 24♐20.6 | 11♑04.1 | 06♑33!7 | 16♓54.5 | 21♒32.5 | 00♑20.2 | 27♒42!2 |
| 07 fev | 21 7 57.9 | 18♒05.1 | 22♒18.6 | 16♒26!8 | 17♑26.0 | 24♐25.7 | 11♑16.5 | 06♑29!2 | 16♓57.6 | 21♒34.8 | 00♑21.9 | 27♒41!7 |
| 08 fev | 21 11 54.4 | 19♒05.9 | 05♓46.0 | 15♒14!8 | 18♑40.0 | 24♐31.5 | 11♑28.9 | 06♑24!8 | 17♓00.7 | 21♒37.1 | 00♑23.5 | 27♒41.7 |
| 09 fev | 21 15 51.0 | 20♒06.7 | 19♓26.9 | 14♒05!1 | 19♑54.0 | 24♐38.0 | 11♑41.1 | 06♑20!2 | 17♓03.9 | 21♒39.4 | 00♑25.1 | 27♒42.2 |
| 10 fev | 21 19 47.5 | 21♒07.4 | 03♈18.9 | 12♒59!4 | 21♑08.1 | 24♐45.1 | 11♑53.3 | 06♑15!7 | 17♓07.0 | 21♒41.7 | 00♑26.6 | 27♒42.8 |
| 11 fev | 21 23 44.1 | 22♒08.2 | 17♈19.5 | 11♒58!9 | 22♑22.1 | 24♐52.9 | 12♑05.5 | 06♑11!1 | 17♓10.2 | 21♒43.9 | 00♑28.2 | 27♒43.4 |
| 12 fev | 21 27 40.7 | 23♒08.9 | 01♉26.2 | 11♒05!0 | 23♑36.2 | 25♐01.3 | 12♑17.5 | 06♑06!5 | 17♓13.4 | 21♒46.2 | 00♑29.7 | 27♒43.9 |
| 13 fev | 21 31 37.2 | 24♒09.5 | 15♉36.7 | 10♒18!1 | 24♑50.2 | 25♐10.4 | 12♑29.5 | 06♑01!8 | 17♓16.6 | 21♒48.5 | 00♑31.2 | 27♒44.1 |
| 14 fev | 21 35 33.8 | 25♒10.2 | 29♉48.5 | 09♒39!0 | 26♑04.3 | 25♐20.0 | 12♑41.5 | 05♑57!1 | 17♓19.8 | 21♒50.8 | 00♑32.7 | 27♒44!1 |
| 15 fev | 21 39 30.3 | 26♒10.8 | 13♊59.6 | 09♒07!7 | 27♑18.3 | 25♐30.2 | 12♑53.3 | 05♑52!4 | 17♓23.1 | 21♒53.1 | 00♑34.1 | 27♒44!0 |
| 16 fev | 21 43 26.9 | 27♒11.4 | 28♊07.4 | 08♒44!3 | 28♑32.4 | 25♐41.1 | 13♑05.1 | 05♑47!7 | 17♓26.4 | 21♒55.3 | 00♑35.5 | 27♒44!0 |
| 17 fev | 21 47 23.4 | 28♒12.0 | 12♋09.6 | 08♒28!7 | 29♑46.5 | 25♐52.5 | 13♑16.8 | 05♑42!9 | 17♓29.6 | 21♒57.6 | 00♑36.9 | 27♒44.0 |
| 18 fev | 21 51 20.0 | 29♒12.5 | 26♋03.6 | 08♒20!6 | 01♒00.6 | 26♐04.4 | 13♑28.4 | 05♑38!1 | 17♓32.9 | 21♒59.9 | 00♑38.3 | 27♒44.1 |
| 19 fev | 21 55 16.5 | 00♓13.0 | 09♌46.8 | 08♒19.7 | 02♒14.7 | 26♐16.9 | 13♑39.9 | 05♑33!3 | 17♓36.3 | 22♒02.1 | 00♑39.7 | 27♒44.2 |
| 20 fev | 21 59 13.1 | 01♓13.5 | 23♌17.0 | 08♒25.7 | 03♒28.8 | 26♐29.9 | 13♑51.4 | 05♑28!5 | 17♓39.6 | 22♒04.4 | 00♑41.0 | 27♒44.4 |
| 21 fev | 22 3 9.7 | 02♓14.0 | 06♑32.1 | 08♒38.0 | 04♒42.9 | 26♐43.4 | 14♑02.8 | 05♑23!7 | 17♓42.9 | 22♒06.7 | 00♑42.3 | 27♒44!3 |
| 22 fev | 22 7 6.2 | 03♓14.4 | 19♑31.3 | 08♒56.4 | 05♒57.1 | 26♐57.4 | 14♑14.1 | 05♑18!9 | 17♓46.3 | 22♒08.9 | 00♑43.5 | 27♒44!0 |
| 23 fev | 22 11 2.8 | 04♓14.8 | 02♒14.2 | 09♒20.3 | 07♒11.2 | 27♐11.9 | 14♑25.3 | 05♑14!0 | 17♓49.6 | 22♒11.2 | 00♑44.7 | 27♒43!3 |
| 24 fev | 22 14 59.3 | 05♓15.2 | 14♒41.6 | 09♒49.4 | 08♒25.3 | 27♐26.9 | 14♑36.4 | 05♑09!2 | 17♓53.0 | 22♒13.4 | 00♑45.9 | 27♒42!4 |
| 25 fev | 22 18 55.9 | 06♓15.5 | 26♒55.5 | 10♒23.4 | 09♒39.5 | 27♐42.3 | 14♑47.4 | 05♑04!4 | 17♓56.3 | 22♒15.6 | 00♑47.1 | 27♒41!2 |
| 26 fev | 22 22 52.4 | 07♓15.9 | 08♑58.6 | 11♒01.7 | 10♒53.6 | 27♐58.2 | 14♑58.3 | 04♑59!5 | 17♓59.7 | 22♒17.8 | 00♑48.3 | 27♒40!0 |
| 27 fev | 22 26 49.0 | 08♓16.2 | 20♑54.4 | 11♒44.2 | 12♒07.8 | 28♐14.6 | 15♑09.2 | 04♑54!7 | 18♓03.1 | 22♒20.1 | 00♑49.4 | 27♒39!1 |
| 28 fev | 22 30 45.5 | 09♓16.4 | 02♑47.1 | 12♒30.5 | 13♒22.0 | 28♐31.4 | 15♑19.9 | 04♑49!9 | 18♓06.5 | 22♒22.3 | 00♑50.5 | 27♒38!5 |
| 29 fev | 22 34 42.1 | 10♓16.7 | 14♑41.3 | 13♒20.4 | 14♒36.2 | 28♐48.6 | 15♑30.6 | 04♑45!1 | 18♓09.9 | 22♒24.5 | 00♑51.5 | 27♒38.4 |

## Declinação dos Astros

Tropical Ephemeris - sexta-feira, 01 fev 2008 at noon, Greenwich  SVP = 05♓08.64  True Ayanamsa = 23d 58m 20s
Julian Day = 2454498.0  Geocentric - An '!' symbol instead of a '.' denotes a Rx planet.

| Decl. | Sidereal Time | Sun | Moon | Mercury | Venus | Mars | Jupiter | Saturn | Uranus | Neptune | Pluto | N. Node |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | h m s | ° ′ | ° ′ | ° ′ | ° ′ | ° ′ | ° ′ | ° ′ | ° ′ | ° ′ | ° ′ | ° ′ |
| 01 fev | 20 44 18.6 | 17 s 11.7 | 26 s 34.6 | 11 s 28.8 | 22 s 21.0 | 26 n 39.8 | 22 s 56.3 | 10 n 38.3 | 05 s 57.0 | 14 s 39.6 | 17 s 09.6 | 12 s 13.2 |
| 02 fev | 20 48 15.1 | 16 s 54.6 | 27 s 52.0 | 11 s 29.2 | 22 s 18.2 | 26 n 38.8 | 22 s 55.5 | 10 n 40.0 | 05 s 55.8 | 14 s 38.9 | 17 s 09.6 | 12 s 13.9 |
| 03 fev | 20 52 11.7 | 16 s 37.2 | 27 s 50.1 | 11 s 33.7 | 22 s 14.6 | 26 n 37.9 | 22 s 54.6 | 10 n 41.7 | 05 s 54.6 | 14 s 38.2 | 17 s 09.5 | 12 s 14.6 |
| 04 fev | 20 56 8.2 | 16 s 19.5 | 26 s 24.8 | 11 s 42.1 | 22 s 10.4 | 26 n 37.0 | 22 s 53.7 | 10 n 43.5 | 05 s 53.4 | 14 s 37.5 | 17 s 09.5 | 12 s 15.3 |
| 05 fev | 21 0 4.8 | 16 s 01.5 | 23 s 37.7 | 11 s 53.8 | 22 s 05.5 | 26 n 36.1 | 22 s 52.7 | 10 n 45.2 | 05 s 52.2 | 14 s 36.8 | 17 s 09.4 | 12 s 15.9 |
| 06 fev | 21 4 1.3 | 15 s 43.2 | 19 s 36.3 | 12 s 08.6 | 21 s 60.0 | 26 n 35.2 | 22 s 51.8 | 10 n 47.0 | 05 s 51.0 | 14 s 36.0 | 17 s 09.4 | 12 s 16.3 |
| 07 fev | 21 7 57.9 | 15 s 24.7 | 14 s 32.7 | 12 s 25.8 | 21 s 53.8 | 26 n 34.4 | 22 s 50.8 | 10 n 48.8 | 05 s 49.8 | 14 s 35.3 | 17 s 09.3 | 12 s 16.5 |
| 08 fev | 21 11 54.4 | 15 s 05.9 | 08 s 42.4 | 12 s 44.7 | 21 s 46.9 | 26 n 33.5 | 22 s 49.9 | 10 n 50.6 | 05 s 48.6 | 14 s 34.6 | 17 s 09.3 | 12 s 16.4 |
| 09 fev | 21 15 51.0 | 14 s 46.8 | 02 s 22.4 | 13 s 04.9 | 21 s 39.4 | 26 n 32.7 | 22 s 48.9 | 10 n 52.4 | 05 s 47.3 | 14 s 33.9 | 17 s 09.2 | 12 s 16.3 |
| 10 fev | 21 19 47.5 | 14 s 27.5 | 04 n 08.6 | 13 s 25.8 | 21 s 31.3 | 26 n 31.9 | 22 s 47.9 | 10 n 54.2 | 05 s 46.1 | 14 s 33.1 | 17 s 09.2 | 12 s 16.1 |
| 11 fev | 21 23 44.1 | 14 s 07.9 | 10 n 31.3 | 13 s 46.9 | 21 s 22.5 | 26 n 31.1 | 22 s 46.9 | 10 n 56.0 | 05 s 44.8 | 14 s 32.4 | 17 s 09.1 | 12 s 15.9 |
| 12 fev | 21 27 40.7 | 13 s 48.2 | 16 n 24.8 | 14 s 07.7 | 21 s 13.1 | 26 n 30.3 | 22 s 45.9 | 10 n 57.9 | 05 s 43.6 | 14 s 31.7 | 17 s 09.0 | 12 s 15.7 |
| 13 fev | 21 31 37.2 | 13 s 28.1 | 21 n 27.1 | 14 s 27.9 | 21 s 03.0 | 26 n 29.5 | 22 s 44.9 | 10 n 59.7 | 05 s 42.3 | 14 s 31.0 | 17 s 09.0 | 12 s 15.6 |
| 14 fev | 21 35 33.8 | 13 s 07.9 | 25 n 15.9 | 14 s 47.1 | 20 s 52.4 | 26 n 28.7 | 22 s 43.8 | 11 n 01.6 | 05 s 41.0 | 14 s 30.2 | 17 s 08.9 | 12 s 15.6 |
| 15 fev | 21 39 30.3 | 12 s 47.5 | 27 n 30.9 | 15 s 05.3 | 20 s 41.1 | 26 n 27.9 | 22 s 42.8 | 11 n 03.4 | 05 s 39.7 | 14 s 29.5 | 17 s 08.8 | 12 s 15.7 |
| 16 fev | 21 43 26.9 | 12 s 26.8 | 27 n 59.2 | 15 s 22.2 | 20 s 29.2 | 26 n 27.1 | 22 s 41.7 | 11 n 05.3 | 05 s 38.4 | 14 s 28.8 | 17 s 08.7 | 12 s 15.7 |
| 17 fev | 21 47 23.4 | 12 s 06.0 | 26 n 38.7 | 15 s 37.6 | 20 s 16.7 | 26 n 26.3 | 22 s 40.7 | 11 n 07.1 | 05 s 37.1 | 14 s 28.1 | 17 s 08.7 | 12 s 15.7 |
| 18 fev | 21 51 20.0 | 11 s 45.0 | 23 n 40.0 | 15 s 51.6 | 20 s 03.6 | 26 n 25.6 | 22 s 39.6 | 11 n 09.0 | 05 s 35.8 | 14 s 27.3 | 17 s 08.6 | 12 s 15.6 |
| 19 fev | 21 55 16.5 | 11 s 23.8 | 19 n 22.4 | 16 s 04.0 | 19 s 49.9 | 26 n 24.8 | 22 s 38.5 | 11 n 10.9 | 05 s 34.5 | 14 s 26.6 | 17 s 08.5 | 12 s 15.6 |
| 20 fev | 21 59 13.1 | 11 s 02.4 | 14 n 08.8 | 16 s 14.8 | 19 s 35.6 | 26 n 24.0 | 22 s 37.4 | 11 n 12.7 | 05 s 33.2 | 14 s 25.9 | 17 s 08.4 | 12 s 15.5 |
| 21 fev | 22 3 9.7 | 10 s 40.8 | 08 n 21.7 | 16 s 24.0 | 19 s 20.8 | 26 n 23.2 | 22 s 36.4 | 11 n 14.6 | 05 s 31.9 | 14 s 25.2 | 17 s 08.3 | 12 s 15.6 |
| 22 fev | 22 7 6.2 | 10 s 19.1 | 02 n 20.5 | 16 s 31.5 | 19 s 05.4 | 26 n 22.4 | 22 s 35.3 | 11 n 16.5 | 05 s 30.6 | 14 s 24.5 | 17 s 08.3 | 12 s 15.7 |
| 23 fev | 22 11 2.8 | 09 s 57.2 | 03 s 38.2 | 16 s 37.5 | 18 s 49.4 | 26 n 21.6 | 22 s 34.2 | 11 n 18.3 | 05 s 29.3 | 14 s 23.7 | 17 s 08.2 | 12 s 15.9 |
| 24 fev | 22 14 59.3 | 09 s 35.2 | 09 s 21.0 | 16 s 41.8 | 18 s 32.9 | 26 n 20.7 | 22 s 33.0 | 11 n 20.2 | 05 s 28.0 | 14 s 23.0 | 17 s 08.1 | 12 s 16.2 |
| 25 fev | 22 18 55.9 | 09 s 13.0 | 14 s 36.1 | 16 s 44.6 | 18 s 15.9 | 26 n 19.9 | 22 s 31.9 | 11 n 22.0 | 05 s 26.6 | 14 s 22.3 | 17 s 08.0 | 12 s 16.6 |
| 26 fev | 22 22 52.4 | 08 s 50.6 | 19 s 13.0 | 16 s 45.8 | 17 s 58.3 | 26 n 19.0 | 22 s 30.8 | 11 n 23.9 | 05 s 25.3 | 14 s 21.6 | 17 s 07.9 | 12 s 17.0 |
| 27 fev | 22 26 49.0 | 08 s 28.2 | 23 s 01.6 | 16 s 45.4 | 17 s 40.2 | 26 n 18.1 | 22 s 29.7 | 11 n 25.7 | 05 s 24.0 | 14 s 20.9 | 17 s 07.8 | 12 s 17.4 |
| 28 fev | 22 30 45.5 | 08 s 05.6 | 25 s 51.8 | 16 s 43.4 | 17 s 21.7 | 26 n 17.2 | 22 s 28.6 | 11 n 27.5 | 05 s 22.6 | 14 s 20.2 | 17 s 07.7 | 12 s 17.6 |
| 29 fev | 22 34 42.1 | 07 s 42.9 | 27 s 34.1 | 16 s 40.0 | 17 s 02.6 | 26 n 16.2 | 22 s 27.4 | 11 n 29.4 | 05 s 21.3 | 14 s 19.5 | 17 s 07.6 | 12 s 17.6 |

# MARÇO DE 2008

## Longitude dos Astros

Tropical Ephemeris - sábado, 01 mar 2008 at noon, Greenwich  SVP = 05♓08,58  True Ayanamsa = 23d 58m 24s
Julian Day = 2454527,0  Geocentric - An '!' symbol instead of a '.' denotes a Rx planet.

| Long. | Sidereal Time | Sun | Moon | Mercury | Venus | Mars | Jupiter | Saturn | Uranus | Neptune | Pluto | N. Node |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | h m s | ° ' | ° ' | ° ' | ° ' | ° ' | ° ' | ° ' | ° ' | ° ' | ° ' | ° ' |
| 01 mar | 22 38 38,7 | 11♓16,9 | 26♐41,7 | 14♒13,5 | 15♒50,3 | 29♊06,2 | 15♑41,2 | 04♏40!3 | 18♓13,4 | 22♒26,7 | 00♑52,6 | 27♒38,9 |
| 02 mar | 22 42 35,2 | 12♓17,1 | 08♑52,9 | 15♒09,7 | 17♒04,5 | 29♊24,3 | 15♑51,6 | 04♏35!5 | 18♓16,8 | 22♒28,8 | 00♑53,6 | 27♒40,0 |
| 03 mar | 22 46 31,8 | 13♓17,3 | 21♑19,2 | 16♒08,7 | 18♒18,7 | 29♊42,7 | 16♑02,0 | 04♏30!7 | 18♓20,2 | 22♒31,0 | 00♑54,5 | 27♒41,3 |
| 04 mar | 22 50 28,3 | 14♓17,5 | 04♒04,2 | 17♒10,4 | 19♒32,9 | 00♋01,6 | 16♑12,2 | 04♏26!0 | 18♓23,6 | 22♒33,2 | 00♑55,5 | 27♒42,7 |
| 05 mar | 22 54 24,9 | 15♓17,6 | 17♒10,2 | 18♒14,5 | 20♒47,1 | 00♋20,8 | 16♑22,4 | 04♏21!3 | 18♓27,1 | 22♒35,3 | 00♑56,4 | 27♒43,6 |
| 06 mar | 22 58 21,4 | 16♓17,7 | 00♓38,2 | 19♒21,0 | 22♒01,3 | 00♋40,4 | 16♑32,4 | 04♏16!6 | 18♓30,5 | 22♒37,5 | 00♑57,3 | 27♒43!9 |
| 07 mar | 23 2 18,0 | 17♓17,7 | 14♓27,3 | 20♒29,7 | 23♒15,5 | 01♋00,4 | 16♑42,4 | 04♏11!9 | 18♓33,9 | 22♒39,6 | 00♑58,1 | 27♒43!2 |
| 08 mar | 23 6 14,5 | 18♓17,8 | 28♓34,9 | 21♒40,4 | 24♒29,7 | 01♋20,7 | 16♑52,2 | 04♏07!3 | 18♓37,4 | 22♒41,7 | 00♑58,9 | 27♒41!4 |
| 09 mar | 23 10 11,1 | 19♓17,8 | 12♈56,5 | 22♒53,1 | 25♒43,9 | 01♋41,4 | 17♑01,9 | 04♏02!7 | 18♓40,8 | 22♒43,8 | 00♑59,7 | 27♒38!8 |
| 10 mar | 23 14 7,7 | 20♓17,7 | 27♈26,4 | 24♒07,7 | 26♒58,1 | 02♋02,4 | 17♑11,5 | 03♏58!1 | 18♓44,2 | 22♒45,9 | 01♑00,5 | 27♒35!6 |
| 11 mar | 23 18 4,2 | 21♓17,7 | 11♉58,6 | 25♒24,0 | 28♒12,3 | 02♋23,8 | 17♑21,0 | 03♏53!6 | 18♓47,7 | 22♒47,9 | 01♑01,2 | 27♒32!4 |
| 12 mar | 23 22 0,8 | 22♓17,6 | 26♉27,4 | 26♒42,1 | 29♒26,5 | 02♋45,5 | 17♑30,4 | 03♏49!2 | 18♓51,1 | 22♒50,0 | 01♑01,9 | 27♒29!7 |
| 13 mar | 23 25 57,3 | 23♓17,4 | 10♊48,1 | 28♒01,8 | 00♓40,6 | 03♋07,5 | 17♑39,6 | 03♏44!7 | 18♓54,5 | 22♒52,0 | 01♑02,5 | 27♒28!0 |
| 14 mar | 23 29 53,9 | 24♓17,2 | 24♊57,8 | 29♒23,0 | 01♓54,8 | 03♋29,8 | 17♑48,8 | 03♏40!4 | 18♓58,0 | 22♒54,0 | 01♑03,2 | 27♒27,5 |
| 15 mar | 23 33 50,4 | 25♓17,0 | 08♋54,5 | 00♓45,8 | 03♓09,0 | 03♋52,5 | 17♑57,8 | 03♏36!0 | 19♓01,4 | 22♒56,1 | 01♑03,8 | 27♒28,1 |
| 16 mar | 23 37 47,0 | 26♓16,8 | 22♋37,7 | 02♓10,1 | 04♓23,2 | 04♋15,4 | 18♑06,7 | 03♏31!8 | 19♓04,8 | 22♒58,0 | 01♑04,3 | 27♒29,4 |
| 17 mar | 23 41 43,5 | 27♓16,5 | 06♌07,5 | 03♓35,9 | 05♓37,3 | 04♋38,6 | 18♑15,4 | 03♏27!5 | 19♓08,2 | 23♒00,0 | 01♑04,9 | 27♒31,1 |
| 18 mar | 23 45 40,1 | 28♓16,2 | 19♌24,4 | 05♓03,1 | 06♓51,5 | 05♋02,1 | 18♑24,1 | 03♏23!4 | 19♓11,6 | 23♒02,0 | 01♑05,4 | 27♒32,2 |
| 19 mar | 23 49 36,7 | 29♓15,8 | 02♍28,9 | 06♓31,7 | 08♓05,6 | 05♋25,8 | 18♑32,6 | 03♏19!3 | 19♓15,0 | 23♒03,9 | 01♑05,8 | 27♒32!4 |
| 20 mar | 23 53 33,2 | 00♈15,4 | 15♍21,4 | 08♓01,6 | 09♓19,8 | 05♋49,8 | 18♑41,0 | 03♏15!2 | 19♓18,4 | 23♒05,8 | 01♑06,3 | 27♒31!0 |
| 21 mar | 23 57 29,8 | 01♈14,9 | 28♍02,2 | 09♓32,9 | 10♓33,9 | 06♋14,1 | 18♑49,2 | 03♏11!2 | 19♓21,8 | 23♒07,7 | 01♑06,7 | 27♒27!9 |
| 22 mar | 0 1 26,3 | 02♈14,5 | 10♎31,7 | 11♓05,6 | 11♓48,1 | 06♋38,6 | 18♑57,3 | 03♏07!3 | 19♓25,2 | 23♒09,6 | 01♑07,0 | 27♒23!2 |
| 23 mar | 0 5 22,9 | 03♈14,0 | 22♎50,5 | 12♓39,6 | 13♓02,2 | 07♋03,4 | 19♑05,3 | 03♏03!5 | 19♓28,6 | 23♒11,5 | 01♑07,4 | 27♒17!1 |
| 24 mar | 0 9 19,4 | 04♈13,4 | 04♏59,5 | 14♓15,0 | 14♓16,3 | 07♋28,4 | 19♑13,2 | 02♏59!7 | 19♓31,9 | 23♒13,3 | 01♑07,7 | 27♒10!3 |
| 25 mar | 0 13 16,0 | 05♈12,9 | 17♏00,3 | 15♓51,7 | 15♓30,5 | 07♋53,6 | 19♑20,9 | 02♏56!0 | 19♓35,3 | 23♒15,1 | 01♑07,9 | 27♒03!4 |
| 26 mar | 0 17 12,5 | 06♈12,3 | 28♏55,2 | 17♓29,7 | 16♓44,6 | 08♋19,1 | 19♑28,5 | 02♏52!3 | 19♓38,6 | 23♒16,9 | 01♑08,2 | 26♒57!2 |
| 27 mar | 0 21 9,1 | 07♈11,6 | 10♐47,4 | 19♓09,1 | 17♓58,7 | 08♋44,8 | 19♑35,9 | 02♏48!7 | 19♓41,9 | 23♒18,7 | 01♑08,4 | 26♒52!3 |
| 28 mar | 0 25 5,7 | 08♈11,0 | 22♐40,5 | 20♓49,8 | 19♓12,8 | 09♋10,7 | 19♑43,2 | 02♏45!3 | 19♓45,2 | 23♒20,5 | 01♑08,6 | 26♒49!0 |
| 29 mar | 0 29 2,2 | 09♈10,3 | 04♑38,8 | 22♓31,9 | 20♓27,0 | 09♋36,8 | 19♑50,4 | 02♏41!8 | 19♓48,5 | 23♒22,2 | 01♑08,7 | 26♒47!5 |
| 30 mar | 0 32 58,8 | 10♈09,6 | 16♑47,3 | 24♓15,4 | 21♓41,1 | 10♋03,2 | 19♑57,4 | 02♏38!5 | 19♓51,8 | 23♒23,9 | 01♑08,8 | 26♒47,6 |
| 31 mar | 0 36 55,3 | 11♈08,8 | 29♑10,8 | 26♓00,2 | 22♓55,2 | 10♋29,7 | 20♑04,3 | 02♏35!2 | 19♓55,1 | 23♒25,6 | 01♑08,9 | 26♒48,8 |

## Declinação dos Astros

Tropical Ephemeris - sábado, 01 mar 2008 at noon, Greenwich  SVP = 05♓08,58  True Ayanamsa = 23d 58m 24s
Julian Day = 2454527,0  Geocentric - An '!' symbol instead of a '.' denotes a Rx planet.

| Decl. | Sidereal Time | Sun | Moon | Mercury | Venus | Mars | Jupiter | Saturn | Uranus | Neptune | Pluto | N. Node |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | h m s | ° ' | ° ' | ° ' | ° ' | ° ' | ° ' | ° ' | ° ' | ° ' | ° ' | ° ' |
| 01 mar | 22 38 38,7 | 07 s 20,1 | 28 s 00,5 | 16 s 35,0 | 16 s 43,0 | 26 n 15,2 | 22 s 26,3 | 11 n 31,2 | 05 s 20,0 | 14 s 18,8 | 17 s 07,5 | 12 s 17,4 |
| 02 mar | 22 42 35,2 | 06 s 57,1 | 27 s 06,2 | 16 s 28,5 | 16 s 23,0 | 26 n 14,2 | 22 s 25,2 | 11 n 33,0 | 05 s 18,6 | 14 s 18,1 | 17 s 07,4 | 12 s 17,1 |
| 03 mar | 22 46 31,8 | 06 s 34,1 | 24 s 50,5 | 16 s 20,6 | 16 s 02,5 | 26 n 13,2 | 22 s 24,0 | 11 n 34,8 | 05 s 17,3 | 14 s 17,4 | 17 s 07,3 | 12 s 16,6 |
| 04 mar | 22 50 28,3 | 06 s 11,0 | 21 s 17,7 | 16 s 11,2 | 15 s 41,5 | 26 n 12,1 | 22 s 22,9 | 11 n 36,5 | 05 s 15,9 | 14 s 16,7 | 17 s 07,2 | 12 s 16,1 |
| 05 mar | 22 54 24,9 | 05 s 47,8 | 16 s 36,7 | 16 s 00,3 | 15 s 20,2 | 26 n 10,9 | 22 s 21,8 | 11 n 38,3 | 05 s 14,6 | 14 s 16,0 | 17 s 07,1 | 12 s 15,8 |
| 06 mar | 22 58 21,4 | 05 s 24,5 | 10 s 59,9 | 15 s 48,1 | 14 s 58,3 | 26 n 09,8 | 22 s 20,6 | 11 n 40,1 | 05 s 13,2 | 14 s 15,3 | 17 s 07,0 | 12 s 15,7 |
| 07 mar | 23 2 18,0 | 05 s 01,1 | 04 s 43,3 | 15 s 34,4 | 14 s 36,1 | 26 n 08,5 | 22 s 19,5 | 11 n 41,8 | 05 s 11,9 | 14 s 14,7 | 17 s 06,9 | 12 s 16,0 |
| 08 mar | 23 6 14,5 | 04 s 37,7 | 01 n 54,6 | 15 s 19,3 | 14 s 13,5 | 26 n 07,3 | 22 s 18,4 | 11 n 43,5 | 05 s 10,5 | 14 s 14,0 | 17 s 06,8 | 12 s 16,6 |
| 09 mar | 23 10 11,1 | 04 s 14,2 | 08 n 32,5 | 15 s 02,9 | 13 s 50,5 | 26 n 05,9 | 22 s 17,2 | 11 n 45,2 | 05 s 09,2 | 14 s 13,3 | 17 s 06,7 | 12 s 17,5 |
| 10 mar | 23 14 7,7 | 03 s 50,7 | 14 n 47,0 | 14 s 45,1 | 13 s 27,1 | 26 n 04,6 | 22 s 16,1 | 11 n 46,9 | 05 s 07,8 | 14 s 12,7 | 17 s 06,6 | 12 s 18,6 |
| 11 mar | 23 18 4,2 | 03 s 27,1 | 20 n 13,2 | 14 s 25,9 | 13 s 03,3 | 26 n 03,1 | 22 s 15,0 | 11 n 48,5 | 05 s 06,5 | 14 s 12,0 | 17 s 06,5 | 12 s 19,7 |
| 12 mar | 23 22 0,8 | 03 s 03,5 | 24 n 26,6 | 14 s 05,5 | 12 s 39,2 | 26 n 01,6 | 22 s 13,9 | 11 n 50,2 | 05 s 05,2 | 14 s 11,3 | 17 s 06,3 | 12 s 20,6 |
| 13 mar | 23 25 57,3 | 02 s 39,8 | 27 n 06,2 | 13 s 43,7 | 12 s 14,7 | 26 n 00,1 | 22 s 12,8 | 11 n 51,8 | 05 s 03,8 | 14 s 10,7 | 17 s 06,2 | 12 s 21,2 |
| 14 mar | 23 29 53,9 | 02 s 16,1 | 27 n 59,0 | 13 s 20,5 | 11 s 49,9 | 25 n 58,4 | 22 s 11,7 | 11 n 53,4 | 05 s 02,5 | 14 s 10,0 | 17 s 06,1 | 12 s 21,3 |
| 15 mar | 23 33 50,4 | 01 s 52,5 | 27 n 03,4 | 12 s 56,1 | 11 s 24,8 | 25 n 56,7 | 22 s 10,6 | 11 n 55,0 | 05 s 01,1 | 14 s 09,4 | 17 s 06,0 | 12 s 21,1 |
| 16 mar | 23 37 47,0 | 01 s 28,7 | 24 n 29,6 | 12 s 30,5 | 10 s 59,3 | 25 n 55,0 | 22 s 09,5 | 11 n 56,5 | 04 s 59,8 | 14 s 08,8 | 17 s 05,9 | 12 s 20,7 |
| 17 mar | 23 41 43,5 | 01 s 05,0 | 20 n 35,5 | 12 s 03,5 | 10 s 33,6 | 25 n 53,1 | 22 s 08,4 | 11 n 58,1 | 04 s 58,5 | 14 s 08,1 | 17 s 05,8 | 12 s 20,1 |
| 18 mar | 23 45 40,1 | 00 s 41,3 | 15 n 42,2 | 11 s 35,3 | 10 s 07,6 | 25 n 51,2 | 22 s 07,4 | 11 n 59,6 | 04 s 57,1 | 14 s 07,5 | 17 s 05,7 | 12 s 19,7 |
| 19 mar | 23 49 36,7 | 00 s 17,6 | 10 n 10,3 | 11 s 05,8 | 09 s 41,3 | 25 n 49,3 | 22 s 06,3 | 12 n 01,0 | 04 s 55,8 | 14 s 06,9 | 17 s 05,6 | 12 s 19,7 |
| 20 mar | 23 53 33,2 | 00 n 06,1 | 04 n 18,0 | 10 s 35,1 | 09 s 14,7 | 25 n 47,2 | 22 s 05,3 | 12 n 02,5 | 04 s 54,5 | 14 s 06,3 | 17 s 05,5 | 12 s 20,1 |
| 21 mar | 23 57 29,8 | 00 n 29,8 | 01 s 38,7 | 10 s 03,2 | 08 s 47,9 | 25 n 45,1 | 22 s 04,2 | 12 n 03,9 | 04 s 53,1 | 14 s 05,7 | 17 s 05,4 | 12 s 21,2 |
| 22 mar | 0 1 26,3 | 00 n 53,5 | 07 s 25,7 | 09 s 30,1 | 08 s 20,9 | 25 n 42,8 | 22 s 03,2 | 12 n 05,3 | 04 s 51,8 | 14 s 05,1 | 17 s 05,2 | 12 s 22,8 |
| 23 mar | 0 5 22,9 | 01 n 17,1 | 12 s 50,5 | 08 s 55,8 | 07 s 53,6 | 25 n 40,5 | 22 s 02,2 | 12 n 06,7 | 04 s 50,5 | 14 s 04,5 | 17 s 05,1 | 12 s 24,9 |
| 24 mar | 0 9 19,4 | 01 n 40,7 | 17 s 41,3 | 08 s 20,3 | 07 s 26,1 | 25 n 38,2 | 22 s 01,2 | 12 n 08,0 | 04 s 49,2 | 14 s 03,9 | 17 s 05,0 | 12 s 27,2 |
| 25 mar | 0 13 16,0 | 02 n 04,3 | 21 s 46,9 | 07 s 43,6 | 06 s 58,4 | 25 n 35,7 | 22 s 00,2 | 12 n 09,3 | 04 s 47,9 | 14 s 03,3 | 17 s 04,9 | 12 s 29,6 |
| 26 mar | 0 17 12,5 | 02 n 27,8 | 24 s 56,8 | 07 s 05,7 | 06 s 30,5 | 25 n 33,1 | 21 s 59,2 | 12 n 10,6 | 04 s 46,6 | 14 s 02,7 | 17 s 04,8 | 12 s 31,7 |
| 27 mar | 0 21 9,1 | 02 n 51,3 | 27 s 01,3 | 06 s 26,7 | 06 s 02,5 | 25 n 30,5 | 21 s 58,2 | 12 n 11,8 | 04 s 45,3 | 14 s 02,2 | 17 s 04,7 | 12 s 33,4 |
| 28 mar | 0 25 5,7 | 03 n 14,7 | 27 s 52,7 | 05 s 46,6 | 05 s 34,2 | 25 n 27,7 | 21 s 57,3 | 12 n 13,1 | 04 s 44,0 | 14 s 01,6 | 17 s 04,6 | 12 s 34,5 |
| 29 mar | 0 29 2,2 | 03 n 38,1 | 27 s 26,3 | 05 s 05,3 | 05 s 05,9 | 25 n 24,9 | 21 s 56,3 | 12 n 14,3 | 04 s 42,7 | 14 s 01,0 | 17 s 04,5 | 12 s 35,0 |
| 30 mar | 0 32 58,8 | 04 n 01,4 | 25 s 41,1 | 04 s 23,0 | 04 s 37,3 | 25 n 22,0 | 21 s 55,4 | 12 n 15,4 | 04 s 41,4 | 14 s 00,5 | 17 s 04,4 | 12 s 35,0 |
| 31 mar | 0 36 55,3 | 04 n 24,6 | 22 s 40,2 | 03 s 39,6 | 04 s 08,6 | 25 n 18,9 | 21 s 54,5 | 12 n 16,5 | 04 s 40,2 | 13 s 60,0 | 17 s 04,3 | 12 s 34,6 |

# ABRIL DE 2008

## Longitude dos Astros

Tropical Ephemeris - terΨa-feira, 01 abr 2008 at noon, Greenwich  SVP = 05♓08,51  True Ayanamsa = 23d 58m 28s
Julian Day = 2454558.0  Geocentric - An '!' symbol instead of a '.' denotes a Rx planet.

| Long. | Sidereal Time | Sun | Moon | Mercury | Venus | Mars | Jupiter | Saturn | Uranus | Neptune | Pluto | N. Node |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | h m s | ° ' | ° ' | ° ' | ° ' | ° ' | ° ' | ° ' | ° ' | ° ' | ° ' | ° ' |
| 01 abr | 0 40 51.9 | 12♈08.0 | 11♒54.0 | 27♓46.4 | 24♓09.3 | 10♑56.5 | 20♎11.0 | 02♏32!1 | 19♓58.3 | 23♒27.3 | 01♎08.9 | 26♒50.2 |
| 02 abr | 0 44 48.4 | 13♈07.2 | 25♒01.0 | 29♓34.0 | 25♓23.4 | 11♑23.4 | 20♎17.5 | 02♏29!0 | 20♓01.5 | 23♒28.9 | 01♎09!0 | 26♒50.9 |
| 03 abr | 0 48 45.0 | 14♈06.4 | 08♓34.2 | 01♈23.1 | 26♓37.5 | 11♑50.6 | 20♎24.0 | 02♏26!0 | 20♓04.8 | 23♒30.5 | 01♎08!9 | 26♒50!3 |
| 04 abr | 0 52 41.5 | 15♈05.5 | 22♓34.2 | 03♈13.5 | 27♓51.6 | 12♑17.9 | 20♎30.2 | 02♏23!1 | 20♓08.0 | 23♒32.1 | 01♎08!9 | 26♒47!7 |
| 05 abr | 0 56 38.1 | 16♈04.6 | 06♈58.9 | 05♈05.4 | 29♓05.7 | 12♑45.5 | 20♎36.3 | 02♏20!2 | 20♓11.1 | 23♒33.7 | 01♎08!8 | 26♒42!9 |
| 06 abr | 1 0 34.6 | 17♈03.7 | 21♈43.2 | 06♈58.7 | 00♈19.8 | 13♑13.2 | 20♎42.3 | 02♏17!5 | 20♓14.3 | 23♒35.2 | 01♎08!7 | 26♒36!2 |
| 07 abr | 1 4 31.2 | 18♈02.7 | 06♉39.5 | 08♈53.4 | 01♈33.9 | 13♑41.1 | 20♎48.1 | 02♏14!8 | 20♓17.4 | 23♒36.8 | 01♎08!5 | 26♒28!4 |
| 08 abr | 1 8 27.8 | 19♈01.7 | 21♉38.5 | 10♈49.6 | 02♈47.9 | 14♑09.2 | 20♎53.7 | 02♏12!3 | 20♓20.6 | 23♒38.3 | 01♎08!3 | 26♒20!3 |
| 09 abr | 1 12 24.3 | 20♈00.6 | 06♊31.3 | 12♈47.1 | 04♈02.0 | 14♑37.4 | 20♎59.1 | 02♏09!8 | 20♓23.7 | 23♒39.7 | 01♎08!1 | 26♒13!1 |
| 10 abr | 1 16 20.9 | 20♈59.6 | 21♊10.2 | 14♈46.0 | 05♈16.0 | 15♑05.9 | 21♎04.4 | 02♏07!5 | 20♓26.8 | 23♒41.2 | 01♎07!9 | 26♒07!6 |
| 11 abr | 1 20 17.4 | 21♈58.5 | 05♋30.2 | 16♈46.3 | 06♈30.1 | 15♑34.4 | 21♎09.6 | 02♏05!2 | 20♓29.8 | 23♒42.6 | 01♎07!6 | 26♒04!3 |
| 12 abr | 1 24 14.0 | 22♈57.3 | 19♋28.9 | 18♈47.8 | 07♈44.1 | 16♑03.2 | 21♎14.6 | 02♏03!0 | 20♓32.9 | 23♒44.0 | 01♎07!3 | 26♒03!1 |
| 13 abr | 1 28 10.5 | 23♈56.1 | 03♌06.3 | 20♈50.6 | 08♈58.1 | 16♑32.1 | 21♎19.4 | 02♏00!9 | 20♓35.9 | 23♒45.3 | 01♎07!0 | 26♒03.3 |
| 14 abr | 1 32 7.1 | 24♈54.9 | 16♌23.9 | 22♈54.5 | 10♈12.1 | 17♑01.2 | 21♎24.0 | 01♏59!0 | 20♓38.9 | 23♒46.7 | 01♎06!6 | 26♒04.1 |
| 15 abr | 1 36 3.6 | 25♈53.6 | 29♌24.3 | 24♈59.4 | 11♈26.1 | 17♑30.4 | 21♎28.5 | 01♏57!1 | 20♓41.8 | 23♒48.0 | 01♎06!2 | 26♒04!3 |
| 16 abr | 1 40 0.2 | 26♈52.3 | 12♍10.1 | 27♈05.2 | 12♈40.1 | 17♑59.7 | 21♎32.8 | 01♏55!3 | 20♓44.7 | 23♒49.3 | 01♎05!8 | 26♒03!0 |
| 17 abr | 1 43 56.8 | 27♈51.0 | 24♍43.8 | 29♈11.8 | 13♈54.1 | 18♑29.2 | 21♎36.9 | 01♏53!6 | 20♓47.7 | 23♒50.5 | 01♎05!4 | 25♒59!5 |
| 18 abr | 1 47 53.3 | 28♈49.6 | 07♎07.5 | 01♉18.9 | 15♈08.1 | 18♑58.8 | 21♎40.8 | 01♏52!0 | 20♓50.5 | 23♒51.7 | 01♎04!9 | 25♒53!2 |
| 19 abr | 1 51 49.9 | 29♈48.2 | 19♎22.6 | 03♉26.3 | 16♈22.0 | 19♑28.6 | 21♎44.6 | 01♏50!6 | 20♓53.4 | 23♒52.9 | 01♎04!3 | 25♒44!3 |
| 20 abr | 1 55 46.4 | 00♉46.7 | 01♏30.5 | 05♉33.8 | 17♈36.0 | 19♑58.4 | 21♎48.2 | 01♏49!2 | 20♓56.2 | 23♒54.1 | 01♎03!8 | 25♒33!4 |
| 21 abr | 1 59 43.0 | 01♉45.2 | 13♏32.1 | 07♉41.2 | 18♈49.9 | 20♑28.5 | 21♎51.7 | 01♏47!9 | 20♓59.0 | 23♒55.2 | 01♎03!2 | 25♒21!1 |
| 22 abr | 2 3 39.5 | 02♉43.7 | 25♏28.7 | 09♉48.1 | 20♈03.8 | 20♑58.6 | 21♎54.9 | 01♏46!8 | 21♓01.8 | 23♒56.3 | 01♎02!6 | 25♒08!6 |
| 23 abr | 2 7 36.1 | 03♉42.2 | 07♐21.8 | 11♉54.3 | 21♈17.8 | 21♑28.9 | 21♎58.0 | 01♏45!7 | 21♓04.6 | 23♒57.4 | 01♎02!0 | 24♒56!9 |
| 24 abr | 2 11 32.6 | 04♉40.6 | 19♐13.3 | 13♉59.3 | 22♈31.7 | 21♑59.3 | 22♎00.9 | 01♏44!7 | 21♓07.3 | 23♒58.5 | 01♎01!3 | 24♒47!0 |
| 25 abr | 2 15 29.2 | 05♉39.0 | 01♑06.1 | 16♉03.0 | 23♈45.6 | 22♑29.8 | 22♎03.6 | 01♏43!9 | 21♓10.0 | 23♒59.5 | 01♎00!7 | 24♒39!5 |
| 26 abr | 2 19 25.8 | 06♉37.4 | 13♑03.8 | 18♉05.0 | 24♈59.5 | 23♑00.4 | 22♎06.1 | 01♏43!1 | 21♓12.6 | 24♒00.5 | 00♎60!0 | 24♒34!6 |
| 27 abr | 2 23 22.3 | 07♉35.8 | 25♑10.3 | 20♉05.0 | 26♈13.5 | 23♑31.2 | 22♎08.5 | 01♏42!5 | 21♓15.2 | 24♒01.4 | 00♎59!2 | 24♒32!1 |
| 28 abr | 2 27 18.9 | 08♉34.1 | 07♒30.6 | 22♉02.6 | 27♈27.4 | 24♑02.1 | 22♎10.6 | 01♏41!9 | 21♓17.8 | 24♒02.4 | 00♎58!4 | 24♒31!5 |
| 29 abr | 2 31 15.4 | 09♉32.4 | 20♒09.6 | 23♉57.8 | 28♈41.3 | 24♑33.0 | 22♎12.6 | 01♏41!5 | 21♓20.4 | 24♒03.2 | 00♎57!7 | 24♒31.6 |
| 30 abr | 2 35 12.0 | 10♉30.7 | 03♓12.1 | 25♉50.1 | 29♈55.2 | 25♑04.1 | 22♎14.4 | 01♏41!2 | 21♓22.9 | 24♒04.1 | 00♎56!8 | 24♒31!5 |

## Declinação dos Astros

Tropical Ephemeris - terΨa-feira, 01 abr 2008 at noon, Greenwich  SVP = 05♓08,51  True Ayanamsa = 23d 58m 28s
Julian Day = 2454558.0  Geocentric - An '!' symbol instead of a '.' denotes a Rx planet.

| Decl. | Sidereal Time | Sun | Moon | Mercury | Venus | Mars | Jupiter | Saturn | Uranus | Neptune | Pluto | N. Node |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | h m s | ° ' | ° ' | ° ' | ° ' | ° ' | ° ' | ° ' | ° ' | ° ' | ° ' | ° ' |
| 01 abr | 0 40 51.9 | 04 n 47.8 | 18 s 30.1 | 02 s 55.1 | 03 s 39.9 | 25 n 15.8 | 21 s 53.6 | 12 n 17.6 | 04 s 38.9 | 13 s 59.4 | 17 s 04.2 | 12 s 34.1 |
| 02 abr | 0 44 48.4 | 05 n 10.8 | 13 s 20.4 | 02 s 09.6 | 03 s 11.0 | 25 n 12.6 | 21 s 52.8 | 12 n 18.7 | 04 s 37.6 | 13 s 58.9 | 17 s 04.1 | 12 s 33.9 |
| 03 abr | 0 48 45.0 | 05 n 33.8 | 07 s 23.2 | 01 s 23.0 | 02 s 42.0 | 25 n 09.3 | 21 s 51.9 | 12 n 19.7 | 04 s 36.4 | 13 s 58.4 | 17 s 04.0 | 12 s 34.1 |
| 04 abr | 0 52 41.5 | 05 n 56.7 | 00 s 53.8 | 00 s 35.5 | 02 s 12.9 | 25 n 05.8 | 21 s 51.1 | 12 n 20.7 | 04 s 35.2 | 13 s 57.9 | 17 s 03.8 | 12 s 35.0 |
| 05 abr | 0 56 38.1 | 06 n 19.5 | 05 n 48.7 | 00 n 12.9 | 01 s 43.7 | 25 n 02.3 | 21 s 50.3 | 12 n 21.7 | 04 s 33.9 | 13 s 57.4 | 17 s 03.7 | 12 s 36.6 |
| 06 abr | 1 0 34.6 | 06 n 42.1 | 12 n 21.0 | 01 n 02.3 | 01 s 14.5 | 24 n 58.7 | 21 s 49.5 | 12 n 22.6 | 04 s 32.7 | 13 s 56.9 | 17 s 03.6 | 12 s 38.9 |
| 07 abr | 1 4 31.2 | 07 n 04.7 | 18 n 16.0 | 01 n 52.5 | 00 s 45.2 | 24 n 54.9 | 21 s 48.7 | 12 n 23.5 | 04 s 31.5 | 13 s 56.4 | 17 s 03.5 | 12 s 41.5 |
| 08 abr | 1 8 27.8 | 07 n 27.1 | 23 n 04.6 | 02 n 43.6 | 00 s 15.9 | 24 n 51.0 | 21 s 48.0 | 12 n 24.3 | 04 s 30.2 | 13 s 55.9 | 17 s 03.4 | 12 s 44.3 |
| 09 abr | 1 12 24.3 | 07 n 49.4 | 26 n 20.4 | 03 n 35.3 | 00 n 13.4 | 24 n 47.1 | 21 s 47.2 | 12 n 25.1 | 04 s 29.0 | 13 s 55.5 | 17 s 03.3 | 12 s 46.7 |
| 10 abr | 1 16 20.9 | 08 n 11.6 | 27 n 45.5 | 04 n 27.8 | 00 n 42.7 | 24 n 43.0 | 21 s 46.5 | 12 n 25.9 | 04 s 27.8 | 13 s 55.0 | 17 s 03.2 | 12 s 48.6 |
| 11 abr | 1 20 17.4 | 08 n 33.6 | 27 n 16.1 | 05 n 20.9 | 01 n 12.1 | 24 n 38.8 | 21 s 45.8 | 12 n 26.6 | 04 s 26.7 | 13 s 54.5 | 17 s 03.2 | 12 s 49.7 |
| 12 abr | 1 24 14.0 | 08 n 55.5 | 25 n 02.4 | 06 n 14.5 | 01 n 41.4 | 24 n 34.5 | 21 s 45.2 | 12 n 27.3 | 04 s 25.5 | 13 s 54.1 | 17 s 03.1 | 12 s 50.1 |
| 13 abr | 1 28 10.5 | 09 n 17.2 | 21 n 24.3 | 07 n 08.6 | 02 n 10.7 | 24 n 30.1 | 21 s 44.5 | 12 n 28.0 | 04 s 24.3 | 13 s 53.7 | 17 s 03.0 | 12 s 50.0 |
| 14 abr | 1 32 7.1 | 09 n 38.8 | 16 n 44.5 | 08 n 02.9 | 02 n 40.0 | 24 n 25.6 | 21 s 43.9 | 12 n 28.6 | 04 s 23.1 | 13 s 53.2 | 17 s 02.9 | 12 s 49.8 |
| 15 abr | 1 36 3.6 | 10 n 00.2 | 11 n 24.2 | 08 n 57.4 | 03 n 09.3 | 24 n 20.9 | 21 s 43.4 | 12 n 29.2 | 04 s 22.0 | 13 s 52.8 | 17 s 02.8 | 12 s 49.7 |
| 16 abr | 1 40 0.2 | 10 n 21.5 | 05 n 41.3 | 09 n 51.9 | 03 n 38.4 | 24 n 16.2 | 21 s 42.8 | 12 n 29.7 | 04 s 20.9 | 13 s 52.4 | 17 s 02.7 | 12 s 50.1 |
| 17 abr | 1 43 56.8 | 10 n 42.6 | 00 s 08.9 | 10 n 46.4 | 04 n 07.6 | 24 n 11.3 | 21 s 42.3 | 12 n 30.3 | 04 s 19.7 | 13 s 52.0 | 17 s 02.6 | 12 s 51.3 |
| 18 abr | 1 47 53.3 | 11 n 03.5 | 05 s 53.6 | 11 n 40.5 | 04 n 36.6 | 24 n 06.3 | 21 s 41.8 | 12 n 30.7 | 04 s 18.6 | 13 s 51.6 | 17 s 02.5 | 12 s 53.5 |
| 19 abr | 1 51 49.9 | 11 n 24.2 | 11 s 20.6 | 12 n 34.1 | 05 n 05.5 | 24 n 01.2 | 21 s 41.3 | 12 n 31.2 | 04 s 17.5 | 13 s 51.3 | 17 s 02.5 | 12 s 56.4 |
| 20 abr | 1 55 46.4 | 11 n 44.7 | 16 s 18.5 | 13 n 27.1 | 05 n 34.4 | 23 n 56.0 | 21 s 40.8 | 12 n 31.6 | 04 s 16.4 | 13 s 50.9 | 17 s 02.4 | 13 s 00.1 |
| 21 abr | 1 59 43.0 | 12 n 05.0 | 20 s 35.6 | 14 n 19.2 | 06 n 03.1 | 23 n 50.6 | 21 s 40.4 | 12 n 31.9 | 04 s 15.3 | 13 s 50.5 | 17 s 02.3 | 13 s 04.3 |
| 22 abr | 2 3 39.5 | 12 n 25.2 | 24 s 00.6 | 15 n 10.1 | 06 n 31.7 | 23 n 45.2 | 21 s 40.0 | 12 n 32.2 | 04 s 14.3 | 13 s 50.2 | 17 s 02.2 | 13 s 08.5 |
| 23 abr | 2 7 36.1 | 12 n 45.1 | 26 s 23.0 | 15 n 59.8 | 07 n 00.2 | 23 n 39.6 | 21 s 39.6 | 12 n 32.5 | 04 s 13.2 | 13 s 49.9 | 17 s 02.1 | 13 s 12.4 |
| 24 abr | 2 11 32.6 | 13 n 04.8 | 27 s 34.3 | 16 n 48.0 | 07 n 28.5 | 23 n 33.9 | 21 s 39.3 | 12 n 32.8 | 04 s 12.2 | 13 s 49.5 | 17 s 02.1 | 13 s 15.7 |
| 25 abr | 2 15 29.2 | 13 n 24.4 | 27 s 29.6 | 17 n 34.5 | 07 n 56.7 | 23 n 28.1 | 21 s 39.0 | 12 n 33.0 | 04 s 11.1 | 13 s 49.2 | 17 s 02.0 | 13 s 18.2 |
| 26 abr | 2 19 25.8 | 13 n 43.6 | 26 s 08.0 | 18 n 19.1 | 08 n 24.7 | 23 n 22.2 | 21 s 38.7 | 12 n 33.1 | 04 s 10.1 | 13 s 48.9 | 17 s 01.9 | 13 s 19.8 |
| 27 abr | 2 23 22.3 | 14 n 02.7 | 23 s 32.5 | 19 n 01.6 | 08 n 52.5 | 23 n 16.1 | 21 s 38.4 | 12 n 33.3 | 04 s 09.1 | 13 s 48.6 | 17 s 01.9 | 13 s 20.6 |
| 28 abr | 2 27 18.9 | 14 n 21.6 | 19 s 49.6 | 19 n 42.0 | 09 n 20.1 | 23 n 09.9 | 21 s 38.2 | 12 n 33.3 | 04 s 08.1 | 13 s 48.3 | 17 s 01.8 | 13 s 20.9 |
| 29 abr | 2 31 15.4 | 14 n 40.2 | 15 s 07.8 | 20 n 20.0 | 09 n 47.5 | 23 n 03.6 | 21 s 38.0 | 12 n 33.4 | 04 s 07.1 | 13 s 48.0 | 17 s 01.7 | 13 s 20.8 |
| 30 abr | 2 35 12.0 | 14 n 58.5 | 09 s 37.2 | 20 n 55.7 | 10 n 14.7 | 22 n 57.2 | 21 s 37.8 | 12 n 33.4 | 04 s 06.1 | 13 s 47.8 | 17 s 01.7 | 13 s 20.9 |

# MAIO DE 2008

## Longitude dos Astros

Tropical Ephemeris - quinta-feira, 01 mai 2008 at noon, Greenwich  SVP = 05♓08.45  True Ayanamsa = 23d 58m 32s
Julian Day = 2454588.0  Geocentric - An '!' symbol instead of a '.' denotes a Rx planet.

| Long. | Sidereal Time | Sun | Moon | Mercury | Venus | Mars | Jupiter | Saturn | Uranus | Neptune | Pluto | N. Node |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | h m s | ° ' | ° ' | ° ' | ° ' | ° ' | ° ' | ° ' | ° ' | ° ' | ° ' | ° ' |
| 01 mai | 2 39 8.5 | 11♉28.9 | 16♓41.8 | 27♉39.3 | 01♉09.1 | 25♋35.4 | 22♑16.0 | 01♑40!9 | 21♓25.4 | 24♒04.9 | 00♑56!0 | 24♒29!8 |
| 02 mai | 2 43 5.1 | 12♉27.1 | 00♈40.9 | 29♉25.4 | 02♉22.9 | 26♋06.7 | 22♑17.5 | 01♑40!8 | 21♓27.9 | 24♒05.7 | 00♑55!1 | 24♒26!0 |
| 03 mai | 2 47 1.6 | 13♉25.3 | 15♈08.7 | 01♊08.1 | 03♉36.8 | 26♋38.1 | 22♑18.7 | 01♑40.8 | 21♓30.3 | 24♒06.5 | 00♑54!2 | 24♒19!4 |
| 04 mai | 2 50 58.2 | 14♉23.5 | 00♉01.3 | 02♊47.2 | 04♉50.7 | 27♋09.6 | 22♑19.7 | 01♑40.9 | 21♓32.7 | 24♒07.2 | 00♑53!3 | 24♒10!5 |
| 05 mai | 2 54 54.8 | 15♉21.7 | 15♉10.8 | 04♊22.7 | 06♉04.6 | 27♋41.3 | 22♑20.6 | 01♑41.1 | 21♓35.1 | 24♒08.0 | 00♑52!3 | 23♒60!0 |
| 06 mai | 2 58 51.3 | 16♉19.8 | 00♊27.1 | 05♊54.4 | 07♉18.4 | 28♋13.0 | 22♑21.2 | 01♑41.4 | 21♓37.4 | 24♒08.6 | 00♑51!4 | 23♒49!0 |
| 07 mai | 3 2 47.9 | 17♉17.9 | 15♊38.9 | 07♊22.3 | 08♉32.3 | 28♋44.9 | 22♑21.7 | 01♑41.8 | 21♓39.7 | 24♒09.3 | 00♑50!4 | 23♒39!0 |
| 08 mai | 3 6 44.4 | 18♉15.9 | 00♋35.9 | 08♊46.3 | 09♉46.1 | 29♋16.8 | 22♑22.0 | 01♑42.4 | 21♓41.9 | 24♒09.9 | 00♑49!4 | 23♒31!0 |
| 09 mai | 3 10 41.0 | 19♉14.0 | 15♋10.7 | 10♊06.2 | 10♉60.0 | 29♋48.9 | 22♑22.1 | 01♑43.0 | 21♓44.1 | 24♒10.5 | 00♑48!3 | 23♒25!5 |
| 10 mai | 3 14 37.5 | 20♉12.0 | 29♋19.4 | 11♊22.1 | 12♉13.8 | 00♌21.0 | 22♑22!0 | 01♑43.7 | 21♓46.3 | 24♒11.0 | 00♑47!3 | 23♒22!7 |
| 11 mai | 3 18 34.1 | 21♉09.9 | 13♌01.4 | 12♊33.8 | 13♉27.6 | 00♌53.2 | 22♑21!7 | 01♑44.6 | 21♓48.4 | 24♒11.5 | 00♑46!2 | 23♒21!7 |
| 12 mai | 3 22 30.6 | 22♉07.9 | 26♌18.3 | 13♊41.3 | 14♉41.4 | 01♌25.5 | 22♑21!3 | 01♑45.5 | 21♓50.5 | 24♒12.0 | 00♑45!1 | 23♒21!6 |
| 13 mai | 3 26 27.2 | 23♉05.8 | 09♍13.3 | 14♊44.6 | 15♉55.2 | 01♌57.9 | 22♑20!6 | 01♑46.5 | 21♓52.6 | 24♒12.4 | 00♑43!9 | 23♒21!2 |
| 14 mai | 3 30 23.8 | 24♉03.7 | 21♍50.4 | 15♊43.5 | 17♉09.0 | 02♌30.4 | 22♑19!7 | 01♑47.7 | 21♓54.6 | 24♒12.9 | 00♑42!8 | 23♒19!3 |
| 15 mai | 3 34 20.3 | 25♉01.5 | 04♎13.4 | 16♊38.0 | 18♉22.8 | 03♌03.0 | 22♑18!7 | 01♑49.0 | 21♓56.6 | 24♒13.2 | 00♑41!6 | 23♒15!0 |
| 16 mai | 3 38 16.9 | 25♉59.3 | 16♎25.7 | 17♊28.1 | 19♉36.6 | 03♌35.7 | 22♑17!5 | 01♑50.3 | 21♓58.5 | 24♒13.6 | 00♑40!4 | 23♒07!8 |
| 17 mai | 3 42 13.4 | 26♉57.1 | 28♎30.3 | 18♊13.7 | 20♉50.3 | 04♌08.4 | 22♑16!1 | 01♑51.8 | 22♓00.4 | 24♒13.9 | 00♑39!2 | 22♒57!9 |
| 18 mai | 3 46 10.0 | 27♉54.9 | 10♏29.5 | 18♊54.6 | 22♉04.1 | 04♌41.2 | 22♑14!5 | 01♑53.3 | 22♓02.2 | 24♒14.2 | 00♑38!0 | 22♒45!7 |
| 19 mai | 3 50 6.5 | 28♉52.6 | 22♏24.9 | 19♊31.0 | 23♉17.9 | 05♌14.1 | 22♑12!7 | 01♑55.0 | 22♓04.1 | 24♒14.4 | 00♑36!7 | 22♒32!1 |
| 20 mai | 3 54 3.1 | 29♉50.3 | 04♐18.1 | 20♊02.6 | 24♉31.6 | 05♌47.1 | 22♑10!7 | 01♑56.8 | 22♓05.8 | 24♒14.6 | 00♑35!5 | 22♒18!2 |
| 21 mai | 3 57 59.6 | 00♊48.0 | 16♐10.4 | 20♊29.5 | 25♉45.4 | 06♌20.2 | 22♑08!6 | 01♑58.6 | 22♓07.6 | 24♒14.8 | 00♑34!2 | 22♒05!2 |
| 22 mai | 4 1 56.2 | 01♊45.7 | 28♐03.3 | 20♊51.6 | 26♉59.1 | 06♌53.3 | 22♑06!2 | 02♑00.6 | 22♓09.2 | 24♒15.0 | 00♑32!9 | 21♒53!9 |
| 23 mai | 4 5 52.8 | 02♊43.4 | 09♑58.8 | 21♊08.9 | 28♉12.9 | 07♌26.5 | 22♑03!7 | 02♑02.7 | 22♓10.9 | 24♒15.1 | 00♑31!6 | 21♒45!2 |
| 24 mai | 4 9 49.3 | 03♊41.0 | 21♑59.4 | 21♊21.5 | 29♉26.6 | 07♌59.8 | 22♑01!0 | 02♑04.8 | 22♓12.5 | 24♒15.2 | 00♑30!3 | 21♒39!4 |
| 25 mai | 4 13 45.9 | 04♊38.6 | 04♒08.4 | 21♊29.2 | 00♊40.4 | 08♌33.1 | 21♑58!1 | 02♑07.1 | 22♓14.0 | 24♒15.3 | 00♑28!9 | 21♒36!2 |
| 26 mai | 4 17 42.4 | 05♊36.2 | 16♒29.7 | 21♊32.3 | 01♊54.1 | 09♌06.6 | 21♑55!1 | 02♑09.5 | 22♓15.6 | 24♒15.3 | 00♑27!5 | 21♒35!0 |
| 27 mai | 4 21 39.0 | 06♊33.8 | 29♒07.5 | 21♊30!7 | 03♊07.8 | 09♌40.1 | 21♑51!9 | 02♑11.9 | 22♓17.0 | 24♒15!3 | 00♑26!2 | 21♒35.0 |
| 28 mai | 4 25 35.5 | 07♊31.4 | 12♓06.3 | 21♊24!7 | 04♊21.6 | 10♌13.7 | 21♑48!4 | 02♑14.5 | 22♓18.4 | 24♒15!2 | 00♑24!8 | 21♒35!1 |
| 29 mai | 4 29 32.1 | 08♊29.0 | 25♓30.2 | 21♊14!3 | 05♊35.3 | 10♌47.3 | 21♑44!9 | 02♑17.1 | 22♓19.8 | 24♒15!1 | 00♑23!4 | 21♒34!0 |
| 30 mai | 4 33 28.6 | 09♊26.5 | 09♈22.0 | 20♊59!8 | 06♊49.0 | 11♌21.0 | 21♑41!1 | 02♑19.9 | 22♓21.2 | 24♒15!0 | 00♑22!0 | 21♒31!0 |
| 31 mai | 4 37 25.2 | 10♊24.0 | 23♈42.2 | 20♊41!5 | 08♊02.8 | 11♌54.8 | 21♑37!2 | 02♑22.7 | 22♓22.4 | 24♒14!9 | 00♑20!5 | 21♒25!6 |

## Declinação dos Astros

Tropical Ephemeris - quinta-feira, 01 mai 2008 at noon, Greenwich  SVP = 05♓08.45  True Ayanamsa = 23d 58m 32s
Julian Day = 2454588.0  Geocentric - An '!' symbol instead of a '.' denotes a Rx planet.

| Decl. | Sidereal Time | Sun | Moon | Mercury | Venus | Mars | Jupiter | Saturn | Uranus | Neptune | Pluto | N. Node |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | h m s | ° ' | ° ' | ° ' | ° ' | ° ' | ° ' | ° ' | ° ' | ° ' | ° ' | ° ' |
| 01 mai | 2 39 8.5 | 15 n16.6 | 03 s29.6 | 21 n29.0 | 10 n41.6 | 22 n50.7 | 21 s37.7 | 12 n33.4 | 04 s05.2 | 13 s47.5 | 17 s01.6 | 13 s21.4 |
| 02 mai | 2 43 5.1 | 15 n34.5 | 03 n00.2 | 21 n59.7 | 11 n08.3 | 22 n44.0 | 21 s37.6 | 12 n33.3 | 04 s04.2 | 13 s47.3 | 17 s01.6 | 13 s22.7 |
| 03 mai | 2 47 1.6 | 15 n52.1 | 09 n33.4 | 22 n27.9 | 11 n34.8 | 22 n37.2 | 21 s37.5 | 12 n33.2 | 04 s03.3 | 13 s47.0 | 17 s01.5 | 13 s24.9 |
| 04 mai | 2 50 58.2 | 16 n09.5 | 15 n45.4 | 22 n53.7 | 12 n00.9 | 22 n30.3 | 21 s37.5 | 12 n33.1 | 04 s02.4 | 13 s46.8 | 17 s01.5 | 13 s27.8 |
| 05 mai | 2 54 54.8 | 16 n26.5 | 21 n06.9 | 23 n16.9 | 12 n26.8 | 22 n23.3 | 21 s37.5 | 12 n32.9 | 04 s01.5 | 13 s46.6 | 17 s01.4 | 13 s31.3 |
| 06 mai | 2 58 51.3 | 16 n43.3 | 25 n06.3 | 23 n37.7 | 12 n52.4 | 22 n16.1 | 21 s37.5 | 12 n32.7 | 04 s00.6 | 13 s46.4 | 17 s01.4 | 13 s34.9 |
| 07 mai | 3 2 47.9 | 16 n59.9 | 27 n17.2 | 23 n56.1 | 13 n17.7 | 22 n08.8 | 21 s37.5 | 12 n32.4 | 03 s59.7 | 13 s46.2 | 17 s01.3 | 13 s38.3 |
| 08 mai | 3 6 44.4 | 17 n16.1 | 27 n26.7 | 24 n12.1 | 13 n42.7 | 22 n01.4 | 21 s37.6 | 12 n32.1 | 03 s58.8 | 13 s46.0 | 17 s01.3 | 13 s40.9 |
| 09 mai | 3 10 41.0 | 17 n32.1 | 25 n40.3 | 24 n25.8 | 14 n07.3 | 21 n53.9 | 21 s37.7 | 12 n31.7 | 03 s58.0 | 13 s45.9 | 17 s01.3 | 13 s42.7 |
| 10 mai | 3 14 37.5 | 17 n47.7 | 22 n18.1 | 24 n37.4 | 14 n31.6 | 21 n46.3 | 21 s37.9 | 12 n31.4 | 03 s57.2 | 13 s45.7 | 17 s01.2 | 13 s43.6 |
| 11 mai | 3 18 34.1 | 18 n03.1 | 17 n46.5 | 24 n46.7 | 14 n55.6 | 21 n38.5 | 21 s38.1 | 12 n31.0 | 03 s56.3 | 13 s45.5 | 17 s01.2 | 13 s43.9 |
| 12 mai | 3 22 30.6 | 18 n18.1 | 12 n30.3 | 24 n54.0 | 15 n19.2 | 21 n30.6 | 21 s38.3 | 12 n30.5 | 03 s55.5 | 13 s45.4 | 17 s01.2 | 13 s44.0 |
| 13 mai | 3 26 27.2 | 18 n32.9 | 06 n50.0 | 24 n59.3 | 15 n42.4 | 21 n22.6 | 21 s38.5 | 12 n30.0 | 03 s54.8 | 13 s45.3 | 17 s01.2 | 13 s44.1 |
| 14 mai | 3 30 23.8 | 18 n47.3 | 01 n01.6 | 25 n02.7 | 16 n05.2 | 21 n14.5 | 21 s38.8 | 12 n29.5 | 03 s54.0 | 13 s45.2 | 17 s01.1 | 13 s44.7 |
| 15 mai | 3 34 20.3 | 19 n01.4 | 04 s42.1 | 25 n04.3 | 16 n27.6 | 21 n06.2 | 21 s39.1 | 12 n28.9 | 03 s53.3 | 13 s45.1 | 17 s01.1 | 13 s46.2 |
| 16 mai | 3 38 16.9 | 19 n15.2 | 10 s10.0 | 25 n04.0 | 16 n49.6 | 20 n57.9 | 21 s39.4 | 12 n28.3 | 03 s52.5 | 13 s45.0 | 17 s01.1 | 13 s48.5 |
| 17 mai | 3 42 13.4 | 19 n28.6 | 15 s11.5 | 25 n02.1 | 17 n11.1 | 20 n49.4 | 21 s39.8 | 12 n27.7 | 03 s51.8 | 13 s44.9 | 17 s01.1 | 13 s51.7 |
| 18 mai | 3 46 10.0 | 19 n41.8 | 19 s35.8 | 24 n58.5 | 17 n32.2 | 20 n40.8 | 21 s40.2 | 12 n27.0 | 03 s51.1 | 13 s44.8 | 17 s01.1 | 13 s55.7 |
| 19 mai | 3 50 6.5 | 19 n54.6 | 23 s11.7 | 24 n53.3 | 17 n52.9 | 20 n32.1 | 21 s40.6 | 12 n26.3 | 03 s50.4 | 13 s44.7 | 17 s01.1 | 14 s00.1 |
| 20 mai | 3 54 3.1 | 20 n07.0 | 25 s48.1 | 24 n46.6 | 18 n13.1 | 20 n23.2 | 21 s41.1 | 12 n25.5 | 03 s49.7 | 13 s44.7 | 17 s01.1 | 14 s04.7 |
| 21 mai | 3 57 59.6 | 20 n19.1 | 27 s15.8 | 24 n38.5 | 18 n32.8 | 20 n14.3 | 21 s41.6 | 12 n24.8 | 03 s49.1 | 13 s44.6 | 17 s01.1 | 14 s08.9 |
| 22 mai | 4 1 56.2 | 20 n30.9 | 27 s28.4 | 24 n29.1 | 18 n52.1 | 20 n05.2 | 21 s42.1 | 12 n23.9 | 03 s48.5 | 13 s44.6 | 17 s01.1 | 14 s12.5 |
| 23 mai | 4 5 52.8 | 20 n42.3 | 26 s24.2 | 24 n18.3 | 19 n10.8 | 19 n56.0 | 21 s42.6 | 12 n23.1 | 03 s47.8 | 13 s44.6 | 17 s01.1 | 14 s15.3 |
| 24 mai | 4 9 49.3 | 20 n53.4 | 24 s06.4 | 24 n06.3 | 19 n29.1 | 19 n46.7 | 21 s43.2 | 12 n22.2 | 03 s47.2 | 13 s44.6 | 17 s01.1 | 14 s17.2 |
| 25 mai | 4 13 45.9 | 21 n04.1 | 20 s41.7 | 23 n53.1 | 19 n46.8 | 19 n37.3 | 21 s43.8 | 12 n21.3 | 03 s46.7 | 13 s44.6 | 17 s01.1 | 14 s18.3 |
| 26 mai | 4 17 42.4 | 21 n14.4 | 16 s19.3 | 23 n38.8 | 20 n04.0 | 19 n27.8 | 21 s44.5 | 12 n20.3 | 03 s46.1 | 13 s44.6 | 17 s01.1 | 14 s18.6 |
| 27 mai | 4 21 39.0 | 21 n24.4 | 11 s09.3 | 23 n23.5 | 20 n20.6 | 19 n18.1 | 21 s45.1 | 12 n19.3 | 03 s45.5 | 13 s44.6 | 17 s01.1 | 14 s18.6 |
| 28 mai | 4 25 35.5 | 21 n34.0 | 05 s22.7 | 23 n07.2 | 20 n36.7 | 19 n08.4 | 21 s45.8 | 12 n18.3 | 03 s45.0 | 13 s44.7 | 17 s01.1 | 14 s18.6 |
| 29 mai | 4 29 32.1 | 21 n43.2 | 00 n48.4 | 22 n50.2 | 20 n52.3 | 18 n58.5 | 21 s46.5 | 12 n17.2 | 03 s44.5 | 13 s44.7 | 17 s01.2 | 14 s18.9 |
| 30 mai | 4 33 28.6 | 21 n52.0 | 07 n09.3 | 22 n32.4 | 21 n07.2 | 18 n48.5 | 21 s47.3 | 12 n16.1 | 03 s44.0 | 13 s44.8 | 17 s01.2 | 14 s19.9 |
| 31 mai | 4 37 25.2 | 22 n00.5 | 13 n20.9 | 22 n14.0 | 21 n21.6 | 18 n38.4 | 21 s48.0 | 12 n15.0 | 03 s43.5 | 13 s44.8 | 17 s01.2 | 14 s21.7 |

# JUNHO DE 2008

## Longitude dos Astros

Tropical Ephemeris - domingo, 01 jun 2008 at noon, Greenwich  SVP = 05♓08'38"  True Ayanamsa = 23d 58m 36s
Julian Day = 2454619.0  Geocentric - An '!' symbol instead of a '.' denotes a Rx planet.

| Long. | Sidereal Time | Sun | Moon | Mercury | Venus | Mars | Jupiter | Saturn | Uranus | Neptune | Pluto | N. Node |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | h m s | ° ' | ° ' | ° ' | ° ' | ° ' | ° ' | ° ' | ° ' | ° ' | ° ' | ° ' |
| 01 jun | 4 41 21.8 | 11♊21.6 | 08♉28.5 | 20♊19!7 | 09♊16.5 | 12♌28.7 | 21♍33!1 | 02♑25.7 | 22♐23.7 | 24♓14!7 | 00♍19!1 | 21♓17!9 |
| 02 jun | 4 45 18.3 | 12♊19.1 | 23♉34.8 | 19♊54!8 | 10♊30.3 | 13♌02.6 | 21♍28!8 | 02♑28.7 | 22♐24.9 | 24♓14!5 | 00♍17!6 | 21♓08!6 |
| 03 jun | 4 49 14.9 | 13♊16.6 | 08♊51.9 | 19♊27!2 | 11♊44.0 | 13♌36.6 | 21♍24!4 | 02♑31.8 | 22♐26.0 | 24♓14!3 | 00♍16!2 | 20♓58!8 |
| 04 jun | 4 53 11.4 | 14♊14.0 | 24♊08.6 | 18♊57!3 | 12♊57.7 | 14♌10.7 | 21♍19!8 | 02♑35.0 | 22♐27.1 | 24♓14!0 | 00♍14!7 | 20♓49!7 |
| 05 jun | 4 57 8.0 | 15♊11.5 | 09♋13.9 | 18♊25!7 | 14♊11.5 | 14♌44.9 | 21♍15!1 | 02♑38.3 | 22♐28.2 | 24♓13!7 | 00♍13!2 | 20♓42!4 |
| 06 jun | 5 1 4.5 | 16♊08.9 | 23♋58.8 | 17♊52!9 | 15♊25.2 | 15♌19.1 | 21♍10!2 | 02♑41.7 | 22♐29.2 | 24♓13!4 | 00♍11!7 | 20♓37!5 |
| 07 jun | 5 5 1.1 | 17♊06.4 | 08♌17.6 | 17♊19!4 | 16♊38.9 | 15♌53.3 | 21♍05!1 | 02♑45.2 | 22♐30.2 | 24♓13!0 | 00♍10!2 | 20♓35!0 |
| 08 jun | 5 8 57.6 | 18♊03.8 | 22♌07.9 | 16♊45!9 | 17♊52.7 | 16♌27.7 | 20♍59!9 | 02♑48.8 | 22♐31.1 | 24♓12!6 | 00♍08!7 | 20♓34.4 |
| 09 jun | 5 12 54.2 | 19♊01.2 | 05♑30.6 | 16♊12!9 | 19♊06.4 | 17♌02.1 | 20♍54!6 | 02♑52.5 | 22♐32.0 | 24♓12!2 | 00♍07!2 | 20♓34.9 |
| 10 jun | 5 16 50.7 | 19♊58.5 | 18♑28.3 | 15♊41!0 | 20♊20.1 | 17♌36.5 | 20♍49!1 | 02♑56.2 | 22♐32.8 | 24♓11!8 | 00♍05!7 | 20♓35.4 |
| 11 jun | 5 20 47.3 | 20♊55.9 | 01♒05.0 | 15♊10!7 | 21♊33.8 | 18♌11.1 | 20♍43!5 | 03♑00.1 | 22♐33.6 | 24♓11!3 | 00♍04!2 | 20♓34!8 |
| 12 jun | 5 24 43.9 | 21♊53.2 | 13♒25.1 | 14♊42!6 | 22♊47.5 | 18♌45.7 | 20♍37!7 | 03♑04.0 | 22♐34.3 | 24♓10!7 | 00♍02!6 | 20♓32!5 |
| 13 jun | 5 28 40.4 | 22♊50.5 | 25♒33.0 | 14♊17!0 | 24♊01.3 | 19♌20.3 | 20♍31!8 | 03♑08.0 | 22♐35.0 | 24♓10!2 | 00♍01!1 | 20♓27!9 |
| 14 jun | 5 32 37.0 | 23♊47.8 | 07♑32.5 | 13♊54!5 | 25♊15.0 | 19♌55.0 | 20♍25!8 | 03♑12.1 | 22♐35.6 | 24♓09!6 | 29♌59!6 | 20♓21!1 |
| 15 jun | 5 36 33.5 | 24♊45.1 | 19♑27.1 | 13♊35!4 | 26♊28.7 | 20♌29.8 | 20♍19!7 | 03♑16.3 | 22♐36.2 | 24♓09!0 | 29♌58!0 | 20♓12!4 |
| 16 jun | 5 40 30.1 | 25♊42.4 | 01♐19.4 | 13♊20!0 | 27♊42.4 | 21♌04.6 | 20♍13!4 | 03♑20.5 | 22♐36.7 | 24♓08!4 | 29♌56!5 | 20♓02!6 |
| 17 jun | 5 44 26.6 | 26♊39.7 | 13♐11.7 | 13♊08!7 | 28♊56.1 | 21♌39.4 | 20♍07!1 | 03♑24.9 | 22♐37.2 | 24♓07!7 | 29♌54!9 | 19♓52!4 |
| 18 jun | 5 48 23.2 | 27♊36.9 | 25♐05.8 | 13♊01!5 | 00♋09.8 | 22♌14.4 | 20♍00!6 | 03♑29.3 | 22♐37.6 | 24♓07!0 | 29♌53!4 | 19♓42!9 |
| 19 jun | 5 52 19.7 | 28♊34.2 | 07♍03.2 | 12♊58!8 | 01♋23.5 | 22♌49.4 | 19♍54!0 | 03♑33.8 | 22♐38.0 | 24♓06!3 | 29♌51!8 | 19♓34!8 |
| 20 jun | 5 56 16.3 | 29♊31.4 | 19♍05.5 | 13♊00.6 | 02♋37.2 | 23♌24.4 | 19♍47!3 | 03♑38.3 | 22♐38.3 | 24♓05!6 | 29♌50!3 | 19♓28!7 |
| 21 jun | 6 0 12.9 | 00♋28.6 | 01♓14.5 | 13♊07.0 | 03♋50.9 | 23♌59.5 | 19♍40!5 | 03♑43.0 | 22♐38.6 | 24♓04!8 | 29♌48!7 | 19♓24!8 |
| 22 jun | 6 4 9.4 | 01♋25.9 | 13♓32.4 | 13♊18.2 | 05♋04.6 | 24♌34.6 | 19♍33!7 | 03♑47.7 | 22♐38.9 | 24♓04!0 | 29♌47!2 | 19♓23!1 |
| 23 jun | 6 8 6.0 | 02♋23.1 | 26♓01.8 | 13♊34.0 | 06♋18.4 | 25♌09.8 | 19♍26!7 | 03♑52.5 | 22♐39.1 | 24♓03!1 | 29♌45!6 | 19♓23.1 |
| 24 jun | 6 12 2.5 | 03♋20.3 | 08♈45.6 | 13♊54.5 | 07♋32.1 | 25♌45.1 | 19♍19!6 | 03♑57.4 | 22♐39.2 | 24♓02!3 | 29♌44!1 | 19♓24.2 |
| 25 jun | 6 15 59.1 | 04♋17.5 | 21♈47.2 | 14♊19.8 | 08♋45.8 | 26♌20.4 | 19♍12!5 | 04♑02.3 | 22♐39.3 | 24♓01!4 | 29♌42!5 | 19♓25.4 |
| 26 jun | 6 19 55.6 | 05♋14.8 | 05♉09.6 | 14♊49.7 | 09♋59.5 | 26♌55.8 | 19♍05!3 | 04♑07.3 | 22♐39.4 | 24♓00!5 | 29♌41!0 | 19♓26.0 |
| 27 jun | 6 23 52.2 | 06♋12.0 | 18♉55.1 | 15♊24.2 | 11♋13.3 | 27♌31.2 | 18♍58!0 | 04♑12.4 | 22♐39!4 | 23♓59!5 | 29♌39!4 | 19♓25!3 |
| 28 jun | 6 27 48.7 | 07♋09.2 | 03♊04.7 | 16♊03.4 | 12♋27.0 | 28♌06.7 | 18♍50!6 | 04♑17.6 | 22♐39!3 | 23♓58!6 | 29♌37!9 | 19♓22!9 |
| 29 jun | 6 31 45.3 | 08♋06.4 | 17♊36.8 | 16♊47.0 | 13♋40.7 | 28♌42.3 | 18♍43!2 | 04♑22.8 | 22♐39!2 | 23♓57!6 | 29♌36!3 | 19♓18!8 |
| 30 jun | 6 35 41.9 | 09♋03.7 | 02♋27.6 | 17♋35.1 | 14♋54.5 | 29♌17.9 | 18♍35!7 | 04♑28.1 | 22♐39!1 | 23♓56!6 | 29♌34!8 | 19♓13!6 |

## Declinação dos Astros

Tropical Ephemeris - domingo, 01 jun 2008 at noon, Greenwich  SVP = 05♓08'38"  True Ayanamsa = 23d 58m 36s
Julian Day = 2454619.0  Geocentric - An '!' symbol instead of a '.' denotes a Rx planet.

| Decl. | Sidereal Time | Sun | Moon | Mercury | Venus | Mars | Jupiter | Saturn | Uranus | Neptune | Pluto | N. Node |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | h m s | ° ' | ° ' | ° ' | ° ' | ° ' | ° ' | ° ' | ° ' | ° ' | ° ' | ° ' |
| 01 jun | 4 41 21.8 | 22 n 08.6 | 18 n 58.5 | 21 n 55.1 | 21 n 35.4 | 18 n 28.2 | 21 s 48.8 | 12 n 13.8 | 03 s 43.1 | 13 s 44.9 | 17 s 01.3 | 14 s 24.1 |
| 02 jun | 4 45 18.3 | 22 n 16.3 | 23 n 32.2 | 21 n 35.9 | 21 n 48.6 | 18 n 17.9 | 21 s 49.6 | 12 n 12.6 | 03 s 42.6 | 13 s 45.0 | 17 s 01.3 | 14 s 27.1 |
| 03 jun | 4 49 14.9 | 22 n 23.6 | 26 n 31.0 | 21 n 16.5 | 22 n 01.1 | 18 n 07.5 | 21 s 50.5 | 12 n 11.4 | 03 s 42.2 | 13 s 45.1 | 17 s 01.3 | 14 s 30.2 |
| 04 jun | 4 53 11.4 | 22 n 30.5 | 27 n 31.5 | 20 n 57.0 | 22 n 13.1 | 17 n 56.9 | 21 s 51.3 | 12 n 10.1 | 03 s 41.8 | 13 s 45.2 | 17 s 01.4 | 14 s 33.1 |
| 05 jun | 4 57 8.0 | 22 n 37.1 | 26 n 27.8 | 20 n 37.8 | 22 n 24.4 | 17 n 46.3 | 21 s 52.2 | 12 n 08.8 | 03 s 41.4 | 13 s 45.3 | 17 s 01.4 | 14 s 35.5 |
| 06 jun | 5 1 4.5 | 22 n 43.2 | 23 n 33.2 | 20 n 18.9 | 22 n 35.1 | 17 n 35.5 | 21 s 53.1 | 12 n 07.5 | 03 s 41.1 | 13 s 45.4 | 17 s 01.5 | 14 s 37.0 |
| 07 jun | 5 5 1.1 | 22 n 48.9 | 19 n 14.3 | 20 n 00.5 | 22 n 45.1 | 17 n 24.6 | 21 s 54.1 | 12 n 06.1 | 03 s 40.7 | 13 s 45.6 | 17 s 01.5 | 14 s 37.8 |
| 08 jun | 5 8 57.6 | 22 n 54.2 | 14 n 00.1 | 19 n 42.8 | 22 n 54.5 | 17 n 13.7 | 21 s 55.0 | 12 n 04.7 | 03 s 40.4 | 13 s 45.7 | 17 s 01.6 | 14 s 38.0 |
| 09 jun | 5 12 54.2 | 22 n 59.2 | 08 n 16.1 | 19 n 26.1 | 23 n 03.3 | 17 n 02.6 | 21 s 56.0 | 12 n 03.3 | 03 s 40.1 | 13 s 45.9 | 17 s 01.6 | 14 s 37.8 |
| 10 jun | 5 16 50.7 | 23 n 03.7 | 02 n 21.8 | 19 n 10.4 | 23 n 11.3 | 16 n 51.4 | 21 s 57.0 | 12 n 01.8 | 03 s 39.8 | 13 s 46.1 | 17 s 01.7 | 14 s 37.7 |
| 11 jun | 5 20 47.3 | 23 n 07.8 | 03 s 28.1 | 18 n 55.9 | 23 n 18.7 | 16 n 40.1 | 21 s 58.0 | 12 n 00.3 | 03 s 39.5 | 13 s 46.3 | 17 s 01.8 | 14 s 37.9 |
| 12 jun | 5 24 43.9 | 23 n 11.5 | 09 s 02.1 | 18 n 42.9 | 23 n 25.4 | 16 n 28.7 | 21 s 59.0 | 11 n 58.8 | 03 s 39.3 | 13 s 46.4 | 17 s 01.8 | 14 s 38.6 |
| 13 jun | 5 28 40.4 | 23 n 14.8 | 14 s 10.2 | 18 n 31.4 | 23 n 31.4 | 16 n 17.3 | 22 s 00.0 | 11 n 57.3 | 03 s 39.0 | 13 s 46.7 | 17 s 01.9 | 14 s 40.1 |
| 14 jun | 5 32 37.0 | 23 n 17.7 | 18 s 42.4 | 18 n 21.5 | 23 n 36.8 | 16 n 05.7 | 22 s 01.1 | 11 n 55.7 | 03 s 38.8 | 13 s 46.9 | 17 s 02.0 | 14 s 42.2 |
| 15 jun | 5 36 33.5 | 23 n 20.1 | 22 s 28.5 | 18 n 13.3 | 23 n 41.4 | 15 n 54.0 | 22 s 02.1 | 11 n 54.1 | 03 s 38.6 | 13 s 47.1 | 17 s 02.1 | 14 s 45.0 |
| 16 jun | 5 40 30.1 | 23 n 22.2 | 25 s 18.0 | 18 n 06.9 | 23 n 45.3 | 15 n 42.2 | 22 s 03.2 | 11 n 52.5 | 03 s 38.4 | 13 s 47.3 | 17 s 02.2 | 14 s 48.1 |
| 17 jun | 5 44 26.6 | 23 n 23.9 | 27 s 01.0 | 18 n 02.3 | 23 n 48.6 | 15 n 30.3 | 22 s 04.3 | 11 n 50.8 | 03 s 38.3 | 13 s 47.6 | 17 s 02.2 | 14 s 51.3 |
| 18 jun | 5 48 23.2 | 23 n 25.1 | 27 s 30.1 | 17 n 59.5 | 23 n 51.2 | 15 n 18.4 | 22 s 05.4 | 11 n 49.1 | 03 s 38.2 | 13 s 47.8 | 17 s 02.3 | 14 s 54.3 |
| 19 jun | 5 52 19.7 | 23 n 25.9 | 26 s 42.1 | 17 n 58.5 | 23 n 53.0 | 15 n 06.3 | 22 s 06.5 | 11 n 47.4 | 03 s 38.0 | 13 s 48.1 | 17 s 02.4 | 14 s 56.8 |
| 20 jun | 5 56 16.3 | 23 n 26.3 | 24 s 38.8 | 17 n 59.3 | 23 n 54.1 | 14 n 54.1 | 22 s 07.7 | 11 n 45.6 | 03 s 37.9 | 13 s 48.3 | 17 s 02.5 | 14 s 58.7 |
| 21 jun | 6 0 12.9 | 23 n 26.3 | 21 s 26.8 | 18 n 01.9 | 23 n 54.6 | 14 n 41.9 | 22 s 08.8 | 11 n 43.8 | 03 s 37.9 | 13 s 48.6 | 17 s 02.6 | 14 s 59.9 |
| 22 jun | 6 4 9.4 | 23 n 25.9 | 17 s 15.7 | 18 n 06.1 | 23 n 54.3 | 14 n 29.5 | 22 s 09.9 | 11 n 42.0 | 03 s 37.8 | 13 s 48.9 | 17 s 02.7 | 15 s 00.5 |
| 23 jun | 6 8 6.0 | 23 n 25.1 | 12 s 16.8 | 18 n 12.0 | 23 n 53.3 | 14 n 17.1 | 22 s 11.1 | 11 n 40.2 | 03 s 37.7 | 13 s 49.2 | 17 s 02.8 | 15 s 00.4 |
| 24 jun | 6 12 2.5 | 23 n 23.9 | 06 s 41.8 | 18 n 19.4 | 23 n 51.6 | 14 n 04.6 | 22 s 12.2 | 11 n 38.4 | 03 s 37.7 | 13 s 49.5 | 17 s 03.0 | 15 s 00.1 |
| 25 jun | 6 15 59.1 | 23 n 22.2 | 00 s 42.8 | 18 n 28.1 | 23 n 49.2 | 13 n 51.9 | 22 s 13.4 | 11 n 36.5 | 03 s 37.7 | 13 s 49.8 | 17 s 03.1 | 14 s 59.7 |
| 26 jun | 6 19 55.6 | 23 n 20.2 | 05 n 26.8 | 18 n 38.2 | 23 n 46.1 | 13 n 39.2 | 22 s 14.6 | 11 n 34.6 | 03 s 37.7 | 13 s 50.1 | 17 s 03.2 | 14 s 59.6 |
| 27 jun | 6 23 52.2 | 23 n 17.7 | 11 n 31.4 | 18 n 49.6 | 23 n 42.3 | 13 n 26.4 | 22 s 15.7 | 11 n 32.6 | 03 s 37.8 | 13 s 50.5 | 17 s 03.3 | 14 s 59.8 |
| 28 jun | 6 27 48.7 | 23 n 14.8 | 17 n 11.3 | 19 n 01.9 | 23 n 37.7 | 13 n 13.5 | 22 s 16.9 | 11 n 30.7 | 03 s 37.8 | 13 s 50.8 | 17 s 03.4 | 15 s 00.5 |
| 29 jun | 6 31 45.3 | 23 n 11.5 | 22 n 01.7 | 19 n 15.3 | 23 n 32.5 | 13 n 00.6 | 22 s 18.1 | 11 n 28.7 | 03 s 37.9 | 13 s 51.1 | 17 s 03.6 | 15 s 01.8 |
| 30 jun | 6 35 41.9 | 23 n 07.8 | 25 n 34.5 | 19 n 29.5 | 23 n 26.6 | 12 n 47.5 | 22 s 19.2 | 11 n 26.7 | 03 s 38.0 | 13 s 51.5 | 17 s 03.7 | 15 s 03.4 |

# JULHO DE 2008

## Longitude dos Astros

Tropical Ephemeris - terΨa-feira, 01 jul 2008 at noon, Greenwich  SVP = 05♓08.30  True Ayanamsa = 23d 58m 41s
Julian Day = 2454649.0  Geocentric - An '!' symbol instead of a '.' denotes a Rx planet.

| Long. | Sidereal Time | Sun | Moon | Mercury | Venus | Mars | Jupiter | Saturn | Uranus | Neptune | Pluto | N. Node |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | h m s | ° ′ | ° ′ | ° ′ | ° ′ | ° ′ | ° ′ | ° ′ | ° ′ | ° ′ | ° ′ | ° ′ |
| 01 jul | 6 39 38.4 | 10♋00.9 | 17♊30.0 | 18♊27.6 | 16♋08.2 | 29♌53.5 | 18♑28!2 | 04♏33.5 | 22♐38!9 | 23♓55!5 | 29♑33!3 | 19♓07!9 |
| 02 jul | 6 43 35.0 | 10♋58.1 | 02♋35.2 | 19♊24.4 | 17♋22.0 | 00♏29.2 | 18♑20!6 | 04♏38.9 | 22♐38!7 | 23♓54!5 | 29♑31!8 | 19♓02!5 |
| 03 jul | 6 47 31.5 | 11♋55.3 | 17♋33.5 | 20♊25.5 | 18♋35.8 | 01♏05.0 | 18♑13!0 | 04♏44.4 | 22♐38!4 | 23♓53!4 | 29♑30!3 | 18♓58!3 |
| 04 jul | 6 51 28.1 | 12♋52.6 | 02♌16.4 | 21♊30.8 | 19♋49.5 | 01♏40.8 | 18♑05!4 | 04♏50.0 | 22♐38!0 | 23♓52!3 | 29♑28!8 | 18♓55!6 |
| 05 jul | 6 55 24.6 | 13♋49.8 | 16♌37.2 | 22♊40.3 | 21♋03.3 | 02♏16.7 | 17♑57!7 | 04♏55.6 | 22♐37!7 | 23♓51!1 | 29♑27!3 | 18♓54!6 |
| 06 jul | 6 59 21.2 | 14♋47.0 | 00♏32.1 | 23♊53.9 | 22♋17.0 | 02♏52.6 | 17♑50!0 | 05♏01.3 | 22♐37!2 | 23♓50!0 | 29♑25!8 | 18♓55.0 |
| 07 jul | 7 3 17.7 | 15♋44.2 | 14♏00.4 | 25♊11.6 | 23♋30.8 | 03♏28.6 | 17♑42!3 | 05♏07.0 | 22♐36!7 | 23♓48!8 | 29♑24!3 | 18♓56.3 |
| 08 jul | 7 7 14.3 | 16♋41.4 | 27♏03.2 | 26♊33.2 | 24♋44.5 | 04♏04.7 | 17♑34!6 | 05♏12.9 | 22♐36!2 | 23♓47!6 | 29♑22!8 | 18♓57.9 |
| 09 jul | 7 11 10.9 | 17♋38.7 | 09♐43.7 | 27♊58.8 | 25♋58.3 | 04♏40.7 | 17♑26!9 | 05♏18.7 | 22♐35!6 | 23♓46!4 | 29♑21!4 | 18♓59.0 |
| 10 jul | 7 15 7.4 | 18♋35.9 | 22♐05.9 | 29♊28.3 | 27♋12.1 | 05♏16.9 | 17♑19!2 | 05♏24.7 | 22♐35!0 | 23♓45!1 | 29♑19!9 | 18♓59!2 |
| 11 jul | 7 19 4.0 | 19♋33.1 | 04♑14.2 | 01♋01.5 | 28♋25.8 | 05♏53.1 | 17♑11!5 | 05♏30.6 | 22♐34!4 | 23♓43!8 | 29♑18!5 | 18♓58!2 |
| 12 jul | 7 23 0.5 | 20♋30.3 | 16♑12.9 | 02♋38.4 | 29♋39.6 | 06♏29.3 | 17♑03!8 | 05♏36.7 | 22♐33!7 | 23♓42!6 | 29♑17!0 | 18♓55!9 |
| 13 jul | 7 26 57.1 | 21♋27.5 | 28♑06.4 | 04♋19.0 | 00♌53.3 | 07♏05.6 | 16♑56!1 | 05♏42.8 | 22♐32!9 | 23♓41!3 | 29♑15!6 | 18♓52!5 |
| 14 jul | 7 30 53.6 | 22♋24.7 | 09♑58.4 | 06♋03.0 | 02♌07.1 | 07♏41.9 | 16♑48!4 | 05♏48.9 | 22♐32!1 | 23♓39!9 | 29♑14!2 | 18♓48!4 |
| 15 jul | 7 34 50.2 | 23♋21.9 | 21♑52.0 | 07♋50.3 | 03♌20.8 | 08♏18.3 | 16♑40!8 | 05♏55.1 | 22♐31!3 | 23♓38!6 | 29♑12!8 | 18♓44!1 |
| 16 jul | 7 38 46.7 | 24♋19.1 | 03♒50.0 | 09♋40.8 | 04♌34.6 | 08♏54.7 | 16♑33!2 | 06♏01.4 | 22♐30!4 | 23♓37!2 | 29♑11!5 | 18♓40!1 |
| 17 jul | 7 42 43.3 | 25♋16.4 | 15♒54.5 | 11♋34.1 | 05♌48.3 | 09♏31.2 | 16♑25!6 | 06♏07.7 | 22♐29!4 | 23♓35!9 | 29♑10!1 | 18♓36!7 |
| 18 jul | 7 46 39.9 | 26♋13.6 | 28♒07.2 | 13♋30.2 | 07♌02.1 | 10♏07.7 | 16♑18!1 | 06♏14.1 | 22♐28!5 | 23♓34!5 | 29♑08!8 | 18♓34!4 |
| 19 jul | 7 50 36.4 | 27♋10.8 | 10♓29.6 | 15♋28.7 | 08♌15.8 | 10♏44.3 | 16♑10!6 | 06♏20.5 | 22♐27!4 | 23♓33!1 | 29♑07!4 | 18♓33!2 |
| 20 jul | 7 54 33.0 | 28♋08.1 | 23♓02.9 | 17♋29.4 | 09♌29.6 | 11♏20.9 | 16♑03!2 | 06♏26.9 | 22♐26!4 | 23♓31!6 | 29♑06!1 | 18♓33.0 |
| 21 jul | 7 58 29.5 | 29♋05.3 | 05♈48.4 | 19♋31.9 | 10♌43.3 | 11♏57.6 | 15♑55!9 | 06♏33.4 | 22♐25!3 | 23♓30!2 | 29♑04!8 | 18♓33.7 |
| 22 jul | 8 2 26.1 | 00♌02.6 | 18♈47.3 | 21♋35.9 | 11♌57.1 | 12♏34.3 | 15♑48!6 | 06♏40.0 | 22♐24!1 | 23♓28!7 | 29♑03!6 | 18♓35.0 |
| 23 jul | 8 6 22.6 | 00♌59.9 | 02♉01.0 | 23♋41.2 | 13♌10.9 | 13♏11.1 | 15♑41!3 | 06♏46.5 | 22♐22!9 | 23♓27!3 | 29♑02!3 | 18♓36.3 |
| 24 jul | 8 10 19.2 | 01♌57.2 | 15♉30.7 | 25♋47.3 | 14♌24.6 | 13♏47.9 | 15♑34!2 | 06♏53.2 | 22♐21!7 | 23♓25!8 | 29♑01!0 | 18♓37.4 |
| 25 jul | 8 14 15.7 | 02♌54.5 | 29♉17.0 | 27♋54.0 | 15♌38.4 | 14♏24.8 | 15♑27!1 | 06♏59.9 | 22♐20!4 | 23♓24!3 | 28♑59!8 | 18♓37.9 |
| 26 jul | 8 18 12.3 | 03♌51.8 | 13♊20.0 | 00♌01.0 | 16♌52.1 | 15♏01.7 | 15♑20!1 | 07♏06.6 | 22♐19!1 | 23♓22!8 | 28♑58!6 | 18♓37!7 |
| 27 jul | 8 22 8.9 | 04♌49.1 | 27♊38.5 | 02♌08.0 | 18♌05.9 | 15♏38.7 | 15♑13!2 | 07♏13.3 | 22♐17!8 | 23♓21!3 | 28♑57!4 | 18♓36!9 |
| 28 jul | 8 26 5.4 | 05♌46.5 | 12♋09.7 | 04♌14.7 | 19♌19.7 | 16♏15.7 | 15♑06!4 | 07♏20.2 | 22♐16!4 | 23♓19!7 | 28♑56!2 | 18♓35!7 |
| 29 jul | 8 30 2.0 | 06♌43.9 | 26♋49.2 | 06♌20.9 | 20♌33.4 | 16♏52.8 | 14♑59!7 | 07♏27.0 | 22♐14!9 | 23♓18!2 | 28♑55!1 | 18♓34!3 |
| 30 jul | 8 33 58.5 | 07♌41.3 | 11♌31.1 | 08♌26.4 | 21♌47.2 | 17♏29.9 | 14♑53!1 | 07♏33.9 | 22♐13!5 | 23♓16!6 | 28♑54!0 | 18♓33!0 |
| 31 jul | 8 37 55.1 | 08♌38.7 | 26♋08.9 | 10♌30.9 | 23♌01.0 | 18♏07.1 | 14♑46!6 | 07♏40.8 | 22♐12!0 | 23♓15!1 | 28♑52!9 | 18♓32!0 |

## Declinação dos Astros

Tropical Ephemeris - terΨa-feira, 01 jul 2008 at noon, Greenwich  SVP = 05♓08.30  True Ayanamsa = 23d 58m 41s
Julian Day = 2454649.0  Geocentric - An '!' symbol instead of a '.' denotes a Rx planet.

| Decl. | Sidereal Time | Sun | Moon | Mercury | Venus | Mars | Jupiter | Saturn | Uranus | Neptune | Pluto | N. Node |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | h m s | ° ′ | ° ′ | ° ′ | ° ′ | ° ′ | ° ′ | ° ′ | ° ′ | ° ′ | ° ′ | ° ′ |
| 01 jul | 6 39 38.4 | 23 n 03.7 | 27 n 22.6 | 19 n 44.3 | 23 n 20.0 | 12 n 34.4 | 22 s 20.4 | 11 n 24.6 | 03 s 38.1 | 13 s 51.9 | 17 s 03.8 | 15 s 05.2 |
| 02 jul | 6 43 35.0 | 22 n 59.2 | 27 n 09.9 | 19 n 59.7 | 23 n 12.7 | 12 n 21.1 | 22 s 21.6 | 11 n 22.6 | 03 s 38.2 | 13 s 52.2 | 17 s 04.0 | 15 s 06.9 |
| 03 jul | 6 47 31.5 | 22 n 54.3 | 24 n 58.0 | 20 n 15.5 | 23 n 04.7 | 12 n 07.8 | 22 s 22.8 | 11 n 20.5 | 03 s 38.4 | 13 s 52.6 | 17 s 04.1 | 15 s 08.2 |
| 04 jul | 6 51 28.1 | 22 n 49.0 | 21 n 06.3 | 20 n 31.5 | 22 n 56.0 | 11 n 54.4 | 22 s 23.9 | 11 n 18.4 | 03 s 38.5 | 13 s 53.0 | 17 s 04.2 | 15 s 09.0 |
| 05 jul | 6 55 24.6 | 22 n 43.3 | 16 n 03.3 | 20 n 47.6 | 22 n 46.7 | 11 n 41.0 | 22 s 25.1 | 11 n 16.2 | 03 s 38.7 | 13 s 53.4 | 17 s 04.4 | 15 s 09.3 |
| 06 jul | 6 59 21.2 | 22 n 37.2 | 10 n 18.0 | 21 n 03.7 | 22 n 36.7 | 11 n 27.4 | 22 s 26.3 | 11 n 14.1 | 03 s 38.9 | 13 s 53.8 | 17 s 04.5 | 15 s 09.2 |
| 07 jul | 7 3 17.7 | 22 n 30.7 | 04 n 15.0 | 21 n 19.4 | 22 n 26.0 | 11 n 13.8 | 22 s 27.4 | 11 n 11.9 | 03 s 39.1 | 13 s 54.2 | 17 s 04.7 | 15 s 08.8 |
| 08 jul | 7 7 14.3 | 22 n 23.8 | 01 s 47.0 | 21 n 34.8 | 22 n 14.6 | 11 n 00.1 | 22 s 28.6 | 11 n 09.7 | 03 s 39.4 | 13 s 54.6 | 17 s 04.9 | 15 s 08.3 |
| 09 jul | 7 11 10.9 | 22 n 16.6 | 07 s 34.1 | 21 n 49.5 | 22 n 02.7 | 10 n 46.3 | 22 s 29.7 | 11 n 07.5 | 03 s 39.6 | 13 s 55.0 | 17 s 05.0 | 15 s 08.0 |
| 10 jul | 7 15 7.4 | 22 n 08.9 | 12 s 55.1 | 22 n 03.4 | 21 n 50.1 | 10 n 32.5 | 22 s 30.8 | 11 n 05.2 | 03 s 39.9 | 13 s 55.5 | 17 s 05.2 | 15 s 07.9 |
| 11 jul | 7 19 4.0 | 22 n 00.9 | 17 s 40.3 | 22 n 16.3 | 21 n 36.8 | 10 n 18.6 | 22 s 32.0 | 11 n 03.0 | 03 s 40.2 | 13 s 55.9 | 17 s 05.4 | 15 s 08.2 |
| 12 jul | 7 23 0.5 | 21 n 52.5 | 21 s 40.2 | 22 n 28.0 | 21 n 22.9 | 10 n 04.6 | 22 s 33.1 | 11 n 00.7 | 03 s 40.5 | 13 s 56.3 | 17 s 05.5 | 15 s 09.0 |
| 13 jul | 7 26 57.1 | 21 n 43.7 | 24 s 45.0 | 22 n 38.3 | 21 n 08.5 | 09 n 50.5 | 22 s 34.2 | 10 n 58.4 | 03 s 40.9 | 13 s 56.8 | 17 s 05.7 | 15 s 10.0 |
| 14 jul | 7 30 53.6 | 21 n 34.6 | 26 s 45.4 | 22 n 47.0 | 20 n 53.4 | 09 n 36.4 | 22 s 35.3 | 10 n 56.1 | 03 s 41.2 | 13 s 57.2 | 17 s 05.9 | 15 s 11.3 |
| 15 jul | 7 34 50.2 | 21 n 25.1 | 27 s 33.3 | 22 n 54.0 | 20 n 37.7 | 09 n 22.2 | 22 s 36.4 | 10 n 53.7 | 03 s 41.6 | 13 s 57.7 | 17 s 06.1 | 15 s 12.6 |
| 16 jul | 7 38 46.7 | 21 n 15.2 | 27 s 04.2 | 22 n 58.9 | 20 n 21.4 | 09 n 08.0 | 22 s 37.4 | 10 n 51.4 | 03 s 42.0 | 13 s 58.2 | 17 s 06.2 | 15 s 13.8 |
| 17 jul | 7 42 43.3 | 21 n 05.0 | 25 s 18.2 | 23 n 01.7 | 20 n 04.6 | 08 n 53.7 | 22 s 38.5 | 10 n 49.0 | 03 s 42.4 | 13 s 58.6 | 17 s 06.4 | 15 s 14.9 |
| 18 jul | 7 46 39.9 | 20 n 54.4 | 22 s 20.1 | 23 n 02.2 | 19 n 47.2 | 08 n 39.3 | 22 s 39.5 | 10 n 46.6 | 03 s 42.8 | 13 s 59.1 | 17 s 06.6 | 15 s 15.6 |
| 19 jul | 7 50 36.4 | 20 n 43.4 | 18 s 19.1 | 23 n 00.2 | 19 n 29.2 | 08 n 24.9 | 22 s 40.6 | 10 n 44.2 | 03 s 43.2 | 13 s 59.6 | 17 s 06.8 | 15 s 16.0 |
| 20 jul | 7 54 33.0 | 20 n 32.1 | 13 s 26.7 | 22 n 55.7 | 19 n 10.7 | 08 n 10.3 | 22 s 41.6 | 10 n 41.8 | 03 s 43.7 | 14 s 00.1 | 17 s 07.0 | 15 s 16.0 |
| 21 jul | 7 58 29.5 | 20 n 20.5 | 07 s 55.8 | 22 n 48.6 | 18 n 51.6 | 07 n 55.8 | 22 s 42.6 | 10 n 39.3 | 03 s 44.1 | 14 s 00.6 | 17 s 07.2 | 15 s 15.8 |
| 22 jul | 8 2 26.1 | 20 n 08.5 | 01 s 59.7 | 22 n 38.8 | 18 n 32.1 | 07 n 41.2 | 22 s 43.6 | 10 n 36.8 | 03 s 44.6 | 14 s 01.1 | 17 s 07.4 | 15 s 15.4 |
| 23 jul | 8 6 22.6 | 19 n 56.2 | 04 n 07.5 | 22 n 26.3 | 18 n 12.0 | 07 n 26.5 | 22 s 44.5 | 10 n 34.4 | 03 s 45.1 | 14 s 01.6 | 17 s 07.6 | 15 s 15.0 |
| 24 jul | 8 10 19.2 | 19 n 43.6 | 10 n 10.5 | 22 n 11.1 | 17 n 51.4 | 07 n 11.8 | 22 s 45.5 | 10 n 31.9 | 03 s 45.6 | 14 s 02.1 | 17 s 07.8 | 15 s 14.7 |
| 25 jul | 8 14 15.7 | 19 n 30.6 | 15 n 51.7 | 21 n 53.2 | 17 n 30.3 | 06 n 57.0 | 22 s 46.4 | 10 n 29.3 | 03 s 46.1 | 14 s 02.6 | 17 s 08.0 | 15 s 14.5 |
| 26 jul | 8 18 12.3 | 19 n 17.3 | 20 n 50.1 | 21 n 32.8 | 17 n 08.7 | 06 n 42.1 | 22 s 47.4 | 10 n 26.8 | 03 s 46.7 | 14 s 03.1 | 17 s 08.2 | 15 s 14.6 |
| 27 jul | 8 22 8.9 | 19 n 03.7 | 24 n 41.7 | 21 n 09.9 | 16 n 46.7 | 06 n 27.2 | 22 s 48.3 | 10 n 24.3 | 03 s 47.3 | 14 s 03.6 | 17 s 08.4 | 15 s 14.8 |
| 28 jul | 8 26 5.4 | 18 n 49.7 | 27 n 02.1 | 20 n 44.7 | 16 n 24.2 | 06 n 12.3 | 22 s 49.2 | 10 n 21.7 | 03 s 47.8 | 14 s 04.1 | 17 s 08.7 | 15 s 15.2 |
| 29 jul | 8 30 2.0 | 18 n 35.5 | 27 n 32.5 | 20 n 17.3 | 16 n 01.3 | 05 n 57.3 | 22 s 50.0 | 10 n 19.1 | 03 s 48.4 | 14 s 04.6 | 17 s 08.9 | 15 s 15.6 |
| 30 jul | 8 33 58.5 | 18 n 20.9 | 26 n 06.4 | 19 n 47.9 | 15 n 37.9 | 05 n 42.2 | 22 s 50.9 | 10 n 16.5 | 03 s 49.0 | 14 s 05.2 | 17 s 09.1 | 15 s 16.0 |
| 31 jul | 8 37 55.1 | 18 n 06.0 | 22 n 53.8 | 19 n 16.5 | 15 n 14.1 | 05 n 27.1 | 22 s 51.7 | 10 n 13.9 | 03 s 49.6 | 14 s 05.7 | 17 s 09.3 | 15 s 16.3 |

# AGOSTO DE 2008

## Longitude dos Astros

Tropical Ephemeris - sexta-feira, 01 ago 2008 at noon, Greenwich  SVP = 05♓08'22  True Ayanamsa = 23d 58m 46s
Julian Day = 2454680.0  Geocentric - An '!' symbol instead of a '.' denotes a Rx planet.

| Long. | Sidereal Time | Sun | Moon | Mercury | Venus | Mars | Jupiter | Saturn | Uranus | Neptune | Pluto | N. Node |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | h m s | ° ' | ° ' | ° ' | ° ' | ° ' | ° ' | ° ' | ° ' | ° ' | ° ' | ° ' |
| 01 ago | 8 41 51.6 | 09♌36.1 | 10♌36.0 | 12♌34.5 | 24♌14.8 | 18♑44.4 | 14♑40!2 | 07♑47.8 | 22♓10!4 | 23♒13!5 | 28♐51!8 | 18♒31!5 |
| 02 ago | 8 45 48.2 | 10♌33.5 | 24♌46.7 | 14♌36.8 | 25♌28.5 | 19♑21.7 | 14♑33!9 | 07♑54.8 | 22♓08!9 | 23♒11!9 | 28♐50!7 | 18♒31.5 |
| 03 ago | 8 49 44.7 | 11♌31.0 | 08♑36.9 | 16♌37.9 | 26♌42.3 | 19♑59.0 | 14♑27!8 | 08♑01.8 | 22♓07!2 | 23♒10!3 | 28♐49!7 | 18♒31.8 |
| 04 ago | 8 53 41.3 | 12♌28.5 | 22♑04.4 | 18♌37.7 | 27♌56.1 | 20♑36.4 | 14♑21!8 | 08♑08.8 | 22♓05!6 | 23♒08!7 | 28♐48!7 | 18♒32.4 |
| 05 ago | 8 57 37.8 | 13♌25.9 | 05♎09.1 | 20♌36.0 | 29♌09.8 | 21♑13.8 | 14♑15!9 | 08♑15.9 | 22♓03!9 | 23♒07!1 | 28♐47!7 | 18♒32.9 |
| 06 ago | 9 1 34.4 | 14♌23.4 | 17♎52.4 | 22♌32.9 | 00♑23.6 | 21♑51.3 | 14♑10!1 | 08♑23.0 | 22♓02!2 | 23♒05!5 | 28♐46!7 | 18♒33.4 |
| 07 ago | 9 5 31.0 | 15♌20.9 | 00♑17.3 | 24♌28.2 | 01♑37.3 | 22♑28.9 | 14♑04!5 | 08♑30.2 | 22♓00!4 | 23♒03!9 | 28♐45!7 | 18♒33.7 |
| 08 ago | 9 9 27.5 | 16♌18.4 | 12♑27.4 | 26♌22.1 | 02♑51.1 | 23♑06.5 | 13♑59!0 | 08♑37.4 | 21♓58!6 | 23♒02!3 | 28♐44!8 | 18♒33.8 |
| 09 ago | 9 13 24.1 | 17♌16.0 | 24♑27.2 | 28♌14.5 | 04♑04.8 | 23♑44.1 | 13♑53!6 | 08♑44.6 | 21♓56!8 | 23♒00!7 | 28♐43!9 | 18♒33!8 |
| 10 ago | 9 17 20.6 | 18♌13.5 | 06♐21.1 | 00♑05.3 | 05♑18.5 | 24♑21.8 | 13♑48!4 | 08♑51.8 | 21♓55!0 | 22♒59!0 | 28♐43!0 | 18♒33!7 |
| 11 ago | 9 21 17.2 | 19♌11.1 | 18♐13.6 | 01♑54.6 | 06♑32.3 | 24♑59.5 | 13♑43!4 | 08♑59.1 | 21♓53!1 | 22♒57!4 | 28♐42!2 | 18♒33.7 |
| 12 ago | 9 25 13.7 | 20♌08.6 | 00♑09.0 | 03♑42.4 | 07♑46.0 | 25♑37.3 | 13♑38!5 | 09♑06.4 | 21♓51!2 | 22♒55!8 | 28♐41!4 | 18♒33.9 |
| 13 ago | 9 29 10.3 | 21♌06.2 | 12♑11.0 | 05♑28.7 | 08♑59.7 | 26♑15.1 | 13♑33!8 | 09♑13.7 | 21♓49!2 | 22♒54!1 | 28♐40!6 | 18♒34.1 |
| 14 ago | 9 33 6.8 | 22♌03.8 | 24♑22.7 | 07♑13.4 | 10♑13.4 | 26♑53.0 | 13♑29!2 | 09♑21.0 | 21♓47!3 | 22♒52!5 | 28♐39!8 | 18♒34.4 |
| 15 ago | 9 37 3.4 | 23♌01.5 | 06♒46.7 | 08♑56.7 | 11♑27.1 | 27♑30.9 | 13♑24!8 | 09♑28.3 | 21♓45!3 | 22♒50!9 | 28♐39!1 | 18♒34.7 |
| 16 ago | 9 40 60.0 | 23♌59.1 | 19♒24.6 | 10♑38.6 | 12♑40.8 | 28♑08.9 | 13♑20!5 | 09♑35.7 | 21♓43!3 | 22♒49!2 | 28♐38!3 | 18♒34!8 |
| 17 ago | 9 44 56.5 | 24♌56.8 | 02♓17.3 | 12♑18.9 | 13♑54.5 | 28♑46.9 | 13♑16!5 | 09♑43.1 | 21♓41!2 | 22♒47!6 | 28♐37!6 | 18♒34!6 |
| 18 ago | 9 48 53.1 | 25♌54.5 | 15♓24.9 | 13♑57.8 | 15♑08.1 | 29♑25.0 | 13♑12!5 | 09♑50.5 | 21♓39!2 | 22♒46!0 | 28♐37!0 | 18♒34!1 |
| 19 ago | 9 52 49.6 | 26♌52.2 | 28♓47.0 | 15♑35.3 | 16♑21.8 | 00♒03.1 | 13♑08!8 | 09♑57.9 | 21♓37!1 | 22♒44!3 | 28♐36!3 | 18♒33!3 |
| 20 ago | 9 56 46.2 | 27♌49.9 | 12♈22.4 | 17♑11.3 | 17♑35.5 | 00♒41.3 | 13♑05!2 | 10♑05.4 | 21♓34!9 | 22♒42!7 | 28♐35!7 | 18♒32!2 |
| 21 ago | 10 0 42.7 | 28♌47.7 | 26♈09.6 | 18♑46.0 | 18♑49.1 | 01♒19.5 | 13♑01!8 | 10♑12.8 | 21♓32!8 | 22♒41!1 | 28♐35!1 | 18♒31!0 |
| 22 ago | 10 4 39.3 | 29♌45.5 | 10♉07.0 | 20♑19.2 | 20♑02.8 | 01♒57.7 | 12♑58!6 | 10♑20.3 | 21♓30!6 | 22♒39!4 | 28♐34!6 | 18♒30!1 |
| 23 ago | 10 8 35.8 | 00♍43.3 | 24♉12.7 | 21♑51.0 | 21♑16.4 | 02♒36.1 | 12♑55!5 | 10♑27.8 | 21♓28!5 | 22♒37!8 | 28♐34!1 | 18♒29!5 |
| 24 ago | 10 12 32.4 | 01♍41.1 | 08♊24.5 | 23♑21.3 | 22♑30.0 | 03♒14.4 | 12♑52!6 | 10♑35.3 | 21♓26!3 | 22♒36!2 | 28♐33!6 | 18♒29.5 |
| 25 ago | 10 16 29.0 | 02♍39.0 | 22♊40.4 | 24♑50.3 | 23♑43.7 | 03♒52.9 | 12♑50!0 | 10♑42.8 | 21♓24!0 | 22♒34!6 | 28♐33!1 | 18♒30.1 |
| 26 ago | 10 20 25.5 | 03♍36.9 | 06♋57.5 | 26♑17.8 | 24♑57.3 | 04♒31.4 | 12♑47!4 | 10♑50.3 | 21♓21!8 | 22♒33!0 | 28♐32!7 | 18♒31.1 |
| 27 ago | 10 24 22.1 | 04♍34.9 | 21♋13.1 | 27♑43.9 | 26♑10.9 | 05♒09.9 | 12♑45!1 | 10♑57.8 | 21♓19!5 | 22♒31!4 | 28♐32!3 | 18♒32.3 |
| 28 ago | 10 28 18.6 | 05♍32.8 | 05♌23.7 | 29♑08.5 | 27♑24.5 | 05♒48.5 | 12♑43!0 | 11♑05.4 | 21♓17!3 | 22♒29!8 | 28♐31!9 | 18♒33.2 |
| 29 ago | 10 32 15.2 | 06♍30.8 | 19♌25.7 | 00♒31.6 | 28♑38.2 | 06♒27.1 | 12♑41!0 | 11♑12.9 | 21♓15!0 | 22♒28!2 | 28♐31!5 | 18♒33!5 |
| 30 ago | 10 36 11.7 | 07♍28.9 | 03♑15.8 | 01♒53.2 | 29♑51.8 | 07♒05.8 | 12♑39!3 | 11♑20.5 | 21♓12!7 | 22♒26!7 | 28♐31!2 | 18♒33!0 |
| 31 ago | 10 40 8.3 | 08♍26.9 | 16♑50.8 | 03♒13.2 | 01♒05.3 | 07♒44.6 | 12♑37!7 | 11♑28.0 | 21♓10!4 | 22♒25!1 | 28♐30!9 | 18♒31!5 |

## Declinação dos Astros

Tropical Ephemeris - sexta-feira, 01 ago 2008 at noon, Greenwich  SVP = 05♓08'22  True Ayanamsa = 23d 58m 46s
Julian Day = 2454680.0  Geocentric - An '!' symbol instead of a '.' denotes a Rx planet.

| Decl. | Sidereal Time | Sun | Moon | Mercury | Venus | Mars | Jupiter | Saturn | Uranus | Neptune | Pluto | N. Node |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | h m s | ° ' | ° ' | ° ' | ° ' | ° ' | ° ' | ° ' | ° ' | ° ' | ° ' | ° ' |
| 01 ago | 8 41 51.6 | 17 n50.9 | 18 n16.9 | 18 n43.4 | 14 n49.9 | 05 n12.0 | 22 s52.5 | 10 n11.3 | 03 s50.3 | 14 s06.2 | 17 s09.6 | 15 s16.5 |
| 02 ago | 8 45 48.2 | 17 n35.4 | 12 n43.2 | 18 n08.6 | 14 n25.3 | 04 n56.8 | 22 s53.3 | 10 n08.7 | 03 s50.9 | 14 s06.7 | 17 s09.8 | 15 s16.5 |
| 03 ago | 8 49 44.7 | 17 n19.7 | 06 n39.3 | 17 n32.5 | 14 n00.3 | 04 n41.5 | 22 s54.1 | 10 n06.0 | 03 s51.6 | 14 s07.3 | 17 s10.0 | 15 s16.4 |
| 04 ago | 8 53 41.3 | 17 n03.7 | 00 n27.5 | 16 n55.0 | 13 n35.0 | 04 n26.3 | 22 s54.9 | 10 n03.4 | 03 s52.3 | 14 s07.8 | 17 s10.3 | 15 s16.2 |
| 05 ago | 8 57 37.8 | 16 n47.4 | 05 s34.4 | 16 n16.4 | 13 n09.3 | 04 n11.0 | 22 s55.6 | 10 n00.7 | 03 s53.0 | 14 s08.4 | 17 s10.5 | 15 s16.1 |
| 06 ago | 9 1 34.4 | 16 n30.9 | 11 s12.7 | 15 n36.7 | 12 n43.2 | 03 n55.6 | 22 s56.3 | 09 n58.0 | 03 s53.7 | 14 s08.9 | 17 s10.7 | 15 s15.9 |
| 07 ago | 9 5 31.0 | 16 n14.0 | 16 s15.9 | 14 n56.2 | 12 n16.8 | 03 n40.2 | 22 s57.0 | 09 n55.3 | 03 s54.4 | 14 s09.4 | 17 s11.0 | 15 s15.8 |
| 08 ago | 9 9 27.5 | 15 n57.0 | 20 s34.3 | 14 n14.9 | 11 n50.1 | 03 n24.8 | 22 s57.7 | 09 n52.6 | 03 s55.1 | 14 s10.0 | 17 s11.2 | 15 s15.8 |
| 09 ago | 9 13 24.1 | 15 n39.6 | 23 s58.4 | 13 n32.9 | 11 n23.0 | 03 n09.3 | 22 s58.4 | 09 n49.9 | 03 s55.8 | 14 s10.5 | 17 s11.5 | 15 s15.8 |
| 10 ago | 9 17 20.6 | 15 n22.0 | 26 s19.4 | 12 n50.3 | 10 n55.7 | 02 n53.8 | 22 s59.0 | 09 n47.2 | 03 s56.6 | 14 s11.1 | 17 s11.7 | 15 s15.8 |
| 11 ago | 9 21 17.2 | 15 n04.2 | 27 s29.6 | 12 n07.3 | 10 n28.1 | 02 n38.3 | 22 s59.6 | 09 n44.5 | 03 s57.4 | 14 s11.6 | 17 s12.0 | 15 s15.8 |
| 12 ago | 9 25 13.7 | 14 n46.2 | 27 s23.7 | 11 n23.8 | 10 n00.2 | 02 n22.7 | 23 s00.2 | 09 n41.7 | 03 s58.1 | 14 s12.2 | 17 s12.2 | 15 s15.8 |
| 13 ago | 9 29 10.3 | 14 n27.9 | 26 s00.4 | 10 n40.1 | 09 n32.1 | 02 n07.2 | 23 s00.8 | 09 n39.0 | 03 s58.9 | 14 s12.7 | 17 s12.5 | 15 s15.7 |
| 14 ago | 9 33 6.8 | 14 n09.3 | 23 s22.7 | 09 n56.1 | 09 n03.7 | 01 n51.6 | 23 s01.4 | 09 n36.2 | 03 s59.7 | 14 s13.3 | 17 s12.7 | 15 s15.6 |
| 15 ago | 9 37 3.4 | 13 n50.6 | 19 s37.6 | 09 n12.0 | 08 n35.0 | 01 n35.9 | 23 s01.9 | 09 n33.5 | 04 s00.5 | 14 s13.8 | 17 s13.0 | 15 s15.5 |
| 16 ago | 9 40 60.0 | 13 n31.6 | 14 s55.6 | 08 n27.8 | 08 n06.1 | 01 n20.3 | 23 s02.5 | 09 n30.7 | 04 s01.3 | 14 s14.3 | 17 s13.3 | 15 s15.5 |
| 17 ago | 9 44 56.5 | 13 n12.4 | 09 s29.4 | 07 n43.5 | 07 n37.1 | 01 n04.6 | 23 s03.0 | 09 n27.9 | 04 s02.1 | 14 s14.9 | 17 s13.5 | 15 s15.5 |
| 18 ago | 9 48 53.1 | 12 n53.0 | 03 s32.8 | 06 n59.2 | 07 n07.8 | 00 n48.9 | 23 s03.4 | 09 n25.1 | 04 s03.0 | 14 s15.4 | 17 s13.8 | 15 s15.7 |
| 19 ago | 9 52 49.6 | 12 n33.4 | 02 n38.7 | 06 n15.1 | 06 n38.3 | 00 n33.1 | 23 s03.9 | 09 n22.3 | 04 s03.8 | 14 s16.0 | 17 s14.1 | 15 s16.0 |
| 20 ago | 9 56 46.2 | 12 n13.6 | 08 n48.5 | 05 n31.0 | 06 n08.6 | 00 n17.4 | 23 s04.3 | 09 n19.6 | 04 s04.7 | 14 s16.5 | 17 s14.3 | 15 s16.3 |
| 21 ago | 10 0 42.7 | 11 n53.6 | 14 n38.3 | 04 n47.1 | 05 n38.8 | 00 n01.6 | 23 s04.8 | 09 n16.7 | 04 s05.5 | 14 s17.1 | 17 s14.6 | 15 s16.7 |
| 22 ago | 10 4 39.3 | 11 n33.5 | 19 n47.5 | 04 n03.5 | 05 n08.8 | 00 s14.1 | 23 s05.2 | 09 n13.9 | 04 s06.4 | 14 s17.6 | 17 s14.9 | 15 s16.9 |
| 23 ago | 10 8 35.8 | 11 n13.1 | 23 n54.1 | 03 n20.1 | 04 n38.7 | 00 s29.9 | 23 s05.6 | 09 n11.1 | 04 s07.3 | 14 s18.1 | 17 s15.2 | 15 s17.1 |
| 24 ago | 10 12 32.4 | 10 n52.5 | 26 n36.0 | 02 n36.9 | 04 n08.5 | 00 s45.7 | 23 s05.9 | 09 n08.3 | 04 s08.1 | 14 s18.7 | 17 s15.4 | 15 s17.1 |
| 25 ago | 10 16 29.0 | 10 n31.8 | 27 n35.6 | 01 n54.2 | 03 n38.1 | 01 s01.6 | 23 s06.3 | 09 n05.5 | 04 s09.0 | 14 s19.2 | 17 s15.7 | 15 s16.9 |
| 26 ago | 10 20 25.5 | 10 n10.9 | 26 n45.1 | 01 n11.8 | 03 n07.6 | 01 s17.4 | 23 s06.6 | 09 n02.7 | 04 s09.9 | 14 s19.7 | 17 s16.0 | 15 s16.6 |
| 27 ago | 10 24 22.1 | 09 n49.9 | 24 n09.5 | 00 n29.8 | 02 n37.0 | 01 s33.2 | 23 s06.9 | 08 n59.8 | 04 s10.8 | 14 s20.3 | 17 s16.3 | 15 s16.3 |
| 28 ago | 10 28 18.6 | 09 n28.7 | 20 n05.2 | 00 s11.7 | 02 n06.3 | 01 s49.1 | 23 s07.2 | 08 n57.0 | 04 s11.7 | 14 s20.8 | 17 s16.6 | 15 s16.0 |
| 29 ago | 10 32 15.2 | 09 n07.3 | 14 n55.1 | 00 s52.7 | 01 n35.6 | 02 s04.9 | 23 s07.4 | 08 n54.2 | 04 s12.6 | 14 s21.3 | 17 s16.8 | 15 s15.9 |
| 30 ago | 10 36 11.7 | 08 n45.8 | 09 n03.8 | 01 s33.2 | 01 n04.8 | 02 s20.8 | 23 s07.7 | 08 n51.3 | 04 s13.6 | 14 s21.8 | 17 s17.1 | 15 s16.0 |
| 31 ago | 10 40 8.3 | 08 n24.1 | 02 n53.8 | 02 s13.0 | 00 n33.9 | 02 s36.7 | 23 s07.9 | 08 n48.5 | 04 s14.5 | 14 s22.4 | 17 s17.4 | 15 s16.5 |

# SETEMBRO DE 2008

## Longitude dos Astros

Tropical Ephemeris - segunda-feira, 01 set 2008 at noon, Greenwich  SVP = 05♓08.13  True Ayanamsa = 23d 58m 51s
Julian Day = 2454711.0  Geocentric - An '!' symbol instead of a '.' denotes a Rx planet.

| Long. | Sidereal Time | Sun | Moon | Mercury | Venus | Mars | Jupiter | Saturn | Uranus | Neptune | Pluto | N. Node |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | h m s | ° ′ | ° ′ | ° ′ | ° ′ | ° ′ | ° ′ | ° ′ | ° ′ | ° ′ | ° ′ | ° ′ |
| 01 set | 10 44 4.8 | 09♍25.0 | 00♎08.5 | 04♎31.6 | 02♎18.9 | 08♎23.4 | 12♑36!3 | 11♍35.6 | 21♓08!0 | 22♒23!6 | 28♐30!7 | 18♒29!0 |
| 02 set | 10 48 1.4 | 10♍23.1 | 13♎07.9 | 05♎48.4 | 03♎32.5 | 09♎02.2 | 12♑35!1 | 11♍43.2 | 21♓05!7 | 22♒22!0 | 28♐30!5 | 18♒25!8 |
| 03 set | 10 51 58.0 | 11♍21.2 | 25♎49.1 | 07♎03.4 | 04♎46.1 | 09♎41.1 | 12♑34!1 | 11♍50.7 | 21♓03!3 | 22♒20!5 | 28♐30!3 | 18♒22!3 |
| 04 set | 10 55 54.5 | 12♍19.4 | 08♍13.7 | 08♎16.7 | 05♎59.6 | 10♎20.0 | 12♑33!3 | 11♍58.3 | 21♓01!0 | 22♒19!0 | 28♐30!1 | 18♒18!9 |
| 05 set | 10 59 51.1 | 13♍17.6 | 20♍24.1 | 09♎28.1 | 07♎13.1 | 10♎59.0 | 12♑32!7 | 12♍05.8 | 20♓58!6 | 22♒17!5 | 28♐30!0 | 18♒16!2 |
| 06 set | 11 3 47.6 | 14♍15.8 | 02♐24.0 | 10♎37.6 | 08♎26.7 | 11♎38.1 | 12♑32!3 | 12♍13.4 | 20♓56!2 | 22♒16!0 | 28♐29!9 | 18♒14!4 |
| 07 set | 11 7 44.2 | 15♍14.0 | 14♐17.6 | 11♎45.1 | 09♎40.2 | 12♎17.2 | 12♑32!1 | 12♍21.0 | 20♓53!9 | 22♒14!5 | 28♐29!8 | 18♒13!7 |
| 08 set | 11 11 40.7 | 16♍12.2 | 26♐09.7 | 12♎50.4 | 10♎53.7 | 12♎56.3 | 12♑32.0 | 12♍28.5 | 20♓51!5 | 22♒13!0 | 28♐29!8 | 18♒14.2 |
| 09 set | 11 15 37.3 | 17♍10.5 | 08♑05.1 | 13♎53.5 | 12♎07.2 | 13♎35.5 | 12♑32.2 | 12♍36.1 | 20♓49!1 | 22♒11!6 | 28♐29.8 | 18♒15.5 |
| 10 set | 11 19 33.8 | 18♍08.8 | 20♑08.6 | 14♎54.1 | 13♎20.6 | 14♎14.8 | 12♑32.5 | 12♍43.6 | 20♓46!7 | 22♒10!1 | 28♐29.8 | 18♒17.2 |
| 11 set | 11 23 30.4 | 19♍07.2 | 02♒24.4 | 15♎52.2 | 14♎34.1 | 14♎54.1 | 12♑33.1 | 12♍51.2 | 20♓44!3 | 22♒08!7 | 28♐29.8 | 18♒18.8 |
| 12 set | 11 27 27.0 | 20♍05.5 | 14♒56.4 | 16♎47.6 | 15♎47.5 | 15♎33.5 | 12♑33.8 | 12♍58.7 | 20♓41!9 | 22♒07!3 | 28♐29.9 | 18♒19.7 |
| 13 set | 11 31 23.5 | 21♍03.9 | 27♒47.2 | 17♎40.1 | 17♎00.9 | 16♎12.9 | 12♑34.7 | 13♍06.2 | 20♓39!5 | 22♒05!9 | 28♐30.1 | 18♒19!3 |
| 14 set | 11 35 20.1 | 22♍02.3 | 10♓58.0 | 18♎29.4 | 18♎14.3 | 16♎52.3 | 12♑35.8 | 13♍13.7 | 20♓37!1 | 22♒04!6 | 28♐30.2 | 18♒17!4 |
| 15 set | 11 39 16.6 | 23♍00.8 | 24♓28.8 | 19♎15.4 | 19♎27.7 | 17♎31.8 | 12♑37.1 | 13♍21.2 | 20♓34!7 | 22♒03!2 | 28♐30.4 | 18♒14!0 |
| 16 set | 11 43 13.2 | 23♍59.2 | 08♈17.5 | 19♎57.8 | 20♎41.1 | 18♎11.4 | 12♑38.6 | 13♍28.7 | 20♓32!3 | 22♒01!9 | 28♐30.6 | 18♒09!1 |
| 17 set | 11 47 9.7 | 24♍57.8 | 22♈20.7 | 20♎36.4 | 21♎54.4 | 18♎51.0 | 12♑40.3 | 13♍36.2 | 20♓29!9 | 22♒00!6 | 28♐30.8 | 18♒03!5 |
| 18 set | 11 51 6.3 | 25♍56.3 | 06♉34.1 | 21♎10.7 | 23♎07.8 | 19♎30.6 | 12♑42.2 | 13♍43.6 | 20♓27!5 | 21♒59!3 | 28♐31.1 | 17♒57!7 |
| 19 set | 11 55 2.8 | 26♍54.9 | 20♉52.7 | 21♎40.6 | 24♎21.1 | 20♎10.3 | 12♑44.2 | 13♍51.1 | 20♓25!1 | 21♒58!0 | 28♐31.4 | 17♒52!7 |
| 20 set | 11 58 59.4 | 27♍53.5 | 05♊12.0 | 22♎05.6 | 25♎34.4 | 20♎50.1 | 12♑46.5 | 13♍58.5 | 20♓22!7 | 21♒56!7 | 28♐31.8 | 17♒49!0 |
| 21 set | 12 2 56.0 | 28♍52.2 | 19♊28.2 | 22♎25.5 | 26♎47.7 | 21♎29.9 | 12♑48.9 | 14♍05.9 | 20♓20!4 | 21♒55!5 | 28♐32.2 | 17♒47!0 |
| 22 set | 12 6 52.5 | 29♍50.8 | 03♋38.7 | 22♎39.7 | 28♎01.0 | 22♎09.8 | 12♑51.5 | 14♍13.3 | 20♓18!0 | 21♒54!3 | 28♐32.6 | 17♒46.7 |
| 23 set | 12 10 49.1 | 00♎49.6 | 17♋41.6 | 22♎48.1 | 29♎14.3 | 22♎49.7 | 12♑54.3 | 14♍20.7 | 20♓15!7 | 21♒53!1 | 28♐33.0 | 17♒47.6 |
| 24 set | 12 14 45.6 | 01♎48.3 | 01♌36.0 | 22♎50!0 | 00♏27.5 | 23♎29.7 | 12♑57.3 | 14♍28.0 | 20♓13!3 | 21♒51!9 | 28♐33.5 | 17♒48.9 |
| 25 set | 12 18 42.2 | 02♎47.2 | 15♌21.4 | 22♎45!3 | 01♏40.8 | 24♎09.8 | 13♑00.5 | 14♍35.3 | 20♓11!0 | 21♒50!8 | 28♐34.0 | 17♒49.7 |
| 26 set | 12 22 38.7 | 03♎46.0 | 28♌57.0 | 22♎33!6 | 02♏54.0 | 24♎49.8 | 13♑03.8 | 14♍42.6 | 20♓08!7 | 21♒49!7 | 28♐34.5 | 17♒49!1 |
| 27 set | 12 26 35.3 | 04♎44.9 | 12♍22.0 | 22♎14!5 | 04♏07.2 | 25♎30.0 | 13♑07.4 | 14♍49.9 | 20♓06!4 | 21♒48!6 | 28♐35.1 | 17♒46!6 |
| 28 set | 12 30 31.8 | 05♎43.8 | 25♍35.4 | 21♎48!0 | 05♏20.4 | 26♎10.2 | 13♑11.1 | 14♍57.2 | 20♓04!1 | 21♒47!5 | 28♐35.7 | 17♒41!7 |
| 29 set | 12 34 28.4 | 06♎42.7 | 08♎36.0 | 21♎14!0 | 06♏33.6 | 26♎50.5 | 13♑15.0 | 15♍04.4 | 20♓01!8 | 21♒46!4 | 28♐36.3 | 17♒34!7 |
| 30 set | 12 38 24.9 | 07♎41.7 | 21♎22.9 | 20♎32!5 | 07♏46.8 | 27♎30.8 | 13♑19.1 | 15♍11.6 | 19♓59!5 | 21♒45!4 | 28♐36.9 | 17♒26!0 |

## Declinação dos Astros

Tropical Ephemeris - segunda-feira, 01 set 2008 at noon, Greenwich  SVP = 05♓08.13  True Ayanamsa = 23d 58m 51s
Julian Day = 2454711.0  Geocentric - An '!' symbol instead of a '.' denotes a Rx planet.

| Decl. | Sidereal Time | Sun | Moon | Mercury | Venus | Mars | Jupiter | Saturn | Uranus | Neptune | Pluto | N. Node |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | h m s | ° ′ | ° ′ | ° ′ | ° ′ | ° ′ | ° ′ | ° ′ | ° ′ | ° ′ | ° ′ | ° ′ |
| 01 set | 10 44 4.8 | 08 n 02.4 | 03 s 15.4 | 02 s 52.3 | 00 n 03.1 | 02 s 52.5 | 23 s 08.1 | 08 n 45.7 | 04 s 15.4 | 14 s 22.9 | 17 s 17.7 | 15 s 17.3 |
| 02 set | 10 48 1.4 | 07 n 40.4 | 09 s 07.3 | 03 s 30.9 | 00 s 27.9 | 03 s 08.4 | 23 s 08.3 | 08 n 42.8 | 04 s 16.3 | 14 s 23.4 | 17 s 18.0 | 15 s 18.3 |
| 03 set | 10 51 58.0 | 07 n 18.4 | 14 s 28.4 | 04 s 08.7 | 00 s 58.8 | 03 s 24.2 | 23 s 08.5 | 08 n 40.0 | 04 s 17.3 | 14 s 23.9 | 17 s 18.3 | 15 s 19.3 |
| 04 set | 10 55 54.5 | 06 n 56.3 | 19 s 07.0 | 04 s 45.8 | 01 s 29.7 | 03 s 40.1 | 23 s 08.6 | 08 n 37.1 | 04 s 18.2 | 14 s 24.4 | 17 s 18.6 | 15 s 20.4 |
| 05 set | 10 59 51.1 | 06 n 34.0 | 22 s 52.8 | 05 s 22.1 | 02 s 00.6 | 03 s 55.9 | 23 s 08.8 | 08 n 34.3 | 04 s 19.1 | 14 s 24.9 | 17 s 18.9 | 15 s 21.2 |
| 06 set | 11 3 47.6 | 06 n 11.6 | 25 s 36.6 | 05 s 57.5 | 02 s 31.5 | 04 s 11.7 | 23 s 08.9 | 08 n 31.5 | 04 s 20.1 | 14 s 25.4 | 17 s 19.2 | 15 s 21.8 |
| 07 set | 11 7 44.2 | 05 n 49.2 | 27 s 11.0 | 06 s 32.0 | 03 s 02.4 | 04 s 27.6 | 23 s 09.0 | 08 n 28.6 | 04 s 21.0 | 14 s 25.9 | 17 s 19.4 | 15 s 22.0 |
| 08 set | 11 11 40.7 | 05 n 26.6 | 27 s 30.7 | 07 s 05.5 | 03 s 33.2 | 04 s 43.4 | 23 s 09.0 | 08 n 25.8 | 04 s 22.0 | 14 s 26.3 | 17 s 19.7 | 15 s 21.8 |
| 09 set | 11 15 37.3 | 05 n 03.9 | 26 s 33.9 | 07 s 37.9 | 04 s 03.9 | 04 s 59.2 | 23 s 09.1 | 08 n 23.0 | 04 s 22.9 | 14 s 26.8 | 17 s 20.0 | 15 s 21.5 |
| 10 set | 11 19 33.8 | 04 n 41.2 | 24 s 22.3 | 08 s 09.2 | 04 s 34.6 | 05 s 14.9 | 23 s 09.1 | 08 n 20.1 | 04 s 23.8 | 14 s 27.3 | 17 s 20.3 | 15 s 20.9 |
| 11 set | 11 23 30.4 | 04 n 18.4 | 21 s 01.2 | 08 s 39.3 | 05 s 05.2 | 05 s 30.7 | 23 s 09.2 | 08 n 17.3 | 04 s 24.8 | 14 s 27.7 | 17 s 20.6 | 15 s 20.4 |
| 12 set | 11 27 27.0 | 03 n 55.5 | 16 s 39.0 | 09 s 08.1 | 05 s 35.7 | 05 s 46.4 | 23 s 09.2 | 08 n 14.5 | 04 s 25.7 | 14 s 28.2 | 17 s 20.9 | 15 s 20.2 |
| 13 set | 11 31 23.5 | 03 n 32.5 | 11 s 26.3 | 09 s 35.5 | 06 s 06.1 | 06 s 02.2 | 23 s 09.1 | 08 n 11.7 | 04 s 26.7 | 14 s 28.7 | 17 s 21.2 | 15 s 20.3 |
| 14 set | 11 35 20.1 | 03 n 09.5 | 05 s 35.8 | 10 s 01.3 | 06 s 36.3 | 06 s 17.8 | 23 s 09.1 | 08 n 08.9 | 04 s 27.6 | 14 s 29.1 | 17 s 21.5 | 15 s 20.8 |
| 15 set | 11 39 16.6 | 02 n 46.4 | 00 n 37.5 | 10 s 25.6 | 07 s 06.5 | 06 s 33.5 | 23 s 09.0 | 08 n 06.0 | 04 s 28.6 | 14 s 29.6 | 17 s 21.8 | 15 s 21.9 |
| 16 set | 11 43 13.2 | 02 n 23.3 | 06 n 56.4 | 10 s 48.1 | 07 s 36.5 | 06 s 49.1 | 23 s 09.0 | 08 n 03.2 | 04 s 29.5 | 14 s 30.0 | 17 s 22.1 | 15 s 23.4 |
| 17 set | 11 47 9.7 | 02 n 00.1 | 13 n 01.1 | 11 s 08.7 | 08 s 06.3 | 07 s 04.8 | 23 s 08.9 | 08 n 00.5 | 04 s 30.4 | 14 s 30.4 | 17 s 22.4 | 15 s 25.1 |
| 18 set | 11 51 6.3 | 01 n 36.9 | 18 n 29.1 | 11 s 27.3 | 08 s 36.0 | 07 s 20.3 | 23 s 08.7 | 07 n 57.7 | 04 s 31.4 | 14 s 30.8 | 17 s 22.7 | 15 s 26.9 |
| 19 set | 11 55 2.8 | 01 n 13.6 | 22 n 56.7 | 11 s 43.6 | 09 s 05.5 | 07 s 35.9 | 23 s 08.6 | 07 n 54.9 | 04 s 32.3 | 14 s 31.3 | 17 s 23.0 | 15 s 28.4 |
| 20 set | 11 58 59.4 | 00 n 50.3 | 26 n 01.0 | 11 s 57.6 | 09 s 34.8 | 07 s 51.4 | 23 s 08.5 | 07 n 52.1 | 04 s 33.2 | 14 s 31.7 | 17 s 23.3 | 15 s 29.6 |
| 21 set | 12 2 56.0 | 00 n 27.0 | 27 n 24.5 | 12 s 08.9 | 10 s 03.9 | 08 s 06.9 | 23 s 08.3 | 07 n 49.3 | 04 s 34.2 | 14 s 32.1 | 17 s 23.6 | 15 s 30.2 |
| 22 set | 12 6 52.5 | 00 n 03.6 | 26 n 59.5 | 12 s 17.4 | 10 s 32.8 | 08 s 22.3 | 23 s 08.1 | 07 n 46.6 | 04 s 35.1 | 14 s 32.5 | 17 s 23.9 | 15 s 30.3 |
| 23 set | 12 10 49.1 | 00 s 19.7 | 24 n 50.6 | 12 s 22.9 | 11 s 01.4 | 08 s 37.7 | 23 s 07.9 | 07 n 43.8 | 04 s 36.0 | 14 s 32.9 | 17 s 24.2 | 15 s 30.0 |
| 24 set | 12 14 45.6 | 00 s 43.1 | 21 n 12.8 | 12 s 25.1 | 11 s 29.9 | 08 s 53.1 | 23 s 07.7 | 07 n 41.1 | 04 s 36.9 | 14 s 33.2 | 17 s 24.5 | 15 s 29.6 |
| 25 set | 12 18 42.2 | 01 s 06.5 | 16 n 26.7 | 12 s 23.8 | 11 s 58.0 | 09 s 08.4 | 23 s 07.4 | 07 n 38.3 | 04 s 37.8 | 14 s 33.6 | 17 s 24.8 | 15 s 29.4 |
| 26 set | 12 22 38.7 | 01 s 29.8 | 10 n 54.4 | 12 s 18.6 | 12 s 25.9 | 09 s 23.7 | 23 s 07.1 | 07 n 35.6 | 04 s 38.7 | 14 s 34.0 | 17 s 25.1 | 15 s 29.5 |
| 27 set | 12 26 35.3 | 01 s 53.2 | 04 n 56.5 | 12 s 09.5 | 12 s 53.5 | 09 s 38.9 | 23 s 06.8 | 07 n 32.9 | 04 s 39.6 | 14 s 34.3 | 17 s 25.4 | 15 s 30.3 |
| 28 set | 12 30 31.8 | 02 s 16.6 | 01 s 08.3 | 11 s 56.1 | 13 s 20.9 | 09 s 54.1 | 23 s 06.5 | 07 n 30.2 | 04 s 40.5 | 14 s 34.7 | 17 s 25.7 | 15 s 31.8 |
| 29 set | 12 34 28.4 | 02 s 39.9 | 07 s 03.8 | 11 s 38.3 | 13 s 47.9 | 10 s 09.2 | 23 s 06.2 | 07 n 27.5 | 04 s 41.4 | 14 s 35.0 | 17 s 26.0 | 15 s 33.9 |
| 30 set | 12 38 24.9 | 03 s 03.2 | 12 s 35.2 | 11 s 16.1 | 14 s 14.6 | 10 s 24.3 | 23 s 05.9 | 07 n 24.8 | 04 s 42.3 | 14 s 35.4 | 17 s 26.3 | 15 s 36.6 |

# OUTUBRO DE 2008

## Longitude dos Astros

Tropical Ephemeris - quarta-feira, 01 out 2008 at noon, Greenwich  SVP = 05♓08.05  True Ayanamsa = 23d 58m 56s
Julian Day = 2454741.0  Geocentric - An '!' symbol instead of a '.' denotes a Rx planet.

| Long. | Sidereal Time | Sun | Moon | Mercury | Venus | Mars | Jupiter | Saturn | Uranus | Neptune | Pluto | N. Node |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | h m s | ° ' | ° ' | ° ' | ° ' | ° ' | ° ' | ° ' | ° ' | ° ' | ° ' | ° ' |
| 01 out | 12 42 21.5 | 08♎40.7 | 03♑55.8 | 19♎43!9 | 08♑59.9 | 28♎11.1 | 13♑23.3 | 15♑18.8 | 19♓57!3 | 21♒44!4 | 28♐37.6 | 17♒16!5 |
| 02 out | 12 46 18.1 | 09♎39.8 | 16♑15.3 | 18♎48!9 | 10♑13.1 | 28♎51.6 | 13♑27.7 | 15♑25.9 | 19♓55!1 | 21♒43!4 | 28♐38.4 | 17♒07!0 |
| 03 out | 12 50 14.6 | 10♎38.8 | 28♑22.7 | 17♎48!1 | 11♑26.2 | 29♎32.0 | 13♑32.4 | 15♑33.0 | 19♓52!9 | 21♒42!5 | 28♐39.1 | 16♒58!5 |
| 04 out | 12 54 11.2 | 11♎38.0 | 10♐20.6 | 16♎42!7 | 12♑39.3 | 00♑12.6 | 13♑37.1 | 15♑40.1 | 19♓50!7 | 21♒41!6 | 28♐39.9 | 16♒51!7 |
| 05 out | 12 58 7.7 | 12♎37.1 | 22♐12.4 | 15♎34!2 | 13♑52.4 | 00♑53.1 | 13♑42.1 | 15♑47.2 | 19♓48!5 | 21♒40!7 | 28♐40.7 | 16♒47!1 |
| 06 out | 13 2 4.3 | 13♎36.3 | 04♑02.5 | 14♎24!1 | 15♑05.4 | 01♑33.8 | 13♑47.2 | 15♑54.2 | 19♓46!4 | 21♒39!8 | 28♐41.6 | 16♒44!7 |
| 07 out | 13 6 0.8 | 14♎35.5 | 15♑55.6 | 13♎14!4 | 16♑18.5 | 02♑14.5 | 13♑52.5 | 16♑01.1 | 19♓44!3 | 21♒39!0 | 28♐42.4 | 16♒44.2 |
| 08 out | 13 9 57.4 | 15♎34.7 | 27♑57.1 | 12♎06!8 | 17♑31.5 | 02♑55.2 | 13♑58.0 | 16♑08.1 | 19♓42!2 | 21♒38!2 | 28♐43.3 | 16♒44.8 |
| 09 out | 13 13 53.9 | 16♎34.0 | 10♒12.2 | 11♎03!4 | 18♑44.5 | 03♑36.0 | 14♑03.6 | 16♑15.0 | 19♓40!1 | 21♒37!4 | 28♐44.3 | 16♒45.6 |
| 10 out | 13 17 50.5 | 17♎33.2 | 22♒45.8 | 10♎05!9 | 19♑57.5 | 04♑16.8 | 14♑09.4 | 16♑21.8 | 19♓38!1 | 21♒36!7 | 28♐45.2 | 16♒45!5 |
| 11 out | 13 21 47.1 | 18♎32.6 | 05♓42.0 | 09♎16!0 | 21♑10.4 | 04♑57.7 | 14♑15.3 | 16♑28.7 | 19♓36!0 | 21♒36!0 | 28♐46.2 | 16♒43!8 |
| 12 out | 13 25 43.6 | 19♎31.9 | 19♓03.3 | 08♎35!1 | 22♑23.3 | 05♑38.7 | 14♑21.4 | 16♑35.4 | 19♓34!1 | 21♒35!3 | 28♐47.2 | 16♒39!8 |
| 13 out | 13 29 40.2 | 20♎31.3 | 02♈50.3 | 08♎04!2 | 23♑36.2 | 06♑19.7 | 14♑27.7 | 16♑42.2 | 19♓32!1 | 21♒34!6 | 28♐48.3 | 16♒33!2 |
| 14 out | 13 33 36.7 | 21♎30.7 | 17♈01.0 | 07♎43!9 | 24♑49.1 | 07♑00.7 | 14♑34.1 | 16♑48.8 | 19♓30!2 | 21♒34!0 | 28♐49.4 | 16♒24!5 |
| 15 out | 13 37 33.3 | 22♎30.1 | 01♉30.7 | 07♎34!6 | 26♑01.9 | 07♑41.8 | 14♑40.7 | 16♑55.5 | 19♓28!3 | 21♒33!4 | 28♐50.5 | 16♒14!3 |
| 16 out | 13 41 29.8 | 23♎29.6 | 16♉12.4 | 07♎36.4 | 27♑14.7 | 08♑23.0 | 14♑47.4 | 17♑02.1 | 19♓26!4 | 21♒32!8 | 28♐51.6 | 16♒03!9 |
| 17 out | 13 45 26.4 | 24♎29.1 | 00♊58.2 | 07♎49.0 | 28♑27.5 | 09♑04.2 | 14♑54.3 | 17♑08.6 | 19♓24!6 | 21♒32!3 | 28♐52.8 | 15♒54!4 |
| 18 out | 13 49 22.9 | 25♎28.7 | 15♊40.1 | 08♎12.0 | 29♑40.3 | 09♑45.5 | 15♑01.3 | 17♑15.2 | 19♓22!8 | 21♒31!8 | 28♐54.0 | 15♒46!9 |
| 19 out | 13 53 19.5 | 26♎28.3 | 00♋11.9 | 08♎44.8 | 00♐53.0 | 10♑26.8 | 15♑08.5 | 17♑21.6 | 19♓21!0 | 21♒31!3 | 28♐55.2 | 15♒41!9 |
| 20 out | 13 57 16.1 | 27♎27.9 | 14♋29.3 | 09♎26.6 | 02♐05.7 | 11♑08.2 | 15♑15.9 | 17♑28.0 | 19♓19!2 | 21♒30!9 | 28♐56.4 | 15♒39!5 |
| 21 out | 14 1 12.6 | 28♎27.6 | 28♋30.5 | 10♎16.7 | 03♐18.4 | 11♑49.6 | 15♑23.4 | 17♑34.4 | 19♓17!5 | 21♒30!5 | 28♐57.7 | 15♒38.9 |
| 22 out | 14 5 9.2 | 29♎27.3 | 12♌15.2 | 11♎14.1 | 04♐31.1 | 12♑31.1 | 15♑31.0 | 17♑40.7 | 19♓15!9 | 21♒30!1 | 28♐59.0 | 15♒39.0 |
| 23 out | 14 9 5.7 | 00♑27.0 | 25♌44.5 | 12♎18.2 | 05♐43.7 | 13♑12.7 | 15♑38.8 | 17♑46.9 | 19♓14!2 | 21♒29!7 | 29♐00.3 | 15♒38!8 |
| 24 out | 14 13 2.3 | 01♑26.8 | 08♍60.0 | 13♎28.1 | 06♐56.3 | 13♑54.3 | 15♑46.7 | 17♑53.1 | 19♓12!6 | 21♒29!4 | 29♐01.7 | 15♒36!8 |
| 25 out | 14 16 58.8 | 02♑26.6 | 22♍03.0 | 14♎43.0 | 08♐08.9 | 14♑36.0 | 15♑54.7 | 17♑59.3 | 19♓11!1 | 21♒29!1 | 29♐03.1 | 15♒32!2 |
| 26 out | 14 20 55.4 | 03♑26.5 | 04♎54.8 | 16♎02.2 | 09♐21.5 | 15♑17.7 | 16♑02.9 | 18♑05.3 | 19♓09!6 | 21♒28!9 | 29♐04.5 | 15♒24!5 |
| 27 out | 14 24 51.9 | 04♑26.4 | 17♎35.9 | 17♎25.1 | 10♐34.0 | 15♑59.5 | 16♑11.3 | 18♑11.4 | 19♓08!1 | 21♒28!7 | 29♐05.9 | 15♒14!0 |
| 28 out | 14 28 48.5 | 05♑26.3 | 00♏06.6 | 18♎51.1 | 11♐46.6 | 16♑41.3 | 16♑19.7 | 18♑17.3 | 19♓06!6 | 21♒28!5 | 29♐07.4 | 15♒01!1 |
| 29 out | 14 32 45.1 | 06♑26.2 | 12♏27.1 | 20♎19.7 | 12♐59.0 | 17♑23.2 | 16♑28.3 | 18♑23.2 | 19♓05!2 | 21♒28!3 | 29♐08.8 | 14♒47!0 |
| 30 out | 14 36 41.6 | 07♑26.2 | 24♏37.7 | 21♎50.4 | 14♐11.5 | 18♑05.1 | 16♑37.1 | 18♑29.0 | 19♓03!9 | 21♒28!2 | 29♐10.4 | 14♒32!8 |
| 31 out | 14 40 38.2 | 08♑26.3 | 06♐39.3 | 23♎22.8 | 15♐23.9 | 18♑47.1 | 16♑45.9 | 18♑34.8 | 19♓02!5 | 21♒28!1 | 29♐11.9 | 14♒19!7 |

## Declinação dos Astros

Tropical Ephemeris - quarta-feira, 01 out 2008 at noon, Greenwich  SVP = 05♓08.05  True Ayanamsa = 23d 58m 56s
Julian Day = 2454741.0  Geocentric - An '!' symbol instead of a '.' denotes a Rx planet.

| Decl. | Sidereal Time | Sun | Moon | Mercury | Venus | Mars | Jupiter | Saturn | Uranus | Neptune | Pluto | N. Node |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | h m s | ° ' | ° ' | ° ' | ° ' | ° ' | ° ' | ° ' | ° ' | ° ' | ° ' | ° ' |
| 01 out | 12 42 21.5 | 03 s 26.5 | 17 s 29.3 | 10 s 49.5 | 14 s 41.0 | 10 s 39.3 | 23 s 05.5 | 07 n 22.1 | 04 s 43.1 | 14 s 35.7 | 17 s 26.6 | 15 s 39.5 |
| 02 out | 12 46 18.1 | 03 s 49.7 | 21 s 34.4 | 10 s 18.5 | 15 s 07.0 | 10 s 54.2 | 23 s 05.1 | 07 n 19.5 | 04 s 44.0 | 14 s 36.0 | 17 s 26.9 | 15 s 42.4 |
| 03 out | 12 50 14.6 | 04 s 12.9 | 24 s 40.0 | 09 s 43.5 | 15 s 32.7 | 11 s 09.1 | 23 s 04.7 | 07 n 16.8 | 04 s 44.8 | 14 s 36.3 | 17 s 27.2 | 15 s 44.9 |
| 04 out | 12 54 11.2 | 04 s 36.0 | 26 s 37.7 | 09 s 05.0 | 15 s 58.0 | 11 s 23.9 | 23 s 04.2 | 07 n 14.2 | 04 s 45.7 | 14 s 36.6 | 17 s 27.5 | 15 s 47.0 |
| 05 out | 12 58 7.7 | 04 s 59.1 | 27 s 21.9 | 08 s 23.6 | 16 s 22.9 | 11 s 38.7 | 23 s 03.8 | 07 n 11.6 | 04 s 46.5 | 14 s 36.9 | 17 s 27.8 | 15 s 48.4 |
| 06 out | 13 2 4.3 | 05 s 22.1 | 26 s 50.6 | 07 s 40.1 | 16 s 47.5 | 11 s 53.4 | 23 s 03.3 | 07 n 09.0 | 04 s 47.3 | 14 s 37.2 | 17 s 28.1 | 15 s 49.1 |
| 07 out | 13 6 0.8 | 05 s 45.1 | 25 s 05.5 | 06 s 55.5 | 17 s 11.6 | 12 s 08.0 | 23 s 02.8 | 07 n 06.4 | 04 s 48.1 | 14 s 37.4 | 17 s 28.4 | 15 s 49.2 |
| 08 out | 13 9 57.4 | 06 s 08.0 | 22 s 11.2 | 06 s 10.8 | 17 s 35.3 | 12 s 22.5 | 23 s 02.3 | 07 n 03.8 | 04 s 48.9 | 14 s 37.7 | 17 s 28.7 | 15 s 49.1 |
| 09 out | 13 13 53.9 | 06 s 30.7 | 18 s 14.9 | 05 s 27.2 | 17 s 58.6 | 12 s 37.0 | 23 s 01.8 | 07 n 01.3 | 04 s 49.7 | 14 s 37.9 | 17 s 29.0 | 15 s 48.8 |
| 10 out | 13 17 50.5 | 06 s 53.4 | 13 s 25.4 | 04 s 45.7 | 18 s 21.4 | 12 s 51.4 | 23 s 01.2 | 06 n 58.8 | 04 s 50.5 | 14 s 38.2 | 17 s 29.2 | 15 s 48.8 |
| 11 out | 13 21 47.1 | 07 s 16.0 | 07 s 52.9 | 04 s 07.3 | 18 s 43.7 | 13 s 05.7 | 23 s 00.6 | 06 n 56.2 | 04 s 51.3 | 14 s 38.4 | 17 s 29.5 | 15 s 49.3 |
| 12 out | 13 25 43.6 | 07 s 38.5 | 01 s 49.7 | 03 s 33.0 | 19 s 05.6 | 13 s 19.9 | 23 s 00.0 | 06 n 53.7 | 04 s 52.1 | 14 s 38.6 | 17 s 29.8 | 15 s 50.6 |
| 13 out | 13 29 40.2 | 08 s 00.9 | 04 n 29.1 | 03 s 03.4 | 19 s 27.1 | 13 s 34.1 | 22 s 59.4 | 06 n 51.2 | 04 s 52.8 | 14 s 38.9 | 17 s 30.1 | 15 s 52.5 |
| 14 out | 13 33 36.7 | 08 s 23.2 | 10 n 44.7 | 02 s 39.0 | 19 s 48.0 | 13 s 48.1 | 22 s 58.8 | 06 n 48.8 | 04 s 53.5 | 14 s 39.1 | 17 s 30.4 | 15 s 55.2 |
| 15 out | 13 37 33.3 | 08 s 45.4 | 16 n 34.0 | 02 s 20.2 | 20 s 08.4 | 14 s 02.1 | 22 s 58.1 | 06 n 46.3 | 04 s 54.3 | 14 s 39.2 | 17 s 30.7 | 15 s 58.2 |
| 16 out | 13 41 29.8 | 09 s 07.4 | 21 n 30.3 | 02 s 07.1 | 20 s 28.3 | 14 s 16.0 | 22 s 57.4 | 06 n 43.9 | 04 s 55.0 | 14 s 39.4 | 17 s 31.0 | 16 s 01.3 |
| 17 out | 13 45 26.4 | 09 s 29.4 | 25 n 06.8 | 01 s 59.7 | 20 s 47.6 | 14 s 29.7 | 22 s 56.7 | 06 n 41.5 | 04 s 55.7 | 14 s 39.6 | 17 s 31.2 | 16 s 04.1 |
| 18 out | 13 49 22.9 | 09 s 51.2 | 27 n 01.1 | 01 s 57.9 | 21 s 06.5 | 14 s 43.4 | 22 s 56.0 | 06 n 39.1 | 04 s 56.4 | 14 s 39.8 | 17 s 31.5 | 16 s 06.4 |
| 19 out | 13 53 19.5 | 10 s 12.8 | 27 n 02.7 | 02 s 01.4 | 21 s 24.7 | 14 s 57.0 | 22 s 55.2 | 06 n 36.7 | 04 s 57.0 | 14 s 39.9 | 17 s 31.8 | 16 s 07.8 |
| 20 out | 13 57 16.1 | 10 s 34.3 | 25 n 15.4 | 02 s 09.8 | 21 s 42.4 | 15 s 10.5 | 22 s 54.4 | 06 n 34.4 | 04 s 57.7 | 14 s 40.1 | 17 s 32.1 | 16 s 08.6 |
| 21 out | 14 1 12.6 | 10 s 55.6 | 21 n 55.3 | 02 s 22.9 | 21 s 59.5 | 15 s 23.9 | 22 s 53.6 | 06 n 32.1 | 04 s 58.3 | 14 s 40.2 | 17 s 32.3 | 16 s 08.7 |
| 22 out | 14 5 9.2 | 11 s 16.8 | 17 n 24.7 | 02 s 40.1 | 22 s 16.1 | 15 s 37.1 | 22 s 52.8 | 06 n 29.8 | 04 s 59.0 | 14 s 40.3 | 17 s 32.6 | 16 s 08.7 |
| 23 out | 14 9 5.7 | 11 s 37.8 | 12 n 06.3 | 03 s 01.0 | 22 s 32.0 | 15 s 50.3 | 22 s 51.9 | 06 n 27.5 | 04 s 59.6 | 14 s 40.4 | 17 s 32.9 | 16 s 08.8 |
| 24 out | 14 13 2.3 | 11 s 58.7 | 06 n 20.2 | 03 s 25.2 | 22 s 47.3 | 16 s 03.3 | 22 s 51.0 | 06 n 25.2 | 05 s 00.2 | 14 s 40.5 | 17 s 33.1 | 16 s 09.4 |
| 25 out | 14 16 58.8 | 12 s 19.3 | 00 n 24.0 | 03 s 52.3 | 23 s 02.1 | 16 s 16.3 | 22 s 50.1 | 06 n 23.0 | 05 s 00.8 | 14 s 40.6 | 17 s 33.4 | 16 s 10.7 |
| 26 out | 14 20 55.4 | 12 s 39.8 | 05 s 27.4 | 04 s 21.9 | 23 s 16.1 | 16 s 29.1 | 22 s 49.2 | 06 n 20.8 | 05 s 01.3 | 14 s 40.7 | 17 s 33.7 | 16 s 13.0 |
| 27 out | 14 24 51.9 | 13 s 00.1 | 11 s 00.2 | 04 s 53.6 | 23 s 29.6 | 16 s 41.8 | 22 s 48.3 | 06 n 18.6 | 05 s 01.9 | 14 s 40.8 | 17 s 33.9 | 16 s 16.1 |
| 28 out | 14 28 48.5 | 13 s 20.1 | 16 s 01.6 | 05 s 27.1 | 23 s 42.4 | 16 s 54.4 | 22 s 47.3 | 06 n 16.4 | 05 s 02.4 | 14 s 40.8 | 17 s 34.2 | 16 s 19.9 |
| 29 out | 14 32 45.1 | 13 s 40.0 | 20 s 19.3 | 06 s 02.0 | 23 s 54.5 | 17 s 06.8 | 22 s 46.3 | 06 n 14.3 | 05 s 02.9 | 14 s 40.9 | 17 s 34.4 | 16 s 24.0 |
| 30 out | 14 36 41.6 | 13 s 59.6 | 23 s 41.6 | 06 s 38.1 | 24 s 06.0 | 17 s 19.2 | 22 s 45.3 | 06 n 12.2 | 05 s 03.4 | 14 s 40.9 | 17 s 34.7 | 16 s 28.1 |
| 31 out | 14 40 38.2 | 14 s 19.0 | 25 s 58.8 | 07 s 15.0 | 24 s 16.8 | 17 s 31.4 | 22 s 44.2 | 06 n 10.1 | 05 s 03.9 | 14 s 40.9 | 17 s 34.9 | 16 s 31.9 |

# NOVEMBRO DE 2008

## Longitude dos Astros

Tropical Ephemeris - sábado, 01 nov 2008 at noon, Greenwich  SVP = 05°07'.96  True Ayanamsa = 23d 59m 01s
Julian Day = 2454772.0  Geocentric - An '!' symbol instead of a '.' denotes a Rx planet.

| Long. | Sidereal Time | Sun | Moon | Mercury | Venus | Mars | Jupiter | Saturn | Uranus | Neptune | Pluto | N. Node |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | h m s | ° ' | ° ' | ° ' | ° ' | ° ' | ° ' | ° ' | ° ' | ° ' | ° ' | ° ' |
| 01 nov | 14 44 34.7 | 09♏26.3 | 18♐33.6 | 24♎56.7 | 16♐36.3 | 19♏29.2 | 16♑54.9 | 18♏40.5 | 19♓01!3 | 21♒28!1 | 29♐13.4 | 14♒08!7 |
| 02 nov | 14 48 31.3 | 10♏26.4 | 00♑23.0 | 26♎31.6 | 17♐48.6 | 20♏11.3 | 17♑04.1 | 18♏46.2 | 19♓00!0 | 21♒28.1 | 29♐15.0 | 14♒00!5 |
| 03 nov | 14 52 27.8 | 11♏26.5 | 12♑10.9 | 28♎07.4 | 19♐01.0 | 20♏53.4 | 17♑13.3 | 18♏51.7 | 18♓58!8 | 21♒28.1 | 29♐16.6 | 13♒55!2 |
| 04 nov | 14 56 24.4 | 12♏26.6 | 24♑01.4 | 29♎43.9 | 20♐13.2 | 21♏35.7 | 17♑22.7 | 18♏57.3 | 18♓57!7 | 21♒28.2 | 29♐18.2 | 13♒52!5 |
| 05 nov | 15 0 20.9 | 13♏26.8 | 05♒59.6 | 01♏20.8 | 21♐25.5 | 22♏17.9 | 17♑32.2 | 19♏02.7 | 18♓56!6 | 21♒28.3 | 29♐19.9 | 13♒51!7 |
| 06 nov | 15 4 17.5 | 14♏26.9 | 18♒10.8 | 02♏58.1 | 22♐37.6 | 23♏00.3 | 17♑41.8 | 19♏08.1 | 18♓55!5 | 21♒28.4 | 29♐21.6 | 13♒51!6 |
| 07 nov | 15 8 14.1 | 15♏27.2 | 00♓40.5 | 04♏35.5 | 23♐49.8 | 23♏42.6 | 17♑51.6 | 19♏13.4 | 18♓54!5 | 21♒28.6 | 29♐23.3 | 13♒51!1 |
| 08 nov | 15 12 10.6 | 16♏27.4 | 13♓33.7 | 06♏13.0 | 25♐01.9 | 24♏25.0 | 18♑01.4 | 19♏18.6 | 18♓53!5 | 21♒28.7 | 29♐25.0 | 13♒49!1 |
| 09 nov | 15 16 7.2 | 17♏27.6 | 26♓54.6 | 07♏50.6 | 26♐13.9 | 25♏07.5 | 18♑11.4 | 19♏23.7 | 18♓52!6 | 21♒29.0 | 29♐26.7 | 13♒44!7 |
| 10 nov | 15 20 3.7 | 18♏27.9 | 10♈45.0 | 09♏28.1 | 27♐25.9 | 25♏50.0 | 18♑21.5 | 19♏28.8 | 18♓51!7 | 21♒29.2 | 29♐28.4 | 13♒37!6 |
| 11 nov | 15 24 0.3 | 19♏28.2 | 25♈04.4 | 11♏05.5 | 28♐37.9 | 26♏32.6 | 18♑31.6 | 19♏33.8 | 18♓50!9 | 21♒29.5 | 29♐30.2 | 13♒28!0 |
| 12 nov | 15 27 56.8 | 20♏28.6 | 09♉48.6 | 12♏42.8 | 29♐49.8 | 27♏15.3 | 18♑41.9 | 19♏38.7 | 18♓50!1 | 21♒29.9 | 29♐32.0 | 13♒16!8 |
| 13 nov | 15 31 53.4 | 21♏28.9 | 24♉50.2 | 14♏19.9 | 01♑01.6 | 27♏58.0 | 18♑52.4 | 19♏43.6 | 18♓49!4 | 21♒30.2 | 29♐33.8 | 13♒05!0 |
| 14 nov | 15 35 49.9 | 22♏29.3 | 09♊59.2 | 15♏56.8 | 02♑13.4 | 28♏40.7 | 19♑02.9 | 19♏48.3 | 18♓48!7 | 21♒30.6 | 29♐35.6 | 12♒54!2 |
| 15 nov | 15 39 46.5 | 23♏29.7 | 25♊05.2 | 17♏33.5 | 03♑25.2 | 29♏23.5 | 19♑13.5 | 19♏53.0 | 18♓48!1 | 21♒31.1 | 29♐37.5 | 12♒45!5 |
| 16 nov | 15 43 43.1 | 24♏30.2 | 09♋58.8 | 19♏10.0 | 04♑36.8 | 00♐06.4 | 19♑24.2 | 19♏57.6 | 18♓47!5 | 21♒31.5 | 29♐39.4 | 12♒39!5 |
| 17 nov | 15 47 39.6 | 25♏30.7 | 24♋33.4 | 20♏46.2 | 05♑48.5 | 00♐49.3 | 19♑35.0 | 20♏02.1 | 18♓47!0 | 21♒32.0 | 29♐41.2 | 12♒36!3 |
| 18 nov | 15 51 36.2 | 26♏31.2 | 08♌45.2 | 22♏22.2 | 07♑00.0 | 01♐32.2 | 19♑46.0 | 20♏06.6 | 18♓46!5 | 21♒32.6 | 29♐43.1 | 12♒35!3 |
| 19 nov | 15 55 32.7 | 27♏31.7 | 22♌33.6 | 23♏58.0 | 08♑11.5 | 02♐15.3 | 19♑57.0 | 20♏10.9 | 18♓46!0 | 21♒33.1 | 29♐45.1 | 12♒35.4 |
| 20 nov | 15 59 29.3 | 28♏32.3 | 05♍59.9 | 25♏33.6 | 09♑23.0 | 02♐58.3 | 20♑08.1 | 20♏15.2 | 18♓45!6 | 21♒33.7 | 29♐47.0 | 12♒35!3 |
| 21 nov | 16 3 25.8 | 29♏32.9 | 19♍06.7 | 27♏09.0 | 10♑34.4 | 03♐41.5 | 20♑19.3 | 20♏19.4 | 18♓45!3 | 21♒34.4 | 29♐48.9 | 12♒33!7 |
| 22 nov | 16 7 22.4 | 00♐33.5 | 01♎56.8 | 28♏44.2 | 11♑45.7 | 04♐24.6 | 20♑30.6 | 20♏23.5 | 18♓45!0 | 21♒35.0 | 29♐50.9 | 12♒29!7 |
| 23 nov | 16 11 18.9 | 01♐34.2 | 14♎33.2 | 00♐19.2 | 12♑56.9 | 05♐07.9 | 20♑42.0 | 20♏27.5 | 18♓44!8 | 21♒35.7 | 29♐52.9 | 12♒22!9 |
| 24 nov | 16 15 15.5 | 02♐34.8 | 26♎58.3 | 01♐54.0 | 14♑08.1 | 05♐51.2 | 20♑53.5 | 20♏31.4 | 18♓44!6 | 21♒36.5 | 29♐54.9 | 12♒13!2 |
| 25 nov | 16 19 12.1 | 03♐35.5 | 09♏14.0 | 03♐28.7 | 15♑19.3 | 06♐34.5 | 21♑05.1 | 20♏35.2 | 18♓44!4 | 21♒37.3 | 29♐56.9 | 12♒01!4 |
| 26 nov | 16 23 8.6 | 04♐36.3 | 21♏21.8 | 05♐03.2 | 16♑30.3 | 07♐17.9 | 21♑16.8 | 20♏39.0 | 18♓44!3 | 21♒38.1 | 29♐58.9 | 11♒48!3 |
| 27 nov | 16 27 5.2 | 05♐37.0 | 03♐22.7 | 06♐37.6 | 17♑41.3 | 08♐01.4 | 21♑28.6 | 20♏42.6 | 18♓44!3 | 21♒38.9 | 00♑00.9 | 11♒35!0 |
| 28 nov | 16 31 1.7 | 06♐37.8 | 15♐18.0 | 08♐11.9 | 18♑52.2 | 08♐44.9 | 21♑40.4 | 20♏46.2 | 18♓44.3 | 21♒39.8 | 00♑03.0 | 11♒22!7 |
| 29 nov | 16 34 58.3 | 07♐38.6 | 27♐08.8 | 09♐46.0 | 20♑03.0 | 09♐28.5 | 21♑52.3 | 20♏49.6 | 18♓44.4 | 21♒40.7 | 00♑05.0 | 11♒12!4 |
| 30 nov | 16 38 54.8 | 08♐39.4 | 08♑57.1 | 11♐20.1 | 21♑13.7 | 10♐12.1 | 22♑04.4 | 20♏53.0 | 18♓44.5 | 21♒41.6 | 00♑07.1 | 11♒04!7 |

## Declinação dos Astros

Tropical Ephemeris - sábado, 01 nov 2008 at noon, Greenwich  SVP = 05°07'.96  True Ayanamsa = 23d 59m 01s
Julian Day = 2454772.0  Geocentric - An '!' symbol instead of a '.' denotes a Rx planet.

| Decl. | Sidereal Time | Sun | Moon | Mercury | Venus | Mars | Jupiter | Saturn | Uranus | Neptune | Pluto | N. Node |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | h m s | ° ' | ° ' | ° ' | ° ' | ° ' | ° ' | ° ' | ° ' | ° ' | ° ' | ° ' |
| 01 nov | 14 44 34.7 | 14 s 38.2 | 27 s 04.1 | 07 s 52.7 | 24 s 26.9 | 17 s 43.4 | 22 s 43.1 | 06 n 08.0 | 05 s 04.4 | 14 s 40.9 | 17 s 35.2 | 16 s 35.1 |
| 02 nov | 14 48 31.3 | 14 s 57.2 | 26 s 54.4 | 08 s 30.9 | 24 s 36.3 | 17 s 55.3 | 22 s 42.0 | 06 n 06.0 | 05 s 04.8 | 14 s 40.9 | 17 s 35.4 | 16 s 37.5 |
| 03 nov | 14 52 27.8 | 15 s 15.9 | 25 s 31.3 | 09 s 09.3 | 24 s 45.0 | 18 s 07.1 | 22 s 40.9 | 06 n 04.0 | 05 s 05.3 | 14 s 40.9 | 17 s 35.7 | 16 s 39.0 |
| 04 nov | 14 56 24.4 | 15 s 34.3 | 22 s 59.6 | 09 s 48.0 | 24 s 53.1 | 18 s 18.8 | 22 s 39.8 | 06 n 02.0 | 05 s 05.7 | 14 s 40.9 | 17 s 35.9 | 16 s 39.8 |
| 05 nov | 15 0 20.9 | 15 s 52.5 | 19 s 26.7 | 10 s 26.6 | 25 s 00.4 | 18 s 30.3 | 22 s 38.6 | 06 n 00.1 | 05 s 06.1 | 14 s 40.9 | 17 s 36.2 | 16 s 40.0 |
| 06 nov | 15 4 17.5 | 16 s 10.5 | 15 s 01.1 | 11 s 05.1 | 25 s 07.0 | 18 s 41.6 | 22 s 37.4 | 05 n 58.2 | 05 s 06.5 | 14 s 40.8 | 17 s 36.4 | 16 s 40.1 |
| 07 nov | 15 8 14.1 | 16 s 28.1 | 09 s 52.0 | 11 s 43.4 | 25 s 12.9 | 18 s 52.8 | 22 s 36.1 | 05 n 56.3 | 05 s 06.8 | 14 s 40.8 | 17 s 36.6 | 16 s 40.2 |
| 08 nov | 15 12 10.6 | 16 s 45.5 | 04 s 09.1 | 12 s 21.4 | 25 s 18.0 | 19 s 03.9 | 22 s 34.9 | 05 n 54.4 | 05 s 07.2 | 14 s 40.7 | 17 s 36.9 | 16 s 40.8 |
| 09 nov | 15 16 7.2 | 17 s 02.6 | 01 n 55.8 | 12 s 59.0 | 25 s 22.5 | 19 s 14.8 | 22 s 33.6 | 05 n 52.6 | 05 s 07.5 | 14 s 40.6 | 17 s 37.1 | 16 s 42.0 |
| 10 nov | 15 20 3.7 | 17 s 19.4 | 08 n 07.9 | 13 s 36.2 | 25 s 26.2 | 19 s 25.5 | 22 s 32.3 | 05 n 50.8 | 05 s 07.8 | 14 s 40.6 | 17 s 37.3 | 16 s 44.1 |
| 11 nov | 15 24 0.3 | 17 s 35.9 | 14 n 07.5 | 14 s 12.8 | 25 s 29.1 | 19 s 36.1 | 22 s 30.9 | 05 n 49.0 | 05 s 08.1 | 14 s 40.5 | 17 s 37.6 | 16 s 46.8 |
| 12 nov | 15 27 56.8 | 17 s 52.1 | 19 n 29.3 | 14 s 48.8 | 25 s 31.4 | 19 s 46.5 | 22 s 29.6 | 05 n 47.3 | 05 s 08.4 | 14 s 40.4 | 17 s 37.8 | 16 s 50.0 |
| 13 nov | 15 31 53.4 | 18 s 08.0 | 23 n 43.8 | 15 s 24.2 | 25 s 32.9 | 19 s 56.7 | 22 s 28.2 | 05 n 45.6 | 05 s 08.6 | 14 s 40.2 | 17 s 38.0 | 16 s 53.4 |
| 14 nov | 15 35 49.9 | 18 s 23.6 | 26 n 21.8 | 15 s 58.9 | 25 s 33.7 | 20 s 06.8 | 22 s 26.8 | 05 n 43.9 | 05 s 08.9 | 14 s 40.1 | 17 s 38.2 | 16 s 56.4 |
| 15 nov | 15 39 46.5 | 18 s 38.8 | 27 n 03.8 | 16 s 32.9 | 25 s 33.7 | 20 s 16.7 | 22 s 25.3 | 05 n 42.3 | 05 s 09.1 | 14 s 40.0 | 17 s 38.4 | 16 s 58.9 |
| 16 nov | 15 43 43.1 | 18 s 53.8 | 25 n 46.7 | 17 s 06.1 | 25 s 33.0 | 20 s 26.5 | 22 s 23.8 | 05 n 40.7 | 05 s 09.3 | 14 s 39.8 | 17 s 38.6 | 17 s 00.6 |
| 17 nov | 15 47 39.6 | 19 s 08.4 | 22 n 45.1 | 17 s 38.5 | 25 s 31.6 | 20 s 36.0 | 22 s 22.3 | 05 n 39.1 | 05 s 09.5 | 14 s 39.6 | 17 s 38.8 | 17 s 01.5 |
| 18 nov | 15 51 36.2 | 19 s 22.6 | 18 n 23.9 | 18 s 10.0 | 25 s 29.4 | 20 s 45.4 | 22 s 20.8 | 05 n 37.6 | 05 s 09.6 | 14 s 39.5 | 17 s 39.0 | 17 s 01.8 |
| 19 nov | 15 55 32.7 | 19 s 36.5 | 13 n 09.9 | 18 s 40.7 | 25 s 26.5 | 20 s 54.6 | 22 s 19.2 | 05 n 36.1 | 05 s 09.7 | 14 s 39.3 | 17 s 39.2 | 17 s 01.7 |
| 20 nov | 15 59 29.3 | 19 s 50.1 | 07 n 26.4 | 19 s 10.5 | 25 s 22.9 | 21 s 03.6 | 22 s 17.6 | 05 n 34.6 | 05 s 09.9 | 14 s 39.1 | 17 s 39.4 | 17 s 01.8 |
| 21 nov | 16 3 25.8 | 20 s 03.3 | 01 n 32.3 | 19 s 39.3 | 25 s 18.5 | 21 s 12.5 | 22 s 16.0 | 05 n 33.2 | 05 s 10.0 | 14 s 38.9 | 17 s 39.6 | 17 s 02.2 |
| 22 nov | 16 7 22.4 | 20 s 16.1 | 04 s 17.6 | 20 s 07.2 | 25 s 13.5 | 21 s 21.1 | 22 s 14.4 | 05 n 31.8 | 05 s 10.0 | 14 s 38.7 | 17 s 39.8 | 17 s 03.3 |
| 23 nov | 16 11 18.9 | 20 s 28.6 | 09 s 50.5 | 20 s 34.1 | 25 s 07.7 | 21 s 29.6 | 22 s 12.7 | 05 n 30.4 | 05 s 10.1 | 14 s 38.4 | 17 s 40.0 | 17 s 05.3 |
| 24 nov | 16 15 15.5 | 20 s 40.6 | 14 s 54.9 | 20 s 60.0 | 25 s 01.2 | 21 s 37.8 | 22 s 11.0 | 05 n 29.1 | 05 s 10.1 | 14 s 38.2 | 17 s 40.2 | 17 s 08.0 |
| 25 nov | 16 19 12.1 | 20 s 52.3 | 19 s 19.5 | 21 s 24.8 | 24 s 53.9 | 21 s 45.9 | 22 s 09.3 | 05 n 27.8 | 05 s 10.2 | 14 s 38.0 | 17 s 40.4 | 17 s 11.3 |
| 26 nov | 16 23 8.6 | 21 s 03.6 | 22 s 53.0 | 21 s 48.6 | 24 s 46.0 | 21 s 53.7 | 22 s 07.5 | 05 n 26.6 | 05 s 10.1 | 14 s 37.7 | 17 s 40.5 | 17 s 14.9 |
| 27 nov | 16 27 5.2 | 21 s 14.5 | 25 s 25.1 | 22 s 11.3 | 24 s 37.4 | 22 s 01.4 | 22 s 05.7 | 05 n 25.4 | 05 s 10.1 | 14 s 37.4 | 17 s 40.7 | 17 s 18.6 |
| 28 nov | 16 31 1.7 | 21 s 25.0 | 26 s 47.5 | 22 s 32.9 | 24 s 28.1 | 22 s 08.9 | 22 s 03.9 | 05 n 24.2 | 05 s 10.1 | 14 s 37.1 | 17 s 40.9 | 17 s 22.0 |
| 29 nov | 16 34 58.3 | 21 s 35.1 | 26 s 55.7 | 22 s 53.4 | 24 s 18.1 | 22 s 16.1 | 22 s 02.1 | 05 n 23.1 | 05 s 10.0 | 14 s 36.9 | 17 s 41.1 | 17 s 24.8 |
| 30 nov | 16 38 54.8 | 21 s 44.8 | 25 s 50.0 | 23 s 12.7 | 24 s 07.5 | 22 s 23.1 | 22 s 00.2 | 05 n 22.0 | 05 s 09.9 | 14 s 36.5 | 17 s 41.2 | 17 s 26.9 |

# DEZEMBRO DE 2008

## Longitude dos Astros

Tropical Ephemeris - segunda-feira, 01 dez 2008 at noon, Greenwich  SVP = 05♓07'88"  True Ayanamsa = 23d 59m 06s
Julian Day = 2454802.0  Geocentric - An '!' symbol instead of a '.' denotes a Rx planet.

| Long. | Sidereal Time | Sun | Moon | Mercury | Venus | Mars | Jupiter | Saturn | Uranus | Neptune | Pluto | N. Node |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | h m s | ° ' | ° ' | ° ' | ° ' | ° ' | ° ' | ° ' | ° ' | ° ' | ° ' | ° ' |
| 01 dez | 16 42 51.4 | 09♐40.3 | 20♑45.1 | 12♐54.1 | 22♑24.4 | 10♐55.7 | 22♑16.4 | 20♒56.3 | 18♓44.7 | 21♒42.6 | 00♑09.2 | 10♒59!7 |
| 02 dez | 16 46 47.9 | 10♐41.1 | 02♒36.2 | 14♐28.1 | 23♑34.9 | 11♐39.5 | 22♑28.6 | 20♒59.4 | 18♓44.9 | 21♒43.6 | 00♑11.3 | 10♒57!4 |
| 03 dez | 16 50 44.5 | 11♐42.0 | 14♒34.1 | 16♐02.0 | 24♑45.4 | 12♐23.2 | 22♑40.9 | 21♒02.5 | 18♓45.2 | 21♒44.6 | 00♑13.4 | 10♒57.1 |
| 04 dez | 16 54 41.0 | 12♐42.9 | 26♒43.4 | 17♐35.9 | 25♑55.7 | 13♐07.0 | 22♑53.2 | 21♒05.5 | 18♓45.5 | 21♒45.7 | 00♑15.5 | 10♒57.9 |
| 05 dez | 16 58 37.6 | 13♐43.8 | 09♓09.2 | 19♐09.8 | 27♑06.0 | 13♐50.9 | 23♑05.6 | 21♒08.3 | 18♓45.9 | 21♒46.7 | 00♑17.6 | 10♒58.6 |
| 06 dez | 17 2 34.2 | 14♐44.7 | 21♓56.4 | 20♐43.6 | 28♑16.1 | 14♐34.8 | 23♑18.0 | 21♒11.1 | 18♓46.3 | 21♒47.9 | 00♑19.7 | 10♒58!4 |
| 07 dez | 17 6 30.7 | 15♐45.6 | 05♈09.6 | 22♐17.5 | 29♑26.2 | 15♐18.8 | 23♑30.6 | 21♒13.8 | 18♓46.8 | 21♒49.0 | 00♑21.9 | 10♒56!5 |
| 08 dez | 17 10 27.3 | 16♐46.5 | 18♈52.0 | 23♐51.4 | 00♒36.1 | 16♐02.8 | 23♑43.2 | 21♒16.3 | 18♓47.3 | 21♒50.2 | 00♑24.0 | 10♒52!4 |
| 09 dez | 17 14 23.8 | 17♐47.5 | 03♉04.7 | 25♐25.2 | 01♒45.9 | 16♐46.8 | 23♑55.8 | 21♒18.8 | 18♓47.9 | 21♒51.4 | 00♑26.2 | 10♒46!2 |
| 10 dez | 17 18 20.4 | 18♐48.4 | 17♉45.4 | 26♐59.1 | 02♒55.5 | 17♐30.9 | 24♑08.6 | 21♒21.1 | 18♓48.5 | 21♒52.6 | 00♑28.3 | 10♒38!4 |
| 11 dez | 17 22 16.9 | 19♐49.4 | 02♊48.5 | 28♐33.1 | 04♒05.1 | 18♐15.1 | 24♑21.4 | 21♒23.4 | 18♓49.2 | 21♒53.9 | 00♑30.5 | 10♒30!1 |
| 12 dez | 17 26 13.5 | 20♐50.4 | 18♊05.1 | 00♑07.0 | 05♒14.5 | 18♐59.3 | 24♑34.2 | 21♒25.6 | 18♓50.0 | 21♒55.2 | 00♑32.7 | 10♒22!4 |
| 13 dez | 17 30 10.0 | 21♐51.4 | 03♋24.1 | 01♑41.0 | 06♒23.7 | 19♐43.6 | 24♑47.1 | 21♒27.6 | 18♓50.8 | 21♒56.6 | 00♑34.8 | 10♒16!1 |
| 14 dez | 17 34 6.6 | 22♐52.4 | 18♋34.6 | 03♑14.9 | 07♒32.9 | 20♐27.9 | 25♑00.1 | 21♒29.6 | 18♓51.6 | 21♒57.9 | 00♑37.0 | 10♒12!0 |
| 15 dez | 17 38 3.2 | 23♐53.4 | 03♌27.2 | 04♑48.8 | 08♒41.8 | 21♐12.3 | 25♑13.2 | 21♒31.4 | 18♓52.5 | 21♒59.3 | 00♑39.2 | 10♒10!2 |
| 16 dez | 17 41 59.7 | 24♐54.4 | 17♌56.0 | 06♑22.7 | 09♒50.7 | 21♐56.7 | 25♑26.3 | 21♒33.1 | 18♓53.4 | 22♒00.7 | 00♑41.4 | 10♒10.2 |
| 17 dez | 17 45 56.3 | 25♐55.5 | 01♍57.8 | 07♑56.4 | 10♒59.3 | 22♐41.1 | 25♑39.4 | 21♒34.8 | 18♓54.4 | 22♒02.2 | 00♑43.6 | 10♒11.3 |
| 18 dez | 17 49 52.8 | 26♐56.6 | 15♍32.8 | 09♑30.1 | 12♒07.9 | 23♐25.6 | 25♑52.6 | 21♒36.3 | 18♓55.5 | 22♒03.6 | 00♑45.8 | 10♒12.7 |
| 19 dez | 17 53 49.4 | 27♐57.6 | 28♍42.9 | 11♑03.6 | 13♒16.2 | 24♐10.2 | 26♑05.9 | 21♒37.7 | 18♓56.5 | 22♒05.1 | 00♑48.0 | 10♒13!2 |
| 20 dez | 17 57 45.9 | 28♐58.7 | 11♎31.4 | 12♑36.9 | 14♒24.4 | 24♐54.8 | 26♑19.2 | 21♒39.0 | 18♓57.7 | 22♒06.6 | 00♑50.2 | 10♒12!3 |
| 21 dez | 18 1 42.5 | 29♐59.8 | 24♎02.2 | 14♑09.8 | 15♒32.4 | 25♐39.5 | 26♑32.5 | 21♒40.2 | 18♓58.9 | 22♒08.2 | 00♑52.4 | 10♒09!5 |
| 22 dez | 18 5 39.0 | 01♑01.0 | 06♏18.8 | 15♑42.3 | 16♒40.3 | 26♐24.2 | 26♑45.9 | 21♒41.2 | 19♓00.1 | 22♒09.8 | 00♑54.6 | 10♒04!9 |
| 23 dez | 18 9 35.6 | 02♑02.1 | 18♏24.9 | 17♑14.4 | 17♒48.0 | 27♐08.9 | 26♑59.4 | 21♒42.2 | 19♓01.4 | 22♒11.4 | 00♑56.8 | 09♒58!7 |
| 24 dez | 18 13 32.2 | 03♑03.2 | 00♐23.4 | 18♑45.7 | 18♒55.5 | 27♐53.7 | 27♑12.9 | 21♒43.1 | 19♓02.7 | 22♒13.0 | 00♑59.0 | 09♒51!6 |
| 25 dez | 18 17 28.7 | 04♑04.4 | 12♐16.9 | 20♑16.3 | 20♒02.7 | 28♐38.6 | 27♑26.4 | 21♒43.8 | 19♓04.1 | 22♒14.6 | 01♑01.2 | 09♒44!4 |
| 26 dez | 18 21 25.3 | 05♑05.6 | 24♐07.3 | 21♑45.8 | 21♒09.8 | 29♐23.5 | 27♑40.0 | 21♒44.5 | 19♓05.5 | 22♒16.3 | 01♑03.3 | 09♒37!7 |
| 27 dez | 18 25 21.8 | 06♑06.7 | 05♑56.6 | 23♑14.2 | 22♒16.7 | 00♑08.4 | 27♑53.6 | 21♒45.0 | 19♓07.0 | 22♒18.0 | 01♑05.5 | 09♒32!2 |
| 28 dez | 18 29 18.4 | 07♑07.9 | 17♑46.5 | 24♑41.0 | 23♒23.4 | 00♑53.4 | 28♑07.3 | 21♒45.4 | 19♓08.5 | 22♒19.7 | 01♑07.7 | 09♒28!2 |
| 29 dez | 18 33 14.9 | 08♑09.1 | 29♑38.9 | 26♑06.1 | 24♒29.8 | 01♑38.4 | 28♑21.0 | 21♒45.7 | 19♓10.1 | 22♒21.5 | 01♑09.9 | 09♒26!1 |
| 30 dez | 18 37 11.5 | 09♑10.2 | 11♒36.0 | 27♑29.0 | 25♒36.1 | 02♑23.5 | 28♑34.7 | 21♒45.9 | 19♓11.7 | 22♒23.3 | 01♑12.1 | 09♒25.6 |
| 31 dez | 18 41 8.0 | 10♑11.4 | 23♒40.3 | 28♑49.4 | 26♒42.0 | 03♑08.6 | 28♑48.5 | 21♒46.0 | 19♓13.4 | 22♒25.0 | 01♑14.3 | 09♒26.5 |

## Declinação dos Astros

Tropical Ephemeris - segunda-feira, 01 dez 2008 at noon, Greenwich  SVP = 05♓07'88"  True Ayanamsa = 23d 59m 06s
Julian Day = 2454802.0  Geocentric - An '!' symbol instead of a '.' denotes a Rx planet.

| Decl. | Sidereal Time | Sun | Moon | Mercury | Venus | Mars | Jupiter | Saturn | Uranus | Neptune | Pluto | N. Node |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | h m s | ° ' | ° ' | ° ' | ° ' | ° ' | ° ' | ° ' | ° ' | ° ' | ° ' | ° ' |
| 01 dez | 16 42 51.4 | 21 s 54.1 | 23 s 34.8 | 23 s 30.9 | 23 s 56.1 | 22 s 30.0 | 21 s 58.3 | 05 n 20.9 | 05 s 09.8 | 14 s 36.2 | 17 s 41.4 | 17 s 28.3 |
| 02 dez | 16 46 47.9 | 22 s 02.9 | 20 s 18.1 | 23 s 47.8 | 23 s 44.2 | 22 s 36.6 | 21 s 56.4 | 05 n 19.9 | 05 s 09.7 | 14 s 35.9 | 17 s 41.5 | 17 s 28.9 |
| 03 dez | 16 50 44.5 | 22 s 11.4 | 16 s 09.2 | 24 s 03.6 | 23 s 31.5 | 22 s 43.0 | 21 s 54.4 | 05 n 19.0 | 05 s 09.6 | 14 s 35.6 | 17 s 41.7 | 17 s 29.0 |
| 04 dez | 16 54 41.0 | 22 s 19.3 | 11 s 17.8 | 24 s 18.1 | 23 s 18.3 | 22 s 49.1 | 21 s 52.4 | 05 n 18.0 | 05 s 09.4 | 14 s 35.2 | 17 s 41.8 | 17 s 28.8 |
| 05 dez | 16 58 37.6 | 22 s 26.9 | 05 s 53.6 | 24 s 31.3 | 23 s 04.4 | 22 s 55.1 | 21 s 50.4 | 05 n 17.1 | 05 s 09.2 | 14 s 34.9 | 17 s 42.0 | 17 s 28.6 |
| 06 dez | 17 2 34.2 | 22 s 34.0 | 00 s 06.5 | 24 s 43.2 | 22 s 49.9 | 23 s 00.8 | 21 s 48.3 | 05 n 16.3 | 05 s 09.0 | 14 s 34.5 | 17 s 42.1 | 17 s 28.6 |
| 07 dez | 17 6 30.7 | 22 s 40.7 | 05 n 51.7 | 24 s 53.8 | 22 s 34.8 | 23 s 06.3 | 21 s 46.3 | 05 n 15.5 | 05 s 08.8 | 14 s 34.2 | 17 s 42.3 | 17 s 29.2 |
| 08 dez | 17 10 27.3 | 22 s 47.0 | 11 n 46.4 | 25 s 03.1 | 22 s 19.1 | 23 s 11.6 | 21 s 44.2 | 05 n 14.7 | 05 s 08.5 | 14 s 33.8 | 17 s 42.4 | 17 s 30.3 |
| 09 dez | 17 14 23.8 | 22 s 52.7 | 17 n 17.5 | 25 s 11.1 | 22 s 02.8 | 23 s 16.6 | 21 s 42.0 | 05 n 14.0 | 05 s 08.3 | 14 s 33.4 | 17 s 42.5 | 17 s 32.0 |
| 10 dez | 17 18 20.4 | 22 s 58.1 | 21 n 59.3 | 25 s 17.6 | 21 s 45.9 | 23 s 21.4 | 21 s 39.9 | 05 n 13.3 | 05 s 08.0 | 14 s 33.0 | 17 s 42.7 | 17 s 34.1 |
| 11 dez | 17 22 16.9 | 23 s 03.0 | 25 n 21.6 | 25 s 22.8 | 21 s 28.5 | 23 s 26.0 | 21 s 37.7 | 05 n 12.6 | 05 s 07.7 | 14 s 32.6 | 17 s 42.8 | 17 s 36.3 |
| 12 dez | 17 26 13.5 | 23 s 07.4 | 26 n 56.6 | 25 s 26.6 | 21 s 10.6 | 23 s 30.3 | 21 s 35.5 | 05 n 12.0 | 05 s 07.3 | 14 s 32.1 | 17 s 42.9 | 17 s 38.4 |
| 13 dez | 17 30 10.0 | 23 s 11.4 | 26 n 28.6 | 25 s 28.9 | 20 s 52.1 | 23 s 34.5 | 21 s 33.2 | 05 n 11.5 | 05 s 07.0 | 14 s 31.7 | 17 s 43.0 | 17 s 40.1 |
| 14 dez | 17 34 6.6 | 23 s 14.9 | 24 n 01.9 | 25 s 29.8 | 20 s 33.0 | 23 s 38.3 | 21 s 30.9 | 05 n 10.9 | 05 s 06.6 | 14 s 31.3 | 17 s 43.1 | 17 s 41.2 |
| 15 dez | 17 38 3.2 | 23 s 17.9 | 19 n 58.2 | 25 s 29.2 | 20 s 13.5 | 23 s 41.9 | 21 s 28.6 | 05 n 10.5 | 05 s 06.2 | 14 s 30.8 | 17 s 43.2 | 17 s 41.7 |
| 16 dez | 17 41 59.7 | 23 s 20.5 | 14 n 47.5 | 25 s 27.1 | 19 s 53.5 | 23 s 45.3 | 21 s 26.3 | 05 n 10.0 | 05 s 05.8 | 14 s 30.4 | 17 s 43.3 | 17 s 41.7 |
| 17 dez | 17 45 56.3 | 23 s 22.6 | 08 n 58.9 | 25 s 23.5 | 19 s 33.0 | 23 s 48.5 | 21 s 23.9 | 05 n 09.6 | 05 s 05.4 | 14 s 29.9 | 17 s 43.5 | 17 s 41.4 |
| 18 dez | 17 49 52.8 | 23 s 24.3 | 02 n 56.1 | 25 s 18.5 | 19 s 12.0 | 23 s 51.3 | 21 s 21.5 | 05 n 09.3 | 05 s 05.0 | 14 s 29.4 | 17 s 43.6 | 17 s 41.1 |
| 19 dez | 17 53 49.4 | 23 s 25.5 | 03 s 02.8 | 25 s 11.9 | 18 s 50.6 | 23 s 54.0 | 21 s 19.1 | 05 n 09.0 | 05 s 04.5 | 14 s 28.9 | 17 s 43.6 | 17 s 40.9 |
| 20 dez | 17 57 45.9 | 23 s 26.2 | 08 s 44.0 | 25 s 03.8 | 18 s 28.7 | 23 s 56.4 | 21 s 16.7 | 05 n 08.7 | 05 s 04.0 | 14 s 28.4 | 17 s 43.7 | 17 s 41.2 |
| 21 dez | 18 1 42.5 | 23 s 26.4 | 13 s 56.2 | 24 s 54.2 | 18 s 06.3 | 23 s 58.5 | 21 s 14.2 | 05 n 08.5 | 05 s 03.5 | 14 s 27.9 | 17 s 43.8 | 17 s 41.9 |
| 22 dez | 18 5 39.0 | 23 s 26.2 | 18 s 29.2 | 24 s 43.1 | 17 s 43.6 | 24 s 00.4 | 21 s 11.7 | 05 n 08.3 | 05 s 03.0 | 14 s 27.4 | 17 s 43.9 | 17 s 43.2 |
| 23 dez | 18 9 35.6 | 23 s 25.5 | 22 s 13.0 | 24 s 30.5 | 17 s 20.4 | 24 s 02.0 | 21 s 09.2 | 05 n 08.2 | 05 s 02.5 | 14 s 26.9 | 17 s 44.0 | 17 s 44.8 |
| 24 dez | 18 13 32.2 | 23 s 24.3 | 24 s 58.0 | 24 s 16.4 | 16 s 56.9 | 24 s 03.4 | 21 s 06.6 | 05 n 08.1 | 05 s 01.9 | 14 s 26.4 | 17 s 44.1 | 17 s 46.7 |
| 25 dez | 18 17 28.7 | 23 s 22.6 | 26 s 35.7 | 24 s 00.8 | 16 s 33.0 | 24 s 04.5 | 21 s 04.0 | 05 n 08.1 | 05 s 01.3 | 14 s 25.9 | 17 s 44.1 | 17 s 48.7 |
| 26 dez | 18 21 25.3 | 23 s 20.5 | 27 s 00.5 | 23 s 43.9 | 16 s 08.7 | 24 s 05.4 | 21 s 01.4 | 05 n 08.1 | 05 s 00.7 | 14 s 25.3 | 17 s 44.2 | 17 s 50.4 |
| 27 dez | 18 25 21.8 | 23 s 17.9 | 26 s 11.0 | 23 s 25.5 | 15 s 44.0 | 24 s 06.0 | 20 s 58.8 | 05 n 08.1 | 05 s 00.1 | 14 s 24.8 | 17 s 44.3 | 17 s 51.9 |
| 28 dez | 18 29 18.4 | 23 s 14.9 | 24 s 10.3 | 23 s 05.9 | 15 s 19.0 | 24 s 06.4 | 20 s 56.1 | 05 n 08.2 | 04 s 59.5 | 14 s 24.2 | 17 s 44.3 | 17 s 53.0 |
| 29 dez | 18 33 14.9 | 23 s 11.3 | 21 s 05.6 | 22 s 45.0 | 14 s 53.7 | 24 s 06.5 | 20 s 53.4 | 05 n 08.3 | 04 s 58.8 | 14 s 23.6 | 17 s 44.4 | 17 s 53.5 |
| 30 dez | 18 37 11.5 | 23 s 07.4 | 17 s 06.9 | 22 s 23.0 | 14 s 28.1 | 24 s 06.3 | 20 s 50.7 | 05 n 08.5 | 04 s 58.2 | 14 s 23.1 | 17 s 44.5 | 17 s 53.7 |
| 31 dez | 18 41 8.0 | 23 s 02.9 | 12 s 24.7 | 21 s 59.9 | 14 s 02.2 | 24 s 05.9 | 20 s 48.0 | 05 n 08.7 | 04 s 57.5 | 14 s 22.5 | 17 s 44.5 | 17 s 53.4 |