

EFEMÉRIDES CIENTÍFICA E SIMPLIFICADA – ROSACRUZ

CALCULADA PARA O MEIO-DIA DE GREENWICH

JANEIRO DE 2016

Longitude dos Astros

Tropical Ephemeris - sexta-feira, 01 jan 2016 at noon, Greenwich SVP = 05 x 02.18 True Ayanansa = 24d 04m 48s
 Julian Day = 2457389.0 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 20.1 | 10 v29.5 | 02 s37.5 | 29 v37.8 | 02 s39.9 | 28 s50.0 | 23 m09.9 | 11 s11.8 | 16 r34.5 | 07 x33.5 | 15 v03.9 | 24 m52.9 |
| 02 jan | 18 46 16.7 | 11 v30.7 | 14 s25.5 | 00 s13.3 | 03 s52.8 | 29 s23.3 | 23 m11.1 | 11 s18.3 | 16 r34.9 | 07 x34.9 | 15 v06.0 | 24 m53.10 |
| 03 jan | 18 50 13.2 | 12 v31.8 | 26 s14.5 | 00 s39.8 | 05 s05.7 | 29 s56.5 | 23 m12.1 | 11 s24.8 | 16 r35.3 | 07 x36.4 | 15 v08.1 | 24 m52.10 |
| 04 jan | 18 54 9.8 | 13 v33.0 | 08 m09.7 | 00 s56.5 | 06 s18.7 | 00 m18.7 | 23 m13.0 | 11 s31.2 | 16 r35.7 | 07 x37.9 | 15 v10.2 | 24 m49.11 |
| 05 jan | 18 58 6.3 | 14 v34.2 | 20 m16.2 | 01 s02.6 | 07 s31.8 | 01 m02.6 | 23 m13.6 | 11 s37.6 | 16 r36.3 | 07 x39.4 | 15 v12.2 | 24 m43.16 |
| 06 jan | 19 2 2.9 | 15 v35.3 | 02 s38.0 | 00 s57.4 | 08 s44.9 | 01 m35.5 | 23 m14.0 | 11 s43.9 | 16 r36.8 | 07 x40.9 | 15 v14.3 | 24 m35.15 |
| 07 jan | 19 5 59.5 | 16 v36.5 | 15 s18.0 | 00 s40.4 | 09 s58.0 | 02 m08.3 | 23 m14.2 | 11 s50.2 | 16 r37.4 | 07 x42.5 | 15 v16.4 | 24 m25.12 |
| 08 jan | 19 9 56.0 | 17 v37.7 | 28 s17.4 | 00 s11.6 | 11 s11.2 | 02 m41.1 | 23 m14.3 | 11 s56.4 | 16 r38.1 | 07 x44.1 | 15 v18.5 | 24 m13.14 |
| 09 jan | 19 13 52.6 | 18 v38.9 | 11 m36.0 | 29 v31.2 | 12 s24.5 | 03 m13.7 | 23 m14.1 | 12 s02.6 | 16 r38.8 | 07 x45.7 | 15 v20.6 | 24 m01.13 |
| 10 jan | 19 17 49.1 | 19 v40.0 | 25 m11.8 | 28 v39.9 | 13 s37.8 | 03 m46.2 | 23 m13.8 | 12 s08.8 | 16 r39.6 | 07 x47.4 | 15 v22.6 | 23 m50.12 |
| 11 jan | 19 21 45.7 | 20 v41.2 | 09 s01.6 | 27 v38.9 | 14 s51.1 | 04 m18.6 | 23 m13.2 | 12 s14.9 | 16 r40.4 | 07 x49.0 | 15 v24.7 | 23 m41.10 |
| 12 jan | 19 25 42.2 | 21 v42.3 | 23 s01.4 | 26 v39.9 | 16 s04.5 | 04 m51.0 | 23 m12.5 | 12 s20.9 | 16 r41.3 | 07 x50.7 | 15 v26.8 | 23 m34.16 |
| 13 jan | 19 29 38.8 | 22 v43.5 | 07 s07.4 | 25 v45.1 | 17 s17.9 | 05 m23.2 | 23 m11.5 | 12 s27.0 | 16 r42.2 | 07 x52.5 | 15 v28.8 | 23 m30.19 |
| 14 jan | 19 33 35.3 | 23 v44.6 | 21 s16.1 | 23 v56.9 | 18 s31.4 | 05 s55.3 | 23 m10.4 | 12 s32.9 | 16 r43.2 | 07 x54.2 | 15 v30.9 | 23 m29.18 |
| 15 jan | 19 37 31.9 | 24 v45.8 | 05 s25.2 | 22 v37.5 | 19 s44.8 | 06 m27.3 | 23 m09.1 | 12 s38.8 | 16 r44.2 | 07 x56.0 | 15 v33.0 | 23 m30.1 |
| 16 jan | 19 41 28.5 | 25 v46.9 | 19 s32.8 | 21 v19.6 | 20 s58.3 | 06 m59.2 | 23 m07.6 | 12 s44.6 | 16 r45.3 | 07 x57.7 | 15 v35.0 | 23 m30.9 |
| 17 jan | 19 45 25.0 | 26 v48.0 | 03 s38.0 | 20 v05.6 | 22 s11.9 | 07 m30.9 | 23 m05.9 | 12 s50.4 | 16 r46.4 | 07 x59.6 | 15 v37.1 | 23 m30.18 |
| 18 jan | 19 49 21.6 | 27 v49.1 | 17 s39.7 | 18 v57.2 | 23 s25.5 | 08 m02.6 | 23 m04.0 | 12 s56.2 | 16 r47.6 | 08 x01.4 | 15 v39.1 | 23 m28.19 |
| 19 jan | 19 53 18.1 | 28 v50.2 | 01 m36.9 | 17 v56.0 | 24 s39.1 | 08 m34.1 | 23 m01.9 | 13 s01.9 | 16 r48.8 | 08 x03.2 | 15 v41.2 | 23 m24.17 |
| 20 jan | 19 57 14.7 | 29 v51.2 | 15 s27.8 | 17 v03.1 | 25 s52.7 | 09 m05.6 | 22 s59.6 | 13 s07.5 | 16 r50.1 | 08 x05.1 | 15 v43.2 | 23 m18.12 |
| 21 jan | 20 1 11.2 | 00 s52.3 | 29 m10.1 | 16 v19.1 | 27 s06.4 | 09 m36.9 | 22 s57.2 | 13 s13.0 | 16 r51.4 | 08 x07.0 | 15 v45.2 | 23 m09.19 |
| 22 jan | 20 5 7.8 | 01 s53.3 | 12 s41.3 | 15 v44.5 | 28 s20.1 | 10 m08.1 | 22 s54.5 | 13 s18.5 | 16 r52.7 | 08 x08.9 | 15 v47.2 | 23 m00.16 |
| 23 jan | 20 9 4.3 | 02 s54.3 | 25 s58.9 | 15 v19.2 | 29 s33.8 | 10 m39.1 | 22 s51.7 | 13 s24.0 | 16 r54.2 | 08 x10.8 | 15 v49.2 | 22 s51.14 |
| 24 jan | 20 13 0.9 | 03 s55.3 | 09 m00.9 | 15 v02.9 | 00 v47.6 | 11 m10.1 | 22 m48.7 | 13 s29.4 | 16 r55.6 | 08 x12.8 | 15 v51.2 | 22 m43.13 |
| 25 jan | 20 16 57.4 | 04 s56.3 | 21 m46.3 | 14 v55.4 | 02 v01.3 | 11 m40.9 | 22 m45.5 | 13 s34.7 | 16 r57.1 | 08 x14.8 | 15 v53.2 | 22 m37.10 |
| 26 jan | 20 20 54.0 | 05 s57.3 | 04 m15.3 | 14 v56.1 | 03 v15.1 | 12 m11.6 | 22 m42.1 | 13 s39.9 | 16 r58.7 | 08 x16.7 | 15 v55.2 | 22 m32.19 |
| 27 jan | 20 24 50.6 | 06 s58.3 | 16 m29.3 | 15 v04.5 | 04 v29.0 | 12 m42.1 | 22 m38.6 | 13 s45.1 | 17 r00.3 | 08 x18.7 | 15 v57.2 | 22 m31.10 |
| 28 jan | 20 28 47.1 | 07 s59.3 | 28 m30.9 | 15 v20.0 | 05 v42.8 | 13 m12.5 | 22 m34.8 | 13 s50.2 | 17 r01.9 | 08 x20.8 | 15 v59.1 | 22 m30.9 |
| 29 jan | 20 32 43.7 | 08 s00.2 | 10 s23.8 | 15 v42.1 | 06 v56.7 | 13 m42.8 | 22 m30.9 | 13 s55.3 | 17 r03.6 | 08 x22.8 | 16 v01.1 | 22 m32.1 |
| 30 jan | 20 36 40.2 | 10 s01.1 | 22 s12.4 | 16 v10.1 | 08 v10.6 | 14 m12.9 | 22 m26.9 | 14 s00.3 | 17 r05.4 | 08 x24.8 | 16 v03.0 | 22 m33.8 |
| 31 jan | 20 40 36.8 | 11 s02.1 | 04 m01.6 | 16 v43.7 | 09 v24.6 | 14 m42.9 | 22 m22.6 | 14 s05.2 | 17 r07.1 | 08 x26.9 | 16 v04.9 | 22 m35.1 |

Declinação dos Astros

Tropical Ephemeris - sexta-feira, 01 jan 2016 at noon, Greenwich SVP = 05 x 02.18 True Ayanansa = 24d 04m 48s
 Julian Day = 2457389.0 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 20.1 | 23 s01.2 | 00 s24.9 | 20 s51.8 | 18 s44.9 | 09 s39.4 | 03 n51.2 | 20 s30.0 | 05 n55.7 | 09 s28.2 | 21 s00.4 | 02 n02.0 |
| 02 jan | 18 46 16.7 | 22 s56.2 | 04 s07.1 | 20 s30.2 | 19 s00.4 | 09 s51.1 | 03 n51.0 | 20 s30.9 | 05 n55.9 | 09 s27.6 | 21 s00.3 | 02 n02.0 |
| 03 jan | 18 50 13.2 | 22 s50.7 | 07 s39.7 | 20 s09.3 | 19 s15.5 | 10 s02.7 | 03 n50.9 | 20 s31.7 | 05 n56.1 | 09 s27.1 | 21 s00.2 | 02 n02.3 |
| 04 jan | 18 54 9.8 | 22 s44.7 | 10 s55.7 | 19 s49.6 | 19 s30.4 | 10 s14.3 | 03 n50.8 | 20 s32.6 | 05 n56.3 | 09 s26.5 | 21 s00.0 | 02 n03.5 |
| 05 jan | 18 58 6.3 | 22 s38.3 | 13 s47.1 | 19 s31.2 | 19 s44.1 | 10 s25.7 | 03 n50.8 | 20 s33.4 | 05 n56.5 | 09 s25.9 | 20 s59.9 | 02 n05.7 |
| 06 jan | 19 2 2.9 | 22 s31.4 | 16 s05.1 | 19 s14.5 | 19 s57.7 | 10 s37.1 | 03 n50.9 | 20 s34.2 | 05 n56.8 | 09 s25.3 | 20 s59.8 | 02 n08.9 |
| 07 jan | 19 5 59.5 | 22 s24.1 | 17 s40.2 | 18 s59.7 | 20 s10.7 | 10 s48.4 | 03 n51.1 | 20 s35.0 | 05 n57.0 | 09 s24.7 | 20 s59.6 | 02 n13.0 |
| 08 jan | 19 9 56.0 | 22 s16.4 | 18 s23.5 | 18 s47.2 | 20 s23.2 | 10 s59.6 | 03 n51.3 | 20 s35.8 | 05 n57.3 | 09 s24.1 | 20 s59.5 | 02 n17.7 |
| 09 jan | 19 13 52.6 | 22 s08.2 | 18 s07.9 | 18 s36.9 | 20 s35.1 | 11 s10.7 | 03 n51.6 | 20 s36.6 | 05 n57.6 | 09 s23.5 | 20 s59.3 | 02 n22.4 |
| 10 jan | 19 17 49.1 | 21 s59.6 | 16 s50.4 | 18 s29.1 | 20 s46.5 | 11 s21.7 | 03 n52.0 | 20 s37.3 | 05 n58.0 | 09 s22.9 | 20 s59.2 | 02 n26.8 |
| 11 jan | 19 21 45.7 | 21 s50.6 | 14 s33.2 | 18 s23.7 | 20 s57.3 | 11 s32.6 | 03 n52.5 | 20 s38.1 | 05 n58.3 | 09 s22.3 | 20 s59.1 | 02 n30.5 |
| 12 jan | 19 25 42.2 | 21 s41.1 | 11 s23.6 | 18 s20.7 | 21 s07.5 | 11 s43.5 | 03 n53.0 | 20 s38.8 | 05 n58.7 | 09 s21.6 | 20 s58.9 | 02 n33.0 |
| 13 jan | 19 29 38.8 | 21 s31.2 | 07 s33.4 | 18 s19.8 | 21 s17.2 | 11 s54.2 | 03 n53.7 | 20 s39.6 | 05 n59.1 | 09 s21.0 | 20 s58.8 | 02 n34.7 |
| 14 jan | 19 33 35.3 | 21 s20.9 | 03 s16.7 | 18 s20.9 | 21 s26.3 | 12 s04.9 | 03 n54.4 | 20 s40.3 | 05 n59.5 | 09 s20.3 | 20 s58.6 | 02 n34.9 |
| 15 jan | 19 37 31.9 | 21 s10.2 | 01 n10.9 | 18 s23.8 | 21 s34.7 | 12 s15.4 | 03 n55.1 | 20 s41.0 | 05 n59.9 | 09 s19.6 | 20 s58.5 | 02 n34.8 |
| 16 jan | 19 41 28.5 | 20 s59.1 | 05 n33.9 | 18 s28.2 | 21 s42.6 | 12 s25.9 | 03 n56.0 | 20 s41.7 | 06 n00.4 | 09 s19.0 | 20 s58.3 | 02 n34.5 |
| 17 jan | 19 45 25.0 | 20 s47.6 | 09 n37.2 | 18 s33.9 | 21 s49.8 | 12 s36.2 | 03 n56.9 | 20 s42.3 | 06 n00.8 | 09 s18.3 | 20 s58.2 | 02 n34.5 |
| 18 jan | 19 49 21.6 | 20 s35.6 | 13 n06.7 | 18 s40.7 | 21 s56.4 | 12 s46.5 | 03 n57.9 | 20 s43.0 | 06 n01.3 | 09 s17.6 | 20 s58.0 | 02 n35.0 |
| 19 jan | 19 53 18.1 | 20 s23.3 | 15 n49.9 | 18 s48.3 | 22 s02.4 | 12 s56.6 | 03 n59.0 | 20 s43.6 | 06 n01.8 | 09 s16.9 | 20 s57.9 | 02 n36.9 |
| 20 jan | 19 57 14.7 | 20 s10.6 | 17 n36.8 | 18 s56.6 | 22 s07.8 | 13 s06.7 | 04 n00.1 | 20 s44.3 | 06 n02.3 | 09 s16.2 | 20 s57.7 | 02 n39.5 |
| 21 jan | 20 1 11.2 | 19 s57.6 | 18 n21.4 | 19 s05.5 | 22 s12.5 | 13 s16.6 | 04 n01.4 | 20 s44.9 | 06 n02.9 | 09 s15.5 | 20 s57.6 | 02 n42.8 |
| 22 jan | 20 5 7.8 | 19 s44.1 | 18 n02.4 | 19 s14.7 | 22 s16.5 | 13 s26.5 | 04 n02.6 | 20 s45.5 | 06 n03.4 | 09 s14.8 | 20 s57.4 | 02 n46.4 |
| 23 jan | 20 9 4.3 | 19 s30.3 | 16 n44.1 | 19 s24.1 | 22 s19.9 | 13 s36.3 | 04 n04.0 | 20 s46.1 | 06 n04.0 | 09 s14.0 | 20 s57.3 | 02 n50.1 |
| 24 jan | 20 13 0.9 | 19 s16.2 | 14 n34.6 | 19 s33.6 | 22 s22.7 | 13 s45.9 | 04 n05.4 | 20 s46.7 | 06 n04.6 | 09 s13.3 | 20 s57.1 | 02 n53.3 |
| 25 jan | 20 16 57.4 | 19 s01.7 | 11 n44.8 | 19 s43.0 | 22 s24.8 | 13 s55.5 | 04 n06.9 | 20 s47.3 | 06 n05.2 | 09 s12.6 | 20 s57.0 | 02 n55.8 |
| 26 jan | 20 20 54.0 | 18 s46.8 | 08 n26.3 | 19 s52.3 | 22 s26.2 | 14 s05.0 | 04 n08.5 | 20 s47.8 | 06 n05.8 | 09 s11.8 | 20 s56.8 | 02 n57.4 |
| 27 jan | 20 24 50.6 | 18 s31.6 | 04 n49.9 | 20 s01.3 | 22 s27.0 | 14 s14.3 | 04 n10.1 | 20 s48.4 | 06 n06.5 | 09 s11.1 | 20 s56.7 | 02 n58.2 |
| 28 jan | 20 28 47.1 | 18 s16.0 | 01 n05.3 | 20 s09.8 | 22 s27.1 | 14 s23.6 | 04 n11.9 | 20 s48.9 | 06 n07.1 | 09 s10.3 | 20 s56.5 | 02 n58.2 |
| 29 jan | 20 32 43.7 | 18 s00.1 | 02 s39.0 | 20 s17.9 | 22 s26.4 | 14 s32.7 | 04 n13.6 | 20 s49.4 | 06 n07.8 | 09 s09.5 | 20 s56.3 | 02 n57.7 |
| 30 jan | 20 36 40.2 | 17 s43.9 | 06 s15.4 | 20 s25.4 | 22 s25.3 | 14 s41.8 | 04 n15.5 | 20 s49.9 | 06 n08.5 | 09 s08.8 | 20 s56.2 | 02 n57.0 |
| 31 jan | 20 40 36.8 | 17 s27.4 | 09 s37.1 | 20 s32.2 | 22 s23.4 | 14 s50.7 | 04 n17.4 | 20 s50.4 | 06 n09.2 | 09 s08.0 | 20 s56.0 | 02 n56.5 |

FEVEREIRO DE 2016

Longitude dos Astros

Tropical Ephemeris - segunda-feira, 01 fev 2016 at noon, Greenwich SVP = 05x02.12 True Ayanamsa = 24d 04m 52s
 Julian Day = 2457420.0 Geocentric - An '!' symbol instead of a '.' denotes a Rx planet.

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|--------|---------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| | h m s | | | | | | | | | | | |
| 01 fev | 20 44 33.3 | 12 03.0 | 15 56.7 | 17 22.2 | 10 38.5 | 15 12.7 | 22 18.2 | 14 10.0 | 17 09.0 | 08 29.0 | 16 06.9 | 22 35.3 |
| 02 fev | 20 48 29.9 | 13 03.9 | 28 02.8 | 18 05.3 | 11 52.5 | 15 42.4 | 22 13.6 | 14 14.8 | 17 10.8 | 08 31.1 | 16 08.8 | 22 33.9 |
| 03 fev | 20 52 26.4 | 14 04.8 | 10 24.8 | 18 52.5 | 13 06.5 | 16 11.9 | 22 08.9 | 14 19.5 | 17 12.8 | 08 33.2 | 16 10.7 | 22 30.8 |
| 04 fev | 20 56 23.0 | 15 05.7 | 23 06.7 | 19 43.5 | 14 20.5 | 16 41.3 | 22 04.0 | 14 24.2 | 17 14.7 | 08 35.3 | 16 12.5 | 22 26.2 |
| 05 fev | 21 0 19.6 | 16 06.5 | 06 11.3 | 20 37.9 | 15 34.6 | 17 10.5 | 21 58.9 | 14 28.7 | 17 16.7 | 08 37.4 | 16 14.4 | 22 20.4 |
| 06 fev | 21 4 16.1 | 17 07.4 | 19 39.5 | 21 35.5 | 16 48.6 | 17 39.5 | 21 53.7 | 14 33.2 | 17 18.8 | 08 39.6 | 16 16.2 | 22 14.3 |
| 07 fev | 21 8 12.7 | 18 08.2 | 03 30.4 | 22 35.9 | 18 02.7 | 18 08.4 | 21 48.3 | 14 37.6 | 17 20.8 | 08 41.7 | 16 18.1 | 22 08.6 |
| 08 fev | 21 12 9.2 | 19 09.0 | 17 40.9 | 23 38.9 | 19 16.8 | 18 37.0 | 21 42.8 | 14 41.9 | 17 23.0 | 08 43.9 | 16 19.9 | 22 03.9 |
| 09 fev | 21 16 5.8 | 20 09.8 | 02 06.0 | 24 44.3 | 20 30.8 | 19 05.5 | 21 37.1 | 14 46.2 | 17 25.1 | 08 46.1 | 16 21.7 | 22 00.8 |
| 10 fev | 21 20 2.3 | 21 10.6 | 16 39.9 | 25 52.0 | 21 44.9 | 19 33.8 | 21 31.3 | 14 50.3 | 17 27.3 | 08 48.3 | 16 23.5 | 21 59.6 |
| 11 fev | 21 23 58.9 | 22 11.3 | 01 16.3 | 27 01.7 | 22 59.1 | 20 01.9 | 21 25.4 | 14 54.4 | 17 29.6 | 08 50.5 | 16 25.3 | 21 59.6 |
| 12 fev | 21 27 55.4 | 23 12.0 | 15 49.4 | 28 13.3 | 24 13.2 | 20 29.9 | 21 19.3 | 14 58.4 | 17 31.9 | 08 52.7 | 16 27.0 | 22 00.8 |
| 13 fev | 21 31 52.0 | 24 12.7 | 00 14.7 | 29 26.7 | 25 27.3 | 20 57.6 | 21 13.1 | 15 02.4 | 17 34.2 | 08 54.9 | 16 28.7 | 22 02.4 |
| 14 fev | 21 35 48.6 | 25 13.4 | 14 29.0 | 00 41.8 | 26 41.4 | 21 25.1 | 21 06.7 | 15 06.2 | 17 36.6 | 08 57.1 | 16 30.5 | 22 03.6 |
| 15 fev | 21 39 45.1 | 26 14.0 | 28 30.5 | 01 58.4 | 27 55.6 | 21 52.4 | 21 00.3 | 15 10.0 | 17 39.0 | 08 59.3 | 16 32.2 | 22 03.9 |
| 16 fev | 21 43 41.7 | 27 14.6 | 12 18.3 | 03 16.5 | 29 09.7 | 22 19.5 | 20 53.7 | 15 13.6 | 17 41.4 | 09 01.6 | 16 33.8 | 22 03.1 |
| 17 fev | 21 47 38.2 | 28 15.2 | 25 52.1 | 04 36.1 | 00 23.8 | 22 46.4 | 20 47.1 | 15 17.2 | 17 43.9 | 09 03.8 | 16 35.5 | 22 01.1 |
| 18 fev | 21 51 34.8 | 29 15.7 | 09 12.0 | 05 56.9 | 01 38.0 | 23 13.1 | 20 40.3 | 15 20.7 | 17 46.4 | 09 06.1 | 16 37.1 | 21 58.2 |
| 19 fev | 21 55 31.3 | 00 16.2 | 22 18.3 | 07 19.1 | 02 52.2 | 23 39.6 | 20 33.4 | 15 24.1 | 17 48.9 | 09 08.3 | 16 38.8 | 21 54.8 |
| 20 fev | 21 59 27.9 | 01 16.7 | 05 11.1 | 08 42.5 | 04 06.3 | 24 05.8 | 20 26.4 | 15 27.5 | 17 51.5 | 09 10.6 | 16 40.4 | 21 51.4 |
| 21 fev | 22 3 24.4 | 02 17.2 | 17 51.0 | 10 07.1 | 05 20.5 | 24 31.8 | 20 19.4 | 15 30.7 | 17 54.1 | 09 12.8 | 16 41.9 | 21 48.5 |
| 22 fev | 22 7 21.0 | 03 17.6 | 00 18.4 | 11 32.9 | 06 34.7 | 24 57.6 | 20 12.2 | 15 33.8 | 17 56.7 | 09 15.1 | 16 43.5 | 21 46.3 |
| 23 fev | 22 11 17.6 | 04 18.0 | 12 34.1 | 12 59.8 | 07 48.9 | 25 23.1 | 20 05.0 | 15 36.9 | 17 59.4 | 09 17.4 | 16 45.0 | 21 45.1 |
| 24 fev | 22 15 14.1 | 05 18.4 | 24 39.6 | 14 27.8 | 09 03.1 | 25 48.4 | 19 57.7 | 15 39.9 | 18 02.1 | 09 19.7 | 16 46.5 | 21 44.9 |
| 25 fev | 22 19 10.7 | 06 18.7 | 06 36.8 | 15 56.9 | 10 17.2 | 26 13.5 | 19 50.3 | 15 42.8 | 18 04.8 | 09 21.9 | 16 48.0 | 21 45.5 |
| 26 fev | 22 23 7.2 | 07 19.0 | 18 28.1 | 17 27.1 | 11 31.5 | 26 38.3 | 19 42.8 | 15 45.5 | 18 07.6 | 09 24.2 | 16 49.5 | 21 46.6 |
| 27 fev | 22 27 3.8 | 08 19.3 | 00 16.7 | 18 58.3 | 12 45.7 | 27 02.8 | 19 35.3 | 15 48.2 | 18 10.4 | 09 26.5 | 16 51.0 | 21 47.9 |
| 28 fev | 22 31 0.3 | 09 19.6 | 12 06.3 | 20 30.6 | 13 59.9 | 27 27.1 | 19 27.7 | 15 50.8 | 18 13.2 | 09 28.8 | 16 52.4 | 21 49.2 |
| 29 fev | 22 34 56.9 | 10 19.9 | 24 01.2 | 22 04.0 | 15 14.1 | 27 51.0 | 19 20.1 | 15 53.3 | 18 16.0 | 09 31.0 | 16 53.8 | 21 50.2 |

Declinação dos Astros

Tropical Ephemeris - segunda-feira, 01 fev 2016 at noon, Greenwich SVP = 05x02.12 True Ayanamsa = 24d 04m 52s
 Julian Day = 2457420.0 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 33.3 | 17 s 10.6 | 12 s 36.7 | 20 s 38.3 | 22 s 20.9 | 14 s 59.5 | 04 n 19.3 | 20 s 50.9 | 06 n 10.0 | 09 s 07.2 | 20 s 55.9 | 02 n 56.5 |
| 02 fev | 20 48 29.9 | 16 s 53.5 | 15 s 06.8 | 20 s 43.6 | 22 s 17.6 | 15 s 08.3 | 04 n 21.4 | 20 s 51.4 | 06 n 10.7 | 09 s 06.4 | 20 s 55.7 | 02 n 57.0 |
| 03 fev | 20 52 26.4 | 16 s 36.0 | 16 s 58.9 | 20 s 47.9 | 22 s 13.7 | 15 s 16.9 | 04 n 23.5 | 20 s 51.8 | 06 n 11.5 | 09 s 05.6 | 20 s 55.6 | 02 n 58.2 |
| 04 fev | 20 56 23.0 | 16 s 18.3 | 18 s 04.5 | 20 s 51.4 | 22 s 09.2 | 15 s 25.4 | 04 n 25.6 | 20 s 52.3 | 06 n 12.2 | 09 s 04.8 | 20 s 55.4 | 03 n 00.0 |
| 05 fev | 21 0 19.6 | 16 s 00.3 | 18 s 15.4 | 20 s 53.9 | 22 s 03.9 | 15 s 33.8 | 04 n 27.8 | 20 s 52.7 | 06 n 13.0 | 09 s 04.0 | 20 s 55.3 | 03 n 02.3 |
| 06 fev | 21 4 16.1 | 15 s 42.0 | 17 s 25.8 | 20 s 55.3 | 21 s 58.1 | 15 s 42.1 | 04 n 30.1 | 20 s 53.2 | 06 n 13.8 | 09 s 03.2 | 20 s 55.1 | 03 n 04.7 |
| 07 fev | 21 8 12.7 | 15 s 23.5 | 15 s 33.9 | 20 s 55.7 | 21 s 51.5 | 15 s 50.3 | 04 n 32.4 | 20 s 53.6 | 06 n 14.7 | 09 s 02.4 | 20 s 55.0 | 03 n 07.0 |
| 08 fev | 21 12 9.2 | 15 s 04.7 | 12 s 43.4 | 20 s 55.1 | 21 s 44.3 | 15 s 58.4 | 04 n 34.8 | 20 s 54.0 | 06 n 15.5 | 09 s 01.6 | 20 s 54.8 | 03 n 08.8 |
| 09 fev | 21 16 5.8 | 14 s 45.6 | 09 s 03.7 | 20 s 53.3 | 21 s 36.5 | 16 s 06.4 | 04 n 37.2 | 20 s 54.3 | 06 n 16.4 | 09 s 00.8 | 20 s 54.7 | 03 n 10.1 |
| 10 fev | 21 20 2.3 | 14 s 26.3 | 04 s 48.9 | 20 s 50.3 | 21 s 28.0 | 16 s 14.3 | 04 n 39.7 | 20 s 54.7 | 06 n 17.2 | 08 s 60.0 | 20 s 54.5 | 03 n 10.6 |
| 11 fev | 21 23 58.9 | 14 s 06.7 | 00 s 16.2 | 20 s 46.2 | 21 s 18.8 | 16 s 22.0 | 04 n 42.2 | 20 s 55.1 | 06 n 18.1 | 08 s 59.1 | 20 s 54.4 | 03 n 10.5 |
| 12 fev | 21 27 55.4 | 13 s 46.9 | 04 n 16.1 | 20 s 40.9 | 21 s 09.1 | 16 s 29.7 | 04 n 44.8 | 20 s 55.4 | 06 n 19.0 | 08 s 58.3 | 20 s 54.3 | 03 n 10.1 |
| 13 fev | 21 31 52.0 | 13 s 26.9 | 08 n 30.7 | 20 s 34.4 | 20 s 58.7 | 16 s 37.2 | 04 n 47.4 | 20 s 55.8 | 06 n 19.9 | 08 s 57.5 | 20 s 54.1 | 03 n 09.4 |
| 14 fev | 21 35 48.6 | 13 s 06.7 | 12 n 12.1 | 20 s 26.7 | 20 s 47.7 | 16 s 44.6 | 04 n 50.1 | 20 s 56.1 | 06 n 20.9 | 08 s 56.7 | 20 s 54.0 | 03 n 09.0 |
| 15 fev | 21 39 45.1 | 12 s 46.3 | 15 n 07.8 | 20 s 17.7 | 20 s 36.0 | 16 s 52.0 | 04 n 52.8 | 20 s 56.4 | 06 n 21.8 | 08 s 55.8 | 20 s 53.8 | 03 n 08.8 |
| 16 fev | 21 43 41.7 | 12 s 25.6 | 17 n 08.3 | 20 s 07.6 | 20 s 23.8 | 16 s 59.2 | 04 n 55.6 | 20 s 56.7 | 06 n 22.8 | 08 s 55.0 | 20 s 53.7 | 03 n 09.1 |
| 17 fev | 21 47 38.2 | 12 s 04.8 | 18 n 08.4 | 19 s 56.1 | 20 s 11.0 | 17 s 06.3 | 04 n 58.4 | 20 s 57.0 | 06 n 23.7 | 08 s 54.1 | 20 s 53.6 | 03 n 09.9 |
| 18 fev | 21 51 34.8 | 11 s 43.7 | 18 n 07.0 | 19 s 43.4 | 19 s 57.5 | 17 s 13.3 | 05 n 01.2 | 20 s 57.3 | 06 n 24.7 | 08 s 53.3 | 20 s 53.4 | 03 n 11.1 |
| 19 fev | 21 55 31.3 | 11 s 22.5 | 17 n 07.1 | 19 s 29.5 | 19 s 43.5 | 17 s 20.2 | 05 n 04.0 | 20 s 57.5 | 06 n 25.7 | 08 s 52.5 | 20 s 53.3 | 03 n 12.4 |
| 20 fev | 21 59 27.9 | 11 s 01.1 | 15 n 15.3 | 19 s 14.2 | 19 s 28.9 | 17 s 27.0 | 05 n 06.9 | 20 s 57.8 | 06 n 26.7 | 08 s 51.6 | 20 s 53.2 | 03 n 13.8 |
| 21 fev | 22 3 24.4 | 10 s 39.5 | 12 n 40.6 | 18 s 57.7 | 19 s 13.8 | 17 s 33.7 | 05 n 09.9 | 20 s 58.0 | 06 n 27.8 | 08 s 50.8 | 20 s 53.0 | 03 n 14.9 |
| 22 fev | 22 7 21.0 | 10 s 17.8 | 09 n 33.3 | 18 s 40.0 | 18 s 58.0 | 17 s 40.2 | 05 n 12.8 | 20 s 58.2 | 06 n 28.8 | 08 s 49.9 | 20 s 52.9 | 03 n 15.8 |
| 23 fev | 22 11 17.6 | 09 s 55.9 | 06 n 03.8 | 18 s 20.9 | 18 s 41.8 | 17 s 46.7 | 05 n 15.8 | 20 s 58.5 | 06 n 29.8 | 08 s 49.1 | 20 s 52.8 | 03 n 16.2 |
| 24 fev | 22 15 14.1 | 09 s 33.8 | 02 n 22.1 | 18 s 00.6 | 18 s 25.0 | 17 s 53.1 | 05 n 18.8 | 20 s 58.7 | 06 n 30.9 | 08 s 48.2 | 20 s 52.6 | 03 n 16.3 |
| 25 fev | 22 19 10.7 | 09 s 11.6 | 01 s 22.7 | 17 s 39.0 | 18 s 07.6 | 17 s 59.3 | 05 n 21.8 | 20 s 58.9 | 06 n 31.9 | 08 s 47.4 | 20 s 52.5 | 03 n 16.1 |
| 26 fev | 22 23 7.2 | 08 s 49.3 | 05 s 02.1 | 17 s 16.0 | 17 s 49.8 | 18 s 05.5 | 05 n 24.9 | 20 s 59.0 | 06 n 33.0 | 08 s 46.5 | 20 s 52.4 | 03 n 15.7 |
| 27 fev | 22 27 3.8 | 08 s 26.9 | 08 s 28.7 | 16 s 51.9 | 17 s 31.4 | 18 s 11.6 | 05 n 27.9 | 20 s 59.2 | 06 n 34.1 | 08 s 45.7 | 20 s 52.3 | 03 n 15.1 |
| 28 fev | 22 31 0.3 | 08 s 04.3 | 11 s 35.0 | 16 s 26.4 | 17 s 12.5 | 18 s 17.5 | 05 n 31.0 | 20 s 59.4 | 06 n 35.2 | 08 s 44.8 | 20 s 52.2 | 03 n 14.6 |
| 29 fev | 22 34 56.9 | 07 s 41.6 | 14 s 13.9 | 15 s 59.6 | 16 s 53.2 | 18 s 23.4 | 05 n 34.1 | 20 s 59.5 | 06 n 36.3 | 08 s 44.0 | 20 s 52.0 | 03 n 14.2 |

MARÇO DE 2016

Longitude dos Astros

Tropical Ephemeris - terΨa-feira, 01 mar 2016 at noon, Greenwich SVP = 05x02.07 True Ayanansa = 24d 04m 55s
 Julian Day = 2457449.0 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 53.4 | 11x20.1 | 06x05.9 | 23x38.4 | 16x28.3 | 28x14.7 | 19x12!5 | 15x55.8 | 18x18.9 | 09x33.3 | 16x55.2 | 21x50.7 |
| 02 mar | 22 42 50.0 | 12x20.3 | 18x25.1 | 25x13.8 | 17x42.6 | 28x38.2 | 19x04!7 | 15x58.1 | 18x21.8 | 09x35.6 | 16x56.5 | 21x50!7 |
| 03 mar | 22 46 46.6 | 13x20.5 | 01x03.3 | 26x50.4 | 18x56.8 | 29x01.3 | 18x57!0 | 16x00.3 | 18x24.8 | 09x37.9 | 16x57.9 | 21x50!2 |
| 04 mar | 22 50 43.1 | 14x20.6 | 14x04.1 | 28x28.0 | 20x11.0 | 29x24.1 | 18x49!2 | 16x02.4 | 18x27.7 | 09x40.1 | 16x59.2 | 21x49!5 |
| 05 mar | 22 54 39.7 | 15x20.7 | 27x30.4 | 00x06.6 | 21x25.3 | 29x46.6 | 18x41!4 | 16x04.5 | 18x30.7 | 09x42.4 | 17x00.5 | 21x48!7 |
| 06 mar | 22 58 36.2 | 16x20.8 | 11x23.0 | 01x46.4 | 22x39.5 | 00x08.8 | 18x33!6 | 16x06.4 | 18x33.7 | 09x44.7 | 17x01.7 | 21x48!0 |
| 07 mar | 23 2 32.8 | 17x20.9 | 25x40.6 | 03x27.2 | 23x53.8 | 00x30.6 | 18x25!8 | 16x08.3 | 18x36.8 | 09x47.0 | 17x02.9 | 21x47!4 |
| 08 mar | 23 6 29.3 | 18x20.9 | 10x19.2 | 05x09.2 | 25x08.0 | 00x52.1 | 18x17!9 | 16x10.0 | 18x39.8 | 09x49.2 | 17x04.1 | 21x47!2 |
| 09 mar | 23 10 25.9 | 19x20.9 | 25x12.8 | 06x52.3 | 26x22.3 | 01x13.3 | 18x10!1 | 16x11.6 | 18x42.9 | 09x51.5 | 17x05.3 | 21x47.1 |
| 10 mar | 23 14 22.4 | 20x20.9 | 10x13.3 | 08x36.5 | 27x36.5 | 01x34.1 | 18x02!3 | 16x13.2 | 18x46.0 | 09x53.7 | 17x06.5 | 21x47.2 |
| 11 mar | 23 18 19.0 | 21x20.8 | 25x12.2 | 10x21.8 | 28x50.7 | 01x54.5 | 17x54!5 | 16x14.6 | 18x49.1 | 09x56.0 | 17x07.6 | 21x47.3 |
| 12 mar | 23 22 15.6 | 22x20.7 | 10x01.7 | 12x08.3 | 00x05.0 | 02x14.6 | 17x46!7 | 16x16.0 | 18x52.3 | 09x58.2 | 17x08.7 | 21x47!3 |
| 13 mar | 23 26 12.1 | 23x20.6 | 24x35.3 | 13x55.9 | 01x19.2 | 02x34.3 | 17x38!9 | 16x17.2 | 18x55.4 | 10x00.4 | 17x09.8 | 21x47!2 |
| 14 mar | 23 30 8.7 | 24x20.4 | 08x49.0 | 15x44.8 | 02x33.4 | 02x53.6 | 17x31!1 | 16x18.3 | 18x58.6 | 10x02.7 | 17x10.8 | 21x47!0 |
| 15 mar | 23 34 5.2 | 25x20.2 | 22x40.7 | 17x34.8 | 03x47.6 | 03x12.6 | 17x23!4 | 16x19.4 | 19x01.8 | 10x04.9 | 17x11.8 | 21x46!9 |
| 16 mar | 23 38 1.8 | 26x20.0 | 06x10.4 | 19x26.0 | 05x01.8 | 03x31.1 | 17x15!7 | 16x20.3 | 19x05.0 | 10x07.1 | 17x12.8 | 21x47.0 |
| 17 mar | 23 41 58.3 | 27x19.7 | 19x19.5 | 21x18.4 | 06x16.0 | 03x49.2 | 17x08!1 | 16x21.2 | 19x08.3 | 10x09.3 | 17x13.8 | 21x47.3 |
| 18 mar | 23 45 54.9 | 28x19.4 | 02x10.3 | 23x11.9 | 07x30.2 | 04x07.0 | 17x00!5 | 16x21.9 | 19x11.5 | 10x11.5 | 17x14.7 | 21x47.1 |
| 19 mar | 23 49 51.4 | 29x19.0 | 14x45.2 | 25x06.7 | 08x44.4 | 04x24.3 | 16x59!0 | 16x22.6 | 19x14.8 | 10x13.7 | 17x15.6 | 21x48.6 |
| 20 mar | 23 53 48.0 | 00x18.6 | 27x06.9 | 27x02.5 | 09x58.6 | 04x41.1 | 16x45!16 | 16x23.1 | 19x18.1 | 10x15.9 | 17x16.5 | 21x49.4 |
| 21 mar | 23 57 44.6 | 01x18.2 | 09x18.0 | 28x59.5 | 11x12.8 | 04x57.6 | 16x38!12 | 16x23.5 | 19x21.4 | 10x18.0 | 17x17.4 | 21x50.0 |
| 22 mar | 0 1 41.1 | 02x17.7 | 21x20.6 | 00x57.6 | 12x27.0 | 05x13.5 | 16x30!8 | 16x23.9 | 19x24.7 | 10x20.2 | 17x18.2 | 21x50.3 |
| 23 mar | 0 5 37.7 | 03x17.2 | 03x16.8 | 02x56.7 | 13x41.1 | 05x29.0 | 16x23!16 | 16x24.1 | 19x28.0 | 10x22.3 | 17x19.0 | 21x50!0 |
| 24 mar | 0 9 34.2 | 04x16.7 | 15x08.7 | 04x56.7 | 14x55.3 | 05x44.1 | 16x16!14 | 16x24.3 | 19x31.3 | 10x24.4 | 17x19.7 | 21x49!1 |
| 25 mar | 0 13 30.8 | 05x16.1 | 26x58.3 | 06x57.5 | 16x09.5 | 05x58.7 | 16x09!3 | 16x24!3 | 19x34.7 | 10x26.6 | 17x20.5 | 21x47!6 |
| 26 mar | 0 17 27.3 | 06x15.5 | 08x47.8 | 08x59.1 | 17x23.6 | 06x12.7 | 16x02!3 | 16x24!3 | 19x38.0 | 10x28.7 | 17x21.2 | 21x45!5 |
| 27 mar | 0 21 23.9 | 07x14.9 | 20x39.7 | 11x01.2 | 18x37.8 | 06x26.3 | 15x55!4 | 16x24!1 | 19x41.4 | 10x30.8 | 17x21.9 | 21x43!1 |
| 28 mar | 0 25 20.4 | 08x14.2 | 02x37.0 | 13x03.7 | 19x51.9 | 06x39.4 | 15x48!16 | 16x23!8 | 19x44.7 | 10x32.8 | 17x22.5 | 21x40!7 |
| 29 mar | 0 29 17.0 | 09x13.5 | 14x42.8 | 15x06.4 | 21x06.1 | 06x51.9 | 15x42!10 | 16x23!5 | 19x48.1 | 10x34.9 | 17x23.1 | 21x38!6 |
| 30 mar | 0 33 13.5 | 10x12.8 | 27x01.8 | 17x09.0 | 22x20.2 | 07x03.9 | 15x35!4 | 16x23!0 | 19x51.5 | 10x36.9 | 17x23.7 | 21x37!2 |
| 31 mar | 0 37 10.1 | 11x12.0 | 09x35.5 | 19x11.3 | 23x34.4 | 07x15.3 | 15x28!19 | 16x22!5 | 19x54.9 | 10x39.0 | 17x24.3 | 21x36!6 |

Declinação dos Astros

Tropical Ephemeris - terΨa-feira, 01 mar 2016 at noon, Greenwich SVP = 05x02.07 True Ayanansa = 24d 04m 55s
 Julian Day = 2457449.0 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 53.4 | 07s18.7 | 16s18.0 | 15s31.6 | 16s33.3 | 18s29.1 | 05n37.2 | 20s59.7 | 06n37.4 | 08s43.1 | 20s51.9 | 03n14.0 |
| 02 mar | 22 42 50.0 | 06s55.8 | 17s40.0 | 15s02.2 | 16s13.0 | 18s34.7 | 05n40.3 | 20s59.8 | 06n38.5 | 08s42.3 | 20s51.8 | 03n14.1 |
| 03 mar | 22 46 46.6 | 06s32.8 | 18s12.4 | 14s31.6 | 15s52.3 | 18s40.3 | 05n43.4 | 20s59.9 | 06n39.7 | 08s41.4 | 20s51.7 | 03n14.2 |
| 04 mar | 22 50 43.1 | 06s09.7 | 17s49.0 | 13s59.7 | 15s31.1 | 18s45.7 | 05n46.5 | 21s00.0 | 06n40.8 | 08s40.6 | 20s51.6 | 03n14.5 |
| 05 mar | 22 54 39.7 | 05s46.5 | 16s26.0 | 13s26.6 | 15s09.4 | 18s51.1 | 05n49.7 | 21s00.1 | 06n42.0 | 08s39.7 | 20s51.5 | 03n14.8 |
| 06 mar | 22 58 36.2 | 05s23.2 | 14s03.2 | 12s52.2 | 14s47.4 | 18s56.3 | 05n52.8 | 21s00.2 | 06n43.1 | 08s38.9 | 20s51.4 | 03n15.1 |
| 07 mar | 23 2 32.8 | 04s59.8 | 10s45.5 | 12s16.5 | 14s24.9 | 19s01.5 | 05n55.9 | 21s00.3 | 06n44.3 | 08s38.0 | 20s51.3 | 03n15.3 |
| 08 mar | 23 6 29.3 | 04s36.4 | 06s43.1 | 11s39.5 | 14s02.0 | 19s06.5 | 05n59.0 | 21s00.3 | 06n45.5 | 08s37.2 | 20s51.2 | 03n15.4 |
| 09 mar | 23 10 25.9 | 04s12.9 | 02s11.6 | 11s01.3 | 13s38.8 | 19s11.5 | 06n02.1 | 21s00.4 | 06n46.7 | 08s36.4 | 20s51.1 | 03n15.5 |
| 10 mar | 23 14 22.4 | 03s49.4 | 02n30.1 | 10s21.9 | 13s15.1 | 19s16.3 | 06n05.2 | 21s00.4 | 06n47.8 | 08s35.5 | 20s51.0 | 03n15.4 |
| 11 mar | 23 18 19.0 | 03s25.8 | 07n01.6 | 09s41.2 | 12s51.1 | 19s21.1 | 06n08.3 | 21s00.4 | 06n49.0 | 08s34.7 | 20s50.9 | 03n15.4 |
| 12 mar | 23 22 15.6 | 03s02.2 | 11n03.7 | 08s59.3 | 12s26.8 | 19s25.8 | 06n11.4 | 21s00.5 | 06n50.3 | 08s33.9 | 20s50.9 | 03n15.4 |
| 13 mar | 23 26 12.1 | 02s38.6 | 14n20.2 | 08s16.1 | 12s02.1 | 19s30.3 | 06n14.5 | 21s00.5 | 06n51.5 | 08s33.0 | 20s50.8 | 03n15.4 |
| 14 mar | 23 30 8.7 | 02s14.9 | 16n39.8 | 07s31.8 | 11s37.1 | 19s34.8 | 06n17.5 | 21s00.5 | 06n52.7 | 08s32.2 | 20s50.7 | 03n15.5 |
| 15 mar | 23 34 5.2 | 01s51.2 | 17n56.5 | 06s46.3 | 11s11.8 | 19s39.2 | 06n20.5 | 21s00.5 | 06n53.9 | 08s31.4 | 20s50.6 | 03n15.5 |
| 16 mar | 23 38 1.8 | 01s27.5 | 18n09.8 | 05s59.6 | 10s46.1 | 19s43.5 | 06n23.5 | 21s00.4 | 06n55.2 | 08s30.6 | 20s50.5 | 03n15.5 |
| 17 mar | 23 41 58.3 | 01s03.7 | 17n23.3 | 05s11.8 | 10s20.2 | 19s47.7 | 06n26.5 | 21s00.4 | 06n56.4 | 08s29.7 | 20s50.5 | 03n15.4 |
| 18 mar | 23 45 54.9 | 00s40.0 | 15n44.0 | 04s22.9 | 09s54.0 | 19s51.9 | 06n29.5 | 21s00.4 | 06n57.6 | 08s28.9 | 20s50.4 | 03n15.2 |
| 19 mar | 23 49 51.4 | 00s16.3 | 13n20.7 | 03s32.9 | 09s27.6 | 19s55.9 | 06n32.4 | 21s00.3 | 06n58.9 | 08s28.1 | 20s50.4 | 03n14.9 |
| 20 mar | 23 53 48.0 | 00n07.4 | 10n23.1 | 02s41.9 | 09s00.8 | 19s59.9 | 06n35.3 | 21s00.2 | 07n00.1 | 08s27.3 | 20s50.3 | 03n14.6 |
| 21 mar | 23 57 44.6 | 00n31.1 | 07n00.8 | 01s49.9 | 08s33.9 | 20s03.8 | 06n38.1 | 21s00.2 | 07n01.4 | 08s26.5 | 20s50.2 | 03n14.3 |
| 22 mar | 0 1 41.1 | 00n54.8 | 03n23.4 | 00s56.9 | 08s06.7 | 20s07.6 | 06n40.9 | 21s00.1 | 07n02.7 | 08s25.7 | 20s50.2 | 03n14.2 |
| 23 mar | 0 5 37.7 | 01n18.4 | 00s20.3 | 00s03.1 | 07s39.3 | 20s11.3 | 06n43.7 | 21s00.0 | 07n03.9 | 08s24.9 | 20s50.1 | 03n14.3 |
| 24 mar | 0 9 34.2 | 01n42.0 | 04s01.8 | 00n51.4 | 07s11.6 | 20s14.9 | 06n46.5 | 20s59.9 | 07n05.2 | 08s24.1 | 20s50.1 | 03n14.7 |
| 25 mar | 0 13 30.8 | 02n05.6 | 07s33.0 | 01n46.6 | 06s43.8 | 20s18.5 | 06n49.2 | 20s59.8 | 07n06.5 | 08s23.3 | 20s50.1 | 03n15.3 |
| 26 mar | 0 17 27.3 | 02n29.1 | 10s46.0 | 02n42.5 | 06s15.8 | 20s22.0 | 06n51.9 | 20s59.7 | 07n07.8 | 08s22.6 | 20s50.0 | 03n16.1 |
| 27 mar | 0 21 23.9 | 02n52.6 | 13s33.3 | 03n38.7 | 05s47.6 | 20s25.4 | 06n54.5 | 20s59.6 | 07n09.0 | 08s21.8 | 20s50.0 | 03n17.1 |
| 28 mar | 0 25 20.4 | 03n16.0 | 15s47.6 | 04n35.3 | 05s19.3 | 20s28.8 | 06n57.1 | 20s59.4 | 07n10.3 | 08s21.0 | 20s49.9 | 03n18.0 |
| 29 mar | 0 29 17.0 | 03n39.3 | 17s21.8 | 05n32.0 | 04s50.8 | 20s32.0 | 06n59.6 | 20s59.3 | 07n11.6 | 08s20.3 | 20s49.9 | 03n18.8 |
| 30 mar | 0 33 13.5 | 04n02.6 | 18s09.6 | 06n28.7 | 04s22.1 | 20s35.2 | 07n02.1 | 20s59.1 | 07n12.9 | 08s19.5 | 20s49.9 | 03n19.4 |
| 31 mar | 0 37 10.1 | 04n25.8 | 18s05.4 | 07n25.2 | 03s53.4 | 20s38.4 | 07n04.5 | 20s59.0 | 07n14.2 | 08s18.8 | 20s49.9 | 03n19.6 |

ABRIL DE 2016

Longitude dos Astros

Tropical Ephemeris - sexta-feira, 01 abr 2016 at noon, Greenwich SVP = 05x02.02 True Ayanansa = 24d 04m 58s
 Julian Day = 2457480.0 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 41 6.7 | 12 11.2 | 22 30.2 | 21 13.1 | 24 48.5 | 07 26.2 | 15 22.5 | 16 21.8 | 19 58.3 | 10 41.0 | 17 24.8 | 21 36.9 |
| 02 abr | 0 45 3.2 | 13 10.4 | 05 48.4 | 23 13.8 | 26 02.7 | 07 36.5 | 15 16.3 | 16 21.1 | 20 01.7 | 10 43.0 | 17 25.3 | 21 38.0 |
| 03 abr | 0 48 59.8 | 14 09.6 | 19 32.8 | 25 13.3 | 27 16.8 | 07 46.2 | 15 10.2 | 16 20.2 | 20 05.2 | 10 45.0 | 17 25.8 | 21 39.4 |
| 04 abr | 0 52 56.3 | 15 08.7 | 03 43.9 | 27 11.2 | 28 30.9 | 07 55.3 | 15 04.2 | 16 19.3 | 20 08.6 | 10 47.0 | 17 26.2 | 21 40.7 |
| 05 abr | 0 56 52.9 | 16 07.8 | 18 20.2 | 29 07.0 | 29 45.0 | 08 03.8 | 14 58.3 | 16 18.2 | 20 12.0 | 10 48.9 | 17 26.6 | 21 41.5 |
| 06 abr | 1 0 49.4 | 17 06.9 | 03 17.2 | 01 800.4 | 00 59.2 | 08 11.6 | 14 52.6 | 16 17.1 | 20 15.4 | 10 50.8 | 17 27.0 | 21 41.1 |
| 07 abr | 1 4 46.0 | 18 05.9 | 18 27.5 | 02 851.0 | 02 13.3 | 08 18.8 | 14 47.0 | 16 15.8 | 20 18.9 | 10 52.8 | 17 27.3 | 21 39.5 |
| 08 abr | 1 8 42.5 | 19 04.9 | 03 841.8 | 04 838.5 | 03 27.4 | 08 25.4 | 14 41.5 | 16 14.5 | 20 22.3 | 10 54.6 | 17 27.6 | 21 36.6 |
| 09 abr | 1 12 39.1 | 20 03.9 | 18 849.7 | 06 822.5 | 04 41.5 | 08 31.3 | 14 36.2 | 16 13.1 | 20 25.7 | 10 56.5 | 17 27.9 | 21 32.8 |
| 10 abr | 1 16 35.7 | 21 02.8 | 03 842.1 | 08 802.8 | 05 55.5 | 08 36.6 | 14 31.1 | 16 11.6 | 20 29.2 | 10 58.4 | 17 28.2 | 21 28.6 |
| 11 abr | 1 20 32.2 | 22 01.7 | 18 841.8 | 09 838.9 | 07 09.6 | 08 41.2 | 14 26.1 | 16 09.9 | 20 32.6 | 11 00.2 | 17 28.4 | 21 24.8 |
| 12 abr | 1 24 28.8 | 23 00.6 | 02 841.8 | 11 810.6 | 08 23.7 | 08 45.1 | 14 21.3 | 16 08.2 | 20 36.0 | 11 02.0 | 17 28.6 | 21 21.9 |
| 13 abr | 1 28 25.3 | 23 59.4 | 15 850.1 | 12 837.7 | 09 37.7 | 08 48.3 | 14 16.6 | 16 06.4 | 20 39.5 | 11 03.8 | 17 28.7 | 21 20.3 |
| 14 abr | 1 32 21.9 | 24 58.2 | 28 859.2 | 13 860.0 | 10 51.7 | 08 50.8 | 14 12.1 | 16 04.6 | 20 42.9 | 11 05.6 | 17 28.9 | 21 20.1 |
| 15 abr | 1 36 18.4 | 25 57.9 | 11 845.0 | 15 817.3 | 12 05.8 | 08 52.6 | 14 07.7 | 16 02.6 | 20 46.3 | 11 07.4 | 17 29.0 | 21 21.0 |
| 16 abr | 1 40 15.0 | 26 57.5 | 24 841.6 | 16 829.3 | 13 19.8 | 08 53.7 | 14 03.5 | 16 00.5 | 20 49.7 | 11 09.1 | 17 29.0 | 21 22.6 |
| 17 abr | 1 44 11.5 | 27 57.4 | 06 823.2 | 17 836.1 | 14 33.8 | 08 54.0 | 13 59.5 | 15 58.4 | 20 53.2 | 11 10.8 | 17 29.1 | 21 24.2 |
| 18 abr | 1 48 8.1 | 28 57.2 | 18 824.1 | 18 837.4 | 15 47.8 | 08 53.7 | 13 55.6 | 15 56.1 | 20 56.6 | 11 12.5 | 17 29.1 | 21 25.1 |
| 19 abr | 1 52 4.7 | 29 57.1 | 00 817.9 | 19 833.2 | 17 01.8 | 08 52.6 | 13 51.9 | 15 53.8 | 20 60.0 | 11 14.2 | 17 29.1 | 21 24.7 |
| 20 abr | 1 56 1.2 | 00 850.0 | 12 807.9 | 20 823.3 | 18 15.7 | 08 50.8 | 13 48.4 | 15 51.4 | 21 03.4 | 11 15.8 | 17 29.1 | 21 22.6 |
| 21 abr | 1 59 57.8 | 01 848.6 | 23 856.7 | 21 807.6 | 19 29.7 | 08 48.2 | 13 45.0 | 15 48.9 | 21 06.8 | 11 17.4 | 17 28.9 | 21 18.5 |
| 22 abr | 2 3 54.3 | 02 847.1 | 05 846.6 | 21 846.2 | 20 43.7 | 08 44.8 | 13 41.9 | 15 46.3 | 21 10.1 | 11 19.0 | 17 28.8 | 21 12.6 |
| 23 abr | 2 7 50.9 | 03 845.5 | 17 839.4 | 22 819.0 | 21 57.6 | 08 40.8 | 13 38.9 | 15 43.7 | 21 13.5 | 11 20.6 | 17 28.7 | 21 05.3 |
| 24 abr | 2 11 47.4 | 04 844.0 | 29 836.9 | 22 846.0 | 23 11.6 | 08 35.9 | 13 36.0 | 15 40.9 | 21 16.9 | 11 22.1 | 17 28.5 | 20 57.1 |
| 25 abr | 2 15 44.0 | 05 842.4 | 11 840.8 | 23 807.1 | 24 25.5 | 08 30.3 | 13 33.4 | 15 38.1 | 21 20.2 | 11 23.6 | 17 28.3 | 20 48.9 |
| 26 abr | 2 19 40.5 | 06 840.7 | 23 853.0 | 23 822.4 | 25 39.4 | 08 23.9 | 13 30.9 | 15 35.3 | 21 23.6 | 11 25.1 | 17 28.1 | 20 41.5 |
| 27 abr | 2 23 37.1 | 07 839.1 | 06 845.8 | 23 832.0 | 26 53.4 | 08 16.8 | 13 28.6 | 15 32.3 | 21 26.9 | 11 26.6 | 17 27.9 | 20 35.5 |
| 28 abr | 2 27 33.7 | 08 837.4 | 18 852.1 | 23 836.0 | 28 07.3 | 08 08.9 | 13 26.5 | 15 29.3 | 21 30.2 | 11 28.1 | 17 27.6 | 20 31.5 |
| 29 abr | 2 31 30.2 | 09 835.7 | 01 844.7 | 23 834.5 | 29 21.2 | 08 00.2 | 13 24.6 | 15 26.2 | 21 33.5 | 11 29.5 | 17 27.3 | 20 29.5 |
| 30 abr | 2 35 26.8 | 10 834.0 | 14 857.0 | 23 827.7 | 00 835.1 | 07 50.8 | 13 22.8 | 15 23.0 | 21 36.8 | 11 30.9 | 17 26.9 | 20 29.3 |

Declinação dos Astros

Tropical Ephemeris - sexta-feira, 01 abr 2016 at noon, Greenwich SVP = 05x02.02 True Ayanansa = 24d 04m 58s
 Julian Day = 2457480.0 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 41 6.7 | 04 n 49.0 | 17 s 05.6 | 08 n 21.2 | 03 s 24.5 | 20 s 41.4 | 07 n 06.9 | 20 s 58.8 | 07 n 15.5 | 08 s 18.0 | 20 s 49.9 | 03 n 19.5 |
| 02 abr | 0 45 3.2 | 05 n 12.0 | 15 s 08.9 | 09 n 16.7 | 02 s 55.5 | 20 s 44.4 | 07 n 09.2 | 20 s 58.6 | 07 n 16.8 | 08 s 17.3 | 20 s 49.8 | 03 n 19.1 |
| 03 abr | 0 48 59.8 | 05 n 35.0 | 12 s 17.4 | 10 n 11.3 | 02 s 26.5 | 20 s 47.3 | 07 n 11.5 | 20 s 58.4 | 07 n 18.1 | 08 s 16.5 | 20 s 49.8 | 03 n 18.5 |
| 04 abr | 0 52 56.3 | 05 n 57.9 | 08 s 37.4 | 11 n 04.8 | 01 s 57.3 | 20 s 50.2 | 07 n 13.7 | 20 s 58.2 | 07 n 19.4 | 08 s 15.8 | 20 s 49.8 | 03 n 18.0 |
| 05 abr | 0 56 52.9 | 06 n 20.6 | 04 s 19.7 | 11 n 57.1 | 01 s 28.1 | 20 s 53.0 | 07 n 15.9 | 20 s 58.0 | 07 n 20.7 | 08 s 15.1 | 20 s 49.8 | 03 n 17.7 |
| 06 abr | 1 0 49.4 | 06 n 43.3 | 00 n 20.1 | 12 n 47.8 | 00 s 58.8 | 20 s 55.7 | 07 n 18.0 | 20 s 57.8 | 07 n 22.0 | 08 s 14.4 | 20 s 49.8 | 03 n 17.8 |
| 07 abr | 1 4 46.0 | 07 n 05.8 | 05 n 02.6 | 13 n 36.8 | 00 s 29.5 | 20 s 58.3 | 07 n 20.1 | 20 s 57.6 | 07 n 23.3 | 08 s 13.7 | 20 s 49.8 | 03 n 18.5 |
| 08 abr | 1 8 42.5 | 07 n 28.2 | 09 n 26.4 | 14 n 23.8 | 00 s 00.2 | 21 s 00.9 | 07 n 22.1 | 20 s 57.3 | 07 n 24.6 | 08 s 13.0 | 20 s 49.8 | 03 n 19.6 |
| 09 abr | 1 12 39.1 | 07 n 50.5 | 13 n 11.1 | 15 n 08.8 | 00 n 29.2 | 21 s 03.4 | 07 n 24.0 | 20 s 57.1 | 07 n 25.8 | 08 s 12.3 | 20 s 49.9 | 03 n 21.1 |
| 10 abr | 1 16 35.7 | 08 n 12.7 | 15 n 60.0 | 15 n 51.5 | 00 n 58.6 | 21 s 05.9 | 07 n 25.9 | 20 s 56.8 | 07 n 27.1 | 08 s 11.6 | 20 s 49.9 | 03 n 22.7 |
| 11 abr | 1 20 32.2 | 08 n 34.7 | 17 n 43.0 | 16 n 31.8 | 01 n 27.9 | 21 s 08.3 | 07 n 27.7 | 20 s 56.6 | 07 n 28.4 | 08 s 10.9 | 20 s 49.9 | 03 n 24.2 |
| 12 abr | 1 24 28.8 | 08 n 56.6 | 18 n 17.2 | 17 n 09.7 | 01 n 57.3 | 21 s 10.6 | 07 n 29.4 | 20 s 56.3 | 07 n 29.7 | 08 s 10.3 | 20 s 49.9 | 03 n 25.4 |
| 13 abr | 1 28 25.3 | 09 n 18.3 | 17 n 46.3 | 17 n 44.9 | 02 n 26.6 | 21 s 12.9 | 07 n 31.1 | 20 s 56.0 | 07 n 31.0 | 08 s 09.6 | 20 s 50.0 | 03 n 26.0 |
| 14 abr | 1 32 21.9 | 09 n 39.9 | 16 n 18.3 | 18 n 17.5 | 02 n 55.9 | 21 s 15.1 | 07 n 32.7 | 20 s 55.8 | 07 n 32.3 | 08 s 09.0 | 20 s 50.0 | 03 n 26.1 |
| 15 abr | 1 36 18.4 | 10 n 01.3 | 14 n 03.3 | 18 n 47.4 | 03 n 25.1 | 21 s 17.2 | 07 n 34.2 | 20 s 55.5 | 07 n 33.6 | 08 s 08.3 | 20 s 50.0 | 03 n 25.7 |
| 16 abr | 1 40 15.0 | 10 n 22.5 | 11 n 12.0 | 19 n 14.6 | 03 n 54.3 | 21 s 19.3 | 07 n 35.7 | 20 s 55.2 | 07 n 34.9 | 08 s 07.7 | 20 s 50.1 | 03 n 25.1 |
| 17 abr | 1 44 11.5 | 10 n 43.6 | 07 n 54.5 | 19 n 38.9 | 04 n 23.4 | 21 s 21.3 | 07 n 37.1 | 20 s 54.9 | 07 n 36.2 | 08 s 07.1 | 20 s 50.1 | 03 n 24.5 |
| 18 abr | 1 48 8.1 | 11 n 04.5 | 04 n 20.0 | 20 n 00.5 | 04 n 52.4 | 21 s 23.2 | 07 n 38.5 | 20 s 54.6 | 07 n 37.5 | 08 s 06.5 | 20 s 50.2 | 03 n 24.1 |
| 19 abr | 1 52 4.7 | 11 n 25.2 | 00 n 37.2 | 20 n 19.3 | 05 n 21.4 | 21 s 25.1 | 07 n 39.7 | 20 s 54.2 | 07 n 38.7 | 08 s 05.9 | 20 s 50.2 | 03 n 24.3 |
| 20 abr | 1 56 1.2 | 11 n 45.7 | 03 s 06.0 | 20 n 35.3 | 05 n 50.2 | 21 s 26.9 | 07 n 41.0 | 20 s 53.9 | 07 n 40.0 | 08 s 05.3 | 20 s 50.3 | 03 n 25.1 |
| 21 abr | 1 59 57.8 | 12 n 06.0 | 06 s 41.5 | 20 n 48.5 | 06 n 18.8 | 21 s 28.7 | 07 n 42.1 | 20 s 53.6 | 07 n 41.3 | 08 s 04.7 | 20 s 50.3 | 03 n 26.7 |
| 22 abr | 2 3 54.3 | 12 n 26.2 | 10 s 01.4 | 20 n 58.9 | 06 n 47.4 | 21 s 30.3 | 07 n 43.2 | 20 s 53.2 | 07 n 42.5 | 08 s 04.1 | 20 s 50.4 | 03 n 29.0 |
| 23 abr | 2 7 50.9 | 12 n 46.1 | 12 s 57.8 | 21 n 06.5 | 07 n 15.8 | 21 s 31.9 | 07 n 44.1 | 20 s 52.9 | 07 n 43.8 | 08 s 03.5 | 20 s 50.5 | 03 n 31.9 |
| 24 abr | 2 11 47.4 | 13 n 05.8 | 15 s 22.9 | 21 n 11.3 | 07 n 44.1 | 21 s 33.5 | 07 n 45.1 | 20 s 52.5 | 07 n 45.1 | 08 s 03.0 | 20 s 50.6 | 03 n 35.2 |
| 25 abr | 2 15 44.0 | 13 n 25.3 | 17 s 09.2 | 21 n 13.4 | 08 n 12.2 | 21 s 34.9 | 07 n 45.9 | 20 s 52.2 | 07 n 46.3 | 08 s 02.4 | 20 s 50.6 | 03 n 38.4 |
| 26 abr | 2 19 40.5 | 13 n 44.6 | 18 s 10.1 | 21 n 12.8 | 08 n 40.1 | 21 s 36.3 | 07 n 46.7 | 20 s 51.8 | 07 n 47.6 | 08 s 01.9 | 20 s 50.7 | 03 n 41.3 |
| 27 abr | 2 23 37.1 | 14 n 03.6 | 18 s 20.6 | 21 n 09.4 | 09 n 07.8 | 21 s 37.6 | 07 n 47.4 | 20 s 51.4 | 07 n 48.8 | 08 s 01.3 | 20 s 50.8 | 03 n 43.6 |
| 28 abr | 2 27 33.7 | 14 n 22.4 | 17 s 37.3 | 21 n 03.4 | 09 n 35.3 | 21 s 38.8 | 07 n 48.1 | 20 s 51.1 | 07 n 50.0 | 08 s 00.8 | 20 s 50.9 | 03 n 45.2 |
| 29 abr | 2 31 30.2 | 14 n 41.0 | 15 s 59.5 | 20 n 54.7 | 10 n 02.6 | 21 s 40.0 | 07 n 48.6 | 20 s 50.7 | 07 n 51.3 | 08 s 00.3 | 20 s 51.0 | 03 n 46.0 |
| 30 abr | 2 35 26.8 | 14 n 59.4 | 13 s 28.9 | 20 n 43.6 | 10 n 29.7 | 21 s 41.0 | 07 n 49.1 | 20 s 50.3 | 07 n 52.5 | 07 s 59.8 | 20 s 51.1 | 03 n 46.1 |

MAIO DE 2016

Longitude dos Astros

Tropical Ephemeris - domingo, 01 mai 2016 at noon, Greenwich SVP = 05x01.97 True Ayanansa = 24d 05m 01s
 Julian Day = 2457510.0 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 23.3 | 11 8 32.2 | 28 31.8 | 23 8 15.9 | 01 8 49.0 | 07 2 40.16 | 13 21 13 | 15 2 19.17 | 21 40.1 | 11 32.2 | 17 26.15 | 20 30.1 |
| 02 mai | 2 43 19.9 | 12 8 30.4 | 12 x 30.9 | 22 8 59.4 | 03 8 02.9 | 07 2 29.17 | 13 19 19 | 15 2 16.14 | 21 43.4 | 11 33.6 | 17 26.11 | 20 31.1 |
| 03 mai | 2 47 16.4 | 13 8 28.6 | 26 x 54.6 | 22 8 38.6 | 04 8 16.8 | 07 2 18.10 | 13 18 17 | 15 2 13.10 | 21 46.7 | 11 34.9 | 17 25.17 | 20 31.1 |
| 04 mai | 2 51 13.0 | 14 8 26.8 | 11 40.7 | 22 8 13.9 | 05 8 30.7 | 07 2 05.16 | 13 17 16 | 15 2 09.16 | 21 49.9 | 11 36.2 | 17 25.13 | 20 29.4 |
| 05 mai | 2 55 9.5 | 15 8 25.0 | 26 43.9 | 21 8 45.7 | 06 8 44.6 | 06 2 52.15 | 13 16 18 | 15 2 06.11 | 21 53.1 | 11 37.4 | 17 24.18 | 20 25.4 |
| 06 mai | 2 59 6.1 | 16 8 23.1 | 11 8 56.2 | 21 8 14.6 | 07 8 58.5 | 06 2 38.18 | 13 16 12 | 15 2 02.15 | 21 56.3 | 11 38.6 | 17 24.13 | 20 19.1 |
| 07 mai | 3 3 2.7 | 17 8 21.2 | 27 8 07.3 | 20 8 41.2 | 09 8 12.4 | 06 2 24.13 | 13 15 17 | 14 2 58.19 | 21 59.5 | 11 39.8 | 17 23.17 | 20 11.1 |
| 08 mai | 3 6 59.2 | 18 8 19.2 | 12 06.9 | 20 8 06.1 | 10 8 26.2 | 06 2 09.12 | 13 15 14 | 14 2 55.12 | 22 02.7 | 11 41.0 | 17 23.12 | 20 02.12 |
| 09 mai | 3 10 55.8 | 19 8 17.3 | 26 46.0 | 19 8 29.9 | 11 8 40.1 | 05 2 53.15 | 13 15 13 | 14 2 51.15 | 22 05.8 | 11 42.1 | 17 22.16 | 19 53.17 |
| 10 mai | 3 14 52.3 | 20 8 15.3 | 10 58.3 | 18 8 53.3 | 12 8 53.9 | 05 2 37.12 | 13 15.4 | 14 2 47.17 | 22 09.0 | 11 43.2 | 17 21.19 | 19 46.16 |
| 11 mai | 3 18 48.9 | 21 8 13.3 | 24 54.1 | 18 8 16.9 | 14 8 07.8 | 05 2 20.13 | 13 15.7 | 14 2 43.18 | 22 12.1 | 11 44.3 | 17 21.13 | 19 41.4 |
| 12 mai | 3 22 45.4 | 22 8 11.2 | 07 45.3 | 17 8 41.4 | 15 8 21.6 | 05 2 02.18 | 13 16.1 | 14 2 39.19 | 22 15.2 | 11 45.4 | 17 20.16 | 19 38.14 |
| 13 mai | 3 26 42.0 | 23 8 09.1 | 20 43.1 | 17 8 07.3 | 16 8 35.4 | 04 2 44.19 | 13 16.8 | 14 2 36.10 | 22 18.2 | 11 46.4 | 17 19.19 | 19 37.14 |
| 14 mai | 3 30 38.5 | 24 8 07.0 | 03 09.0 | 16 8 35.12 | 17 8 49.2 | 04 2 26.15 | 13 17.6 | 14 2 32.10 | 22 21.3 | 11 47.4 | 17 19.12 | 19 37.7 |
| 15 mai | 3 34 35.1 | 25 8 04.9 | 15 18.1 | 16 8 05.17 | 19 8 03.0 | 04 2 07.17 | 13 18.6 | 14 2 28.10 | 22 24.3 | 11 48.3 | 17 18.15 | 19 38.2 |
| 16 mai | 3 38 31.7 | 26 8 02.7 | 27 15.5 | 15 8 39.11 | 20 8 16.8 | 03 2 48.15 | 13 19.8 | 14 2 23.19 | 22 27.3 | 11 49.3 | 17 17.17 | 19 38.0 |
| 17 mai | 3 42 28.2 | 27 8 00.5 | 09 06.0 | 15 8 16.10 | 21 8 30.6 | 03 2 28.19 | 13 21.1 | 14 2 19.18 | 22 30.3 | 11 50.2 | 17 16.19 | 19 36.12 |
| 18 mai | 3 46 24.8 | 27 8 58.3 | 20 54.0 | 14 8 56.15 | 22 8 44.4 | 03 2 08.19 | 13 22.7 | 14 2 15.16 | 22 33.2 | 11 51.0 | 17 16.11 | 19 32.10 |
| 19 mai | 3 50 21.3 | 28 8 56.0 | 02 43.0 | 14 8 41.10 | 23 8 58.1 | 02 2 48.17 | 13 24.4 | 14 2 11.15 | 22 36.2 | 11 51.9 | 17 15.12 | 19 25.11 |
| 20 mai | 3 54 17.9 | 29 8 53.7 | 14 35.9 | 14 8 29.17 | 25 8 11.9 | 02 2 28.13 | 13 26.3 | 14 2 07.12 | 22 39.1 | 11 52.7 | 17 14.13 | 19 15.17 |
| 21 mai | 3 58 14.4 | 00 8 51.4 | 26 34.9 | 14 8 22.18 | 26 8 25.7 | 02 2 07.16 | 13 28.3 | 14 2 03.10 | 22 41.9 | 11 53.5 | 17 13.15 | 19 04.13 |
| 22 mai | 4 2 11.0 | 01 8 49.1 | 08 41.3 | 14 8 20.13 | 27 8 39.4 | 01 2 46.18 | 13 30.6 | 13 2 58.17 | 22 44.8 | 11 54.2 | 17 12.15 | 18 51.17 |
| 23 mai | 4 6 7.5 | 02 8 46.8 | 20 56.3 | 14 8 22.3 | 28 8 53.2 | 01 2 25.18 | 13 33.0 | 13 2 54.14 | 22 47.6 | 11 54.9 | 17 11.16 | 18 38.19 |
| 24 mai | 4 10 4.1 | 03 8 44.4 | 03 20.6 | 14 8 28.8 | 00 8 06.9 | 01 2 04.18 | 13 35.6 | 13 2 50.11 | 22 50.4 | 11 55.6 | 17 10.16 | 18 27.12 |
| 25 mai | 4 14 0.6 | 04 8 42.0 | 15 55.2 | 14 8 39.9 | 01 8 20.7 | 00 2 43.17 | 13 38.3 | 13 2 45.18 | 22 53.2 | 11 56.2 | 17 09.17 | 18 17.14 |
| 26 mai | 4 17 57.2 | 05 8 39.6 | 28 41.2 | 14 8 55.4 | 02 8 34.4 | 00 2 22.16 | 13 41.1 | 13 2 41.14 | 22 55.9 | 11 56.9 | 17 08.17 | 18 10.12 |
| 27 mai | 4 21 53.8 | 06 8 37.2 | 11 40.4 | 15 8 15.4 | 03 8 48.2 | 00 2 01.16 | 13 44.4 | 13 2 37.10 | 22 58.6 | 11 57.4 | 17 07.16 | 18 05.17 |
| 28 mai | 4 25 50.3 | 07 8 34.8 | 24 54.6 | 15 8 39.7 | 05 8 01.9 | 29 40.17 | 13 47.6 | 13 2 32.16 | 23 01.3 | 11 58.0 | 17 06.16 | 18 03.17 |
| 29 mai | 4 29 46.9 | 08 8 32.3 | 08 26.0 | 16 8 08.3 | 06 8 15.7 | 29 19.19 | 13 51.0 | 13 2 28.12 | 23 03.9 | 11 58.5 | 17 05.15 | 18 03.13 |
| 30 mai | 4 33 43.4 | 09 8 29.9 | 22 16.4 | 16 8 41.0 | 07 8 29.4 | 28 59.14 | 13 54.6 | 13 2 23.18 | 23 06.6 | 11 59.0 | 17 04.14 | 18 03.13 |
| 31 mai | 4 37 40.0 | 10 8 27.4 | 06 26.9 | 17 8 17.8 | 08 8 43.1 | 28 39.10 | 13 58.4 | 13 2 19.13 | 23 09.1 | 11 59.5 | 17 03.13 | 18 02.15 |

Declinação dos Astros

Tropical Ephemeris - domingo, 01 mai 2016 at noon, Greenwich SVP = 05x01.97 True Ayanansa = 24d 05m 01s
 Julian Day = 2457510.0 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 23.3 | 15 n 17.4 | 10 s 10.4 | 20 n 29.9 | 10 n 56.5 | 21 s 42.0 | 07 n 49.6 | 20 s 49.9 | 07 n 53.7 | 07 s 59.3 | 20 s 51.2 | 03 n 45.8 |
| 02 mai | 2 43 19.9 | 15 n 35.3 | 06 s 12.0 | 20 n 14.0 | 11 n 23.1 | 21 s 42.9 | 07 n 49.9 | 20 s 49.5 | 07 n 54.9 | 07 s 58.9 | 20 s 51.3 | 03 n 45.4 |
| 03 mai | 2 47 16.4 | 15 n 52.9 | 01 s 45.2 | 19 n 55.8 | 11 n 49.4 | 21 s 43.7 | 07 n 50.2 | 20 s 49.1 | 07 n 56.1 | 07 s 58.4 | 20 s 51.4 | 03 n 45.4 |
| 04 mai | 2 51 13.0 | 16 n 10.2 | 02 n 54.6 | 19 n 35.7 | 12 n 15.4 | 21 s 44.4 | 07 n 50.4 | 20 s 48.7 | 07 n 57.4 | 07 s 57.9 | 20 s 51.5 | 03 n 46.1 |
| 05 mai | 2 55 9.5 | 16 n 27.3 | 07 n 28.7 | 19 n 13.7 | 12 n 41.2 | 21 s 44.9 | 07 n 50.5 | 20 s 48.2 | 07 n 58.5 | 07 s 57.5 | 20 s 51.6 | 03 n 47.6 |
| 06 mai | 2 59 6.1 | 16 n 44.0 | 11 n 36.2 | 18 n 50.2 | 13 n 06.6 | 21 s 45.4 | 07 n 50.6 | 20 s 47.8 | 07 n 59.7 | 07 s 57.0 | 20 s 51.8 | 03 n 50.1 |
| 07 mai | 3 3 2.7 | 17 n 00.5 | 14 n 56.9 | 18 n 25.4 | 13 n 31.8 | 21 s 45.8 | 07 n 50.6 | 20 s 47.4 | 08 n 00.9 | 07 s 56.6 | 20 s 51.9 | 03 n 53.3 |
| 08 mai | 3 6 59.2 | 17 n 16.8 | 17 n 14.7 | 17 n 59.6 | 13 n 56.6 | 21 s 46.1 | 07 n 50.5 | 20 s 47.0 | 08 n 02.1 | 07 s 56.2 | 20 s 52.0 | 03 n 56.7 |
| 09 mai | 3 10 55.8 | 17 n 32.7 | 18 n 20.8 | 17 n 33.2 | 14 n 21.0 | 21 s 46.3 | 07 n 50.4 | 20 s 46.5 | 08 n 03.3 | 07 s 55.8 | 20 s 52.1 | 04 n 00.1 |
| 10 mai | 3 14 52.3 | 17 n 48.3 | 18 n 15.0 | 17 n 06.4 | 14 n 45.2 | 21 s 46.3 | 07 n 50.2 | 20 s 46.1 | 08 n 04.4 | 07 s 55.4 | 20 s 52.3 | 04 n 02.9 |
| 11 mai | 3 18 48.9 | 18 n 03.7 | 17 n 04.4 | 16 n 39.6 | 15 n 08.9 | 21 s 46.3 | 07 n 49.9 | 20 s 45.6 | 08 n 05.6 | 07 s 55.0 | 20 s 52.4 | 04 n 04.9 |
| 12 mai | 3 22 45.4 | 18 n 18.7 | 14 n 60.0 | 16 n 13.1 | 15 n 32.3 | 21 s 46.2 | 07 n 49.5 | 20 s 45.2 | 08 n 06.7 | 07 s 54.7 | 20 s 52.6 | 04 n 06.1 |
| 13 mai | 3 26 42.0 | 18 n 33.4 | 12 n 14.5 | 15 n 47.3 | 15 n 55.3 | 21 s 45.9 | 07 n 49.1 | 20 s 44.7 | 08 n 07.8 | 07 s 54.3 | 20 s 52.7 | 04 n 06.5 |
| 14 mai | 3 30 38.5 | 18 n 47.8 | 08 n 59.7 | 15 n 22.4 | 16 n 17.9 | 21 s 45.5 | 07 n 48.6 | 20 s 44.3 | 08 n 09.0 | 07 s 54.0 | 20 s 52.9 | 04 n 06.4 |
| 15 mai | 3 34 35.1 | 19 n 01.9 | 05 n 26.1 | 14 n 58.8 | 16 n 40.1 | 21 s 45.1 | 07 n 48.0 | 20 s 43.8 | 08 n 10.1 | 07 s 53.6 | 20 s 53.0 | 04 n 06.1 |
| 16 mai | 3 38 31.7 | 19 n 15.7 | 01 n 42.7 | 14 n 36.7 | 17 n 01.9 | 21 s 44.5 | 07 n 47.4 | 20 s 43.3 | 08 n 11.2 | 07 s 53.3 | 20 s 53.2 | 04 n 06.2 |
| 17 mai | 3 42 28.2 | 19 n 29.1 | 02 s 02.7 | 14 n 16.4 | 17 n 23.2 | 21 s 43.8 | 07 n 46.6 | 20 s 42.9 | 08 n 12.3 | 07 s 53.0 | 20 s 53.4 | 04 n 07.0 |
| 18 mai | 3 46 24.8 | 19 n 42.3 | 05 s 42.5 | 13 n 58.0 | 17 n 44.1 | 21 s 43.1 | 07 n 45.9 | 20 s 42.4 | 08 n 13.4 | 07 s 52.7 | 20 s 53.5 | 04 n 08.6 |
| 19 mai | 3 50 21.3 | 19 n 55.0 | 09 s 09.2 | 13 n 41.6 | 18 n 04.5 | 21 s 42.2 | 07 n 45.0 | 20 s 41.9 | 08 n 14.4 | 07 s 52.4 | 20 s 53.7 | 04 n 11.3 |
| 20 mai | 3 54 17.9 | 20 n 07.5 | 12 s 15.0 | 13 n 27.5 | 18 n 24.5 | 21 s 41.2 | 07 n 44.1 | 20 s 41.4 | 08 n 15.5 | 07 s 52.1 | 20 s 53.9 | 04 n 15.0 |
| 21 mai | 3 58 14.4 | 20 n 19.5 | 14 s 51.9 | 13 n 15.6 | 18 n 43.9 | 21 s 40.2 | 07 n 43.1 | 20 s 41.0 | 08 n 16.6 | 07 s 51.9 | 20 s 54.0 | 04 n 19.5 |
| 22 mai | 4 2 11.0 | 20 n 31.3 | 16 s 51.7 | 13 n 06.1 | 19 n 02.9 | 21 s 39.0 | 07 n 42.1 | 20 s 40.5 | 08 n 17.6 | 07 s 51.6 | 20 s 54.2 | 04 n 24.4 |
| 23 mai | 4 6 7.5 | 20 n 42.7 | 18 s 07.2 | 12 n 58.9 | 19 n 21.4 | 21 s 37.8 | 07 n 41.0 | 20 s 40.0 | 08 n 18.6 | 07 s 51.4 | 20 s 54.4 | 04 n 29.4 |
| 24 mai | 4 10 4.1 | 20 n 53.7 | 18 s 32.3 | 12 n 54.1 | 19 n 39.4 | 21 s 36.5 | 07 n 39.8 | 20 s 39.5 | 08 n 19.7 | 07 s 51.2 | 20 s 54.6 | 04 n 34.0 |
| 25 mai | 4 14 0.6 | 21 n 04.4 | 18 s 03.5 | 12 n 51.6 | 19 n 56.8 | 21 s 35.1 | 07 n 38.5 | 20 s 39.0 | 08 n 20.7 | 07 s 51.0 | 20 s 54.8 | 04 n 37.8 |
| 26 mai | 4 17 57.2 | 21 n 14.7 | 16 s 39.9 | 12 n 51.3 | 20 n 13.7 | 21 s 33.6 | 07 n 37.2 | 20 s 38.5 | 08 n 21.7 | 07 s 50.8 | 20 s 55.0 | 04 n 40.6 |
| 27 mai | 4 21 53.8 | 21 n 24.6 | 14 s 23.9 | 12 n 53.4 | 20 n 30.0 | 21 s 32.1 | 07 n 35.8 | 20 s 38.1 | 08 n 22.7 | 07 s 50.6 | 20 s 55.2 | 04 n 42.3 |
| 28 mai | 4 25 50.3 | 21 n 34.2 | 11 s 20.5 | 12 n 57.5 | 20 n 45.8 | 21 s 30.6 | 07 n 34.4 | 20 s 37.6 | 08 n 23.6 | 07 s 50.4 | 20 s 55.4 | 04 n 43.1 |
| 29 mai | 4 29 46.9 | 21 n 43.4 | 07 s 37.3 | 13 n 03.8 | 21 n 01.1 | 21 s 28.9 | 07 n 32.9 | 20 s 37.1 | 08 n 24.6 | 07 s 50.2 | 20 s 55.6 | 04 n 43.3 |
| 30 mai | 4 33 43.4 | 21 n 52.2 | 03 s 24.4 | 13 n 12.1 | 21 n 15.7 | 21 s 27.3 | 07 n 31.3 | 20 s 36.6 | 08 n 25.6 | 07 s 50.1 | 20 s 55.8 | 04 n 43.3 |
| 31 mai | 4 37 40.0 | 22 n 00.7 | 01 n 05.6 | 13 n 22.3 | 21 n 29.8 | 21 s 25.6 | 07 n 29.7 | 20 s 36.1 | 08 n 26.5 | 07 s 49.9 | 20 s 56.0 | 04 n 43.6 |

JUNHO DE 2016

Longitude dos Astros

Tropical Ephemeris - quarta-feira, 01 jun 2016 at noon, Greenwich SVP = 05x01.91 True Ayanansa = 24d 05m 04s
 Julian Day = 2457541.0 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 36.5 | 11X24.9 | 20Y56.4 | 17 858.5 | 09X56.9 | 28 1819 | 14 02.3 | 13 1419 | 23Y11.7 | 11 X59.9 | 17 02!2 | 17 059!8 |
| 02 jun | 4 45 33.1 | 12X22.4 | 05 842.0 | 18 843.1 | 11X10.6 | 27 5912 | 14 06.4 | 13 1015 | 23Y14.2 | 12 X00.3 | 17 01!1 | 17 054!4 |
| 03 jun | 4 49 29.6 | 13X19.9 | 20 837.7 | 19 831.5 | 12X24.4 | 27 3918 | 14 10.6 | 13 06!0 | 23Y16.7 | 12 X00.6 | 16 59!9 | 17 046!5 |
| 04 jun | 4 53 26.2 | 14X17.4 | 05 X35.5 | 20 823.5 | 13X38.1 | 27 2018 | 14 15.0 | 13 01!6 | 23Y19.2 | 12 X00.9 | 16 58!7 | 17 036!3 |
| 05 jun | 4 57 22.8 | 15X14.8 | 20X26.0 | 21 819.0 | 14X51.8 | 27 02!3 | 14 19.6 | 12 57!1 | 23Y21.6 | 12 X01.2 | 16 57!5 | 17 025!1 |
| 06 jun | 5 1 19.3 | 16X12.3 | 05 00.5 | 22 818.1 | 16X05.6 | 26 44!3 | 14 24.3 | 12 52!7 | 23Y24.0 | 12 X01.5 | 16 56!3 | 17 014!1 |
| 07 jun | 5 5 15.9 | 17X09.7 | 19 12.1 | 23 820.6 | 17X19.3 | 26 26!8 | 14 29.2 | 12 48!2 | 23Y26.3 | 12 X01.7 | 16 55!1 | 17 004!5 |
| 08 jun | 5 9 12.4 | 18X07.1 | 02 456.8 | 24 826.3 | 18X33.1 | 26 09!9 | 14 34.2 | 12 43!8 | 23Y28.6 | 12 X01.9 | 16 53!9 | 16 57!1 |
| 09 jun | 5 13 9.0 | 19X04.5 | 16 413.7 | 25 835.4 | 19X46.8 | 25 53!6 | 14 39.4 | 12 39!4 | 23Y30.9 | 12 X02.1 | 16 52!6 | 16 52!3 |
| 10 jun | 5 17 5.5 | 20X01.9 | 29 404.4 | 26 847.7 | 21X00.5 | 25 37!9 | 14 44.8 | 12 35!0 | 23Y33.2 | 12 X02.2 | 16 51!3 | 16 49!9 |
| 11 jun | 5 21 2.1 | 20X59.2 | 11 32.7 | 28 803.1 | 22X14.2 | 25 22!9 | 14 50.2 | 12 30!6 | 23Y35.4 | 12 X02.3 | 16 50!0 | 16 49!1 |
| 12 jun | 5 24 58.6 | 21X56.6 | 23 43.2 | 29 821.7 | 23X28.0 | 25 08!5 | 14 55.9 | 12 26!3 | 23Y37.5 | 12 X02.4 | 16 48!7 | 16 49!1 |
| 13 jun | 5 28 55.2 | 22X53.9 | 05 41.3 | 00X43.3 | 24X41.7 | 24 54!9 | 15 01.6 | 12 21!9 | 23Y39.7 | 12 X02.4 | 16 47!4 | 16 48!6 |
| 14 jun | 5 32 51.8 | 23X51.2 | 17 32.4 | 02X08.1 | 25X55.4 | 24 42!0 | 15 07.5 | 12 17!6 | 23Y41.7 | 12 X02.4 | 16 46!1 | 16 46!8 |
| 15 jun | 5 36 48.3 | 24X48.5 | 29 21.5 | 03X35.8 | 27X09.1 | 24 29!8 | 15 13.6 | 12 13!3 | 23Y43.8 | 12 X02.4 | 16 44!7 | 16 42!7 |
| 16 jun | 5 40 44.9 | 25X45.8 | 11 13.0 | 05X06.6 | 28X22.8 | 24 18!4 | 15 19.8 | 12 09!1 | 23Y45.8 | 12 X02.3 | 16 43!4 | 16 36!0 |
| 17 jun | 5 44 41.4 | 26X43.0 | 23 10.6 | 06X40.3 | 29X36.5 | 24 07!8 | 15 26.1 | 12 04!8 | 23Y47.8 | 12 X02.2 | 16 42!0 | 16 26!8 |
| 18 jun | 5 48 38.0 | 27X40.3 | 05 17.0 | 08X17.0 | 00 50.2 | 23 57!9 | 15 32.6 | 12 00!6 | 23Y49.7 | 12 X02.1 | 16 40!6 | 16 15!4 |
| 19 jun | 5 52 34.5 | 28X37.6 | 17 34.1 | 09X56.6 | 02 03.9 | 23 48!9 | 15 39.2 | 11 56!4 | 23Y51.6 | 12 X01.9 | 16 39!3 | 16 02!9 |
| 20 jun | 5 56 31.1 | 29X34.8 | 00 02.7 | 11X39.1 | 03 17.6 | 23 40!7 | 15 46.0 | 11 52!3 | 23Y53.5 | 12 X01.7 | 16 37!9 | 15 50!2 |
| 21 jun | 6 0 27.6 | 00 32.0 | 12 43.3 | 13X24.5 | 04 31.3 | 23 33!3 | 15 52.8 | 11 48!2 | 23Y55.3 | 12 X01.5 | 16 36!5 | 15 38!4 |
| 22 jun | 6 4 24.2 | 01 29.3 | 25 35.5 | 15X12.7 | 05 45.1 | 23 26!7 | 15 59.8 | 11 44!2 | 23Y57.0 | 12 X01.2 | 16 35!0 | 15 28!6 |
| 23 jun | 6 8 20.8 | 02 26.5 | 08 39.1 | 17X03.6 | 06 58.8 | 23 20!9 | 16 07.0 | 11 40!1 | 23Y58.8 | 12 X00.9 | 16 33!6 | 15 21!4 |
| 24 jun | 6 12 17.3 | 03 23.7 | 21 54.0 | 18X57.2 | 08 12.5 | 23 15!9 | 16 14.2 | 11 36!2 | 24Y00.4 | 12 X00.6 | 16 32!2 | 15 17!0 |
| 25 jun | 6 16 13.9 | 04 20.9 | 05 20.4 | 20X53.3 | 09 26.2 | 23 11!8 | 16 21.6 | 11 32!2 | 24Y02.1 | 12 X00.2 | 16 30!8 | 15 15!0 |
| 26 jun | 6 20 10.4 | 05 18.1 | 18 58.7 | 22X51.8 | 10 39.9 | 23 08!5 | 16 29.1 | 11 28!4 | 24Y03.7 | 11 X59!9 | 16 29!3 | 15 14.7 |
| 27 jun | 6 24 7.0 | 06 15.3 | 02 49.7 | 24X52.6 | 11 53.6 | 23 06!0 | 16 36.8 | 11 24!5 | 24Y05.2 | 11 X59!4 | 16 27!9 | 15 15.0 |
| 28 jun | 6 28 3.5 | 07 12.5 | 16 53.6 | 26X55.4 | 13 07.4 | 23 04!4 | 16 44.5 | 11 20!7 | 24Y06.7 | 11 X59!0 | 16 26!4 | 15 14!8 |
| 29 jun | 6 32 0.1 | 08 09.8 | 01 809.9 | 29X00.2 | 14 21.1 | 23 03!6 | 16 52.4 | 11 17!0 | 24Y08.2 | 11 X58!5 | 16 24!9 | 15 12!8 |
| 30 jun | 6 35 56.6 | 09 07.0 | 15 836.4 | 01 06.5 | 15 34.8 | 23 03.6 | 17 00.4 | 11 13!3 | 24Y09.6 | 11 X58!0 | 16 23!5 | 15 08!6 |

Declinação dos Astros

Tropical Ephemeris - quarta-feira, 01 jun 2016 at noon, Greenwich SVP = 05x01.91 True Ayanansa = 24d 05m 04s
 Julian Day = 2457541.0 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 36.5 | 22 n08.7 | 05 n37.7 | 13 n34.3 | 21 n43.2 | 21 s23.9 | 07 n28.0 | 20 s35.6 | 08 n27.4 | 07 s49.8 | 20 s56.2 | 04 n44.7 |
| 02 jun | 4 45 33.1 | 22 n16.4 | 09 n54.1 | 13 n48.0 | 21 n56.1 | 21 s22.1 | 07 n26.2 | 20 s35.1 | 08 n28.3 | 07 s49.7 | 20 s56.4 | 04 n46.7 |
| 03 jun | 4 49 29.6 | 22 n23.7 | 13 n35.7 | 14 n03.3 | 22 n08.3 | 21 s20.4 | 07 n24.4 | 20 s34.7 | 08 n29.2 | 07 s49.6 | 20 s56.6 | 04 n49.9 |
| 04 jun | 4 53 26.2 | 22 n30.6 | 16 n24.3 | 14 n20.1 | 22 n19.9 | 21 s18.6 | 07 n22.5 | 20 s34.2 | 08 n30.1 | 07 s49.5 | 20 s56.9 | 04 n53.8 |
| 05 jun | 4 57 22.8 | 22 n37.1 | 18 n05.9 | 14 n38.3 | 22 n30.9 | 21 s16.9 | 07 n20.6 | 20 s33.7 | 08 n31.0 | 07 s49.4 | 20 s57.1 | 04 n58.2 |
| 06 jun | 5 1 19.3 | 22 n43.2 | 18 n34.1 | 14 n57.9 | 22 n41.2 | 21 s15.2 | 07 n18.6 | 20 s33.2 | 08 n31.9 | 07 s49.4 | 20 s57.3 | 05 n02.5 |
| 07 jun | 5 5 15.9 | 22 n48.9 | 17 n50.8 | 15 n18.6 | 22 n50.9 | 21 s13.6 | 07 n16.5 | 20 s32.7 | 08 n32.7 | 07 s49.3 | 20 s57.5 | 05 n06.2 |
| 08 jun | 5 9 12.4 | 22 n54.2 | 16 n05.4 | 15 n40.4 | 22 n59.9 | 21 s12.0 | 07 n14.4 | 20 s32.3 | 08 n33.6 | 07 s49.3 | 20 s57.8 | 05 n09.1 |
| 09 jun | 5 13 9.0 | 22 n59.1 | 13 n30.8 | 16 n03.2 | 23 n08.3 | 21 s10.4 | 07 n12.2 | 20 s31.8 | 08 n34.4 | 07 s49.3 | 20 s58.0 | 05 n11.0 |
| 10 jun | 5 17 5.5 | 23 n03.6 | 10 n20.9 | 16 n26.9 | 23 n16.0 | 21 s08.9 | 07 n10.0 | 20 s31.3 | 08 n35.2 | 07 s49.2 | 20 s58.2 | 05 n11.9 |
| 11 jun | 5 21 2.1 | 23 n07.7 | 06 n48.1 | 16 n51.3 | 23 n23.0 | 21 s07.5 | 07 n07.7 | 20 s30.9 | 08 n36.0 | 07 s49.2 | 20 s58.5 | 05 n12.2 |
| 12 jun | 5 24 58.6 | 23 n11.4 | 03 n03.1 | 17 n16.4 | 23 n29.3 | 21 s06.2 | 07 n05.4 | 20 s30.4 | 08 n36.8 | 07 s49.3 | 20 s58.7 | 05 n12.2 |
| 13 jun | 5 28 55.2 | 23 n14.7 | 00 s45.4 | 17 n41.9 | 23 n35.0 | 21 s05.0 | 07 n02.9 | 20 s29.9 | 08 n37.5 | 07 s49.3 | 20 s59.0 | 05 n12.4 |
| 14 jun | 5 32 51.8 | 23 n17.5 | 04 s29.7 | 18 n07.9 | 23 n39.9 | 21 s03.8 | 07 n00.5 | 20 s29.5 | 08 n38.3 | 07 s49.3 | 20 s59.2 | 05 n13.1 |
| 15 jun | 5 36 48.3 | 23 n20.0 | 08 s02.8 | 18 n34.2 | 23 n44.2 | 21 s02.8 | 06 n58.0 | 20 s29.0 | 08 n39.0 | 07 s49.4 | 20 s59.4 | 05 n14.7 |
| 16 jun | 5 40 44.9 | 23 n22.0 | 11 s17.3 | 19 n00.6 | 23 n47.8 | 21 s01.9 | 06 n55.4 | 20 s28.6 | 08 n39.7 | 07 s49.4 | 20 s59.7 | 05 n17.3 |
| 17 jun | 5 44 41.4 | 23 n23.6 | 14 s05.7 | 19 n27.0 | 23 n50.6 | 21 s01.1 | 06 n52.8 | 20 s28.1 | 08 n40.4 | 07 s49.5 | 20 s59.9 | 05 n20.9 |
| 18 jun | 5 48 38.0 | 23 n24.8 | 16 s19.9 | 19 n53.2 | 23 n52.8 | 21 s00.4 | 06 n50.1 | 20 s27.7 | 08 n41.1 | 07 s49.6 | 21 s00.2 | 05 n25.3 |
| 19 jun | 5 52 34.5 | 23 n25.6 | 17 s51.8 | 20 n19.1 | 23 n54.2 | 20 s59.9 | 06 n47.4 | 20 s27.3 | 08 n41.8 | 07 s49.7 | 21 s00.4 | 05 n30.1 |
| 20 jun | 5 56 31.1 | 23 n26.0 | 18 s34.3 | 20 n44.6 | 23 n55.0 | 20 s59.5 | 06 n44.6 | 20 s26.9 | 08 n42.5 | 07 s49.8 | 21 s00.7 | 05 n35.1 |
| 21 jun | 6 0 27.6 | 23 n26.0 | 18 s22.4 | 21 n09.4 | 23 n55.0 | 20 s59.2 | 06 n41.8 | 20 s26.4 | 08 n43.1 | 07 s49.9 | 21 s01.0 | 05 n39.6 |
| 22 jun | 6 4 24.2 | 23 n25.6 | 17 s13.9 | 21 n33.4 | 23 n54.3 | 20 s59.1 | 06 n38.9 | 20 s26.0 | 08 n43.7 | 07 s50.0 | 21 s01.2 | 05 n43.4 |
| 23 jun | 6 8 20.8 | 23 n24.7 | 15 s10.8 | 21 n56.4 | 23 n53.0 | 20 s59.1 | 06 n36.0 | 20 s25.6 | 08 n44.4 | 07 s50.2 | 21 s01.5 | 05 n46.2 |
| 24 jun | 6 12 17.3 | 23 n23.5 | 12 s18.1 | 22 n18.2 | 23 n50.9 | 20 s59.3 | 06 n33.0 | 20 s25.2 | 08 n45.0 | 07 s50.3 | 21 s01.7 | 05 n47.9 |
| 25 jun | 6 16 13.9 | 23 n21.8 | 08 s44.3 | 22 n38.6 | 23 n48.1 | 20 s59.7 | 06 n30.0 | 20 s24.8 | 08 n45.5 | 07 s50.5 | 21 s02.0 | 05 n48.7 |
| 26 jun | 6 20 10.4 | 23 n19.7 | 04 s39.9 | 22 n57.4 | 23 n44.6 | 21 s00.1 | 06 n26.9 | 20 s24.5 | 08 n46.1 | 07 s50.7 | 21 s02.3 | 05 n48.8 |
| 27 jun | 6 24 7.0 | 23 n17.2 | 00 s17.1 | 23 n14.4 | 23 n40.3 | 21 s00.8 | 06 n23.8 | 20 s24.1 | 08 n46.7 | 07 s50.9 | 21 s02.5 | 05 n48.7 |
| 28 jun | 6 28 3.5 | 23 n14.3 | 04 n10.4 | 23 n29.4 | 23 n35.4 | 21 s01.6 | 06 n20.6 | 20 s23.7 | 08 n47.2 | 07 s51.1 | 21 s02.8 | 05 n48.8 |
| 29 jun | 6 32 0.1 | 23 n11.0 | 08 n27.3 | 23 n42.2 | 23 n29.8 | 21 s02.5 | 06 n17.4 | 20 s23.4 | 08 n47.7 | 07 s51.3 | 21 s03.1 | 05 n49.5 |
| 30 jun | 6 35 56.6 | 23 n07.3 | 12 n17.3 | 23 n52.6 | 23 n23.5 | 21 s03.7 | 06 n14.1 | 20 s23.0 | 08 n48.2 | 07 s51.5 | 21 s03.3 | 05 n51.1 |

JULHO DE 2016

Longitude dos Astros

Tropical Ephemeris - sexta-feira, 01 jul 2016 at noon, Greenwich SVP = 05x01.85 True Ayanamsa = 24d 05m 08s
 Julian Day = 2457571.0 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 53.2 | 10S04.2 | 00X09.5 | 03S14.2 | 16S48.6 | 23N04.4 | 17N08.5 | 11J0917 | 24Y11.0 | 11X57!5 | 16V22!0 | 15N02!1 |
| 02 jul | 6 43 49.8 | 11S01.4 | 14X43.6 | 05S23.1 | 18S02.3 | 23N06.1 | 17N16.7 | 11J0612 | 24Y12.4 | 11X56!9 | 16V20!5 | 14N53!5 |
| 03 jul | 6 47 46.3 | 11S58.7 | 29X12.1 | 07S32.7 | 19S16.0 | 23N08.6 | 17N25.1 | 11J02!7 | 24Y13.6 | 11X56!3 | 16V19!0 | 14N43!9 |
| 04 jul | 6 51 42.9 | 12S55.9 | 13S28.3 | 09S42.9 | 20S29.8 | 23N11.9 | 17N33.5 | 10J59!2 | 24Y14.9 | 11X55!7 | 16V17!6 | 14N34!4 |
| 05 jul | 6 55 39.4 | 13S53.1 | 27S26.4 | 11S53.2 | 21S43.5 | 23N16.0 | 17N42.1 | 10J55!8 | 24Y16.1 | 11X55!0 | 16V16!1 | 14N26!0 |
| 06 jul | 6 59 36.0 | 14S50.3 | 11R02.4 | 14S03.6 | 22S57.3 | 23N20.9 | 17N50.8 | 10J52!5 | 24Y17.2 | 11X54!3 | 16V14!6 | 14N19!6 |
| 07 jul | 7 3 32.5 | 15S47.6 | 24R14.9 | 16S13.6 | 24S11.0 | 23N26.5 | 17N59.6 | 10J49!3 | 24Y18.3 | 11X53!6 | 16V13!1 | 14N15!5 |
| 08 jul | 7 7 29.1 | 16S44.8 | 07N04.2 | 18S23.0 | 25S24.8 | 23N33.0 | 18N08.5 | 10J46!1 | 24Y19.4 | 11X52!9 | 16V11!6 | 14N13!7 |
| 09 jul | 7 11 25.6 | 17S42.0 | 19N32.9 | 20S31.7 | 26S38.5 | 23N40.3 | 18N17.5 | 10J43!0 | 24Y20.4 | 11X52!1 | 16V10!1 | 14N13.5 |
| 10 jul | 7 15 22.2 | 18S39.2 | 01A44.8 | 22S39.3 | 27S52.3 | 23N48.3 | 18N26.6 | 10J40!0 | 24Y21.4 | 11X51!3 | 16V08!6 | 14N14.4 |
| 11 jul | 7 19 18.8 | 19S36.4 | 13A44.5 | 24S45.8 | 29S06.0 | 23N57.0 | 18N35.8 | 10J37!0 | 24Y22.3 | 11X50!5 | 16V07!2 | 14N15.2 |
| 12 jul | 7 23 15.3 | 20S33.6 | 25A37.3 | 26S51.0 | 00R19.8 | 24N06.5 | 18N45.1 | 10J34!1 | 24Y23.1 | 11X49!6 | 16V05!7 | 14N15!2 |
| 13 jul | 7 27 11.9 | 21S30.9 | 07N28.2 | 28S54.7 | 01R33.5 | 24N16.7 | 18N54.5 | 10J31!3 | 24Y23.9 | 11X48!7 | 16V04!2 | 14N13!7 |
| 14 jul | 7 31 8.4 | 22S28.1 | 19N22.2 | 00R56.9 | 02R47.2 | 24N27.7 | 19N04.0 | 10J28!6 | 24Y24.7 | 11X47!8 | 16V02!7 | 14N10!2 |
| 15 jul | 7 35 5.0 | 23S25.3 | 01J23.6 | 02R57.5 | 04R01.0 | 24N39.3 | 19N13.5 | 10J25!9 | 24Y25.4 | 11X46!9 | 16V01!3 | 14N04!8 |
| 16 jul | 7 39 1.5 | 24S22.5 | 13J36.1 | 04R56.4 | 05R14.7 | 24N51.6 | 19N23.2 | 10J23!4 | 24Y26.1 | 11X45!9 | 15V59!8 | 13N57!6 |
| 17 jul | 7 42 58.1 | 25S19.7 | 26J02.3 | 06R53.6 | 06R28.5 | 25N04.6 | 19N33.0 | 10J20!9 | 24Y26.7 | 11X44!9 | 15V58!3 | 13N49!5 |
| 18 jul | 7 46 54.6 | 26S17.0 | 08V43.8 | 08R49.1 | 07R42.2 | 25N18.3 | 19N42.9 | 10J18!4 | 24Y27.3 | 11X43!9 | 15V56!9 | 13N41!1 |
| 19 jul | 7 50 51.2 | 27S14.2 | 21V40.9 | 10R42.7 | 08R55.9 | 25N32.6 | 19N52.8 | 10J16!1 | 24Y27.8 | 11X42!9 | 15V55!4 | 13N33!3 |
| 20 jul | 7 54 47.7 | 28S11.4 | 04A53.1 | 12R34.6 | 10R09.7 | 25N47.5 | 20N02.9 | 10J13!9 | 24Y28.3 | 11X41!8 | 15V54!0 | 13N27!0 |
| 21 jul | 7 58 44.3 | 29S08.7 | 18A19.1 | 14R24.7 | 11R23.4 | 26N03.0 | 20N13.0 | 10J11!7 | 24Y28.8 | 11X40!7 | 15V52!5 | 13N22!5 |
| 22 jul | 8 2 40.9 | 00R06.0 | 01X56.9 | 16R13.0 | 12R37.1 | 26N19.2 | 20N23.2 | 10J09!6 | 24Y29.1 | 11X39!6 | 15V51!1 | 13N20!1 |
| 23 jul | 8 6 37.4 | 01R03.2 | 15X44.8 | 17R45.9 | 13R50.5 | 26N36.0 | 20N33.5 | 10J07!6 | 24Y29.5 | 11X38!5 | 15V49!7 | 13N19.6 |
| 24 jul | 8 10 34.0 | 02R00.5 | 29X40.9 | 19R44.2 | 15R04.6 | 26N53.3 | 20N43.9 | 10J05!7 | 24Y29.8 | 11X37!3 | 15V48!3 | 13N20.4 |
| 25 jul | 8 14 30.5 | 02R57.8 | 13Y43.6 | 21R27.2 | 16R18.3 | 27N11.3 | 20N54.4 | 10J03!9 | 24Y30.0 | 11X36!1 | 15V46!9 | 13N21.7 |
| 26 jul | 8 18 27.1 | 03R55.1 | 27Y51.6 | 23R08.4 | 17R32.1 | 27N29.8 | 21N04.9 | 10J02!1 | 24Y30.2 | 11X34!9 | 15V45!5 | 13N22.7 |
| 27 jul | 8 22 23.6 | 04R52.5 | 12R03.3 | 24R47.8 | 18R45.8 | 27N48.8 | 21N15.5 | 10J00!5 | 24Y30.3 | 11X33!7 | 15V44!1 | 13N22!6 |
| 28 jul | 8 26 20.2 | 05R49.8 | 26R16.8 | 26R25.5 | 19R59.5 | 28N08.5 | 21N26.2 | 09J58!9 | 24Y30.4 | 11X32!5 | 15V42!7 | 13N21!0 |
| 29 jul | 8 30 16.7 | 06R47.2 | 10X29.5 | 28R01.4 | 21R13.3 | 28N28.6 | 21N37.0 | 09J57!5 | 24Y30.5 | 11X31!2 | 15V41!3 | 13N17!9 |
| 30 jul | 8 34 13.3 | 07R44.6 | 24X38.4 | 29R35.6 | 22R27.0 | 28N49.3 | 21N47.8 | 09J56!1 | 24Y30!5 | 11X29!9 | 15V40!0 | 13N13!4 |
| 31 jul | 8 38 9.9 | 08R42.0 | 08S39.7 | 01N08.0 | 23R40.7 | 29N10.5 | 21N58.8 | 09J54!8 | 24Y30!4 | 11X28!6 | 15V38!6 | 13N08!2 |

Declinação dos Astros

Tropical Ephemeris - sexta-feira, 01 jul 2016 at noon, Greenwich SVP = 05x01.85 True Ayanamsa = 24d 05m 08s
 Julian Day = 2457571.0 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 53.2 | 23n03.1 | 15n23.8 | 24n00.6 | 23n16.5 | 21s04.9 | 06n10.8 | 20s22.7 | 08n48.7 | 07s51.8 | 21s03.6 | 05n53.7 |
| 02 jul | 6 43 49.8 | 22n58.6 | 17n32.0 | 24n06.0 | 23n08.8 | 21s06.4 | 06n07.5 | 20s22.3 | 08n49.2 | 07s52.0 | 21s03.9 | 05n57.0 |
| 03 jul | 6 47 46.3 | 22n53.7 | 18n31.9 | 24n08.7 | 23n00.4 | 21s08.0 | 06n04.1 | 20s22.0 | 08n49.6 | 07s52.3 | 21s04.2 | 06n00.7 |
| 04 jul | 6 51 42.9 | 22n48.4 | 18n20.3 | 24n08.6 | 22n51.4 | 21s09.7 | 06n00.6 | 20s21.7 | 08n50.0 | 07s52.6 | 21s04.4 | 06n04.4 |
| 05 jul | 6 55 39.4 | 22n42.6 | 17n01.4 | 24n05.7 | 22n41.7 | 21s11.6 | 05n57.2 | 20s21.4 | 08n50.5 | 07s52.8 | 21s04.7 | 06n07.6 |
| 06 jul | 6 59 36.0 | 22n36.5 | 14n45.9 | 24n00.1 | 22n31.3 | 21s13.7 | 05n53.6 | 20s21.1 | 08n50.9 | 07s53.1 | 21s05.0 | 06n10.1 |
| 07 jul | 7 3 32.5 | 22n30.0 | 11n47.2 | 23n51.6 | 22n20.3 | 21s15.9 | 05n50.1 | 20s20.8 | 08n51.2 | 07s53.4 | 21s05.2 | 06n11.6 |
| 08 jul | 7 7 29.1 | 22n23.1 | 08n19.3 | 23n40.5 | 22n08.6 | 21s18.3 | 05n46.4 | 20s20.6 | 08n51.6 | 07s53.8 | 21s05.5 | 06n12.3 |
| 09 jul | 7 11 25.6 | 22n15.8 | 04n34.5 | 23n26.8 | 21n56.2 | 21s20.8 | 05n42.8 | 20s20.3 | 08n52.0 | 07s54.1 | 21s05.8 | 06n12.4 |
| 10 jul | 7 15 22.2 | 22n08.2 | 00n43.4 | 23n10.5 | 21n43.3 | 21s23.5 | 05n39.1 | 20s20.1 | 08n52.3 | 07s54.4 | 21s06.1 | 06n12.1 |
| 11 jul | 7 19 18.8 | 22n00.1 | 03s05.4 | 22n51.9 | 21n29.7 | 21s26.3 | 05n35.4 | 20s19.8 | 08n52.6 | 07s54.8 | 21s06.4 | 06n11.8 |
| 12 jul | 7 23 15.3 | 21n51.7 | 06s44.4 | 22n31.0 | 21n15.5 | 21s29.3 | 05n31.6 | 20s19.6 | 08n52.9 | 07s55.1 | 21s06.6 | 06n11.8 |
| 13 jul | 7 27 11.9 | 21n42.9 | 10s06.7 | 22n08.0 | 21n00.7 | 21s32.4 | 05n27.8 | 20s19.4 | 08n53.2 | 07s55.5 | 21s06.9 | 06n12.3 |
| 14 jul | 7 31 8.4 | 21n33.8 | 13s05.2 | 21n43.0 | 20n45.2 | 21s35.6 | 05n24.0 | 20s19.2 | 08n53.4 | 07s55.9 | 21s07.2 | 06n13.7 |
| 15 jul | 7 35 5.0 | 21n24.2 | 15s32.5 | 21n16.2 | 20n29.2 | 21s39.0 | 05n20.1 | 20s19.0 | 08n53.7 | 07s56.3 | 21s07.5 | 06n15.8 |
| 16 jul | 7 39 1.5 | 21n14.3 | 17s20.8 | 20n47.7 | 20n12.6 | 21s42.4 | 05n16.1 | 20s18.8 | 08n53.9 | 07s56.7 | 21s07.7 | 06n18.5 |
| 17 jul | 7 42 58.1 | 21n04.1 | 18s22.4 | 20n17.6 | 19n55.5 | 21s46.0 | 05n12.2 | 20s18.6 | 08n54.1 | 07s57.1 | 21s08.0 | 06n21.7 |
| 18 jul | 7 46 54.6 | 20n53.5 | 18s30.8 | 19n46.2 | 19n37.7 | 21s49.7 | 05n08.2 | 20s18.5 | 08n54.3 | 07s57.5 | 21s08.3 | 06n24.9 |
| 19 jul | 7 50 51.2 | 20n42.5 | 17s41.9 | 19n13.5 | 19n19.5 | 21s53.6 | 05n04.2 | 20s18.4 | 08n54.4 | 07s57.9 | 21s08.6 | 06n27.9 |
| 20 jul | 7 54 47.7 | 20n31.2 | 15s55.4 | 18n39.6 | 19n00.7 | 21s57.5 | 05n00.1 | 20s18.2 | 08n54.6 | 07s58.3 | 21s08.8 | 06n30.3 |
| 21 jul | 7 58 44.3 | 20n19.5 | 13s15.3 | 18n04.8 | 18n41.3 | 22s01.5 | 04n56.0 | 20s18.1 | 08n54.7 | 07s58.8 | 21s09.1 | 06n32.0 |
| 22 jul | 8 2 40.9 | 20n07.5 | 09s49.5 | 17n29.0 | 18n21.4 | 22s05.6 | 04n51.9 | 20s18.0 | 08n54.9 | 07s59.2 | 21s09.4 | 06n32.9 |
| 23 jul | 8 6 37.4 | 19n55.2 | 05s49.3 | 16n52.4 | 18n01.1 | 22s09.8 | 04n47.7 | 20s17.9 | 08n55.0 | 07s59.7 | 21s09.7 | 06n33.1 |
| 24 jul | 8 10 34.0 | 19n42.5 | 01s28.0 | 16n15.1 | 17n40.2 | 22s14.1 | 04n43.5 | 20s17.9 | 08n55.0 | 08s00.2 | 21s10.0 | 06n32.8 |
| 25 jul | 8 14 30.5 | 19n29.5 | 02n59.7 | 15n37.2 | 17n18.9 | 22s18.5 | 04n39.3 | 20s17.8 | 08n55.1 | 08s00.6 | 21s10.2 | 06n32.3 |
| 26 jul | 8 18 27.1 | 19n16.2 | 07n18.7 | 14n58.8 | 16n57.0 | 22s23.0 | 04n35.1 | 20s17.7 | 08n55.1 | 08s01.1 | 21s10.5 | 06n31.9 |
| 27 jul | 8 22 23.6 | 19n02.6 | 11n13.6 | 14n20.0 | 16n34.8 | 22s27.5 | 04n30.8 | 20s17.7 | 08n55.2 | 08s01.6 | 21s10.8 | 06n32.0 |
| 28 jul | 8 26 20.2 | 18n48.6 | 14n29.6 | 13n40.9 | 16n12.0 | 22s32.0 | 04n26.5 | 20s17.7 | 08n55.2 | 08s02.1 | 21s11.0 | 06n32.6 |
| 29 jul | 8 30 16.7 | 18n34.4 | 16n53.5 | 13n01.4 | 15n48.8 | 22s36.7 | 04n22.1 | 20s17.7 | 08n55.2 | 08s02.6 | 21s11.3 | 06n33.8 |
| 30 jul | 8 34 13.3 | 18n19.8 | 18n14.9 | 12n21.8 | 15n25.2 | 22s41.4 | 04n17.7 | 20s17.7 | 08n55.1 | 08s03.1 | 21s11.6 | 06n35.5 |
| 31 jul | 8 38 9.9 | 18n04.9 | 18n28.7 | 11n42.0 | 15n01.2 | 22s46.1 | 04n13.3 | 20s17.7 | 08n55.1 | 08s03.7 | 21s11.9 | 06n37.5 |

AGOSTO DE 2016

Longitude dos Astros

Tropical Ephemeris - segunda-feira, 01 ago 2016 at noon, Greenwich SVP = 05x01.78 True Ayanansa = 24d 05m 12s
 Julian Day = 2457602.0 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 42 6.4 | 09 R39.4 | 22 S29.7 | 02 R38.6 | 24 R54.5 | 29 R32.3 | 22 R09.8 | 09 L53!6 | 24 R30!3 | 11 X27!3 | 15 X37!3 | 13 R03!0 |
| 02 ago | 8 46 3.0 | 10 R36.8 | 06 R05.0 | 04 R07.5 | 26 R08.2 | 29 R54.5 | 22 R20.8 | 09 L52!5 | 24 R30!1 | 11 X26!0 | 15 X36!0 | 12 R58!5 |
| 03 ago | 8 49 59.5 | 11 R34.3 | 19 R23.1 | 05 R34.5 | 27 R22.0 | 00 L17.3 | 22 R32.0 | 09 L51!5 | 24 R29!9 | 11 X24!6 | 15 X34!7 | 12 R55!2 |
| 04 ago | 8 53 56.1 | 12 R31.8 | 02 R22.7 | 06 R59.8 | 28 R35.7 | 00 L40.5 | 22 R43.2 | 09 L50!6 | 24 R29!7 | 11 X23!2 | 15 X33!4 | 12 R53!3 |
| 05 ago | 8 57 52.6 | 13 R29.2 | 15 R04.1 | 08 R23.2 | 29 R49.4 | 01 L04.2 | 22 R54.4 | 09 L49!8 | 24 R29!4 | 11 X21!8 | 15 X32!1 | 12 R52.9 |
| 06 ago | 9 1 49.2 | 14 R26.7 | 27 R28.6 | 09 R44.7 | 01 R03.1 | 01 L28.4 | 23 R05.8 | 09 L49!1 | 24 R29!0 | 11 X20!4 | 15 X30!9 | 12 R53.6 |
| 07 ago | 9 5 45.7 | 15 R24.2 | 09 R38.9 | 11 R04.3 | 02 R16.9 | 01 L53.1 | 23 R17.2 | 09 L48!4 | 24 R28!6 | 11 X19!0 | 15 X29!6 | 12 R55.1 |
| 08 ago | 9 9 42.3 | 16 R21.8 | 21 R38.6 | 12 R22.0 | 03 R30.6 | 02 L18.1 | 23 R28.6 | 09 L47!9 | 24 R28!2 | 11 X17!5 | 15 X28!4 | 12 R56.8 |
| 09 ago | 9 13 38.9 | 17 R19.3 | 03 R31.9 | 13 R37.6 | 04 R44.3 | 02 L43.7 | 23 R40.1 | 09 L47!5 | 24 R27!7 | 11 X16!1 | 15 X27!2 | 12 R58.2 |
| 10 ago | 9 17 35.4 | 18 R16.8 | 15 R23.5 | 14 R51.2 | 05 R58.0 | 03 L09.6 | 23 R51.7 | 09 L47!2 | 24 R27!2 | 11 X14!6 | 15 X26!0 | 12 R58.9 |
| 11 ago | 9 21 32.0 | 19 R14.4 | 27 R18.3 | 16 R02.6 | 07 R11.7 | 03 L36.0 | 24 R03.4 | 09 L46!9 | 24 R26!6 | 11 X13!1 | 15 X24!8 | 12 R58!7 |
| 12 ago | 9 25 28.5 | 20 R12.0 | 09 L20.9 | 17 R11.8 | 08 R25.4 | 04 L02.8 | 24 R15.0 | 09 L46!8 | 24 R25!9 | 11 X11!6 | 15 X23!6 | 12 R57!4 |
| 13 ago | 9 29 25.1 | 21 R09.6 | 21 L35.6 | 18 R18.8 | 09 R39.0 | 04 L30.0 | 24 R26.8 | 09 L46.7 | 24 R25!2 | 11 X10!1 | 15 X22!5 | 12 R55!3 |
| 14 ago | 9 33 21.6 | 22 R07.2 | 04 R06.2 | 19 R23.3 | 10 R52.7 | 04 L57.6 | 24 R38.6 | 09 L46.8 | 24 R24!5 | 11 X08!5 | 15 X21!4 | 12 R52!5 |
| 15 ago | 9 37 18.2 | 23 R04.8 | 16 R55.3 | 20 R25.3 | 12 R06.4 | 05 L25.6 | 24 R50.4 | 09 L47.0 | 24 R23!7 | 11 X07!0 | 15 X20!3 | 12 R49!6 |
| 16 ago | 9 41 14.7 | 24 R02.5 | 00 R04.3 | 21 R24.7 | 13 R20.0 | 05 L54.0 | 25 R02.4 | 09 L47.2 | 24 R22!9 | 11 X05!5 | 15 X19!2 | 12 R46!8 |
| 17 ago | 9 45 11.3 | 25 R00.1 | 13 R33.3 | 22 R21.4 | 14 R33.7 | 06 L22.7 | 25 R14.3 | 09 L47.6 | 24 R22!1 | 11 X03!9 | 15 X18!1 | 12 R44!6 |
| 18 ago | 9 49 7.9 | 25 R57.8 | 27 R20.6 | 23 R15.1 | 15 R47.3 | 06 L51.8 | 25 R26.3 | 09 L48.0 | 24 R21!2 | 11 X02!3 | 15 X17!1 | 12 R43!3 |
| 19 ago | 9 53 4.4 | 26 R55.5 | 11 X23.6 | 24 R05.9 | 17 R00.9 | 07 L21.2 | 25 R38.4 | 09 L48.5 | 24 R20!2 | 11 X00!7 | 15 X16!1 | 12 R42!8 |
| 20 ago | 9 57 1.0 | 27 R53.3 | 25 X38.2 | 24 R53.4 | 18 R14.5 | 07 L51.0 | 25 R50.5 | 09 L49.2 | 24 R19!2 | 10 X59!2 | 15 X15!1 | 12 R43.1 |
| 21 ago | 10 0 57.5 | 28 R51.0 | 09 R60.0 | 25 R37.5 | 19 R28.1 | 08 L21.1 | 26 R02.6 | 09 L49.9 | 24 R18!1 | 10 X57!6 | 15 X14!1 | 12 R43.9 |
| 22 ago | 10 4 54.1 | 29 R48.8 | 24 R24.5 | 26 R18.0 | 20 R41.7 | 08 L51.5 | 26 R14.8 | 09 L50.7 | 24 R17!1 | 10 X55!9 | 15 X13!1 | 12 R44.9 |
| 23 ago | 10 8 50.6 | 00 R46.6 | 08 R47.5 | 26 R54.7 | 21 R55.3 | 09 L22.3 | 26 R27.0 | 09 L51.7 | 24 R15!9 | 10 X54!3 | 15 X12!2 | 12 R45.8 |
| 24 ago | 10 12 47.2 | 01 R44.5 | 23 R05.7 | 27 R27.4 | 23 R08.9 | 09 L53.4 | 26 R39.3 | 09 L52.7 | 24 R14!8 | 10 X52!7 | 15 X11!3 | 12 R46.4 |
| 25 ago | 10 16 43.7 | 02 R42.4 | 07 R16.1 | 27 R55.8 | 24 R22.5 | 10 L24.8 | 26 R51.6 | 09 L53.8 | 24 R13!5 | 10 X51!1 | 15 X10!4 | 12 R46!5 |
| 26 ago | 10 20 40.3 | 03 R40.3 | 21 R16.7 | 28 R19.7 | 25 R36.1 | 10 L56.5 | 27 R03.9 | 09 L55.0 | 24 R12!3 | 10 X49!5 | 15 X09!5 | 12 R46!1 |
| 27 ago | 10 24 36.9 | 04 R38.2 | 05 R06.1 | 28 R38.8 | 26 R49.6 | 11 L28.5 | 27 R16.3 | 09 L56.3 | 24 R11!0 | 10 X47!8 | 15 X08!6 | 12 R45!4 |
| 28 ago | 10 28 33.4 | 05 R36.2 | 18 R43.0 | 28 R52.8 | 28 R03.2 | 12 L00.9 | 27 R28.8 | 09 L57.7 | 24 R09!6 | 10 X46!2 | 15 X07!8 | 12 R44!5 |
| 29 ago | 10 32 30.0 | 06 R34.2 | 02 R06.7 | 29 R01.5 | 29 R16.8 | 12 L33.5 | 27 R41.2 | 09 L59.2 | 24 R08!3 | 10 X44!5 | 15 X07!0 | 12 R43!7 |
| 30 ago | 10 36 26.5 | 07 R32.2 | 15 R16.5 | 29 R04.6 | 00 R30.3 | 13 L06.4 | 27 R53.7 | 10 L00.8 | 24 R06!8 | 10 X42!9 | 15 X06!3 | 12 R43!1 |
| 31 ago | 10 40 23.1 | 08 R30.2 | 28 R12.3 | 29 R02!0 | 01 R43.8 | 13 L39.6 | 28 R06.3 | 10 L02.5 | 24 R05!4 | 10 X41!2 | 15 X05!5 | 12 R42!7 |

Declinação dos Astros

Tropical Ephemeris - segunda-feira, 01 ago 2016 at noon, Greenwich SVP = 05x01.78 True Ayanansa = 24d 05m 12s
 Julian Day = 2457602.0 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 42 6.4 | 17 n49.8 | 17 n35.8 | 11 n02.2 | 14 n36.8 | 22 s50.9 | 04 n08.9 | 20 s17.8 | 08 n55.0 | 08 s04.2 | 21 s12.1 | 06 n39.5 |
| 02 ago | 8 46 3.0 | 17 n47.3 | 15 n43.1 | 10 n22.4 | 14 n12.0 | 22 s55.7 | 04 n04.5 | 20 s17.8 | 08 n55.0 | 08 s04.7 | 21 s12.4 | 06 n41.2 |
| 03 ago | 8 49 59.5 | 17 n45.8 | 13 n01.4 | 09 n42.7 | 13 n46.8 | 23 s00.6 | 03 n60.0 | 20 s17.9 | 08 n54.9 | 08 s05.3 | 21 s12.7 | 06 n42.5 |
| 04 ago | 8 53 56.1 | 17 n44.3 | 17 n02.5 | 09 n44.1 | 13 n21.3 | 23 s05.4 | 03 n55.5 | 20 s18.0 | 08 n54.7 | 08 s05.8 | 21 s12.9 | 06 n43.2 |
| 05 ago | 8 57 52.6 | 16 n42.3 | 06 n04.0 | 08 n23.7 | 12 n55.4 | 23 s10.4 | 03 n50.9 | 20 s18.1 | 08 n54.6 | 08 s06.4 | 21 s13.2 | 06 n43.4 |
| 06 ago | 9 1 49.2 | 16 n40.3 | 02 n12.9 | 07 n44.6 | 12 n29.1 | 23 s15.3 | 03 n46.4 | 20 s18.2 | 08 n54.5 | 08 s06.9 | 21 s13.5 | 06 n43.1 |
| 07 ago | 9 5 45.7 | 16 n38.3 | 01 s39.0 | 07 n05.8 | 12 n02.5 | 23 s20.2 | 03 n41.8 | 20 s18.3 | 08 n54.3 | 08 s07.5 | 21 s13.7 | 06 n42.5 |
| 08 ago | 9 9 42.3 | 16 n36.3 | 05 s23.2 | 06 n27.3 | 11 n35.6 | 23 s25.2 | 03 n37.2 | 20 s18.4 | 08 n54.1 | 08 s08.1 | 21 s14.0 | 06 n41.9 |
| 09 ago | 9 13 38.9 | 16 n34.3 | 08 s05.4 | 05 n49.3 | 11 n08.4 | 23 s30.1 | 03 n32.5 | 20 s18.6 | 08 n53.9 | 08 s08.6 | 21 s14.2 | 06 n41.3 |
| 10 ago | 9 17 35.4 | 16 n32.3 | 11 s20.8 | 05 n11.9 | 10 n41.0 | 23 s35.1 | 03 n27.9 | 20 s18.7 | 08 n53.7 | 08 s09.2 | 21 s14.5 | 06 n41.0 |
| 11 ago | 9 21 32.0 | 16 n30.3 | 14 s37.9 | 04 n34.9 | 10 n13.2 | 23 s40.0 | 03 n23.2 | 20 s18.9 | 08 n53.4 | 08 s09.8 | 21 s14.7 | 06 n41.1 |
| 12 ago | 9 25 28.5 | 16 n28.3 | 16 s40.3 | 03 n58.6 | 09 n45.1 | 23 s44.9 | 03 n18.5 | 20 s19.1 | 08 n53.2 | 08 s10.4 | 21 s15.0 | 06 n41.6 |
| 13 ago | 9 29 25.1 | 16 n26.3 | 17 s59.5 | 03 n23.1 | 09 n16.9 | 23 s49.9 | 03 n13.7 | 20 s19.3 | 08 n52.9 | 08 s11.0 | 21 s15.2 | 06 n42.5 |
| 14 ago | 9 33 21.6 | 16 n24.3 | 18 s28.8 | 02 n48.3 | 08 n48.3 | 23 s54.7 | 03 n09.0 | 20 s19.6 | 08 n52.6 | 08 s11.6 | 21 s15.5 | 06 n43.5 |
| 15 ago | 9 37 18.2 | 16 n22.3 | 18 s02.8 | 02 n14.3 | 08 n19.5 | 23 s59.6 | 03 n04.2 | 20 s19.8 | 08 n52.3 | 08 s12.2 | 21 s15.7 | 06 n44.6 |
| 16 ago | 9 41 14.7 | 16 n20.3 | 16 s38.6 | 01 n41.3 | 07 n50.6 | 24 s04.4 | 02 n59.5 | 20 s20.1 | 08 n52.0 | 08 s12.8 | 21 s16.0 | 06 n45.7 |
| 17 ago | 9 45 11.3 | 16 n18.3 | 14 s17.3 | 01 n09.3 | 07 n21.4 | 24 s09.2 | 02 n54.6 | 20 s20.3 | 08 n51.7 | 08 s13.4 | 21 s16.2 | 06 n46.5 |
| 18 ago | 9 49 7.9 | 16 n16.3 | 11 s04.6 | 00 n38.4 | 06 n52.0 | 24 s13.9 | 02 n49.8 | 20 s20.6 | 08 n51.3 | 08 s14.0 | 21 s16.5 | 06 n47.0 |
| 19 ago | 9 53 4.4 | 16 n14.3 | 07 s10.7 | 00 n08.8 | 06 n22.4 | 24 s18.6 | 02 n45.0 | 20 s20.9 | 08 n50.9 | 08 s14.6 | 21 s16.7 | 06 n47.2 |
| 20 ago | 9 57 1.0 | 16 n12.3 | 02 s49.1 | 00 s19.6 | 05 n52.6 | 24 s23.2 | 02 n40.1 | 20 s21.2 | 08 n50.6 | 08 s15.3 | 21 s17.0 | 06 n47.1 |
| 21 ago | 10 0 57.5 | 16 n10.3 | 01 n43.9 | 00 s46.5 | 05 n22.7 | 24 s27.8 | 02 n35.3 | 20 s21.6 | 08 n50.2 | 08 s15.9 | 21 s17.2 | 06 n46.8 |
| 22 ago | 10 4 54.1 | 16 n08.3 | 01 n11.3 | 01 s11.9 | 04 n52.7 | 24 s32.3 | 02 n30.4 | 20 s21.9 | 08 n49.7 | 08 s16.5 | 21 s17.4 | 06 n46.4 |
| 23 ago | 10 8 50.6 | 16 n06.3 | 10 n16.4 | 01 s35.6 | 04 n22.5 | 24 s36.7 | 02 n25.5 | 20 s22.2 | 08 n49.3 | 08 s17.1 | 21 s17.7 | 06 n46.1 |
| 24 ago | 10 12 47.2 | 16 n04.3 | 10 n51.2 | 13 n43.6 | 01 s57.5 | 24 s41.0 | 02 n20.5 | 20 s22.6 | 08 n48.8 | 08 s17.8 | 21 s17.9 | 06 n45.8 |
| 25 ago | 10 16 43.7 | 16 n02.3 | 16 n20.0 | 02 s17.4 | 03 n21.7 | 24 s45.3 | 02 n15.6 | 20 s23.0 | 08 n48.4 | 08 s18.4 | 21 s18.1 | 06 n45.8 |
| 26 ago | 10 20 40.3 | 16 n00.3 | 17 n56.2 | 02 s35.2 | 02 n51.2 | 24 s49.5 | 02 n10.6 | 20 s23.4 | 08 n47.9 | 08 s19.0 | 21 s18.3 | 06 n46.0 |
| 27 ago | 10 24 36.9 | 15 n58.3 | 18 n27.3 | 02 s50.6 | 02 n20.6 | 24 s53.6 | 02 n05.7 | 20 s23.8 | 08 n47.4 | 08 s19.7 | 21 s18.6 | 06 n46.2 |
| 28 ago | 10 28 33.4 | 15 n56.3 | 17 n53.4 | 03 s03.6 | 01 n49.9 | 24 s57.6 | 02 n00.7 | 20 s24.2 | 08 n46.9 | 08 s20.3 | 21 s18.8 | 06 n46.6 |
| 29 ago | 10 32 30.0 | 15 n54.3 | 16 n19.7 | 03 s13.9 | 01 n19.1 | 25 s01.5 | 01 n55.7 | 20 s24.6 | 08 n46.4 | 08 s20.9 | 21 s19.0 | 06 n46.9 |
| 30 ago | 10 36 26.5 | 15 n52.3 | 13 n55.1 | 03 s21.3 | 00 n48.3 | 25 s05.3 | 01 n50.7 | 20 s25.1 | 08 n45.8 | 08 s21.6 | 21 s19.2 | 06 n47.1 |
| 31 ago | 10 40 23.1 | 15 n50.3 | 10 n51.0 | 03 s25.7 | 00 n17.4 | 25 s09.0 | 01 n45.7 | 20 s25.5 | 08 n45.3 | 08 s22.2 | 21 s19.4 | 06 n47.3 |

SETEMBRO DE 2016

Longitude dos Astros

Tropical Ephemeris - quinta-feira, 01 set 2016 at noon, Greenwich SVP = 05 x 01.71 True Ayanansa = 24d 05m 16s
 Julian Day = 2457633.0 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 19.6 | 09 28.3 | 10 54.0 | 28 53.2 | 02 57.4 | 14 13.1 | 28 18.8 | 10 04.3 | 24 03.9 | 10 39.6 | 15 04.8 | 12 42.6 |
| 02 set | 10 48 16.2 | 10 26.4 | 23 22.3 | 28 38.4 | 04 10.9 | 14 46.9 | 28 31.4 | 10 06.2 | 24 02.3 | 10 37.9 | 15 04.1 | 12 42.6 |
| 03 set | 10 52 12.7 | 11 24.6 | 05 38.2 | 28 17.2 | 05 24.4 | 15 20.9 | 28 44.1 | 10 08.2 | 24 00.7 | 10 36.3 | 15 03.4 | 12 42.8 |
| 04 set | 10 56 9.3 | 12 22.7 | 17 43.7 | 27 49.7 | 06 37.9 | 15 55.3 | 28 56.7 | 10 10.2 | 23 59.1 | 10 34.6 | 15 02.8 | 12 42.8 |
| 05 set | 11 0 5.9 | 13 20.9 | 29 41.0 | 27 16.1 | 07 51.4 | 16 29.8 | 29 09.4 | 10 12.4 | 23 57.5 | 10 33.0 | 15 02.1 | 12 42.8 |
| 06 set | 11 4 2.4 | 14 19.1 | 11 33.3 | 26 36.5 | 09 04.8 | 17 04.7 | 29 22.1 | 10 14.7 | 23 55.8 | 10 31.3 | 15 01.6 | 12 42.7 |
| 07 set | 11 7 59.0 | 15 17.3 | 23 24.3 | 25 51.3 | 10 18.3 | 17 39.7 | 29 34.8 | 10 17.0 | 23 54.0 | 10 29.7 | 15 01.0 | 12 42.5 |
| 08 set | 11 11 55.5 | 16 15.6 | 05 18.0 | 25 01.0 | 11 31.7 | 18 15.1 | 29 47.6 | 10 19.4 | 23 52.3 | 10 28.1 | 15 00.4 | 12 42.3 |
| 09 set | 11 15 52.1 | 17 13.9 | 17 19.1 | 24 06.5 | 12 45.2 | 18 50.6 | 00 00.4 | 10 22.0 | 23 50.5 | 10 26.4 | 14 59.9 | 12 42.2 |
| 10 set | 11 19 48.6 | 18 12.2 | 29 31.9 | 23 08.5 | 13 58.6 | 19 26.4 | 00 13.2 | 10 24.6 | 23 48.7 | 10 24.8 | 14 59.5 | 12 42.3 |
| 11 set | 11 23 45.2 | 19 10.6 | 12 01.0 | 22 08.3 | 15 12.0 | 20 02.5 | 00 26.0 | 10 27.3 | 23 46.8 | 10 23.2 | 14 59.0 | 12 42.7 |
| 12 set | 11 27 41.7 | 20 08.9 | 24 50.1 | 21 07.1 | 16 25.3 | 20 38.7 | 00 38.8 | 10 30.1 | 23 44.9 | 10 21.5 | 14 58.6 | 12 43.3 |
| 13 set | 11 31 38.3 | 21 07.3 | 08 02.3 | 20 06.1 | 17 38.7 | 21 15.2 | 00 51.7 | 10 33.0 | 23 43.0 | 10 19.9 | 14 58.2 | 12 44.1 |
| 14 set | 11 35 34.9 | 22 05.7 | 21 39.0 | 19 06.9 | 18 52.4 | 21 51.9 | 01 04.5 | 10 36.0 | 23 41.1 | 10 18.3 | 14 57.8 | 12 44.8 |
| 15 set | 11 39 31.4 | 23 04.2 | 05 39.7 | 18 10.9 | 20 05.0 | 22 28.7 | 01 17.4 | 10 39.0 | 23 39.1 | 10 16.7 | 14 57.5 | 12 45.3 |
| 16 set | 11 43 28.0 | 24 02.7 | 20 02.0 | 17 19.6 | 21 18.7 | 23 05.8 | 01 30.3 | 10 42.2 | 23 37.1 | 10 15.1 | 14 57.2 | 12 45.3 |
| 17 set | 11 47 24.5 | 25 01.2 | 04 40.8 | 16 34.1 | 22 31.9 | 23 43.1 | 01 43.2 | 10 45.4 | 23 35.0 | 10 13.5 | 14 56.9 | 12 44.7 |
| 18 set | 11 51 21.1 | 25 59.7 | 19 29.7 | 15 55.7 | 23 45.2 | 24 20.6 | 01 56.1 | 10 48.7 | 23 33.0 | 10 11.9 | 14 56.6 | 12 43.5 |
| 19 set | 11 55 17.6 | 26 58.3 | 04 21.0 | 15 25.4 | 24 58.5 | 24 58.3 | 02 09.1 | 10 52.1 | 23 30.9 | 10 10.4 | 14 56.4 | 12 41.8 |
| 20 set | 11 59 14.2 | 27 56.9 | 19 07.1 | 15 04.0 | 26 11.7 | 25 36.2 | 02 22.0 | 10 55.6 | 23 28.8 | 10 08.8 | 14 56.2 | 12 40.0 |
| 21 set | 12 3 10.7 | 28 55.6 | 03 41.6 | 14 52.0 | 27 24.9 | 26 14.2 | 02 35.0 | 10 59.1 | 23 26.6 | 10 07.3 | 14 56.0 | 12 38.4 |
| 22 set | 12 7 7.3 | 29 54.2 | 17 59.9 | 14 49.7 | 28 38.1 | 26 52.4 | 02 47.9 | 11 02.8 | 23 24.5 | 10 05.7 | 14 55.9 | 12 37.3 |
| 23 set | 12 11 3.8 | 00 53.0 | 01 59.4 | 14 57.4 | 29 51.3 | 27 30.9 | 03 00.9 | 11 06.5 | 23 22.3 | 10 04.2 | 14 55.8 | 12 37.0 |
| 24 set | 12 15 0.4 | 01 51.7 | 15 39.4 | 15 14.8 | 01 04.5 | 28 09.5 | 03 13.9 | 11 10.3 | 23 20.1 | 10 02.7 | 14 55.7 | 12 37.4 |
| 25 set | 12 18 57.0 | 02 50.5 | 29 00.6 | 15 41.9 | 02 17.7 | 28 48.3 | 03 26.8 | 11 14.2 | 23 17.8 | 10 01.2 | 14 55.6 | 12 38.6 |
| 26 set | 12 22 53.5 | 03 49.4 | 12 04.4 | 16 18.3 | 03 30.8 | 29 27.2 | 03 39.8 | 11 18.2 | 23 15.6 | 09 59.7 | 14 55.6 | 12 40.1 |
| 27 set | 12 26 50.1 | 04 48.3 | 24 52.9 | 17 03.5 | 04 44.0 | 00 06.4 | 03 52.8 | 11 22.2 | 23 13.3 | 09 58.3 | 14 55.6 | 12 41.5 |
| 28 set | 12 30 46.6 | 05 47.2 | 07 28.0 | 17 56.9 | 05 57.1 | 00 45.7 | 04 05.8 | 11 26.3 | 23 11.0 | 09 56.8 | 14 55.7 | 12 42.3 |
| 29 set | 12 34 43.2 | 06 46.1 | 19 51.7 | 18 57.8 | 07 10.2 | 01 25.1 | 04 18.7 | 11 30.5 | 23 08.7 | 09 55.4 | 14 55.8 | 12 42.2 |
| 30 set | 12 38 39.7 | 07 45.1 | 02 05.6 | 20 05.7 | 08 23.3 | 02 04.8 | 04 31.7 | 11 34.8 | 23 06.4 | 09 54.0 | 14 55.9 | 12 40.9 |

Declinação dos Astros

Tropical Ephemeris - quinta-feira, 01 set 2016 at noon, Greenwich SVP = 05 x 01.71 True Ayanansa = 24d 05m 16s
 Julian Day = 2457633.0 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 19.6 | 08 n 01.0 | 07 n 19.3 | 03 s 26.8 | 00 s 13.5 | 25 s 12.5 | 01 n 40.6 | 20 s 26.0 | 08 n 44.7 | 08 s 22.8 | 21 s 19.6 | 06 n 47.3 |
| 02 set | 10 48 16.2 | 07 n 39.1 | 03 n 31.9 | 03 s 24.4 | 00 s 44.4 | 25 s 16.0 | 01 n 35.6 | 20 s 26.5 | 08 n 44.1 | 08 s 23.5 | 21 s 19.8 | 06 n 47.3 |
| 03 set | 10 52 12.7 | 07 n 17.1 | 00 s 20.6 | 03 s 18.5 | 01 s 15.4 | 25 s 19.3 | 01 n 30.5 | 20 s 27.0 | 08 n 43.5 | 08 s 24.1 | 21 s 20.0 | 06 n 47.2 |
| 04 set | 10 56 9.3 | 06 n 54.9 | 04 s 08.7 | 03 s 08.8 | 01 s 46.3 | 25 s 22.5 | 01 n 25.5 | 20 s 27.5 | 08 n 42.9 | 08 s 24.7 | 21 s 20.2 | 06 n 47.2 |
| 05 set | 11 0 5.9 | 06 n 32.6 | 07 s 44.0 | 02 s 55.3 | 02 s 17.2 | 25 s 25.6 | 01 n 20.4 | 20 s 28.0 | 08 n 42.3 | 08 s 25.4 | 21 s 20.4 | 06 n 47.2 |
| 06 set | 11 4 2.4 | 06 n 10.3 | 10 s 59.1 | 02 s 37.9 | 02 s 48.0 | 25 s 28.6 | 01 n 15.3 | 20 s 28.6 | 08 n 41.7 | 08 s 26.0 | 21 s 20.6 | 06 n 47.3 |
| 07 set | 11 7 59.0 | 05 n 47.8 | 13 s 47.0 | 02 s 16.8 | 03 s 18.9 | 25 s 31.4 | 01 n 10.2 | 20 s 29.1 | 08 n 41.0 | 08 s 26.6 | 21 s 20.8 | 06 n 47.3 |
| 08 set | 11 11 55.5 | 05 n 25.2 | 16 s 01.2 | 01 s 52.0 | 03 s 49.7 | 25 s 34.1 | 01 n 05.1 | 20 s 29.7 | 08 n 40.3 | 08 s 27.3 | 21 s 21.0 | 06 n 47.4 |
| 09 set | 11 15 52.1 | 05 n 02.6 | 17 s 35.0 | 01 s 23.7 | 04 s 20.4 | 25 s 36.6 | 01 n 00.0 | 20 s 30.2 | 08 n 39.7 | 08 s 27.9 | 21 s 21.2 | 06 n 47.5 |
| 10 set | 11 19 48.6 | 04 n 39.8 | 18 s 22.3 | 00 s 52.4 | 04 s 51.0 | 25 s 39.0 | 00 n 54.9 | 20 s 30.8 | 08 n 39.0 | 08 s 28.5 | 21 s 21.4 | 06 n 47.4 |
| 11 set | 11 23 45.2 | 04 n 17.0 | 18 s 17.8 | 00 s 18.4 | 05 s 21.6 | 25 s 41.2 | 00 n 49.8 | 20 s 31.4 | 08 n 38.3 | 08 s 29.1 | 21 s 21.6 | 06 n 47.3 |
| 12 set | 11 27 41.7 | 03 n 54.1 | 17 s 17.6 | 00 n 17.6 | 05 s 52.0 | 25 s 43.3 | 00 n 44.7 | 20 s 32.0 | 08 n 37.6 | 08 s 29.8 | 21 s 21.8 | 06 n 47.0 |
| 13 set | 11 31 38.3 | 03 n 31.1 | 15 s 20.4 | 00 n 55.1 | 06 s 22.3 | 25 s 45.2 | 00 n 39.6 | 20 s 32.6 | 08 n 36.9 | 08 s 30.4 | 21 s 21.9 | 06 n 46.7 |
| 14 set | 11 35 34.9 | 03 n 08.1 | 12 s 28.8 | 01 n 33.2 | 06 s 52.5 | 25 s 46.9 | 00 n 34.5 | 20 s 33.2 | 08 n 36.1 | 08 s 31.0 | 21 s 22.1 | 06 n 46.5 |
| 15 set | 11 39 31.4 | 02 n 45.0 | 08 s 49.5 | 02 n 11.2 | 07 s 22.6 | 25 s 48.5 | 00 n 29.3 | 20 s 33.9 | 08 n 35.4 | 08 s 31.6 | 21 s 22.3 | 06 n 46.3 |
| 16 set | 11 43 28.0 | 02 n 21.9 | 04 s 33.8 | 02 n 48.3 | 07 s 52.5 | 25 s 49.9 | 00 n 24.2 | 20 s 34.5 | 08 n 34.7 | 08 s 32.2 | 21 s 22.5 | 06 n 46.3 |
| 17 set | 11 47 24.5 | 01 n 58.7 | 00 n 02.8 | 03 n 23.7 | 08 s 22.3 | 25 s 51.1 | 00 n 19.1 | 20 s 35.2 | 08 n 33.9 | 08 s 32.8 | 21 s 22.6 | 06 n 46.5 |
| 18 set | 11 51 21.1 | 01 n 35.5 | 04 n 42.0 | 03 n 56.9 | 08 s 51.9 | 25 s 52.2 | 00 n 13.9 | 20 s 35.8 | 08 n 33.1 | 08 s 33.4 | 21 s 22.8 | 06 n 47.0 |
| 19 set | 11 55 17.6 | 01 n 12.2 | 09 n 04.2 | 04 n 27.0 | 09 s 21.3 | 25 s 53.0 | 00 n 08.8 | 20 s 36.5 | 08 n 32.3 | 08 s 34.0 | 21 s 22.9 | 06 n 47.6 |
| 20 set | 11 59 14.2 | 00 n 48.9 | 12 n 50.9 | 04 n 53.5 | 09 s 50.5 | 25 s 53.7 | 00 n 03.6 | 20 s 37.2 | 08 n 31.6 | 08 s 34.6 | 21 s 23.1 | 06 n 48.3 |
| 21 set | 12 3 10.7 | 00 n 25.6 | 15 n 46.6 | 05 n 16.1 | 10 s 19.4 | 25 s 54.2 | 00 s 01.5 | 20 s 37.9 | 08 n 30.8 | 08 s 35.2 | 21 s 23.2 | 06 n 48.9 |
| 22 set | 12 7 7.3 | 00 n 02.3 | 17 n 40.3 | 05 n 34.3 | 10 s 48.2 | 25 s 54.5 | 00 s 06.6 | 20 s 38.6 | 08 n 30.0 | 08 s 35.8 | 21 s 23.4 | 06 n 49.3 |
| 23 set | 12 11 3.8 | 00 s 21.1 | 18 n 27.1 | 05 n 47.9 | 11 s 16.7 | 25 s 54.6 | 00 s 11.8 | 20 s 39.3 | 08 n 29.1 | 08 s 36.3 | 21 s 23.5 | 06 n 49.5 |
| 24 set | 12 15 0.4 | 00 s 44.4 | 18 n 07.7 | 05 n 56.8 | 11 s 45.0 | 25 s 54.5 | 00 s 16.9 | 20 s 40.0 | 08 n 28.3 | 08 s 36.9 | 21 s 23.7 | 06 n 49.3 |
| 25 set | 12 18 57.0 | 01 s 07.8 | 16 n 47.6 | 06 n 00.9 | 12 s 13.0 | 25 s 54.2 | 00 s 22.1 | 20 s 40.7 | 08 n 27.5 | 08 s 37.5 | 21 s 23.8 | 06 n 48.8 |
| 26 set | 12 22 53.5 | 01 s 31.2 | 14 n 35.6 | 06 n 00.2 | 12 s 40.8 | 25 s 53.7 | 00 s 27.2 | 20 s 41.4 | 08 n 26.7 | 08 s 38.0 | 21 s 23.9 | 06 n 48.3 |
| 27 set | 12 26 50.1 | 01 s 54.5 | 11 n 42.4 | 05 n 55.0 | 13 s 08.3 | 25 s 53.1 | 00 s 32.3 | 20 s 42.2 | 08 n 25.8 | 08 s 38.6 | 21 s 24.1 | 06 n 47.7 |
| 28 set | 12 30 46.6 | 02 s 17.9 | 08 n 19.2 | 05 n 45.2 | 13 s 35.4 | 25 s 52.2 | 00 s 37.5 | 20 s 42.9 | 08 n 25.0 | 08 s 39.1 | 21 s 24.2 | 06 n 47.4 |
| 29 set | 12 34 43.2 | 02 s 41.2 | 04 n 37.0 | 05 n 31.1 | 14 s 02.3 | 25 s 51.0 | 00 s 42.6 | 20 s 43.7 | 08 n 24.1 | 08 s 39.7 | 21 s 24.3 | 06 n 47.4 |
| 30 set | 12 38 39.7 | 03 s 04.5 | 00 n 46.0 | 05 n 13.1 | 14 s 28.8 | 25 s 49.7 | 00 s 47.7 | 20 s 44.4 | 08 n 23.2 | 08 s 40.2 | 21 s 24.5 | 06 n 48.0 |

OUTUBRO DE 2016

Longitude dos Astros

Tropical Ephemeris - s 8bado. 01 out 2016 at noon. Greenwich SVP = 05x01.64 True Ayanansa = 24d 05m 21s
 Julian Day = 2457663.0 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 36.3 | 08=44.1 | 14=11.2 | 21=19.8 | 09=36.3 | 02=44.5 | 04=44.7 | 11=39.2 | 23=04!1 | 09=52!6 | 14=56.0 | 12=38!2 |
| 02 out | 12 46 32.8 | 09=43.2 | 26=10.1 | 22=39.3 | 10=49.4 | 03=24.5 | 04=57.6 | 11=43.6 | 23=01!7 | 09=51!2 | 14=56.1 | 12=38!3 |
| 03 out | 12 50 29.4 | 10=42.2 | 08=04.1 | 24=03.7 | 12=02.4 | 04=04.6 | 05=10.6 | 11=48.1 | 22=59!3 | 09=49!8 | 14=56.3 | 12=39!5 |
| 04 out | 12 54 26.0 | 11=41.4 | 19=55.1 | 25=32.2 | 13=15.4 | 04=44.9 | 05=23.5 | 11=52.7 | 22=57!0 | 09=48!5 | 14=56.6 | 12=39!2 |
| 05 out | 12 58 22.5 | 12=40.5 | 01=45.6 | 27=04.3 | 14=28.4 | 05=25.3 | 05=36.5 | 11=57.3 | 22=54!6 | 09=47!1 | 14=56.8 | 12=39!2 |
| 06 out | 13 2 19.1 | 13=39.7 | 13=38.8 | 28=39.3 | 15=41.4 | 06=05.8 | 05=49.4 | 12=02.0 | 22=52!2 | 09=45!8 | 14=57.1 | 12=39!4 |
| 07 out | 13 6 15.6 | 14=38.9 | 25=38.0 | 00=16.7 | 16=54.4 | 06=46.5 | 06=02.3 | 12=06.8 | 22=49!8 | 09=44!5 | 14=57.4 | 12=39!6 |
| 08 out | 13 10 12.2 | 15=38.1 | 07=47.6 | 01=56.1 | 18=07.3 | 07=27.4 | 06=15.2 | 12=11.7 | 22=47!4 | 09=43!3 | 14=57.8 | 12=39!9 |
| 09 out | 13 14 8.7 | 16=37.4 | 20=11.9 | 03=37.1 | 19=20.2 | 08=08.3 | 06=28.1 | 12=16.6 | 22=44!9 | 09=42!0 | 14=58.1 | 12=39!7 |
| 10 out | 13 18 5.3 | 17=36.7 | 02=55.3 | 05=19.2 | 20=33.1 | 08=49.4 | 06=41.0 | 12=21.6 | 22=42!5 | 09=40!8 | 14=58.6 | 12=39!6 |
| 11 out | 13 22 1.8 | 18=36.0 | 16=02.1 | 07=02.3 | 21=45.9 | 09=30.6 | 06=53.8 | 12=26.6 | 22=40!1 | 09=39!6 | 14=59.0 | 12=39!1 |
| 12 out | 13 25 58.4 | 19=35.4 | 29=35.3 | 08=45.9 | 22=58.8 | 10=12.0 | 07=06.7 | 12=31.7 | 22=37!6 | 09=38!4 | 14=59.5 | 12=38!5 |
| 13 out | 13 29 55.0 | 20=34.8 | 13=36.5 | 10=30.0 | 24=11.5 | 10=53.5 | 07=19.5 | 12=36.9 | 22=35!2 | 09=37!3 | 14=60.0 | 12=38!0 |
| 14 out | 13 33 51.5 | 21=34.2 | 28=04.8 | 12=14.2 | 25=24.3 | 11=35.1 | 07=32.3 | 12=42.2 | 22=32!7 | 09=36!1 | 15=00.5 | 12=38!0 |
| 15 out | 13 37 48.1 | 22=33.6 | 12=56.1 | 13=58.5 | 26=37.1 | 12=16.7 | 07=45.0 | 12=47.5 | 22=30!3 | 09=35!0 | 15=01.0 | 12=38!2 |
| 16 out | 13 41 44.6 | 23=33.1 | 28=03.2 | 15=42.7 | 27=49.8 | 12=58.6 | 07=57.8 | 12=52.8 | 22=27!9 | 09=33!9 | 15=01.6 | 12=38!5 |
| 17 out | 13 45 41.2 | 24=32.6 | 13=16.8 | 17=26.6 | 29=02.4 | 13=40.5 | 08=10.5 | 12=58.3 | 22=25!4 | 09=32!9 | 15=02.2 | 11=59!4 |
| 18 out | 13 49 37.7 | 25=32.2 | 28=26.1 | 19=10.3 | 00=15.1 | 14=22.5 | 08=23.2 | 13=03.7 | 22=23!0 | 09=31!9 | 15=02.9 | 11=52!8 |
| 19 out | 13 53 34.3 | 26=31.7 | 13=21.5 | 20=53.6 | 01=27.7 | 15=04.6 | 08=35.8 | 13=09.3 | 22=20!5 | 09=30!9 | 15=03.6 | 11=46!5 |
| 20 out | 13 57 30.8 | 27=31.4 | 27=55.6 | 22=36.5 | 02=40.3 | 15=46.9 | 08=48.5 | 13=14.9 | 22=18!1 | 09=29!9 | 15=04.3 | 11=41!5 |
| 21 out | 14 1 27.4 | 28=31.0 | 12=04.2 | 24=18.9 | 03=52.9 | 16=29.2 | 09=01.1 | 13=20.5 | 22=15!7 | 09=28!9 | 15=05.0 | 11=38!3 |
| 22 out | 14 5 24.0 | 29=30.7 | 25=46.2 | 26=00.9 | 05=05.5 | 17=11.7 | 09=13.7 | 13=26.3 | 22=13!3 | 09=28!0 | 15=05.8 | 11=36!9 |
| 23 out | 14 9 20.5 | 00=30.5 | 09=02.9 | 27=42.3 | 06=18.0 | 17=54.2 | 09=26.2 | 13=32.0 | 22=10!8 | 09=27!1 | 15=06.6 | 11=37.2 |
| 24 out | 14 13 17.1 | 01=30.2 | 21=57.2 | 29=23.3 | 07=30.5 | 18=36.9 | 09=38.8 | 13=37.8 | 22=08!4 | 09=26!2 | 15=07.4 | 11=38.3 |
| 25 out | 14 17 13.6 | 02=30.1 | 04=33.0 | 01=03.6 | 08=42.9 | 19=19.6 | 09=51.2 | 13=43.7 | 22=06!0 | 09=25!4 | 15=08.2 | 11=39.4 |
| 26 out | 14 21 10.2 | 03=29.9 | 16=54.2 | 02=43.5 | 09=55.4 | 20=02.5 | 10=03.7 | 13=49.6 | 22=03!7 | 09=24!6 | 15=09.1 | 11=39!4 |
| 27 out | 14 25 6.7 | 04=29.8 | 29=04.2 | 04=22.8 | 11=07.8 | 20=45.4 | 10=16.1 | 13=55.6 | 22=01!3 | 09=23!8 | 15=10.0 | 11=37!7 |
| 28 out | 14 29 3.3 | 05=29.7 | 11=06.4 | 06=01.6 | 12=20.2 | 21=28.4 | 10=28.4 | 14=01.6 | 21=58!9 | 09=23!0 | 15=10.9 | 11=33!6 |
| 29 out | 14 32 59.8 | 06=29.7 | 23=03.2 | 07=39.9 | 13=32.5 | 22=11.6 | 10=40.8 | 14=07.7 | 21=56!6 | 09=22!3 | 15=11.9 | 11=26!8 |
| 30 out | 14 36 56.4 | 07=29.7 | 04=56.5 | 09=17.7 | 14=44.8 | 22=54.8 | 10=53.0 | 14=13.8 | 21=54!2 | 09=21!6 | 15=12.9 | 11=17!7 |
| 31 out | 14 40 53.0 | 08=29.7 | 16=48.1 | 10=55.0 | 15=57.1 | 23=38.1 | 11=05.3 | 14=20.0 | 21=51!9 | 09=20!9 | 15=13.9 | 11=06!9 |

Declinação dos Astros

Tropical Ephemeris - s 8bado. 01 out 2016 at noon. Greenwich SVP = 05x01.64 True Ayanansa = 24d 05m 21s
 Julian Day = 2457663.0 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 36.3 | 03 s 27.8 | 03 s 04.1 | 04 n 51.3 | 14 s 55.0 | 25 s 48.2 | 00 s 52.8 | 20 s 45.2 | 08 n 22.4 | 08 s 40.7 | 21 s 24.6 | 06 n 49.0 |
| 02 out | 12 46 32.8 | 03 s 51.0 | 06 s 44.6 | 04 n 26.0 | 15 s 20.9 | 25 s 46.4 | 00 s 58.0 | 20 s 46.0 | 08 n 21.5 | 08 s 41.2 | 21 s 24.7 | 06 n 50.5 |
| 03 out | 12 50 29.4 | 04 s 14.2 | 10 s 07.2 | 03 n 57.7 | 15 s 46.4 | 25 s 44.5 | 01 s 03.1 | 20 s 46.7 | 08 n 20.6 | 08 s 41.7 | 21 s 24.8 | 06 n 52.3 |
| 04 out | 12 54 26.0 | 04 s 37.3 | 13 s 04.6 | 03 n 26.7 | 16 s 11.5 | 25 s 42.3 | 01 s 08.2 | 20 s 47.5 | 08 n 19.7 | 08 s 42.2 | 21 s 24.9 | 06 n 54.3 |
| 05 out | 12 58 22.5 | 05 s 00.4 | 15 s 29.7 | 02 n 53.1 | 16 s 36.2 | 25 s 39.9 | 01 s 13.3 | 20 s 48.3 | 08 n 18.9 | 08 s 42.7 | 21 s 25.0 | 06 n 56.3 |
| 06 out | 13 2 19.1 | 05 s 23.4 | 17 s 16.2 | 02 n 17.4 | 17 s 00.5 | 25 s 37.3 | 01 s 18.3 | 20 s 49.1 | 08 n 18.0 | 08 s 43.2 | 21 s 25.1 | 06 n 57.9 |
| 07 out | 13 6 15.6 | 05 s 46.3 | 18 s 18.2 | 01 n 39.9 | 17 s 24.5 | 25 s 34.4 | 01 s 23.4 | 20 s 49.9 | 08 n 17.1 | 08 s 43.7 | 21 s 25.2 | 06 n 59.1 |
| 08 out | 13 10 12.2 | 06 s 09.2 | 18 s 31.1 | 01 n 00.8 | 17 s 48.0 | 25 s 31.3 | 01 s 28.5 | 20 s 50.7 | 08 n 16.2 | 08 s 44.2 | 21 s 25.3 | 06 n 59.8 |
| 09 out | 13 14 8.7 | 06 s 32.0 | 17 s 51.4 | 00 n 20.4 | 18 s 11.0 | 25 s 28.0 | 01 s 33.5 | 20 s 51.5 | 08 n 15.3 | 08 s 44.6 | 21 s 25.4 | 06 n 59.9 |
| 10 out | 13 18 5.3 | 06 s 54.7 | 16 s 17.4 | 00 s 21.1 | 18 s 33.6 | 25 s 24.5 | 01 s 38.6 | 20 s 52.3 | 08 n 14.4 | 08 s 45.1 | 21 s 25.5 | 06 n 59.5 |
| 11 out | 13 22 1.8 | 07 s 17.3 | 13 s 50.0 | 01 s 03.5 | 18 s 55.8 | 25 s 20.8 | 01 s 43.6 | 20 s 53.1 | 08 n 13.5 | 08 s 45.5 | 21 s 25.6 | 06 n 58.9 |
| 12 out | 13 25 58.4 | 07 s 39.8 | 10 s 32.8 | 01 s 46.5 | 19 s 17.4 | 25 s 16.8 | 01 s 48.6 | 20 s 53.9 | 08 n 12.6 | 08 s 46.0 | 21 s 25.6 | 06 n 58.4 |
| 13 out | 13 29 55.0 | 08 s 02.2 | 06 s 33.5 | 02 s 30.0 | 19 s 38.6 | 25 s 12.6 | 01 s 53.7 | 20 s 54.8 | 08 n 11.7 | 08 s 46.4 | 21 s 25.7 | 06 n 58.2 |
| 14 out | 13 33 51.5 | 08 s 24.4 | 02 s 03.9 | 03 s 13.9 | 19 s 59.3 | 25 s 08.1 | 01 s 58.7 | 20 s 55.6 | 08 n 10.8 | 08 s 46.8 | 21 s 25.8 | 06 n 58.6 |
| 15 out | 13 37 48.1 | 08 s 46.6 | 02 n 40.1 | 03 s 58.0 | 20 n 19.4 | 25 s 03.5 | 02 s 03.6 | 20 s 56.4 | 08 n 09.9 | 08 s 47.2 | 21 s 25.9 | 06 n 59.7 |
| 16 out | 13 41 44.6 | 09 s 08.6 | 07 n 18.7 | 04 s 42.1 | 20 s 39.1 | 24 s 58.6 | 02 s 08.6 | 20 s 57.3 | 08 n 09.0 | 08 s 47.6 | 21 s 25.9 | 07 n 01.5 |
| 17 out | 13 45 41.2 | 09 s 30.5 | 11 n 30.5 | 05 s 26.2 | 20 s 58.2 | 24 s 53.4 | 02 s 13.6 | 20 s 58.1 | 08 n 08.1 | 08 s 48.0 | 21 s 26.0 | 07 n 03.8 |
| 18 out | 13 49 37.7 | 09 s 52.3 | 14 n 55.4 | 06 s 10.2 | 21 s 16.7 | 24 s 48.0 | 02 s 18.5 | 20 s 58.9 | 08 n 07.2 | 08 s 48.4 | 21 s 26.0 | 07 n 06.3 |
| 19 out | 13 53 34.3 | 10 s 13.9 | 17 n 17.6 | 06 s 53.9 | 21 s 34.7 | 24 s 42.4 | 02 s 23.5 | 20 s 59.8 | 08 n 06.3 | 08 s 48.7 | 21 s 26.1 | 07 n 08.7 |
| 20 out | 13 57 30.8 | 10 s 35.4 | 18 n 28.6 | 07 s 37.4 | 21 s 52.1 | 24 s 36.6 | 02 s 28.4 | 21 s 00.6 | 08 n 05.4 | 08 s 49.1 | 21 s 26.1 | 07 n 10.6 |
| 21 out | 14 1 27.4 | 10 s 56.7 | 18 n 27.8 | 08 s 20.5 | 22 s 09.0 | 24 s 30.5 | 02 s 33.3 | 21 s 01.4 | 08 n 04.5 | 08 s 49.4 | 21 s 26.2 | 07 n 11.8 |
| 22 out | 14 5 24.0 | 11 s 17.9 | 17 n 21.0 | 09 s 03.2 | 22 s 25.2 | 24 s 24.2 | 02 s 38.2 | 21 s 02.3 | 08 n 03.6 | 08 s 49.8 | 21 s 26.2 | 07 n 12.3 |
| 23 out | 14 9 20.5 | 11 s 38.9 | 15 n 18.6 | 09 s 45.4 | 22 s 40.8 | 24 s 17.7 | 02 s 43.0 | 21 s 03.1 | 08 n 02.7 | 08 s 50.1 | 21 s 26.3 | 07 n 12.2 |
| 24 out | 14 13 17.1 | 11 s 59.7 | 12 n 32.6 | 10 s 27.0 | 22 s 55.9 | 24 s 10.9 | 02 s 47.9 | 21 s 04.0 | 08 n 01.8 | 08 s 50.4 | 21 s 26.3 | 07 n 11.8 |
| 25 out | 14 17 13.6 | 12 s 20.3 | 09 n 14.8 | 11 s 08.2 | 23 s 10.3 | 24 s 04.0 | 02 s 52.7 | 21 s 04.8 | 08 n 01.0 | 08 s 50.7 | 21 s 26.3 | 07 n 11.4 |
| 26 out | 14 21 10.2 | 12 s 40.8 | 05 n 36.2 | 11 s 48.7 | 23 s 24.0 | 23 s 56.7 | 02 s 57.5 | 21 s 05.7 | 08 n 00.1 | 08 s 51.0 | 21 s 26.4 | 07 n 11.4 |
| 27 out | 14 25 6.7 | 13 s 01.0 | 01 n 46.8 | 12 s 28.5 | 23 s 37.2 | 23 s 49.3 | 03 s 02.3 | 21 s 06.5 | 07 n 59.2 | 08 s 51.3 | 21 s 26.4 | 07 n 11.2 |
| 28 out | 14 29 3.3 | 13 s 21.1 | 02 s 04.4 | 13 s 07.7 | 23 s 49.7 | 23 s 41.6 | 03 s 07.1 | 21 s 07.4 | 07 n 58.3 | 08 s 51.6 | 21 s 26.4 | 07 n 13.6 |
| 29 out | 14 32 59.8 | 13 s 40.9 | 05 s 48.9 | 13 s 46.2 | 24 s 01.5 | 23 s 33.7 | 03 s 11.8 | 21 s 08.2 | 07 n 57.5 | 08 s 51.8 | 21 s 26.4 | 07 n 16.2 |
| 30 out | 14 36 56.4 | 14 s 00.5 | 09 s 18.5 | 14 s 24.0 | 24 s 12.6 | 23 s 25.5 | 03 s 16.5 | 21 s 09.0 | 07 n 56.6 | 08 s 52.1 | 21 s 26.5 | 07 n 19.6 |
| 31 out | 14 40 53.0 | 14 s 19.9 | 12 s 25.3 | 15 s 01.0 | 24 s 23.1 | 23 s 17.1 | 03 s 21.2 | 21 s 09.9 | 07 n 55.8 | 08 s 52.3 | 21 s 26.5 | 07 n 23.8 |

NOVEMBRO DE 2016

Longitude dos Astros

Tropical Ephemeris - terΨa-feira, 01 nov 2016 at noon, Greenwich SVP = 05x01.56 True Ayanansa = 24d 05m 25s
 Julian Day = 2457694.0 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 49.5 | 09n29.7 | 28n39.4 | 12n31.8 | 17z09.4 | 24v21.4 | 11=17.5 | 14z26.2 | 21r49!6 | 09x20!3 | 15v15.0 | 10n55!0 |
| 02 nov | 14 48 46.1 | 10n29.8 | 10z31.9 | 14n08.2 | 18z21.6 | 25v04.9 | 11=29.6 | 14z32.4 | 21r47!3 | 09x19!7 | 15v16.0 | 10n43!3 |
| 03 nov | 14 52 42.6 | 11n29.9 | 22z27.6 | 15n44.1 | 19z33.7 | 25v48.5 | 11=41.7 | 14z38.7 | 21r45!1 | 09x19!1 | 15v17.1 | 10n32!8 |
| 04 nov | 14 56 39.2 | 12n30.1 | 04v28.7 | 17n19.6 | 20z45.9 | 26v32.1 | 11=53.8 | 14z45.1 | 21r42!8 | 09x18!6 | 15v18.3 | 10n24!2 |
| 05 nov | 15 0 35.7 | 13n30.2 | 16v38.3 | 18n54.6 | 21z58.0 | 27v15.8 | 12=05.8 | 14z51.4 | 21r40!6 | 09x18!1 | 15v19.4 | 10n18!1 |
| 06 nov | 15 4 32.3 | 14n30.4 | 29v00.0 | 20n29.3 | 23z10.0 | 27v59.5 | 12=17.7 | 14z57.9 | 21r38!4 | 09x17!6 | 15v20.6 | 10n14!6 |
| 07 nov | 15 8 28.8 | 15n30.6 | 11z38.1 | 22n03.6 | 24z22.0 | 28v43.4 | 12=29.6 | 15z04.3 | 21r36!2 | 09x17!2 | 15v21.8 | 10n13!3 |
| 08 nov | 15 12 25.4 | 16n30.9 | 24z36.7 | 23n37.5 | 25z33.9 | 29v27.3 | 12=41.4 | 15z10.8 | 21r34!0 | 09x16!8 | 15v23.0 | 10n13.5 |
| 09 nov | 15 16 22.0 | 17n31.1 | 08x00.1 | 25n11.1 | 26z45.8 | 00z11.3 | 12=53.2 | 15z17.3 | 21r31!9 | 09x16!4 | 15v24.3 | 10n13.9 |
| 10 nov | 15 20 18.5 | 18n31.4 | 21x51.1 | 26n44.3 | 27z57.7 | 00z55.3 | 13=04.9 | 15z23.9 | 21r29!8 | 09x16!1 | 15v25.6 | 10n13!4 |
| 11 nov | 15 24 15.1 | 19n31.7 | 06r10.9 | 28n17.2 | 29z09.5 | 01z39.4 | 13=16.5 | 15z30.5 | 21r27!7 | 09x15!7 | 15v26.9 | 10n11!0 |
| 12 nov | 15 28 11.6 | 20n32.1 | 20r57.5 | 29n49.8 | 00v21.2 | 02z23.5 | 13=28.1 | 15z37.1 | 21r25!7 | 09x15!5 | 15v28.2 | 10n05!9 |
| 13 nov | 15 32 8.2 | 21n32.4 | 06r05.5 | 01z22.0 | 01v32.9 | 03z07.7 | 13=39.6 | 15z43.8 | 21r23!7 | 09x15!2 | 15v29.6 | 09n58!2 |
| 14 nov | 15 36 4.7 | 22n32.8 | 21r25.7 | 02z54.0 | 02v44.5 | 03z52.0 | 13=51.1 | 15z50.5 | 21r21!7 | 09x15!0 | 15v30.9 | 09n48!3 |
| 15 nov | 15 40 1.3 | 23n33.2 | 06x46.8 | 04z25.7 | 03v56.0 | 04z36.3 | 14=02.5 | 15z57.2 | 21r19!7 | 09x14!8 | 15v32.3 | 09n37!4 |
| 16 nov | 15 43 57.8 | 24n33.7 | 21x57.0 | 05z57.1 | 05v07.5 | 05z20.7 | 14=13.8 | 16z03.9 | 21r17!8 | 09x14!7 | 15v33.8 | 09n26!8 |
| 17 nov | 15 47 54.4 | 25n34.1 | 06r46.4 | 07z28.3 | 06v19.0 | 06z05.1 | 14=25.1 | 16z10.7 | 21r15!9 | 09x14!6 | 15v35.2 | 09n17!7 |
| 18 nov | 15 51 50.9 | 26n34.6 | 21r08.3 | 08z59.1 | 07v30.3 | 06z49.5 | 14=36.3 | 16z17.5 | 21r14!0 | 09x14!5 | 15v36.7 | 09n11!0 |
| 19 nov | 15 55 47.5 | 27n35.2 | 05r00.0 | 10z29.7 | 08v41.6 | 07z34.0 | 14=47.4 | 16z24.3 | 21r12!2 | 09x14!5 | 15v38.2 | 09n06!9 |
| 20 nov | 15 59 44.1 | 28n35.7 | 18r22.1 | 11z60.0 | 09v52.9 | 08z18.6 | 14=58.4 | 16z31.2 | 21r10!4 | 09x14.5 | 15v39.7 | 09n05!2 |
| 21 nov | 16 3 40.6 | 29n36.3 | 01n17.5 | 13z29.9 | 11v04.1 | 09z03.2 | 15=09.4 | 16z38.1 | 21r08!6 | 09x14.5 | 15v41.2 | 09n04.9 |
| 22 nov | 16 7 37.2 | 00z36.9 | 13n50.7 | 14z59.6 | 12v15.2 | 09z47.8 | 15=20.3 | 16z45.0 | 21r06!9 | 09x14.6 | 15v42.8 | 09n04!9 |
| 23 nov | 16 11 33.7 | 01z37.6 | 26n06.7 | 16z28.9 | 13v26.2 | 10z32.5 | 15=31.1 | 16z51.9 | 21r05!2 | 09x14.7 | 15v44.3 | 09n03!9 |
| 24 nov | 16 15 30.3 | 02z38.3 | 08=10.4 | 17z57.8 | 14v37.2 | 11z17.2 | 15=41.8 | 16z58.8 | 21r03!5 | 09x14.8 | 15v45.9 | 09n00!9 |
| 25 nov | 16 19 26.8 | 03z39.0 | 20=06.1 | 19z26.2 | 15v48.0 | 12z02.0 | 15=52.4 | 17z05.8 | 21r01!9 | 09x14.9 | 15v47.6 | 08n55!2 |
| 26 nov | 16 23 23.4 | 04z39.7 | 01n57.7 | 20z54.2 | 16v58.9 | 12z46.8 | 16=03.0 | 17z12.7 | 21r00!3 | 09x15.1 | 15v49.2 | 08n46!3 |
| 27 nov | 16 27 19.9 | 05z40.4 | 13n48.2 | 22z21.7 | 18v09.6 | 13z31.7 | 16=13.5 | 17z19.7 | 20r58!7 | 09x15.4 | 15v50.8 | 08n34!6 |
| 28 nov | 16 31 16.5 | 06z41.2 | 25n39.6 | 23z48.5 | 19v20.2 | 14z16.6 | 16=23.8 | 17z26.7 | 20r57!2 | 09x15.6 | 15v52.5 | 08n20!7 |
| 29 nov | 16 35 13.1 | 07z42.0 | 07z33.7 | 25z14.7 | 20v30.8 | 15z01.5 | 16=34.1 | 17z33.7 | 20r55!8 | 09x16.0 | 15v54.2 | 08n05!5 |
| 30 nov | 16 39 9.6 | 08z42.8 | 19z31.7 | 26z40.1 | 21v41.3 | 15z46.5 | 16=44.3 | 17z40.8 | 20r54!4 | 09x16.3 | 15v55.9 | 07n50!4 |

Declinação dos Astros

Tropical Ephemeris - terΨa-feira, 01 nov 2016 at noon, Greenwich SVP = 05x01.56 True Ayanansa = 24d 05m 25s
 Julian Day = 2457694.0 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 49.5 | 14s39.1 | 15s01.7 | 15s37.2 | 24s32.9 | 23s08.5 | 03s25.9 | 21s10.7 | 07n54.9 | 08s52.5 | 21s26.5 | 07n28.3 |
| 02 nov | 14 48 46.1 | 14s58.0 | 17s00.8 | 16s12.6 | 24s42.0 | 22s59.7 | 03s30.6 | 21s11.6 | 07n54.1 | 08s52.7 | 21s26.5 | 07n32.7 |
| 03 nov | 14 52 42.6 | 15s16.7 | 18s16.6 | 16s47.2 | 24s50.4 | 22s50.6 | 03s35.2 | 21s12.4 | 07n53.3 | 08s52.9 | 21s26.5 | 07n36.7 |
| 04 nov | 14 56 39.2 | 15s35.2 | 18s44.1 | 17s20.9 | 24s58.1 | 22s41.4 | 03s39.8 | 21s13.2 | 07n52.5 | 08s53.1 | 21s26.5 | 07n39.9 |
| 05 nov | 15 0 35.7 | 15s53.3 | 18s20.5 | 17s53.8 | 25s05.1 | 22s31.9 | 03s44.4 | 21s14.1 | 07n51.6 | 08s53.3 | 21s26.5 | 07n42.2 |
| 06 nov | 15 4 32.3 | 16s11.3 | 17s04.5 | 18s25.7 | 25s11.4 | 22s22.2 | 03s49.0 | 21s14.9 | 07n50.8 | 08s53.5 | 21s26.5 | 07n43.6 |
| 07 nov | 15 8 28.8 | 16s28.9 | 14s57.1 | 18s56.7 | 25s16.9 | 22s12.2 | 03s53.5 | 21s15.7 | 07n50.0 | 08s53.6 | 21s26.5 | 07n44.0 |
| 08 nov | 15 12 25.4 | 16s46.3 | 12s01.4 | 19s26.8 | 25s21.8 | 22s02.1 | 03s58.0 | 21s16.6 | 07n49.3 | 08s53.8 | 21s26.4 | 07n44.0 |
| 09 nov | 15 16 22.0 | 17s03.4 | 08s23.0 | 19s56.0 | 25s25.9 | 21s51.7 | 04s02.5 | 21s17.4 | 07n48.5 | 08s53.9 | 21s26.4 | 07n43.8 |
| 10 nov | 15 20 18.5 | 17s20.1 | 04s10.3 | 20s24.1 | 25s29.2 | 21s41.1 | 04s06.9 | 21s18.2 | 07n47.7 | 08s54.0 | 21s26.4 | 07n44.0 |
| 11 nov | 15 24 15.1 | 17s36.6 | 00n25.0 | 20s51.3 | 25s31.9 | 21s30.3 | 04s11.3 | 21s19.0 | 07n47.0 | 08s54.1 | 21s26.4 | 07n44.9 |
| 12 nov | 15 28 11.6 | 17s52.8 | 05n06.9 | 21s17.4 | 25s33.8 | 21s19.3 | 04s15.7 | 21s19.9 | 07n46.2 | 08s54.2 | 21s26.3 | 07n46.8 |
| 13 nov | 15 32 8.2 | 18s08.7 | 09n36.0 | 21s42.4 | 25s35.0 | 21s08.1 | 04s20.1 | 21s20.7 | 07n45.5 | 08s54.3 | 21s26.3 | 07n49.7 |
| 14 nov | 15 36 4.7 | 18s24.3 | 13n30.4 | 22s06.4 | 25s35.4 | 20s56.7 | 04s24.4 | 21s21.5 | 07n44.7 | 08s54.3 | 21s26.3 | 07n53.5 |
| 15 nov | 15 40 1.3 | 18s39.5 | 16n29.5 | 22s29.4 | 25s35.1 | 20s45.1 | 04s28.7 | 21s22.3 | 07n44.0 | 08s54.4 | 21s26.2 | 07n57.6 |
| 16 nov | 15 43 57.8 | 18s54.4 | 18n17.6 | 22s51.1 | 25s34.1 | 20s33.3 | 04s33.0 | 21s23.1 | 07n43.3 | 08s54.4 | 21s26.2 | 08n01.6 |
| 17 nov | 15 47 54.4 | 19s09.0 | 18n48.2 | 23s11.8 | 25s32.4 | 20s21.3 | 04s37.2 | 21s23.9 | 07n42.6 | 08s54.4 | 21s26.1 | 08n05.0 |
| 18 nov | 15 51 50.9 | 19s23.2 | 18n04.1 | 23s31.3 | 25s29.9 | 20s09.1 | 04s41.4 | 21s24.7 | 07n42.0 | 08s54.4 | 21s26.1 | 08n07.5 |
| 19 nov | 15 55 47.5 | 19s37.1 | 16n15.7 | 23s49.6 | 25s26.7 | 19s56.7 | 04s45.6 | 21s25.4 | 07n41.3 | 08s54.4 | 21s26.0 | 08n09.0 |
| 20 nov | 15 59 44.1 | 19s50.6 | 13n37.0 | 24s06.7 | 25s22.7 | 19s44.1 | 04s49.7 | 21s26.2 | 07n40.7 | 08s54.4 | 21s26.0 | 08n09.7 |
| 21 nov | 16 3 40.6 | 20s03.7 | 10n22.3 | 24s22.6 | 25s18.1 | 19s31.3 | 04s53.8 | 21s27.0 | 07n40.0 | 08s54.4 | 21s25.9 | 08n09.8 |
| 22 nov | 16 7 37.2 | 20s16.5 | 06n44.4 | 24s37.2 | 25s12.7 | 19s18.4 | 04s57.9 | 21s27.8 | 07n39.4 | 08s54.3 | 21s25.9 | 08n09.8 |
| 23 nov | 16 11 33.7 | 20s29.0 | 02n54.2 | 24s50.6 | 25s06.6 | 19s05.2 | 05s01.9 | 21s28.5 | 07n38.8 | 08s54.3 | 21s25.8 | 08n10.2 |
| 24 nov | 16 15 30.3 | 20s41.0 | 00s59.1 | 25s02.6 | 24s59.8 | 18s51.9 | 05s05.9 | 21s29.3 | 07n38.2 | 08s54.2 | 21s25.7 | 08n11.3 |
| 25 nov | 16 19 26.8 | 20s52.7 | 04s47.4 | 25s13.4 | 24s52.3 | 18s38.4 | 05s09.9 | 21s30.0 | 07n37.6 | 08s54.1 | 21s25.6 | 08n13.4 |
| 26 nov | 16 23 23.4 | 21s03.9 | 08s23.2 | 25s22.8 | 24s44.1 | 18s24.7 | 05s13.8 | 21s30.8 | 07n37.0 | 08s54.0 | 21s25.6 | 08n16.8 |
| 27 nov | 16 27 19.9 | 21s14.8 | 11s38.7 | 25s30.8 | 24s35.2 | 18s10.8 | 05s17.7 | 21s31.5 | 07n36.5 | 08s53.9 | 21s25.5 | 08n21.1 |
| 28 nov | 16 31 16.5 | 21s25.3 | 14s26.4 | 25s37.5 | 24s25.6 | 17s56.8 | 05s21.5 | 21s32.3 | 07n36.0 | 08s53.8 | 21s25.4 | 08n26.4 |
| 29 nov | 16 35 13.1 | 21s35.4 | 16s38.8 | 25s42.8 | 24s15.3 | 17s42.6 | 05s25.3 | 21s33.0 | 07n35.4 | 08s53.7 | 21s25.3 | 08n32.0 |
| 30 nov | 16 39 9.6 | 21s45.0 | 18s09.1 | 25s46.7 | 24s04.4 | 17s28.2 | 05s29.1 | 21s33.7 | 07n34.9 | 08s53.5 | 21s25.2 | 08n37.7 |

DEZEMBRO DE 2016

Longitude dos Astros

Tropical Ephemeris - quinta-feira, 01 dez 2016 at noon, Greenwich SVP = 05x01.50 True Ayanansa = 24d 05m 29s
 Julian Day = 2457724.0 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 43 6.2 | 09 43.7 | 01 34.6 | 28 04.6 | 22 51.6 | 16 31.5 | 16 54.5 | 17 47.8 | 20 53.0 | 09 16.7 | 15 57.7 | 07 36.15 |
| 02 dez | 16 47 2.7 | 10 44.5 | 13 43.6 | 29 28.0 | 24 01.9 | 17 16.5 | 17 04.5 | 17 54.9 | 20 51.6 | 09 17.1 | 15 59.4 | 07 25.10 |
| 03 dez | 16 50 59.3 | 11 45.4 | 26 00.5 | 00 50.2 | 25 12.1 | 18 01.5 | 17 14.4 | 18 01.9 | 20 50.4 | 09 17.5 | 16 01.2 | 07 16.14 |
| 04 dez | 16 54 55.8 | 12 46.3 | 08 27.6 | 02 11.0 | 26 22.2 | 18 46.6 | 17 24.2 | 18 09.0 | 20 49.1 | 09 18.0 | 16 02.9 | 07 11.10 |
| 05 dez | 16 58 52.4 | 13 47.2 | 21 07.7 | 03 30.2 | 27 32.1 | 19 31.7 | 17 33.9 | 18 16.1 | 20 47.9 | 09 18.5 | 16 04.7 | 07 08.14 |
| 06 dez | 17 2 48.9 | 14 48.1 | 04 04.1 | 04 47.5 | 28 42.0 | 20 16.9 | 17 43.5 | 18 23.2 | 20 46.7 | 09 19.1 | 16 06.6 | 07 07.16 |
| 07 dez | 17 6 45.5 | 15 49.0 | 17 20.6 | 06 02.6 | 29 51.7 | 21 02.0 | 17 53.0 | 18 30.3 | 20 45.6 | 09 19.6 | 16 08.4 | 07 07.17 |
| 08 dez | 17 10 42.1 | 16 50.0 | 01 00.3 | 07 15.2 | 01 01.3 | 21 47.2 | 18 02.4 | 18 37.4 | 20 44.6 | 09 20.3 | 16 10.2 | 07 07.11 |
| 09 dez | 17 14 38.6 | 17 50.9 | 15 05.2 | 08 24.9 | 02 10.8 | 22 32.4 | 18 11.7 | 18 44.5 | 20 43.5 | 09 20.9 | 16 12.1 | 07 04.17 |
| 10 dez | 17 18 35.2 | 18 51.9 | 29 35.0 | 09 31.1 | 03 20.1 | 23 17.6 | 18 20.9 | 18 51.5 | 20 42.6 | 09 21.6 | 16 13.9 | 06 59.18 |
| 11 dez | 17 22 31.7 | 19 52.8 | 14 26.8 | 10 33.5 | 04 29.3 | 24 02.8 | 18 30.0 | 18 58.6 | 20 41.6 | 09 22.3 | 16 15.8 | 06 52.12 |
| 12 dez | 17 26 28.3 | 20 53.8 | 29 33.8 | 11 31.4 | 05 38.4 | 24 48.0 | 18 38.9 | 19 05.7 | 20 40.8 | 09 23.1 | 16 17.7 | 06 42.13 |
| 13 dez | 17 30 24.8 | 21 54.8 | 14 46.8 | 12 24.1 | 06 47.3 | 25 33.3 | 18 47.8 | 19 12.8 | 20 39.9 | 09 23.8 | 16 19.6 | 06 31.11 |
| 14 dez | 17 34 21.4 | 22 55.8 | 29 54.7 | 13 10.9 | 07 56.1 | 26 18.5 | 18 56.5 | 19 19.9 | 20 39.2 | 09 24.7 | 16 21.5 | 06 20.10 |
| 15 dez | 17 38 17.9 | 23 56.8 | 14 47.0 | 13 51.1 | 09 04.7 | 27 03.8 | 19 05.1 | 19 27.0 | 20 38.4 | 09 25.5 | 16 23.5 | 06 10.13 |
| 16 dez | 17 42 14.5 | 24 57.9 | 29 15.6 | 14 23.8 | 10 13.1 | 27 49.1 | 19 13.6 | 19 34.1 | 20 37.7 | 09 26.4 | 16 25.4 | 06 03.10 |
| 17 dez | 17 46 11.1 | 25 58.9 | 13 15.8 | 14 48.0 | 11 21.4 | 28 34.4 | 19 22.0 | 19 41.1 | 20 37.1 | 09 27.3 | 16 27.4 | 05 58.13 |
| 18 dez | 17 50 7.6 | 26 59.0 | 26 46.4 | 15 03.0 | 12 29.5 | 29 19.6 | 19 30.3 | 19 48.2 | 20 36.5 | 09 28.2 | 16 29.3 | 05 56.13 |
| 19 dez | 17 54 4.2 | 28 01.0 | 09 48.8 | 15 07.8 | 13 37.4 | 00 04.9 | 19 38.4 | 19 55.3 | 20 36.0 | 09 29.2 | 16 31.3 | 05 56.0 |
| 20 dez | 17 58 0.7 | 29 02.1 | 22 26.9 | 15 01.8 | 14 45.2 | 00 50.2 | 19 46.4 | 20 02.3 | 20 35.5 | 09 30.2 | 16 33.3 | 05 56.4 |
| 21 dez | 18 1 57.3 | 00 03.2 | 04 45.4 | 14 44.3 | 15 52.7 | 01 35.5 | 19 54.3 | 20 09.3 | 20 35.1 | 09 31.3 | 16 35.3 | 05 56.15 |
| 22 dez | 18 5 53.8 | 01 04.3 | 16 49.6 | 14 15.1 | 17 00.1 | 02 20.9 | 20 02.0 | 20 16.4 | 20 34.7 | 09 32.3 | 16 37.2 | 05 55.11 |
| 23 dez | 18 9 50.4 | 02 05.5 | 28 44.7 | 13 34.2 | 18 07.3 | 03 06.2 | 20 09.6 | 20 23.4 | 20 34.3 | 09 33.4 | 16 39.3 | 05 51.14 |
| 24 dez | 18 13 46.9 | 03 06.6 | 10 35.3 | 12 42.2 | 19 14.3 | 03 51.5 | 20 17.1 | 20 30.3 | 20 34.1 | 09 34.6 | 16 41.3 | 05 45.11 |
| 25 dez | 18 17 43.5 | 04 07.7 | 22 25.5 | 11 40.1 | 20 21.1 | 04 36.8 | 20 24.5 | 20 37.3 | 20 33.8 | 09 35.7 | 16 43.3 | 05 36.13 |
| 26 dez | 18 21 40.1 | 05 08.9 | 04 18.7 | 10 29.5 | 21 27.6 | 05 22.2 | 20 31.7 | 20 44.3 | 20 33.7 | 09 36.9 | 16 45.3 | 05 25.15 |
| 27 dez | 18 25 36.6 | 06 10.0 | 16 17.2 | 09 12.6 | 22 33.9 | 06 07.5 | 20 38.7 | 20 51.2 | 20 33.5 | 09 38.2 | 16 47.3 | 05 13.15 |
| 28 dez | 18 29 33.2 | 07 11.2 | 28 22.7 | 07 51.7 | 23 40.1 | 06 52.8 | 20 45.7 | 20 58.2 | 20 33.5 | 09 39.4 | 16 49.4 | 05 01.15 |
| 29 dez | 18 33 29.7 | 08 12.4 | 10 36.4 | 06 29.7 | 24 45.9 | 07 38.1 | 20 52.4 | 21 05.1 | 20 33.4 | 09 40.7 | 16 51.4 | 04 50.15 |
| 30 dez | 18 37 26.3 | 09 13.6 | 22 58.9 | 05 09.1 | 25 51.5 | 08 23.5 | 20 59.1 | 21 11.9 | 20 33.5 | 09 42.0 | 16 53.5 | 04 41.14 |
| 31 dez | 18 41 22.8 | 10 14.7 | 05 30.9 | 03 52.6 | 26 56.9 | 09 08.8 | 21 05.6 | 21 18.8 | 20 33.6 | 09 43.4 | 16 55.5 | 04 34.19 |

Declinação dos Astros

Tropical Ephemeris - quinta-feira, 01 dez 2016 at noon, Greenwich SVP = 05x01.50 True Ayanansa = 24d 05m 29s
 Julian Day = 2457724.0 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 43 6.2 | 21 54.3 | 18 51.6 | 25 49.1 | 23 52.8 | 17 13.7 | 05 32.8 | 21 34.4 | 07 34.4 | 08 53.4 | 21 25.1 | 08 42.8 |
| 02 dez | 16 47 2.7 | 22 03.1 | 18 42.7 | 25 50.2 | 23 40.6 | 16 59.0 | 05 36.5 | 21 35.1 | 07 34.0 | 08 53.2 | 21 25.1 | 08 47.1 |
| 03 dez | 16 50 59.3 | 22 11.5 | 17 34.2 | 25 49.8 | 23 27.8 | 16 44.2 | 05 40.1 | 21 35.8 | 07 33.5 | 08 53.0 | 21 25.0 | 08 50.3 |
| 04 dez | 16 54 55.8 | 22 19.5 | 15 48.4 | 25 48.0 | 23 14.3 | 16 29.2 | 05 43.7 | 21 36.5 | 07 33.1 | 08 52.8 | 21 24.9 | 08 52.3 |
| 05 dez | 16 58 52.4 | 22 27.0 | 13 08.0 | 25 44.8 | 23 00.1 | 16 14.0 | 05 47.3 | 21 37.2 | 07 32.7 | 08 52.6 | 21 24.8 | 08 53.3 |
| 06 dez | 17 2 48.9 | 22 34.1 | 09 45.8 | 25 40.1 | 22 45.4 | 15 58.7 | 05 50.8 | 21 37.9 | 07 32.3 | 08 52.4 | 21 24.7 | 08 53.5 |
| 07 dez | 17 6 45.5 | 22 40.8 | 05 49.5 | 25 34.1 | 22 30.1 | 15 43.3 | 05 54.2 | 21 38.6 | 07 31.9 | 08 52.1 | 21 24.5 | 08 53.5 |
| 08 dez | 17 10 42.1 | 22 47.0 | 01 28.6 | 25 26.8 | 22 14.2 | 15 27.7 | 05 57.7 | 21 39.2 | 07 31.5 | 08 51.9 | 21 24.4 | 08 53.8 |
| 09 dez | 17 14 38.6 | 22 52.8 | 03 04.6 | 25 18.2 | 21 57.7 | 15 12.0 | 06 01.0 | 21 39.9 | 07 31.1 | 08 51.6 | 21 24.3 | 08 54.6 |
| 10 dez | 17 18 35.2 | 22 58.1 | 07 34.8 | 25 08.3 | 21 40.7 | 14 56.1 | 06 04.4 | 21 40.5 | 07 30.8 | 08 51.4 | 21 24.2 | 08 56.4 |
| 11 dez | 17 22 31.7 | 23 02.9 | 11 43.8 | 24 57.2 | 21 23.1 | 14 40.2 | 06 07.6 | 21 41.2 | 07 30.5 | 08 51.1 | 21 24.1 | 08 59.3 |
| 12 dez | 17 26 28.3 | 23 07.3 | 15 11.2 | 24 45.1 | 21 04.9 | 14 24.0 | 06 10.9 | 21 41.8 | 07 30.2 | 08 50.8 | 21 24.0 | 09 03.0 |
| 13 dez | 17 30 24.8 | 23 11.3 | 17 37.9 | 24 31.9 | 20 46.3 | 14 07.8 | 06 14.0 | 21 42.4 | 07 29.9 | 08 50.5 | 21 23.8 | 09 07.1 |
| 14 dez | 17 34 21.4 | 23 14.8 | 18 49.8 | 24 17.9 | 20 27.1 | 13 51.4 | 06 17.2 | 21 43.0 | 07 29.7 | 08 50.1 | 21 23.7 | 09 11.2 |
| 15 dez | 17 38 17.9 | 23 17.8 | 18 42.2 | 24 03.1 | 20 07.4 | 13 35.0 | 06 20.3 | 21 43.6 | 07 29.4 | 08 49.8 | 21 23.6 | 09 14.7 |
| 16 dez | 17 42 14.5 | 23 20.3 | 17 20.5 | 23 47.7 | 19 47.2 | 13 18.4 | 06 23.3 | 21 44.2 | 07 29.2 | 08 49.4 | 21 23.5 | 09 17.5 |
| 17 dez | 17 46 11.1 | 23 22.4 | 14 57.6 | 23 31.8 | 19 26.6 | 13 01.7 | 06 26.3 | 21 44.8 | 07 29.0 | 08 49.1 | 21 23.3 | 09 19.2 |
| 18 dez | 17 50 7.6 | 23 24.0 | 11 49.6 | 23 15.7 | 19 05.5 | 12 44.9 | 06 29.2 | 21 45.4 | 07 28.8 | 08 48.7 | 21 23.2 | 09 19.9 |
| 19 dez | 17 54 4.2 | 23 25.2 | 08 12.4 | 22 59.4 | 18 43.9 | 12 27.9 | 06 32.1 | 21 46.0 | 07 28.6 | 08 48.3 | 21 23.1 | 09 20.0 |
| 20 dez | 17 58 0.7 | 23 25.9 | 04 19.4 | 22 43.2 | 18 21.9 | 12 10.9 | 06 34.9 | 21 46.6 | 07 28.5 | 08 47.9 | 21 22.9 | 09 19.9 |
| 21 dez | 18 1 57.3 | 23 26.1 | 00 21.6 | 22 27.1 | 17 59.5 | 11 53.8 | 06 37.7 | 21 47.1 | 07 28.4 | 08 47.5 | 21 22.8 | 09 19.8 |
| 22 dez | 18 5 53.8 | 23 25.8 | 03 32.2 | 22 11.4 | 17 36.6 | 11 36.5 | 06 40.5 | 21 47.7 | 07 28.2 | 08 47.1 | 21 22.6 | 09 20.4 |
| 23 dez | 18 9 50.4 | 23 25.1 | 07 14.5 | 21 56.2 | 17 13.4 | 11 19.2 | 06 43.1 | 21 48.2 | 07 28.1 | 08 46.7 | 21 22.5 | 09 21.7 |
| 24 dez | 18 13 46.9 | 23 23.9 | 10 38.2 | 21 41.5 | 16 49.8 | 11 01.8 | 06 45.7 | 21 48.7 | 07 28.1 | 08 46.2 | 21 22.4 | 09 24.0 |
| 25 dez | 18 17 43.5 | 23 22.2 | 13 36.4 | 21 27.4 | 16 25.8 | 10 44.3 | 06 48.3 | 21 49.3 | 07 28.0 | 08 45.8 | 21 22.2 | 09 27.3 |
| 26 dez | 18 21 40.1 | 23 20.1 | 16 01.8 | 21 14.2 | 16 01.5 | 10 26.7 | 06 50.8 | 21 49.8 | 07 28.0 | 08 45.3 | 21 22.1 | 09 31.2 |
| 27 dez | 18 25 36.6 | 23 17.4 | 17 47.3 | 21 01.8 | 15 36.8 | 10 09.1 | 06 53.3 | 21 50.3 | 07 28.0 | 08 44.8 | 21 21.9 | 09 35.6 |
| 28 dez | 18 29 33.2 | 23 14.4 | 18 46.5 | 20 50.5 | 15 11.8 | 09 51.3 | 06 55.7 | 21 50.8 | 07 28.0 | 08 44.3 | 21 21.7 | 09 40.0 |
| 29 dez | 18 33 29.7 | 23 10.8 | 18 54.2 | 20 40.4 | 14 46.4 | 09 33.5 | 06 58.0 | 21 51.3 | 07 28.0 | 08 43.8 | 21 21.6 | 09 44.0 |
| 30 dez | 18 37 26.3 | 23 06.8 | 18 08.2 | 20 31.5 | 14 20.8 | 09 15.6 | 07 00.3 | 21 51.7 | 07 28.1 | 08 43.3 | 21 21.4 | 09 47.3 |
| 31 dez | 18 41 22.8 | 23 02.3 | 16 28.8 | 20 24.3 | 13 54.9 | 08 57.6 | 07 02.5 | 21 52.2 | 07 28.1 | 08 42.8 | 21 21.3 | 09 49.7 |