

EFEMÉRIDES CIENTÍFICA E SIMPLIFICADA – ROSACRUZ

CALCULADA PARA O MEIO-DIA DE GREENWICH

JANEIRO DE 2019

Longitude dos Astros

Tropical Ephemeris - terΨa-feira, 01 jan 2019 at noon, Greenwich SVP = 04x59.90 True Ayanansa = 24d 07n 05s
 Julian Day = 2458485.0 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	h m s	h m s	h m s	h m s	h m s	h m s	h m s	h m s	h m s	h m s	h m s	h m s
01 jan	18 43 24.8	10 v46.0	18 v50.4	24 v35.2	23 v59.2	00 v16.2	11 v52.5	11 v26.2	28 v36!8	14 x05.5	20 v36.6	26 v51!4
02 jan	18 47 21.4	11 v47.2	01 v35.8	26 v03.4	24 v58.5	00 v56.6	12 v05.0	11 v33.2	28 v36!5	14 x06.7	20 v38.6	26 v49!0
03 jan	18 51 17.9	12 v48.3	14 v08.1	27 v32.2	25 v58.3	01 v37.0	12 v17.5	11 v40.3	28 v36!3	14 x08.0	20 v40.6	26 v46!8
04 jan	18 55 14.5	13 v49.5	26 v28.7	29 v01.5	26 v58.6	02 v17.3	12 v30.0	11 v47.4	28 v36!1	14 x09.3	20 v42.6	26 v44!9
05 jan	18 59 11.0	14 v50.7	08 v39.0	00 v31.2	27 v59.3	02 v57.8	12 v42.4	11 v54.5	28 v36!0	14 x10.7	20 v44.7	26 v43!6
06 jan	19 3 7.6	15 v51.9	20 v40.7	02 v01.5	29 v00.3	03 v38.2	12 v54.7	12 v01.6	28 v36!0	14 x12.1	20 v46.7	26 v42!9
07 jan	19 7 4.1	16 v53.1	02 v35.4	03 v32.1	00 v01.8	04 v18.7	13 v07.0	12 v08.7	28 v36.0	14 x13.5	20 v48.7	26 v42.9
08 jan	19 11 0.7	17 v54.2	14 v25.1	05 v03.3	01 v03.6	04 v59.2	13 v19.2	12 v15.8	28 v36.1	14 x14.9	20 v50.7	26 v43.4
09 jan	19 14 57.2	18 v55.4	26 v12.3	06 v34.8	02 v05.8	05 v39.7	13 v31.4	12 v22.8	28 v36.2	14 x16.4	20 v52.8	26 v44.2
10 jan	19 18 53.8	19 v56.6	08 v00.1	08 v06.8	03 v08.4	06 v20.3	13 v43.5	12 v29.9	28 v36.3	14 x17.8	20 v54.8	26 v45.0
11 jan	19 22 50.4	20 v57.7	19 v51.9	09 v39.3	04 v11.3	07 v00.8	13 v55.6	12 v36.9	28 v36.6	14 x19.4	20 v56.8	26 v45.7
12 jan	19 26 46.9	21 v58.9	01 v51.8	11 v12.2	05 v14.5	07 v41.4	14 v07.6	12 v44.0	28 v36.8	14 x20.9	20 v58.8	26 v46.3
13 jan	19 30 43.5	23 v00.0	14 v04.0	12 v45.5	06 v18.1	08 v22.0	14 v19.5	12 v51.0	28 v37.2	14 x22.5	21 v00.9	26 v46.5
14 jan	19 34 40.0	24 v01.1	26 v33.0	14 v19.3	07 v21.9	09 v02.6	14 v31.3	12 v58.0	28 v37.5	14 x24.0	21 v02.9	26 v46!6
15 jan	19 38 36.6	25 v02.2	09 v23.2	15 v53.6	08 v26.0	09 v43.2	14 v43.1	13 v05.0	28 v38.0	14 x25.7	21 v04.9	26 v46!5
16 jan	19 42 33.1	26 v03.4	22 v38.1	17 v28.4	09 v30.4	10 v23.8	14 v54.8	13 v12.0	28 v38.4	14 x27.3	21 v07.0	26 v46!4
17 jan	19 46 29.7	27 v04.4	06 v20.0	19 v03.7	10 v35.1	11 v04.4	15 v06.4	13 v19.0	28 v39.0	14 x29.0	21 v09.0	26 v46.4
18 jan	19 50 26.2	28 v05.5	20 v29.3	20 v39.4	11 v40.1	11 v45.0	15 v18.0	13 v25.9	28 v39.6	14 x30.7	21 v11.0	26 v46.5
19 jan	19 54 22.8	29 v06.6	05 v04.0	22 v15.7	12 v45.3	12 v25.7	15 v29.5	13 v32.8	28 v40.2	14 x32.4	21 v13.0	26 v46.7
20 jan	19 58 19.4	00 v07.7	19 v59.1	23 v52.6	13 v50.8	13 v06.3	15 v40.9	13 v39.8	28 v40.9	14 x34.1	21 v15.0	26 v46.8
21 jan	20 2 15.9	01 v08.7	05 v07.1	25 v29.9	14 v56.5	13 v46.9	15 v52.2	13 v46.6	28 v41.6	14 x35.9	21 v17.0	26 v46!8
22 jan	20 6 12.5	02 v09.7	20 v18.8	27 v07.9	16 v02.5	14 v27.6	16 v03.5	13 v53.5	28 v42.4	14 x37.6	21 v19.1	26 v46!5
23 jan	20 10 9.0	03 v10.8	05 v24.5	28 v46.4	17 v08.7	15 v08.2	16 v14.7	14 v00.4	28 v43.2	14 x39.4	21 v21.0	26 v46!0
24 jan	20 14 5.6	04 v11.8	20 v15.8	00 v25.6	18 v15.1	15 v48.8	16 v25.8	14 v07.2	28 v44.1	14 x41.3	21 v23.0	26 v45!1
25 jan	20 18 2.1	05 v12.8	04 v46.0	02 v05.3	19 v21.8	16 v29.5	16 v36.8	14 v14.0	28 v45.1	14 x43.1	21 v25.0	26 v44!2
26 jan	20 21 58.7	06 v13.8	18 v51.6	03 v45.7	20 v28.6	17 v10.1	16 v47.7	14 v20.7	28 v46.1	14 x45.0	21 v27.0	26 v43!4
27 jan	20 25 55.2	07 v14.7	02 v31.4	05 v26.7	21 v35.7	17 v50.8	16 v58.5	14 v27.5	28 v47.1	14 x46.9	21 v29.0	26 v43!0
28 jan	20 29 51.8	08 v15.7	15 v46.4	07 v08.4	22 v42.9	18 v31.4	17 v09.3	14 v34.2	28 v48.2	14 x48.8	21 v30.9	26 v43.1
29 jan	20 33 48.4	09 v16.7	28 v39.2	08 v50.7	23 v50.4	19 v12.0	17 v19.9	14 v40.9	28 v49.3	14 x50.7	21 v32.9	26 v43.7
30 jan	20 37 44.9	10 v17.6	11 v13.1	10 v33.7	24 v58.0	19 v52.7	17 v30.5	14 v47.5	28 v50.5	14 x52.6	21 v34.8	26 v44.8
31 jan	20 41 41.5	11 v18.6	23 v31.6	12 v17.4	26 v05.8	20 v33.3	17 v41.0	14 v54.1	28 v51.8	14 x54.6	21 v36.8	26 v46.1

Declinação dos Astros

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Decl.	Sidereal Time	Sun	Moon	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	N. Node
h m s	h m s	h m s	h m s	h m s	h m s	h m s	h m s	h m s	h m s	h m s	h m s	h m s
01 jan	18 43 24.8	22 s59.9	12 s43.0	23 s15.8	15 s25.6	00 s09.3	21 s35.2	22 s27.7	10 n28.9	07 s09.2	21 s57.5	20 n46.9
02 jan	18 47 21.4	22 s54.8	16 s13.8	23 s26.4	15 s39.6	00 n08.0	21 s36.9	22 s27.2	10 n28.8	07 s08.7	21 s57.3	20 n47.4
03 jan	18 51 17.9	22 s49.1	18 s56.3	23 s35.8	15 s53.5	00 n25.2	21 s38.5	22 s26.7	10 n28.8	07 s08.2	21 s57.1	20 n47.8
04 jan	18 55 14.5	22 s43.1	20 s43.4	23 s44.1	16 s07.3	00 n42.5	21 s40.2	22 s26.1	10 n28.8	07 s07.7	21 s56.9	20 n48.2
05 jan	18 59 11.0	22 s36.5	21 s30.8	23 s51.3	16 s21.0	00 n59.8	21 s41.8	22 s25.6	10 n28.8	07 s07.1	21 s56.7	20 n48.4
06 jan	19 3 7.6	22 s29.6	21 s17.6	23 s57.3	16 s34.5	01 n17.0	21 s43.4	22 s25.0	10 n28.8	07 s06.6	21 s56.4	20 n48.6
07 jan	19 7 4.1	22 s22.1	20 s06.4	24 s02.0	16 s48.0	01 n34.3	21 s44.9	22 s24.4	10 n28.8	07 s06.0	21 s56.2	20 n48.6
08 jan	19 11 0.7	22 s14.3	18 s02.8	24 s05.6	17 s01.3	01 n51.5	21 s46.5	22 s23.8	10 n28.9	07 s05.5	21 s56.0	20 n48.5
09 jan	19 14 57.2	22 s06.0	15 s14.2	24 s07.8	17 s14.4	02 n08.7	21 s48.0	22 s23.3	10 n28.9	07 s04.9	21 s55.8	20 n48.3
10 jan	19 18 53.8	21 s57.3	11 s48.8	24 s08.8	17 s27.3	02 n25.8	21 s49.5	22 s22.7	10 n29.0	07 s04.3	21 s55.6	20 n48.2
11 jan	19 22 50.4	21 s48.1	07 s54.8	24 s08.5	17 s40.3	02 n43.0	21 s50.9	22 s22.1	10 n29.1	07 s03.7	21 s55.4	20 n48.0
12 jan	19 26 46.9	21 s38.5	03 s40.4	24 s06.8	17 s52.5	03 n00.1	21 s52.3	22 s21.5	10 n29.3	07 s03.1	21 s55.1	20 n47.9
13 jan	19 30 43.5	21 s28.5	00 n46.6	24 s03.9	18 s04.8	03 n17.2	21 s53.8	22 s20.9	10 n29.4	07 s02.5	21 s54.9	20 n47.9
14 jan	19 34 40.0	21 s18.1	05 n17.5	23 s59.5	18 s16.7	03 n34.3	21 s55.1	22 s20.3	10 n29.6	07 s01.8	21 s54.7	20 n47.9
15 jan	19 38 36.6	21 s07.3	09 n42.4	23 s53.8	18 s28.4	03 n51.3	21 s56.5	22 s19.6	10 n29.8	07 s01.2	21 s54.5	20 n47.9
16 jan	19 42 33.1	20 s56.1	13 n48.4	23 s46.7	18 s39.9	04 n08.3	21 s57.8	22 s19.0	10 n30.0	07 s00.6	21 s54.2	20 n47.9
17 jan	19 46 29.7	20 s44.4	17 n19.7	23 s38.2	18 s51.0	04 n25.3	21 s59.1	22 s18.4	10 n30.2	06 s59.9	21 s54.0	20 n47.9
18 jan	19 50 26.2	20 s32.4	19 n57.5	23 s28.3	19 s01.7	04 n42.2	22 s00.4	22 s17.8	10 n30.4	06 s59.2	21 s53.8	20 n47.9
19 jan	19 54 22.8	20 s20.0	21 n22.4	23 s17.0	19 s12.2	04 n59.1	22 s01.7	22 s17.1	10 n30.7	06 s58.6	21 s53.6	20 n47.8
20 jan	19 58 19.4	20 s07.2	21 n19.6	23 s04.2	19 s22.3	05 n15.9	22 s02.9	22 s16.5	10 n30.9	06 s57.9	21 s53.3	20 n47.8
21 jan	20 2 15.9	19 s54.0	19 n44.0	22 s50.0	19 s32.0	05 n32.7	22 s04.1	22 s15.8	10 n31.2	06 s57.2	21 s53.1	20 n47.8
22 jan	20 6 12.5	19 s40.5	16 n43.4	22 s34.3	19 s41.4	05 n49.4	22 s05.3	22 s15.2	10 n31.6	06 s56.5	21 s52.9	20 n47.9
23 jan	20 10 9.0	19 s26.6	12 n36.4	22 s17.2	19 s50.3	06 n06.1	22 s06.4	22 s14.5	10 n31.9	06 s55.8	21 s52.7	20 n48.0
24 jan	20 14 5.6	19 s12.3	07 n46.4	21 s58.6	19 s58.9	06 n22.7	22 s07.6	22 s13.9	10 n32.2	06 s55.1	21 s52.5	20 n48.2
25 jan	20 18 2.1	18 s57.7	02 n36.9	21 s38.5	20 s07.0	06 n39.3	22 s08.7	22 s13.2	10 n32.6	06 s54.3	21 s52.2	20 n48.3
26 jan	20 21 58.7	18 s42.7	02 s31.9	21 s16.9	20 s14.7	06 n55.8	22 s09.8	22 s12.6	10 n33.0	06 s53.6	21 s52.0	20 n48.5
27 jan	20 25 55.2	18 s27.4	07 s23.7	20 s53.8	20 s22.0	07 n12.2	22 s10.8	22 s11.9	10 n33.4	06 s52.9	21 s51.8	20 n48.6
28 jan	20 29 51.8	18 s11.8	11 s45.8	20 s29.2	20 s28.8	07 n28.6	22 s11.9	22 s11.2	10 n33.8	06 s52.1	21 s51.6	20 n48.5
29 jan	20 33 48.4	17 s55.8	15 s28.1	20 s03.1	20 s35.2	07 n44.9	22 s12.9	22 s10.6	10 n34.2	06 s51.4	21 s51.4	20 n48.4
30 jan	20 37 44.9	17 s39.5	18 s22.4	19 s35.5	20 s41.0	08 n01.2	22 s13.9	22 s09.9	10 n34.7	06 s50.6	21 s51.2	20 n48.2
31 jan	20 41 41.5	17 s22.9	20 s22.5	19 s06.4	20 s46.4	08 n17.4	22 s14.8	22 s09.2	10 n35.2	06 s49.8	21 s50.9	20 n48.0

FEVEREIRO DE 2019

Longitude dos Astros

Tropical Ephemeris - sexta-feira, 01 fev 2019 at noon, Greenwich SVP = 04x59.83 True Ayanamsa = 24d 07m 09s
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Long.	Sidereal Time	Sun	Moon	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	N. Node
	h m s	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
01 fev	20 45 38.0	12 19.5	05 38.3	14 01.7	27 13.7	21 14.0	17 51.3	15 00.7	28 53.1	14 56.6	21 38.7	26 47.5
02 fev	20 49 34.6	13 20.4	17 36.5	15 46.6	28 21.8	21 54.6	18 01.6	15 07.3	28 54.4	14 58.6	21 40.6	26 48.4
03 fev	20 53 31.1	14 21.3	29 28.9	17 32.2	29 30.1	22 35.3	18 11.8	15 13.8	28 55.8	15 00.6	21 42.5	26 48.6
04 fev	20 57 27.7	15 22.2	11 18.0	19 18.4	00 38.5	23 15.9	18 21.9	15 20.3	28 57.2	15 02.6	21 44.4	26 47.9
05 fev	21 1 24.2	16 23.1	23 05.9	21 05.1	01 47.1	23 56.5	18 31.8	15 26.7	28 58.7	15 04.6	21 46.3	26 46.1
06 fev	21 5 20.8	17 23.9	04 54.6	22 52.4	02 55.8	24 37.2	18 41.7	15 33.1	29 00.3	15 06.7	21 48.2	26 43.4
07 fev	21 9 17.4	18 24.8	16 46.2	24 40.1	04 04.6	25 17.8	18 51.5	15 39.5	29 01.8	15 08.8	21 50.1	26 39.8
08 fev	21 13 13.9	19 25.6	28 42.9	26 28.2	05 13.6	25 58.4	19 01.1	15 45.8	29 03.5	15 10.9	21 51.9	26 35.8
09 fev	21 17 10.5	20 26.3	10 47.1	28 16.7	06 22.7	26 39.0	19 10.6	15 52.1	29 05.1	15 13.0	21 53.7	26 31.9
10 fev	21 21 7.0	21 27.1	23 01.8	00 05.2	07 31.9	27 19.6	19 20.1	15 58.3	29 06.8	15 15.1	21 55.6	26 28.5
11 fev	21 25 3.6	22 27.8	05 30.2	01 53.9	08 41.2	28 00.2	19 29.4	16 04.5	29 08.6	15 17.2	21 57.4	26 26.1
12 fev	21 29 0.1	23 28.5	18 15.7	03 42.4	09 50.7	28 40.8	19 38.6	16 10.6	29 10.4	15 19.3	21 59.2	26 24.9
13 fev	21 32 56.7	24 29.2	01 21.9	05 30.5	11 00.2	29 21.4	19 47.7	16 16.7	29 12.3	15 21.5	22 00.9	26 25.0
14 fev	21 36 53.2	25 29.8	14 51.9	07 18.1	12 09.9	00 01.9	19 56.6	16 22.8	29 14.1	15 23.7	22 02.7	26 26.1
15 fev	21 40 49.8	26 30.4	28 47.6	09 04.8	13 19.6	00 84.2	20 05.5	16 28.8	29 16.1	15 25.8	22 04.5	26 27.6
16 fev	21 44 46.4	27 31.0	13 09.3	10 50.4	14 29.5	01 823.0	20 14.2	16 34.7	29 18.1	15 28.0	22 06.2	26 29.0
17 fev	21 48 42.9	28 31.6	27 54.8	12 34.5	15 39.4	02 803.5	20 22.8	16 40.6	29 20.1	15 30.2	22 07.9	26 29.5
18 fev	21 52 39.5	29 32.1	12 45.9	14 16.6	16 49.5	02 844.0	20 31.3	16 46.5	29 22.2	15 32.4	22 09.6	26 28.6
19 fev	21 56 36.0	00 32.6	28 13.7	15 56.3	17 59.6	03 824.5	20 39.6	16 52.2	29 24.3	15 34.6	22 11.3	26 29.6
20 fev	22 0 32.6	01 33.1	13 29.1	17 33.1	19 09.9	04 805.0	20 47.8	16 58.0	29 26.4	15 36.8	22 13.0	26 21.7
21 fev	22 4 29.1	02 33.5	28 34.6	19 06.4	20 20.2	04 845.4	20 55.9	17 03.7	29 28.6	15 39.1	22 14.6	26 16.4
22 fev	22 8 25.7	03 33.9	13 21.0	20 35.6	21 30.7	05 825.9	21 03.9	17 09.3	29 30.8	15 41.3	22 16.2	26 10.7
23 fev	22 12 22.2	04 34.4	27 41.6	22 00.2	22 41.2	06 806.3	21 11.7	17 14.8	29 33.1	15 43.5	22 17.8	26 05.4
24 fev	22 16 18.8	05 34.7	11 33.3	23 19.5	23 51.8	06 846.7	21 19.4	17 20.3	29 35.4	15 45.8	22 19.4	26 01.3
25 fev	22 20 15.4	06 35.1	24 55.7	24 32.8	25 02.4	07 827.1	21 27.0	17 25.8	29 37.7	15 48.0	22 21.0	25 58.9
26 fev	22 24 11.9	07 35.4	07 51.2	25 39.6	26 13.2	08 807.5	21 34.4	17 31.2	29 40.1	15 50.3	22 22.5	25 58.1
27 fev	22 28 8.5	08 35.7	20 23.6	26 39.1	27 24.0	08 847.8	21 41.7	17 36.5	29 42.5	15 52.6	22 24.1	25 58.8
28 fev	22 32 5.0	09 36.0	02 37.7	27 30.9	28 34.9	09 828.2	21 48.8	17 41.8	29 45.0	15 54.8	22 25.6	26 00.2

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	h m s	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
01 fev	20 45 38.0	17 06.0	21 24.3	18 35.7	20 51.3	08 33.5	22 15.8	22 08.5	10 35.6	06 49.1	21 50.7	20 47.7
02 fev	20 49 34.6	16 48.8	21 26.3	18 03.6	20 55.7	08 49.6	22 16.7	22 07.9	10 36.2	06 48.3	21 50.5	20 47.5
03 fev	20 53 31.1	16 31.3	20 29.8	17 30.0	20 59.6	09 05.6	22 17.6	22 07.2	10 36.7	06 47.5	21 50.3	20 47.5
04 fev	20 57 27.7	16 13.5	18 39.4	16 54.9	21 02.9	09 21.5	22 18.5	22 06.5	10 37.2	06 46.7	21 50.1	20 47.6
05 fev	21 1 24.2	15 55.4	16 01.4	16 18.4	21 05.8	09 37.3	22 19.4	22 05.8	10 37.8	06 45.9	21 49.9	20 48.0
06 fev	21 5 20.8	15 37.0	12 44.1	15 40.5	21 08.1	09 53.1	22 20.2	22 05.1	10 38.3	06 45.1	21 49.7	20 48.5
07 fev	21 9 17.4	15 18.4	08 56.0	15 01.1	21 09.8	10 08.8	22 21.0	22 04.4	10 38.9	06 44.3	21 49.5	20 49.2
08 fev	21 13 13.9	14 59.5	04 45.9	14 20.4	21 11.0	10 24.4	22 21.8	22 03.8	10 39.5	06 43.5	21 49.3	20 49.9
09 fev	21 17 10.5	14 40.4	00 22.5	13 38.3	21 11.7	10 39.9	22 22.6	22 03.1	10 40.2	06 42.7	21 49.1	20 50.7
10 fev	21 21 7.0	14 21.0	04 05.3	12 55.0	21 11.8	10 55.3	22 23.3	22 02.4	10 40.8	06 41.9	21 48.9	20 51.3
11 fev	21 25 3.6	14 01.4	08 28.2	12 10.5	21 11.3	11 10.6	22 24.0	22 01.7	10 41.4	06 41.0	21 48.7	20 51.8
12 fev	21 29 0.1	13 41.6	12 35.1	11 24.9	21 10.3	11 25.9	22 24.8	22 01.0	10 42.1	06 40.2	21 48.5	20 52.0
13 fev	21 32 56.7	13 21.5	16 13.2	10 38.3	21 08.7	11 41.0	22 25.4	22 00.3	10 42.8	06 39.4	21 48.3	20 52.0
14 fev	21 36 53.2	13 01.2	19 07.0	09 50.8	21 05.5	11 56.1	22 26.1	21 59.6	10 43.5	06 38.5	21 48.1	20 51.8
15 fev	21 40 49.8	12 40.7	20 59.6	09 02.6	21 03.7	12 11.0	22 26.8	21 59.0	10 44.2	06 37.7	21 47.9	20 51.5
16 fev	21 44 46.4	12 20.0	21 35.0	08 13.8	21 00.4	12 25.9	22 27.4	21 58.3	10 44.9	06 36.8	21 47.7	20 51.2
17 fev	21 48 42.9	11 59.1	20 42.2	07 24.6	20 56.5	12 40.6	22 28.0	21 57.6	10 45.7	06 36.0	21 47.5	20 51.1
18 fev	21 52 39.5	11 38.0	18 20.3	06 35.3	20 52.0	12 55.3	22 28.6	21 56.9	10 46.4	06 35.1	21 47.4	20 51.3
19 fev	21 56 36.0	11 16.7	14 39.9	05 46.0	20 46.9	13 09.8	22 29.2	21 56.3	10 47.2	06 34.3	21 47.2	20 51.8
20 fev	22 0 32.6	10 55.3	10 00.6	04 57.1	20 41.3	13 24.2	22 29.7	21 55.6	10 48.0	06 33.4	21 47.0	20 52.6
21 fev	22 4 29.1	10 33.7	04 47.1	04 08.8	20 35.1	13 38.6	22 30.3	21 54.9	10 48.8	06 32.5	21 46.8	20 53.6
22 fev	22 8 25.7	10 11.9	00 36.3	03 21.5	20 28.3	13 52.8	22 30.8	21 54.3	10 49.6	06 31.7	21 46.7	20 54.7
23 fev	22 12 22.2	09 49.9	05 48.4	02 35.5	20 20.9	14 06.9	22 31.3	21 53.6	10 50.4	06 30.8	21 46.5	20 55.7
24 fev	22 16 18.8	09 27.9	10 32.2	01 51.1	20 12.9	14 20.8	22 31.8	21 52.9	10 51.2	06 29.9	21 46.3	20 56.4
25 fev	22 20 15.4	09 05.6	14 35.0	01 08.8	20 04.4	14 34.7	22 32.3	21 52.3	10 52.1	06 29.1	21 46.2	20 56.9
26 fev	22 24 11.9	08 43.2	17 47.8	00 28.8	19 55.3	14 48.5	22 32.7	21 51.6	10 52.9	06 28.2	21 46.0	20 57.0
27 fev	22 28 8.5	08 20.7	20 04.2	00 08.3	19 45.7	15 02.1	22 33.2	21 51.0	10 53.8	06 27.3	21 45.9	20 56.9
28 fev	22 32 5.0	07 58.1	21 20.9	00 42.3	19 35.4	15 15.6	22 33.6	21 50.3	10 54.7	06 26.4	21 45.7	20 56.7

MARÇO DE 2019

Longitude dos Astros

Tropical Ephemeris - sexta-feira, 01 mar 2019 at noon, Greenwich SVP = 04x59.78 True Ayanamsa = 24d 07m 12s
 Julian Day = 2458544.0 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	o	o	o	o	o	o	o	o	o	o	o
01 mar	22 36 1.6	10x36.3	14v38.4	28x14.4	29v45.9	10x08.5	21z55.8	17v47.0	29v47.4	15x57.1	22v27.1	26v01.7
02 mar	22 39 58.1	11x36.5	26v30.3	28x49.2	00z57.0	10x48.8	22z02.7	17v52.1	29v50.0	15x59.4	22v28.5	26v02.13
03 mar	22 43 54.7	12x36.7	08z17.8	29x15.0	02z08.1	11x29.1	22z09.4	17v57.2	29v52.5	16x01.6	22v30.0	26v01.13
04 mar	22 47 51.2	13x36.9	20z04.4	29x31.5	03z19.2	12x09.4	22z15.9	18v02.2	29v55.1	16x03.9	22v31.4	25v58.13
05 mar	22 51 47.8	14x37.0	01x53.1	29x38.6	04z30.5	12x49.7	22z22.3	18v07.1	29v57.7	16x06.2	22v32.8	25v52.18
06 mar	22 55 44.3	15x37.2	13x46.0	29x36.5	05z41.8	13x29.9	22z28.6	18v12.0	00x00.4	16x08.5	22v34.2	25v45.12
07 mar	22 59 40.9	16x37.3	25x45.0	29x25.1	06z53.1	14x10.1	22z34.7	18v16.8	00x03.1	16x10.8	22v35.5	25v35.19
08 mar	23 3 37.5	17x37.3	07v51.3	29x05.1	08z04.5	14x50.4	22z40.6	18v21.5	00x05.8	16x13.0	22v36.9	25v25.16
09 mar	23 7 34.0	18x37.3	20v06.2	28x36.9	09z15.9	15x30.6	22z46.4	18v26.2	00x08.6	16x15.3	22v38.2	25v15.14
10 mar	23 11 30.6	19x37.3	02x31.0	28x01.2	10z27.4	16x10.7	22z52.0	18v30.8	00x11.3	16x17.6	22v39.5	25v06.11
11 mar	23 15 27.1	20x37.3	15x07.2	27x19.0	11z38.9	16x50.9	22z57.5	18v35.3	00x14.1	16x19.9	22v40.7	24v58.17
12 mar	23 19 23.7	21x37.2	27x56.8	26x31.2	12z50.5	17x31.1	23z02.8	18v39.7	00x17.0	16x22.1	22v41.9	24v53.16
13 mar	23 23 20.2	22x37.1	11x02.1	25x39.1	14z02.1	18x11.2	23z07.9	18v44.1	00x19.9	16x24.4	22v43.2	24v50.19
14 mar	23 27 16.8	23x36.9	24x25.5	24x43.9	15z13.8	18x51.3	23z12.9	18v48.4	00x22.8	16x26.7	22v44.3	24v50.2
15 mar	23 31 13.3	24x36.7	08v09.3	23x46.9	16z25.5	19x31.4	23z17.7	18v52.6	00x25.7	16x28.9	22v45.5	24v50.7
16 mar	23 35 9.9	25x36.5	22v14.9	22x49.4	17z37.3	20x11.4	23z22.3	18v56.7	00x28.6	16x31.2	22v46.6	24v51.3
17 mar	23 39 6.5	26x36.3	06v42.0	21x52.6	18z49.0	20x51.5	23z26.8	19v00.7	00x31.6	16x33.5	22v47.8	24v50.18
18 mar	23 43 3.0	27x36.0	21v28.1	20x57.7	20z00.9	21x31.5	23z31.1	19v04.7	00x34.6	16x35.7	22v48.8	24v48.12
19 mar	23 46 59.6	28x35.6	06v27.8	20x05.7	21z12.7	22x11.5	23z35.3	19v08.6	00x37.6	16x37.9	22v49.9	24v43.11
20 mar	23 50 56.1	29x35.2	21v33.1	19x17.5	22z24.6	22x51.4	23z39.2	19v12.4	00x40.7	16x40.2	22v50.9	24v35.14
21 mar	23 54 52.7	00v34.8	06v34.5	18x33.8	23z36.5	23x31.4	23z43.0	19v16.1	00x43.7	16x42.4	22v51.9	24v25.18
22 mar	23 58 49.2	01v34.4	21v22.1	17x55.2	24z48.5	24x11.3	23z46.6	19v19.8	00x46.8	16x44.6	22v52.9	24v15.14
23 mar	0 2 45.8	02v33.9	05v47.9	17x22.2	26z00.5	24x51.2	23z50.1	19v23.3	00x49.9	16x46.8	22v53.8	24v05.13
24 mar	0 6 42.3	03v33.4	19v46.7	16x54.9	27z12.6	25x31.1	23z53.4	19v26.8	00x53.1	16x49.0	22v54.8	23v56.18
25 mar	0 10 38.9	04v32.9	03z16.3	16x33.6	28z24.7	26x10.9	23z56.4	19v30.2	00x56.2	16x51.2	22v55.7	23v50.15
26 mar	0 14 35.5	05v32.3	16z17.7	16x18.4	29z36.8	26x50.7	23z59.4	19v33.5	00x59.4	16x53.4	22v56.5	23v46.17
27 mar	0 18 32.0	06v31.7	28z54.1	16x09.1	00x48.9	27x30.6	24z02.1	19v36.8	01x02.6	16x55.6	22v57.4	23v45.11
28 mar	0 22 28.6	07v31.1	11v10.2	16x05.8	02x01.1	28x10.3	24z04.7	19v39.9	01x05.8	16x57.8	22v58.2	23v44.9
29 mar	0 26 25.1	08v30.4	23v11.2	16x08.1	03x13.3	28x50.1	24z07.0	19v42.9	01x09.1	16x59.9	22v59.0	23v45.1
30 mar	0 30 21.7	09v29.7	05z02.6	16x16.0	04x25.6	29x29.9	24z09.2	19v45.9	01x12.3	17x02.1	22v59.7	23v44.16
31 mar	0 34 18.2	10v29.0	16z49.8	16x29.3	05x37.9	00x09.6	24z11.2	19v48.8	01x15.6	17x04.2	23v00.5	23v42.14

Declinação dos Astros

Tropical Ephemeris - sexta-feira, 01 mar 2019 at noon, Greenwich SVP = 04x59.78 True Ayanamsa = 24d 07m 12s
 Julian Day = 2458544.0 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	o	o	o	o	o	o	o	o	o	o	o
01 mar	22 36 1.6	07s35.4	21s36.8	01n12.9	19s24.6	15n29.0	22s34.0	21s49.7	10n55.6	06s25.6	21s45.6	20n56.4
02 mar	22 39 58.1	07s12.5	20s53.5	01n39.6	19s13.3	15n42.2	22s34.4	21s49.1	10n56.5	06s24.7	21s45.4	20n56.3
03 mar	22 43 54.7	06s49.6	19s14.9	02n02.1	19s01.4	15n55.4	22s34.8	21s48.4	10n57.4	06s23.8	21s45.3	20n56.4
04 mar	22 47 51.2	06s26.5	16s47.1	02n20.3	18s49.0	16n08.4	22s35.2	21s47.8	10n58.4	06s22.9	21s45.1	20n57.0
05 mar	22 51 47.8	06s03.4	13s37.2	02n33.9	18s36.0	16n21.2	22s35.5	21s47.2	10n59.3	06s22.1	21s45.0	20n58.0
06 mar	22 55 44.3	05s40.1	09s53.7	02n42.8	18s22.5	16n34.0	22s35.9	21s46.6	11n00.3	06s21.2	21s44.9	20n59.4
07 mar	22 59 40.9	05s16.8	05s45.3	02n46.8	18s08.5	16n46.6	22s36.2	21s46.0	11n01.2	06s20.3	21s44.7	21n01.2
08 mar	23 3 37.5	04s53.5	01s21.1	02n46.0	17s54.0	16n59.1	22s36.5	21s45.4	11n02.2	06s19.4	21s44.6	21n03.0
09 mar	23 7 34.0	04s30.0	03n09.2	02n40.4	17s38.9	17n11.4	22s36.8	21s44.8	11n03.2	06s18.6	21s44.5	21n04.9
10 mar	23 11 30.6	04s06.5	07n35.6	02n30.2	17s23.4	17n23.6	22s37.1	21s44.2	11n04.2	06s17.7	21s44.4	21n06.6
11 mar	23 15 27.1	03s43.0	11n47.2	02n15.6	17s07.3	17n35.6	22s37.4	21s43.6	11n05.2	06s16.8	21s44.3	21n07.9
12 mar	23 19 23.7	03s19.4	15n31.6	01n57.0	16s50.8	17n47.6	22s37.6	21s43.1	11n06.2	06s15.9	21s44.2	21n08.9
13 mar	23 23 20.2	02s55.7	18n35.3	01n34.9	16s33.8	17n59.3	22s37.9	21s42.5	11n07.2	06s15.1	21s44.1	21n09.3
14 mar	23 27 16.8	02s32.1	20n43.9	01n09.7	16s16.3	18n10.9	22s38.1	21s42.0	11n08.3	06s14.2	21s44.0	21n09.5
15 mar	23 31 13.3	02s08.4	21n43.1	00n42.1	15s58.4	18n22.4	22s38.3	21s41.4	11n09.3	06s13.3	21s43.9	21n09.4
16 mar	23 35 9.9	01s44.7	21n22.2	00n12.6	15s40.0	18n33.7	22s38.5	21s40.9	11n10.4	06s12.4	21s43.8	21n09.3
17 mar	23 39 6.5	01s21.0	19n36.6	00s18.1	15s21.1	18n44.9	22s38.7	21s40.3	11n11.4	06s11.6	21s43.7	21n09.4
18 mar	23 43 3.0	00s57.3	16n30.4	00s49.5	15s01.9	18n55.9	22s38.9	21s39.8	11n12.5	06s10.7	21s43.6	21n09.8
19 mar	23 46 59.6	00s33.6	12n16.6	01s20.8	14s42.2	19n06.8	22s39.1	21s39.3	11n13.6	06s09.9	21s43.5	21n10.7
20 mar	23 50 56.1	00s09.8	07n14.9	01s51.7	14s22.0	19n17.5	22s39.3	21s38.8	11n14.7	06s09.0	21s43.5	21n12.1
21 mar	23 54 52.7	00n13.9	01n48.5	02s21.5	14s01.5	19n28.0	22s39.5	21s38.3	11n15.7	06s08.2	21s43.4	21n13.8
22 mar	23 58 49.2	00n37.5	03s39.2	02s49.9	13s40.6	19n38.4	22s39.6	21s37.9	11n16.8	06s07.3	21s43.3	21n15.6
23 mar	0 2 45.8	01n01.2	08s46.9	03s16.6	13s19.3	19n48.7	22s39.8	21s37.4	11n17.9	06s06.5	21s43.3	21n17.4
24 mar	0 6 42.3	01n24.8	13s17.5	03s41.3	12s57.6	19n58.7	22s39.9	21s36.9	11n19.0	06s05.6	21s43.2	21n18.9
25 mar	0 10 38.9	01n48.4	16s57.9	04s03.8	12s35.6	20n08.6	22s40.0	21s36.5	11n20.2	06s04.8	21s43.1	21n20.0
26 mar	0 14 35.5	02n12.0	19s39.5	04s23.9	12s13.2	20n18.4	22s40.1	21s36.0	11n21.3	06s03.9	21s43.1	21n20.6
27 mar	0 18 32.0	02n35.5	21s17.8	04s41.5	11s50.4	20n27.9	22s40.2	21s35.6	11n22.4	06s03.1	21s43.1	21n20.9
28 mar	0 22 28.6	02n59.0	21s51.8	04s56.6	11s27.3	20n37.4	22s40.3	21s35.2	11n23.5	06s02.3	21s43.0	21n20.9
29 mar	0 26 25.1	03n22.4	21s23.7	05s09.2	11s03.9	20n46.6	22s40.4	21s34.8	11n24.7	06s01.5	21s43.0	21n20.9
30 mar	0 30 21.7	03n45.7	19s58.1	05s19.2	10s40.2	20n55.7	22s40.5	21s34.4	11n25.8	06s00.6	21s43.0	21n21.0
31 mar	0 34 18.2	04n09.0	17s41.0	05s26.8	10s16.1	21n04.6	22s40.6	21s34.0	11n27.0	05s59.8	21s42.9	21n21.4

ABRIL DE 2019

Longitude dos Astros

Tropical Ephemeris - segunda-feira, 01 abr 2019 at noon, Greenwich SVP = 04x59.72 True Ayanamsa = 24d 07m 16s
 Julian Day = 2458575.0 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 38 14.8	11°28.3	28°37.2	16°47.6	06°50.2	00°49.3	24°13.1	19°51.6	01°8.8	17°06.3	23°01.1	23°37.7
02 abr	0 42 11.3	12°27.5	10°28.9	17°10.8	08°02.5	01°29.0	24°14.7	19°54.3	01°8.2	17°08.5	23°01.8	23°30.1
03 abr	0 46 7.9	13°26.7	22°27.8	17°38.6	09°14.8	02°08.7	24°16.1	19°56.9	01°8.2	17°10.6	23°02.5	23°19.8
04 abr	0 50 4.5	14°25.9	04°36.2	18°10.7	10°27.2	02°48.3	24°17.4	19°59.4	01°8.2	17°12.6	23°03.1	23°07.3
05 abr	0 54 1.0	15°25.0	16°55.1	18°47.0	11°39.6	03°27.9	24°18.5	20°01.8	01°8.2	17°14.7	23°03.6	22°53.6
06 abr	0 57 57.6	16°24.1	29°25.2	19°27.3	12°52.0	04°07.6	24°19.3	20°04.1	01°8.3	17°16.8	23°04.2	22°39.9
07 abr	1 1 54.1	17°23.1	12°06.6	20°11.2	14°04.4	04°47.1	24°20.0	20°06.3	01°8.3	17°18.8	23°04.7	22°27.2
08 abr	1 5 50.7	18°22.2	24°59.2	20°58.7	15°16.9	05°26.7	24°20.6	20°08.5	01°8.4	17°20.8	23°05.2	22°16.8
09 abr	1 9 47.2	19°21.1	08°03.1	21°49.5	16°29.3	06°06.3	24°20.9	20°10.5	01°8.4	17°22.8	23°05.7	22°09.2
10 abr	1 13 43.8	20°20.1	21°18.8	22°43.5	17°41.8	06°45.8	24°21.0	20°12.5	01°8.4	17°24.8	23°06.1	22°04.6
11 abr	1 17 40.3	21°19.0	04°47.1	23°40.5	18°54.3	07°25.3	24°21.0	20°14.3	01°8.5	17°26.8	23°06.5	22°02.5
12 abr	1 21 36.9	22°17.9	18°29.3	24°40.3	20°06.8	08°04.8	24°20.7	20°16.1	01°8.5	17°28.8	23°06.9	22°02.1
13 abr	1 25 33.5	23°16.7	02°26.3	25°42.9	21°19.3	08°44.2	24°20.3	20°17.7	01°8.5	17°30.7	23°07.2	22°02.0
14 abr	1 29 30.0	24°15.5	16°38.3	26°48.1	22°31.9	09°23.7	24°19.7	20°19.3	02°8.0	17°32.6	23°07.6	22°00.9
15 abr	1 33 26.6	25°14.3	01°04.3	27°55.8	23°44.4	10°03.1	24°18.9	20°20.8	02°8.0	17°34.5	23°07.9	21°57.8
16 abr	1 37 23.1	26°13.0	15°41.0	29°05.9	24°57.0	10°42.5	24°17.9	20°22.1	02°8.0	17°36.4	23°08.1	21°52.1
17 abr	1 41 19.7	27°11.7	00°23.3	30°18.3	26°09.6	11°21.8	24°16.7	20°23.4	02°8.1	17°38.3	23°08.3	21°43.6
18 abr	1 45 16.2	28°10.3	15°04.1	01°32.9	27°22.1	12°01.1	24°15.3	20°24.6	02°8.1	17°40.1	23°08.5	21°33.0
19 abr	1 49 12.8	29°08.9	29°35.7	02°49.7	28°34.7	12°40.5	24°13.8	20°25.7	02°8.1	17°42.0	23°08.7	21°22.4
20 abr	1 53 9.3	00°07.5	13°50.9	04°08.7	29°47.4	13°19.7	24°12.0	20°26.6	02°8.2	17°43.8	23°08.8	21°10.0
21 abr	1 57 5.9	01°06.1	27°44.0	05°29.6	01°00.0	13°59.0	24°10.1	20°27.5	02°8.2	17°45.6	23°08.9	21°00.1
22 abr	2 1 2.5	02°04.6	11°12.1	06°52.6	02°12.7	14°38.3	24°08.0	20°28.3	02°8.3	17°47.3	23°09.0	20°52.5
23 abr	2 4 59.0	03°03.1	24°14.6	08°17.5	03°25.3	15°17.5	24°05.8	20°29.0	02°8.3	17°49.1	23°09.1	20°47.6
24 abr	2 8 55.6	04°01.6	06°53.6	09°44.3	04°38.0	15°56.7	24°03.3	20°29.6	02°8.3	17°50.8	23°09.1	20°45.1
25 abr	2 12 52.1	04°00.0	19°12.5	11°13.1	05°50.7	16°35.9	24°00.7	20°30.1	02°8.4	17°52.5	23°09.1	20°44.4
26 abr	2 16 48.7	05°58.4	01°16.1	12°43.7	07°03.4	17°15.0	23°57.8	20°30.5	02°8.4	17°54.2	23°09.1	20°44.5
27 abr	2 20 45.2	06°56.8	13°09.8	14°16.2	08°16.1	17°54.2	23°54.8	20°30.8	02°8.4	17°55.8	23°09.0	20°44.4
28 abr	2 24 41.8	07°55.2	24°59.0	15°50.5	09°28.9	18°33.3	23°51.7	20°31.0	02°8.5	17°57.5	23°08.9	20°43.1
29 abr	2 28 38.3	08°53.5	06°48.9	17°26.6	10°41.6	19°12.4	23°48.3	20°31.1	02°8.5	17°59.1	23°08.8	20°39.7
30 abr	2 32 34.9	09°51.8	18°44.1	19°04.5	11°54.4	19°51.5	23°44.8	20°31.1	02°8.5	18°00.6	23°08.6	20°33.8

Declinação dos Astros

Tropical Ephemeris - segunda-feira, 01 abr 2019 at noon, Greenwich SVP = 04x59.72 True Ayanamsa = 24d 07m 16s
 Julian Day = 2458575.0 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 38 14.8	04°n32.2	14°s39.9	05°s31.9	09°s51.8	21°n13.3	22°s40.7	21°s33.7	11°n28.1	05°s59.0	21°s42.9	21°n22.2
02 abr	0 42 11.3	04°n55.3	11°s02.3	05°s34.6	09°s27.2	21°n21.9	22°s40.7	21°s33.3	11°n29.3	05°s58.2	21°s42.9	21°n23.5
03 abr	0 46 7.9	05°n18.4	06°s56.7	05°s35.0	09°s02.3	21°n30.2	22°s40.8	21°s33.0	11°n30.4	05°s57.4	21°s42.9	21°n25.2
04 abr	0 50 4.5	05°n41.3	02°s31.8	05°s33.0	08°s37.2	21°n38.4	22°s40.8	21°s32.6	11°n31.6	05°s56.6	21°s42.9	21°n27.3
05 abr	0 54 1.0	06°n04.1	02°n02.9	05°s28.9	08°s11.8	21°n46.5	22°s40.8	21°s32.3	11°n32.8	05°s55.8	21°s42.9	21°n29.6
06 abr	0 57 57.6	06°n26.9	06°n36.9	05°s22.7	07°s46.2	21°n54.3	22°s40.9	21°s32.0	11°n33.9	05°s55.1	21°s42.9	21°n31.9
07 abr	1 1 54.1	06°n49.5	10°n58.5	05°s14.4	07°s20.3	22°n02.0	22°s40.9	21°s31.7	11°n35.1	05°s54.3	21°s42.9	21°n34.0
08 abr	1 5 50.7	07°n12.0	14°n54.7	05°s04.1	06°s54.3	22°n09.5	22°s40.9	21°s31.4	11°n36.3	05°s53.5	21°s42.9	21°n35.7
09 abr	1 9 47.2	07°n34.4	18°n11.5	04°s52.0	06°s28.0	22°n16.8	22°s40.9	21°s31.2	11°n37.5	05°s52.8	21°s42.9	21°n36.9
10 abr	1 13 43.8	07°n56.7	20°n34.7	04°s37.9	06°s01.5	22°n23.9	22°s40.9	21°s30.9	11°n38.6	05°s52.0	21°s43.0	21°n37.6
11 abr	1 17 40.3	08°n18.8	21°n51.2	04°s22.1	05°s34.9	22°n30.9	22°s40.9	21°s30.7	11°n39.8	05°s51.3	21°s43.0	21°n38.0
12 abr	1 21 36.9	08°n40.8	21°n51.0	04°s04.6	05°s08.1	22°n37.7	22°s40.9	21°s30.5	11°n41.0	05°s50.5	21°s43.0	21°n38.0
13 abr	1 25 33.5	09°n02.6	20°n30.1	03°s45.4	04°s41.1	22°n44.2	22°s40.9	21°s30.3	11°n42.2	05°s49.8	21°s43.1	21°n38.0
14 abr	1 29 30.0	09°n24.3	17°n51.1	03°s24.6	04°s14.0	22°n50.6	22°s40.8	21°s30.1	11°n43.4	05°s49.1	21°s43.1	21°n38.2
15 abr	1 33 26.6	09°n45.8	14°n03.6	03°s02.2	03°s46.7	22°n56.8	22°s40.8	21°s29.9	11°n44.6	05°s48.3	21°s43.2	21°n38.7
16 abr	1 37 23.1	10°n07.2	09°n22.8	02°s38.3	03°s19.4	23°n02.9	22°s40.8	21°s29.7	11°n45.8	05°s47.6	21°s43.2	21°n39.6
17 abr	1 41 19.7	10°n28.4	04°n07.8	02°s13.0	02°s51.9	23°n08.7	22°s40.7	21°s29.6	11°n47.0	05°s46.9	21°s43.3	21°n41.0
18 abr	1 45 16.2	10°n49.4	01°s20.5	01°s46.3	02°s24.2	23°n14.3	22°s40.6	21°s29.4	11°n48.1	05°s46.2	21°s43.4	21°n42.7
19 abr	1 49 12.8	11°n10.2	06°s41.0	01°s18.3	01°s56.6	23°n19.8	22°s40.6	21°s29.3	11°n49.3	05°s45.6	21°s43.4	21°n44.5
20 abr	1 53 9.3	11°n30.9	11°s34.3	00°s48.9	01°s28.8	23°n25.0	22°s40.5	21°s29.2	11°n50.5	05°s44.9	21°s43.5	21°n46.2
21 abr	1 57 5.9	11°n51.3	15°s43.5	00°s18.2	01°s00.9	23°n30.1	22°s40.4	21°s29.1	11°n51.7	05°s44.2	21°s43.6	21°n47.8
22 abr	2 1 2.5	12°n11.6	18°s55.8	00°n13.6	00°s33.0	23°n35.0	22°s40.4	21°s29.0	11°n52.9	05°s43.5	21°s43.7	21°n48.9
23 abr	2 4 59.0	12°n31.7	21°s03.2	00°n46.7	00°s05.0	23°n39.7	22°s40.3	21°s28.9	11°n54.1	05°s42.9	21°s43.8	21°n49.7
24 abr	2 8 55.6	12°n51.5	22°s02.7	01°n20.9	00°n23.0	23°n44.1	22°s40.2	21°s28.9	11°n55.3	05°s42.3	21°s43.9	21°n50.0
25 abr	2 12 52.1	13°n11.2	21°s55.6	01°n56.2	00°n51.0	23°n48.4	22°s40.1	21°s28.9	11°n56.4	05°s41.6	21°s44.0	21°n50.2
26 abr	2 16 48.7	13°n30.6	20°s46.7	02°n32.6	01°n19.1	23°n52.5	22°s39.9	21°s28.9	11°n57.6	05°s41.0	21°s44.1	21°n50.1
27 abr	2 20 45.2	13°n49.9	18°s43.1	03°n10.0	01°n47.1	23°n56.5	22°s39.8	21°s28.9	11°n58.8	05°s40.4	21°s44.2	21°n50.1
28 abr	2 24 41.8	14°n08.9	15°s52.8	03°n48.4	02°n15.2	24°n00.2	22°s39.7	21°s28.9	11°n60.0	05°s39.8	21°s44.3	21°n50.4
29 abr	2 28 38.3	14°n27.6	12°s23.8	04°n27.7	02°n43.2	24°n03.7	22°s39.6	21°s28.9	12°n01.2	05°s39.2	21°s44.4	21°n50.9
30 abr	2 32 34.9	14°n46.1	08°s24.2	05°n07.9	03°n11.2	24°n07.0	22°s39.4	21°s28.9	12°n02.3	05°s38.6	21°s44.6	21°n51.8

MAIO DE 2019

Longitude dos Astros

Tropical Ephemeris - quarta-feira, 01 mai 2019 at noon, Greenwich SVP = 04x59.67 True Ayanansa = 24d 07m 19s
 Julian Day = 2458605.0 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 36 31.4	10 850.1	00 748.8	20 744.3	13 707.2	20 730.5	23 741.1	20 731.0	03 801.0	18 702.2	23 708.4	20 725.4
02 mai	2 40 28.0	11 848.3	13 705.7	22 725.9	14 720.0	21 709.6	23 737.2	20 730.8	03 804.5	18 703.7	23 708.2	20 725.4
03 mai	2 44 24.6	12 846.6	25 736.8	24 709.3	15 732.7	21 748.6	23 733.2	20 730.5	03 807.9	18 705.2	23 708.0	20 725.4
04 mai	2 48 21.1	13 844.8	08 822.7	25 754.6	16 745.5	22 727.6	23 729.0	20 730.1	03 811.3	18 706.7	23 707.7	19 725.1
05 mai	2 52 17.7	14 842.9	21 823.2	27 741.6	17 758.4	23 706.6	23 724.6	20 729.7	03 814.7	18 708.2	23 707.4	19 725.1
06 mai	2 56 14.2	15 841.1	04 837.1	29 730.6	19 711.2	23 745.6	23 720.1	20 729.1	03 818.1	18 709.6	23 707.1	19 725.1
07 mai	3 0 10.8	16 839.2	18 802.8	01 821.3	20 724.0	24 724.6	23 715.5	20 728.4	03 821.5	18 711.0	23 706.7	19 725.1
08 mai	3 4 7.3	17 837.3	01 838.9	03 813.9	21 736.8	25 703.5	23 710.6	20 727.6	03 824.8	18 712.4	23 706.4	19 725.1
09 mai	3 8 3.9	18 835.3	15 823.9	05 808.3	22 749.7	25 742.4	23 705.7	20 726.8	03 828.2	18 713.8	23 706.1	19 725.1
10 mai	3 12 0.4	19 833.4	29 817.1	07 804.6	24 702.5	26 721.3	23 700.5	20 725.8	03 831.5	18 715.1	23 705.8	19 725.1
11 mai	3 15 57.0	20 831.3	13 817.8	09 802.6	25 715.4	27 700.2	22 755.3	20 724.7	03 834.9	18 716.4	23 705.5	19 725.1
12 mai	3 19 53.6	21 829.3	27 825.3	11 802.5	26 728.2	27 739.1	22 749.9	20 723.6	03 838.2	18 717.7	23 705.2	19 725.1
13 mai	3 23 50.1	22 827.2	11 838.5	13 804.0	27 741.1	28 717.9	22 744.3	20 722.3	03 841.5	18 718.9	23 704.9	19 725.1
14 mai	3 27 46.7	23 825.1	25 855.3	15 807.2	28 753.9	28 756.7	22 738.6	20 721.0	03 844.8	18 720.1	23 704.6	19 725.1
15 mai	3 31 43.2	24 823.0	10 812.8	17 812.0	00 806.8	29 735.5	22 732.8	20 719.6	03 848.1	18 721.3	23 704.3	19 725.1
16 mai	3 35 39.8	25 820.8	24 826.6	19 818.2	01 819.7	00 814.3	22 726.9	20 718.0	03 851.4	18 722.4	23 704.0	19 725.1
17 mai	3 39 36.3	26 818.6	08 832.0	21 825.8	02 832.5	00 853.0	22 720.8	20 716.4	03 854.6	18 723.6	23 703.7	18 725.1
18 mai	3 43 32.9	27 816.4	22 824.3	23 834.6	03 845.4	01 831.8	22 714.7	20 714.7	03 857.9	18 724.7	23 703.4	18 725.1
19 mai	3 47 29.4	28 814.2	05 859.4	25 844.4	04 858.3	02 810.5	22 708.4	20 712.9	04 801.1	18 725.7	23 703.1	18 725.1
20 mai	3 51 26.0	29 811.9	19 814.8	27 855.0	06 811.2	02 849.2	22 702.0	20 711.1	04 804.3	18 726.8	22 702.8	18 725.1
21 mai	3 55 22.6	00 809.7	02 809.8	00 806.2	07 824.2	03 827.9	21 755.5	20 709.1	04 807.5	18 727.8	22 702.5	18 725.1
22 mai	3 59 19.1	01 807.4	14 845.1	02 817.8	08 837.1	04 806.5	21 748.9	20 707.0	04 810.6	18 728.8	22 702.2	18 725.1
23 mai	4 3 15.7	02 805.0	27 803.2	04 829.4	09 850.0	04 845.2	21 742.2	20 704.9	04 813.8	18 729.7	22 701.9	18 725.1
24 mai	4 7 12.2	03 802.7	09 807.7	06 840.9	11 803.0	05 823.8	21 735.4	20 702.7	04 816.9	18 730.6	22 701.6	18 725.1
25 mai	4 11 8.8	04 800.3	21 803.0	08 851.8	12 816.0	06 802.4	21 728.5	20 700.4	04 820.0	18 731.5	22 701.3	18 725.1
26 mai	4 15 5.3	04 858.0	02 853.9	11 802.0	13 828.9	06 841.0	21 721.5	19 758.0	04 823.1	18 732.4	22 701.0	18 725.1
27 mai	4 19 1.9	05 855.6	14 845.7	13 811.2	14 841.9	07 819.6	21 714.4	19 755.5	04 826.2	18 733.2	22 700.7	18 725.1
28 mai	4 22 58.4	06 853.2	26 843.2	15 819.1	15 854.9	07 858.2	21 707.3	19 753.0	04 829.2	18 734.0	22 700.4	18 725.1
29 mai	4 26 55.0	07 850.8	08 851.1	17 825.5	17 807.9	08 836.8	21 700.1	19 750.3	04 832.2	18 734.8	22 700.1	18 725.1
30 mai	4 30 51.6	08 848.3	21 813.2	19 830.2	18 820.9	09 815.3	20 752.8	19 747.6	04 835.2	18 735.5	22 700.0	18 725.1
31 mai	4 34 48.1	09 845.9	03 852.3	21 833.0	19 834.0	09 853.8	20 745.4	19 744.8	04 838.2	18 736.2	22 700.0	18 725.1

Declinação dos Astros

Tropical Ephemeris - quarta-feira, 01 mai 2019 at noon, Greenwich SVP = 04x59.67 True Ayanansa = 24d 07m 19s
 Julian Day = 2458605.0 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 36 31.4	15 n 04.4	04 s 02.1	05 n 49.0	03 n 39.2	24 n 10.2	22 s 39.3	21 s 29.0	12 n 03.5	05 s 38.0	21 s 44.7	21 n 53.0
02 mai	2 40 28.0	15 n 22.4	00 n 33.7	06 n 30.9	04 n 07.1	24 n 13.1	22 s 39.1	21 s 29.1	12 n 04.7	05 s 37.4	21 s 44.8	21 n 54.6
03 mai	2 44 24.6	15 n 40.2	05 n 13.5	07 n 13.5	04 n 35.0	24 n 15.8	22 s 38.9	21 s 29.1	12 n 05.9	05 s 36.9	21 s 45.0	21 n 56.3
04 mai	2 48 21.1	15 n 57.7	09 n 45.8	07 n 56.8	05 n 02.8	24 n 18.4	22 s 38.8	21 s 29.2	12 n 07.0	05 s 36.3	21 s 45.1	21 n 58.0
05 mai	2 52 17.7	16 n 15.0	13 n 57.2	08 n 40.7	05 n 30.5	24 n 20.7	22 s 38.6	21 s 29.4	12 n 08.2	05 s 35.8	21 s 45.3	21 n 59.6
06 mai	2 56 14.2	16 n 32.0	17 n 32.5	09 n 25.2	05 n 58.1	24 n 22.9	22 s 38.4	21 s 29.5	12 n 09.3	05 s 35.3	21 s 45.4	22 n 00.9
07 mai	3 0 10.8	16 n 48.7	20 n 15.8	10 n 10.2	06 n 25.6	24 n 24.8	22 s 38.2	21 s 29.6	12 n 10.5	05 s 34.8	21 s 45.6	22 n 01.8
08 mai	3 4 7.3	17 n 05.1	21 n 52.5	10 n 55.7	06 n 52.9	24 n 26.6	22 s 38.0	21 s 29.8	12 n 11.6	05 s 34.2	21 s 45.7	22 n 02.3
09 mai	3 8 3.9	17 n 21.3	22 n 11.9	11 n 41.4	07 n 20.2	24 n 28.1	22 s 37.8	21 s 30.0	12 n 12.8	05 s 33.8	21 s 45.9	22 n 02.5
10 mai	3 12 0.4	17 n 37.1	21 n 09.6	12 n 27.4	07 n 47.3	24 n 29.5	22 s 37.6	21 s 30.2	12 n 13.9	05 s 33.3	21 s 46.1	22 n 02.5
11 mai	3 15 57.0	17 n 52.7	18 n 48.9	13 n 13.5	08 n 14.2	24 n 30.7	22 s 37.3	21 s 30.4	12 n 15.0	05 s 32.8	21 s 46.3	22 n 02.4
12 mai	3 19 53.6	18 n 07.9	15 n 19.5	13 n 59.6	08 n 41.0	24 n 31.6	22 s 37.1	21 s 30.6	12 n 16.2	05 s 32.3	21 s 46.5	22 n 02.4
13 mai	3 23 50.1	18 n 22.9	10 n 55.8	14 n 45.6	09 n 07.6	24 n 32.4	22 s 36.8	21 s 30.8	12 n 17.3	05 s 31.9	21 s 46.6	22 n 02.6
14 mai	3 27 46.7	18 n 37.5	05 n 55.0	15 n 31.3	09 n 34.0	24 n 33.0	22 s 36.6	21 s 31.1	12 n 18.4	05 s 31.4	21 s 46.8	22 n 03.1
15 mai	3 31 43.2	18 n 51.8	00 n 35.3	16 n 16.6	10 n 00.2	24 n 33.4	22 s 36.3	21 s 31.3	12 n 19.5	05 s 31.0	21 s 47.0	22 n 03.9
16 mai	3 35 39.8	19 n 05.8	04 s 45.0	17 n 01.3	10 n 26.2	24 n 33.6	22 s 36.0	21 s 31.6	12 n 20.6	05 s 30.6	21 s 47.2	22 n 05.0
17 mai	3 39 36.3	19 n 19.5	09 s 47.5	17 n 45.2	10 n 52.0	24 n 33.6	22 s 35.7	21 s 31.9	12 n 21.7	05 s 30.2	21 s 47.4	22 n 06.2
18 mai	3 43 32.9	19 n 32.9	14 s 15.2	18 n 28.2	11 n 17.5	24 n 33.3	22 s 35.4	21 s 32.2	12 n 22.8	05 s 29.8	21 s 47.6	22 n 07.3
19 mai	3 47 29.4	19 n 45.9	17 s 53.1	19 n 10.0	11 n 42.8	24 n 32.9	22 s 35.1	21 s 32.5	12 n 23.9	05 s 29.4	21 s 47.9	22 n 08.3
20 mai	3 51 26.0	19 n 58.5	20 s 29.7	19 n 50.4	12 n 07.8	24 n 32.4	22 s 34.8	21 s 32.8	12 n 25.0	05 s 29.1	21 s 48.1	22 n 09.1
21 mai	3 55 22.6	20 n 10.9	21 s 58.2	20 n 29.2	12 n 32.6	24 n 31.6	22 s 34.5	21 s 33.2	12 n 26.0	05 s 28.7	21 s 48.3	22 n 09.6
22 mai	3 59 19.1	20 n 22.9	22 s 17.2	21 n 06.3	12 n 57.1	24 n 30.6	22 s 34.2	21 s 33.5	12 n 27.1	05 s 28.3	21 s 48.5	22 n 09.7
23 mai	4 3 15.7	20 n 34.5	21 s 30.1	21 n 41.4	13 n 21.3	24 n 29.4	22 s 33.8	21 s 33.9	12 n 28.2	05 s 28.0	21 s 48.8	22 n 09.7
24 mai	4 7 12.2	20 n 45.8	19 s 43.8	22 n 14.4	13 n 45.1	24 n 28.0	22 s 33.5	21 s 34.3	12 n 29.2	05 s 27.7	21 s 49.0	22 n 09.5
25 mai	4 11 8.8	20 n 56.7	17 s 07.0	22 n 45.0	14 n 08.7	24 n 26.5	22 s 33.1	21 s 34.7	12 n 30.2	05 s 27.4	21 s 49.2	22 n 09.4
26 mai	4 15 5.3	21 n 07.3	13 s 48.8	23 n 13.2	14 n 31.9	24 n 24.7	22 s 32.8	21 s 35.1	12 n 31.3	05 s 27.1	21 s 49.5	22 n 09.2
27 mai	4 19 1.9	21 n 17.5	09 s 58.0	23 n 38.8	14 n 54.8	24 n 22.8	22 s 32.4	21 s 35.5	12 n 32.3	05 s 26.8	21 s 49.7	22 n 09.3
28 mai	4 22 58.4	21 n 27.4	05 s 42.6	24 n 01.8	15 n 17.4	24 n 20.7	22 s 32.0	21 s 35.9	12 n 33.3	05 s 26.5	21 s 50.0	22 n 09.6
29 mai	4 26 55.0	21 n 36.9	01 s 10.6	24 n 22.1	15 n 39.6	24 n 18.4	22 s 31.6	21 s 36.4	12 n 34.3	05 s 26.3	21 s 50.2	22 n 10.1
30 mai	4 30 51.6	21 n 46.0	03 n 29.3	24 n 39.7	16 n 01.4	24 n 15.8	22 s 31.2	21 s 36.8	12 n 35.3	05 s 26.0	21 s 50.5	22 n 10.8
31 mai	4 34 48.1	21 n 54.7	08 n 07.1	24 n 54.6	16 n 22.8	24 n 13.2	22 s 30.8	21 s 37.3	12 n 36.3	05 s 25.8	21 s 50.7	22 n 11.6

JUNHO DE 2019

Longitude dos Astros

Tropical Ephemeris - sábado, 01 jun 2019 at noon, Greenwich SVP = 04x59.61 True Ayanamsa = 24d 07m 23s Julian Day = 2458636.0 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 38 44.7	10x43.4	16 850.1	23x33.7	20 847.0	10 532.3	20 23810	19 4210	04 841.2	18 36.9	22 4915	18 508!0
02 jun	4 42 41.2	11x40.9	00x06.8	25x32.2	22 800.1	11 510.9	20 23016	19 43910	04 844.1	18 37.5	22 4815	18 502!1
03 jun	4 46 37.8	12x38.4	13x41.1	27x28.4	23 813.1	11 549.3	20 22311	19 43610	04 847.0	18 38.1	22 4715	17 557!3
04 jun	4 50 34.3	13x35.9	27x30.6	29x22.3	24 826.2	12 527.8	20 21516	19 43219	04 849.8	18 38.7	22 4614	17 554!2
05 jun	4 54 30.9	14x33.4	11 32.0	01 13.6	25 839.3	13 506.3	20 20810	19 42918	04 852.7	18 39.2	22 4514	17 552!7
06 jun	4 58 27.4	15x30.9	25 41.8	03 02.4	26 852.3	13 523.2	20 20014	19 42616	04 855.5	18 39.7	22 4413	17 552.8
07 jun	5 2 24.0	16x28.3	09 456.3	04 548.6	28 805.4	14 501.6	19 25218	19 42313	04 858.3	18 40.2	22 4312	17 553.9
08 jun	5 6 20.6	17x25.7	24 412.4	06 532.3	29 818.5	15 501.6	19 24512	19 41919	05 801.1	18 40.7	22 4211	17 555.3
09 jun	5 10 17.1	18x23.1	08 27.4	08 513.2	00 31.6	15 540.0	19 23715	19 41615	05 803.8	18 41.1	22 4110	17 556.4
10 jun	5 14 13.7	19x20.5	22 39.0	09 551.5	01 44.7	16 518.4	19 22919	19 41311	05 806.5	18 41.4	22 4018	17 556!7
11 jun	5 18 10.2	20x17.8	06 45.3	11 527.1	02 57.9	16 556.8	19 22212	19 40915	05 809.2	18 41.8	22 3917	17 555!8
12 jun	5 22 6.8	21x15.2	20 44.3	13 500.0	04 11.0	17 535.2	19 21416	19 40519	05 811.4	18 42.1	22 3815	17 553!7
13 jun	5 26 3.3	22x12.5	04 34.0	14 530.2	05 24.1	18 513.5	19 20619	19 40213	05 814.4	18 42.4	22 3713	17 550!6
14 jun	5 29 59.9	23x09.8	18 12.6	15 557.6	06 37.3	18 551.8	18 25913	18 45816	05 817.0	18 42.6	22 3611	17 547!1
15 jun	5 33 56.4	24x07.1	01 238.2	17 522.2	07 50.4	19 530.2	18 25117	18 45418	05 819.5	18 42.8	22 3518	17 543!6
16 jun	5 37 53.0	25x04.4	14 49.4	18 544.0	09 03.6	20 508.5	18 24411	18 45110	05 822.0	18 43.0	22 3416	17 540!6
17 jun	5 41 49.6	26x01.7	27 45.2	20 502.9	10 16.8	20 546.8	18 23616	18 44712	05 824.5	18 43.2	22 3313	17 538!4
18 jun	5 45 46.1	26x58.9	10 25.5	21 519.0	11 30.0	21 525.1	18 22910	18 44313	05 826.9	18 43.3	22 32011	17 537!3
19 jun	5 49 42.7	27x56.2	22 51.0	22 532.0	12 43.2	22 503.3	18 22116	18 43913	05 829.3	18 43.4	22 30818	17 537.3
20 jun	5 53 39.2	28x53.4	05 03.5	23 542.1	13 56.4	22 541.6	18 21411	18 43513	05 831.7	18 43.4	22 29715	17 538.0
21 jun	5 57 35.8	29x50.7	17 05.4	24 549.2	15 09.7	23 519.9	18 20619	18 43113	05 834.1	18 43.5	22 28612	17 539.3
22 jun	6 1 32.3	00 547.9	28 60.0	25 553.0	16 22.9	23 558.1	17 25914	18 42712	05 836.4	18 43.4	22 27419	17 540.7
23 jun	6 5 28.9	01 545.2	10 51.2	26 553.7	17 36.2	24 536.4	17 25211	18 42311	05 838.6	18 43.4	22 26215	17 542.0
24 jun	6 9 25.4	02 542.4	22 43.5	27 551.1	18 49.5	25 514.6	17 24419	18 41910	05 840.8	18 43.3	22 25212	17 542.9
25 jun	6 13 22.0	03 539.6	04 41.3	28 545.0	20 02.8	25 552.8	17 23718	18 41418	05 843.0	18 43.2	22 24018	17 543!1
26 jun	6 17 18.5	04 536.9	16 49.4	29 535.5	21 16.1	26 531.0	17 23017	18 41016	05 845.2	18 43.1	22 22915	17 542!8
27 jun	6 21 15.1	05 534.1	29 12.1	00 422.3	22 29.5	27 509.2	17 22318	18 40613	05 847.3	18 42.9	22 21811	17 541!9
28 jun	6 25 11.7	06 531.3	11 55.3	01 405.5	23 42.8	27 547.4	17 21619	18 40210	05 849.4	18 42.7	22 20617	17 540!7
29 jun	6 29 8.2	07 528.5	24 855.8	01 444.8	24 56.2	28 525.6	17 21010	17 457!7	05 851.4	18 42.4	22 19513	17 539!3
30 jun	6 33 4.8	08 525.8	08 21.1	02 420.2	26 09.6	29 503.8	17 20313	17 453!4	05 853.4	18 42.2	22 18319	17 538!1

Declinação dos Astros

Tropical Ephemeris - sábado, 01 jun 2019 at noon, Greenwich SVP = 04x59.61 True Ayanamsa = 24d 07m 23s Julian Day = 2458636.0 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 38 44.7	22 n 03.0	12 n 30.5	25 n 06.7	16 n 43.8	24 n 10.3	22 s 30.4	21 s 37.7	12 n 37.3	05 s 25.6	21 s 51.0	22 n 12.5
02 jun	4 42 41.2	22 n 11.0	16 n 24.5	25 n 16.3	17 n 04.4	24 n 07.2	22 s 30.0	21 s 38.2	12 n 38.3	05 s 25.4	21 s 51.3	22 n 13.3
03 jun	4 46 37.8	22 n 18.5	19 n 32.1	25 n 23.2	17 n 24.6	24 n 03.9	22 s 29.5	21 s 38.7	12 n 39.2	05 s 25.2	21 s 51.5	22 n 13.9
04 jun	4 50 34.3	22 n 25.7	21 n 35.9	25 n 27.6	17 n 44.3	24 n 00.5	22 s 29.1	21 s 39.2	12 n 40.2	05 s 25.0	21 s 51.8	22 n 14.3
05 jun	4 54 30.9	22 n 32.5	22 n 21.6	25 n 29.7	18 n 03.6	23 56.9	22 s 28.7	21 s 39.7	12 n 41.1	05 s 24.8	21 s 52.1	22 n 14.5
06 jun	4 58 27.4	22 n 38.9	21 n 42.0	25 n 29.4	18 n 22.4	23 53.1	22 s 28.2	21 s 40.3	12 n 42.1	05 s 24.6	21 s 52.4	22 n 14.5
07 jun	5 2 24.0	22 n 44.9	19 n 38.7	25 n 26.9	18 n 40.8	23 49.1	22 s 27.7	21 s 40.8	12 n 43.0	05 s 24.5	21 s 52.6	22 n 14.4
08 jun	5 6 20.6	22 n 50.5	16 n 22.2	25 n 22.4	18 n 58.7	23 44.9	22 s 27.3	21 s 41.3	12 n 43.9	05 s 24.4	21 s 52.9	22 n 14.2
09 jun	5 10 17.1	22 n 55.7	12 n 08.3	25 n 15.9	19 n 16.1	23 40.6	22 s 26.8	21 s 41.9	12 n 44.8	05 s 24.2	21 s 53.2	22 n 14.0
10 jun	5 14 13.7	23 n 00.5	07 n 15.4	25 n 07.6	19 n 33.0	23 36.1	22 s 26.3	21 s 42.4	12 n 45.7	05 s 24.1	21 s 53.5	22 n 14.0
11 jun	5 18 10.2	23 n 04.9	02 n 01.7	24 57.6	19 n 49.4	23 31.4	22 s 25.9	21 s 43.0	12 n 46.6	05 s 24.0	21 s 53.8	22 n 14.1
12 jun	5 22 6.8	23 n 08.8	03 s 15.4	24 n 45.9	20 n 05.2	23 n 26.5	22 s 25.4	21 s 43.6	12 n 47.4	05 s 23.9	21 s 54.1	22 n 14.4
13 jun	5 26 3.3	23 n 12.4	08 s 19.3	24 n 32.8	20 n 20.5	23 n 21.4	22 s 24.9	21 s 44.1	12 n 48.3	05 s 23.9	21 s 54.4	22 n 14.8
14 jun	5 29 59.9	23 n 15.6	12 s 54.7	24 n 18.3	20 n 35.3	23 n 16.2	22 s 24.4	21 s 44.7	12 n 49.2	05 s 23.8	21 s 54.7	22 n 15.2
15 jun	5 33 56.4	23 n 18.3	16 s 47.3	24 n 02.6	20 n 49.5	23 n 10.8	22 s 23.9	21 s 45.3	12 n 50.0	05 s 23.8	21 s 55.0	22 n 15.7
16 jun	5 37 53.0	23 n 20.6	19 s 44.6	23 n 45.8	21 n 03.2	23 n 05.2	22 s 23.4	21 s 45.9	12 n 50.8	05 s 23.7	21 s 55.3	22 n 16.1
17 jun	5 41 49.6	23 n 22.6	21 s 37.7	23 n 27.9	21 n 16.3	22 n 59.5	22 s 22.9	21 s 46.5	12 n 51.6	05 s 23.7	21 s 55.6	22 n 16.4
18 jun	5 45 46.1	23 n 24.1	22 s 22.1	23 n 09.1	21 n 28.8	22 n 53.6	22 s 22.4	21 s 47.1	12 n 52.4	05 s 23.7	21 s 55.9	22 n 16.5
19 jun	5 49 42.7	23 n 25.2	21 s 58.5	22 n 49.6	21 n 40.7	22 n 47.5	22 s 21.9	21 s 47.7	12 n 53.2	05 s 23.7	21 s 56.2	22 n 16.5
20 jun	5 53 39.2	23 n 25.9	20 s 31.9	22 n 29.3	21 n 52.0	22 n 41.2	22 s 21.4	21 s 48.4	12 n 54.0	05 s 23.7	21 s 56.5	22 n 16.4
21 jun	5 57 35.8	23 n 26.1	18 s 10.9	22 n 08.5	22 n 02.7	22 n 34.8	22 s 20.9	21 s 49.0	12 n 54.8	05 s 23.8	21 s 56.8	22 n 16.3
22 jun	6 1 32.3	23 n 26.0	15 s 05.1	21 n 47.2	22 n 12.8	22 n 28.2	22 s 20.4	21 s 49.6	12 n 55.5	05 s 23.8	21 s 57.2	22 n 16.1
23 jun	6 5 28.9	23 n 25.4	11 s 24.0	21 n 25.5	22 n 22.2	22 n 21.5	22 s 19.9	21 s 50.2	12 n 56.2	05 s 23.9	21 s 57.5	22 n 15.9
24 jun	6 9 25.4	23 n 24.5	07 s 16.7	21 n 03.5	22 n 31.1	22 n 14.6	22 s 19.4	21 s 50.9	12 n 57.0	05 s 24.0	21 s 57.8	22 n 15.8
25 jun	6 13 22.0	23 n 23.1	02 s 51.3	20 n 41.3	22 n 39.3	22 n 07.5	22 s 18.9	21 s 51.5	12 n 57.7	05 s 24.0	21 s 58.1	22 n 15.8
26 jun	6 17 18.5	23 n 21.3	01 n 44.2	20 n 19.1	22 n 46.8	22 n 00.3	22 s 18.4	21 s 52.1	12 n 58.4	05 s 24.1	21 s 58.4	22 n 15.8
27 jun	6 21 15.1	23 n 19.1	06 n 21.0	19 n 57.0	22 n 53.7	21 n 52.9	22 s 17.9	21 s 52.8	12 n 59.1	05 s 24.2	21 s 58.8	22 n 15.9
28 jun	6 25 11.7	23 n 16.5	10 n 48.9	19 n 34.9	22 n 60.0	21 n 45.4	22 s 17.4	21 s 53.4	12 n 59.7	05 s 24.4	21 s 59.1	22 n 16.1
29 jun	6 29 8.2	23 n 13.5	14 n 55.0	19 n 13.1	23 n 05.5	21 n 37.7	22 s 16.9	21 s 54.1	13 n 00.4	05 s 24.5	21 s 59.4	22 n 16.3
30 jun	6 33 4.8	23 n 10.1	18 n 23.3	18 n 51.7	23 n 10.4	21 n 29.8	22 s 16.5	21 s 54.7	13 n 01.0	05 s 24.6	21 s 59.7	22 n 16.4

JULHO DE 2019

Longitude dos Astros

Tropical Ephemeris - segunda-feira, 01 jul 2019 at noon, Greenwich SVP = 04x59.54 True Ayanamsa = 24d 07m 27s
 Julian Day = 2458666.0 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 37 1.3	09S23.0	22R08.9	02R51.5	27R23.0	29S42.0	16L56!7	17W49!1	05R55.4	18X41!9	22W12!5	17S37!2
02 jul	6 40 57.9	10S20.2	06S17.1	03R18.6	28R36.5	00R20.2	16L50!2	17W44!7	05R57.3	18X41!5	22W11!1	17S36!8
03 jul	6 44 54.4	11S17.5	20S41.8	03R41.4	29R49.9	00R58.3	16L43!8	17W40!4	05R59.2	18X41!2	22W09!7	17S36.7
04 jul	6 48 51.0	12S14.7	05R17.6	03R59.7	01S03.4	01R36.5	16L37!5	17W36!0	06R01.0	18X40!8	22W08!2	17S36.9
05 jul	6 52 47.5	13S11.9	19R58.1	04R13.6	02S16.8	02R14.7	16L31!3	17W31!6	06R02.8	18X40!3	22W06!8	17S37.2
06 jul	6 56 44.1	14S09.1	04W37.1	04R22.8	03S30.3	02R52.8	16L25!3	17W27!2	06R04.5	18X39!9	22W05!4	17S37.6
07 jul	7 0 40.7	15S06.3	19W09.2	04R27.4	04S43.8	03R31.0	16L19!3	17W22!7	06R06.2	18X39!4	22W03!9	17S37.8
08 jul	7 4 37.2	16S03.5	03W29.8	04R27!2	05S57.3	04R09.1	16L13!5	17W18!3	06R07.9	18X38!9	22W02!5	17S38.0
09 jul	7 8 33.8	17S00.8	17W36.1	04R22!4	07S10.8	04R47.2	16L07!8	17W13!9	06R09.5	18X38!3	22W01!0	17S38!0
10 jul	7 12 30.3	17S58.0	01W26.5	04R12!8	08S24.4	05R25.3	16L02!3	17W09!5	06R11.1	18X37!7	21W59!6	17S38.0
11 jul	7 16 26.9	18S55.2	15W00.6	03R58!7	09S37.9	06R03.4	15L56!9	17W05!1	06R12.6	18X37!1	21W58!1	17S38.0
12 jul	7 20 23.4	19S52.4	28W18.6	03R40!2	10S51.5	06R41.6	15L51!6	17W00!6	06R14.1	18X36!5	21W56!6	17S38.2
13 jul	7 24 20.0	20S49.6	11L21.3	03R17!4	12S05.1	07R19.7	15L46!5	16W56!2	06R15.5	18X35!8	21W55!2	17S38.5
14 jul	7 28 16.5	21S46.8	24L09.8	02R50!6	13S18.7	07R57.8	15L41!6	16W51!8	06R16.9	18X35!1	21W53!7	17S38.9
15 jul	7 32 13.1	22S44.0	06W45.1	02R20!2	14S32.3	08R35.8	15L36!7	16W47!4	06R18.3	18X34!4	21W52!3	17S39.1
16 jul	7 36 9.7	23S41.2	19W08.6	01R46!6	15S46.0	09R13.9	15L32!1	16W43!1	06R19.6	18X33!6	21W50!8	17S39!2
17 jul	7 40 6.2	24S38.4	01W21.7	01R10!3	16S59.6	09R52.0	15L27!5	16W38!7	06R20.9	18X32!9	21W49!4	17S39!0
18 jul	7 44 2.8	25S35.6	13W25.8	00R31!8	18S13.3	10R30.1	15L23!2	16W34!4	06R22.1	18X32!1	21W47!9	17S38!5
19 jul	7 47 59.3	26S32.8	25W23.0	29S51!7	19S27.0	11R08.2	15L19!0	16W30!0	06R23.3	18X31!2	21W46!5	17S37!5
20 jul	7 51 55.9	27S30.1	07X15.5	29S10!8	20S40.7	11R46.2	15L14!9	16W25!7	06R24.4	18X30!4	21W45!0	17S36!2
21 jul	7 55 52.4	28S27.3	19W06.2	28S29!6	21S54.4	12R24.3	15L11!1	16W21!4	06R25.5	18X29!5	21W43!6	17S34!7
22 jul	7 59 49.0	29S24.6	00R58.4	27S49!0	23S08.2	13R02.4	15L07!4	16W17!2	06R26.5	18X28!5	21W42!1	17S33!3
23 jul	8 3 45.5	00R21.9	12R55.8	27S09!7	24S21.9	13R40.4	15L03!8	16W13!0	06R27.5	18X27!6	21W40!7	17S32!2
24 jul	8 7 42.1	01R19.1	25R02.5	26S32!3	25S35.7	14R18.5	15L00!4	16W08!7	06R28.4	18X26!6	21W39!2	17S31!5
25 jul	8 11 38.7	02R16.4	07R23.0	25S57!6	26S49.5	14R56.6	14L57!2	16W04!6	06R29.3	18X25!6	21W37!8	17S31.5
26 jul	8 15 35.2	03R13.8	20R01.3	25S26!3	28S03.4	15R34.7	14L54!2	16W00!4	06R30.1	18X24!6	21W36!4	17S32.1
27 jul	8 19 31.8	04R11.1	03R01.4	24S58!8	29S17.2	16R12.7	14L51!3	15W56!3	06R30.9	18X23!5	21W35!0	17S32.1
28 jul	8 23 28.3	05R08.4	16R26.2	24S35!9	00R31.1	16R50.8	14L48!7	15W52!3	06R31.7	18X22!5	21W33!5	17S34.4
29 jul	8 27 24.9	06R05.8	00S17.1	24S17!8	01R45.0	17R28.9	14L46!2	15W48!3	06R32.4	18X21!4	21W32!1	17S35.5
30 jul	8 31 21.4	07R03.2	14S33.4	24S05!2	02R58.9	18R07.0	14L43!8	15W44!3	06R33.0	18X20!3	21W30!7	17S36.1
31 jul	8 35 18.0	08R00.6	29S11.8	23S58!2	04R12.8	18R45.0	14L41!7	15W40!4	06R33.6	18X19!1	21W29!4	17S35!8

Declinação dos Astros

Tropical Ephemeris - segunda-feira, 01 jul 2019 at noon, Greenwich SVP = 04x59.54 True Ayanamsa = 24d 07m 27s
 Julian Day = 2458666.0 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 37 1.3	23n06.2	20n55.9	18n30.7	23n14.7	21n21.8	22s16.0	21s55.4	13n01.7	05s24.8	22s00.0	22n16.5
02 jul	6 40 57.9	23n02.0	22n14.9	18n10.3	23n18.3	21n13.7	22s15.5	21s56.0	13n02.3	05s25.0	22s00.4	22n16.6
03 jul	6 44 54.4	22n57.4	22n07.5	17n50.6	23n21.1	21n05.3	22s15.1	21s56.7	13n02.9	05s25.1	22s00.7	22n16.6
04 jul	6 48 51.0	22n52.3	20n30.2	17n31.7	23n23.3	20n56.9	22s14.6	21s57.3	13n03.5	05s25.3	22s01.0	22n16.6
05 jul	6 52 47.5	22n46.9	17n30.6	17n13.6	23n24.9	20n48.3	22s14.2	21s58.0	13n04.1	05s25.5	22s01.4	22n16.5
06 jul	6 56 44.1	22n41.1	13n25.0	16n56.6	23n25.7	20n39.5	22s13.7	21s58.6	13n04.6	05s25.8	22s01.7	22n16.5
07 jul	7 0 40.7	22n34.8	08n34.1	16n40.7	23n25.8	20n30.7	22s13.3	21s59.3	13n05.2	05s26.0	22s02.0	22n16.5
08 jul	7 4 37.2	22n28.2	03n19.0	16n26.0	23n25.3	20n21.6	22s12.9	21s59.9	13n05.7	05s26.2	22s02.3	22n16.4
09 jul	7 8 33.8	22n21.2	02s01.1	16n12.6	23n24.1	20n12.5	22s12.5	22s00.6	13n06.2	05s26.5	22s02.7	22n16.4
10 jul	7 12 30.3	22n13.8	07s09.1	16n00.6	23n22.1	20n03.1	22s12.1	22s01.2	13n06.7	05s26.7	22s03.0	22n16.4
11 jul	7 16 26.9	22n06.0	11s50.4	15n50.0	23n19.5	19n53.7	22s11.7	22s01.9	13n07.2	05s27.0	22s03.3	22n16.4
12 jul	7 20 23.4	21n57.9	15s51.8	15n41.1	23n16.2	19n44.1	22s11.4	22s02.5	13n07.7	05s27.3	22s03.7	22n16.4
13 jul	7 24 20.0	21n49.4	19s02.0	15n33.7	23n12.2	19n34.4	22s11.0	22s03.2	13n08.2	05s27.6	22s04.0	22n16.4
14 jul	7 28 16.5	21n40.5	21s11.9	15n28.1	23n07.5	19n24.5	22s10.7	22s03.8	13n08.6	05s27.9	22s04.3	22n16.3
15 jul	7 32 13.1	21n31.2	22s15.8	15n24.2	23n02.2	19n14.5	22s10.3	22s04.4	13n09.0	05s28.2	22s04.6	22n16.3
16 jul	7 36 9.7	21n21.6	22s12.3	15n21.9	22n56.1	19n04.4	22s10.0	22s05.1	13n09.4	05s28.6	22s05.0	22n16.3
17 jul	7 40 6.2	21n11.6	21s04.6	15n21.5	22n49.4	18n54.2	22s09.7	22s05.7	13n09.8	05s28.9	22s05.3	22n16.3
18 jul	7 44 2.8	21n01.2	18s59.5	15n22.7	22n42.0	18n43.8	22s09.4	22s06.3	13n10.2	05s29.3	22s05.6	22n16.4
19 jul	7 47 59.3	20n50.5	16s06.2	15n25.5	22n34.0	18n33.3	22s09.2	22s07.0	13n10.6	05s29.6	22s05.9	22n16.5
20 jul	7 51 55.9	20n39.4	12s34.6	15n30.0	22n25.2	18n22.7	22s08.9	22s07.6	13n10.9	05s30.0	22s06.3	22n16.7
21 jul	7 55 52.4	20n28.0	08s34.5	15n36.0	22n15.9	18n11.9	22s08.7	22s08.2	13n11.3	05s30.4	22s06.6	22n16.9
22 jul	7 59 49.0	20n16.3	04s14.9	15n43.4	22n05.8	18n01.1	22s08.5	22s08.8	13n11.6	05s30.8	22s06.9	22n17.1
23 jul	8 3 45.5	20n04.2	00n15.9	15n52.1	21n55.1	17n50.1	22s08.3	22s09.4	13n11.9	05s31.2	22s07.2	22n17.2
24 jul	8 7 42.1	19n51.8	04n49.4	16n01.9	21n43.8	17n39.0	22s08.1	22s10.0	13n12.2	05s31.6	22s07.6	22n17.3
25 jul	8 11 38.7	19n39.0	09n16.8	16n12.8	21n31.9	17n27.8	22s07.9	22s10.6	13n12.5	05s32.0	22s07.9	22n17.3
26 jul	8 15 35.2	19n25.9	13n27.3	16n24.6	21n19.3	17n16.4	22s07.8	22s11.2	13n12.7	05s32.5	22s08.2	22n17.2
27 jul	8 19 31.8	19n12.5	17n07.7	16n37.1	21n06.1	17n05.0	22s07.6	22s11.7	13n13.0	05s32.9	22s08.5	22n17.1
28 jul	8 23 28.3	18n58.8	20n01.8	16n50.2	20n52.2	16n53.4	22s07.5	22s12.3	13n13.2	05s33.3	22s08.8	22n16.9
29 jul	8 27 24.9	18n44.7	21n52.0	17n03.6	20n37.8	16n41.7	22s07.4	22s12.9	13n13.4	05s33.8	22s09.1	22n16.8
30 jul	8 31 21.4	18n30.4	22n21.8	17n17.2	20n22.8	16n29.9	22s07.3	22s13.4	13n13.6	05s34.3	22s09.5	22n16.7
31 jul	8 35 18.0	18n15.7	21n21.1	17n31.0	20n07.2	16n18.1	22s07.3	22s14.0	13n13.8	05s34.7	22s09.8	22n16.7

AGOSTO DE 2019

Longitude dos Astros

Tropical Ephemeris - quinta-feira, 01 ago 2019 at noon, Greenwich SVP = 04x59.47 True Ayanamsa = 24d 07m 31s
 Julian Day = 2458697.0 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 39 14.5	08 058.0	14 006.5	23 557.2	05 026.8	19 023.1	14 439.7	15 036.5	06 834.2	18 018.0	21 028.0	17 534.5
02 ago	8 43 11.1	09 055.4	29 009.5	24 502.4	06 040.8	20 001.2	14 438.0	15 032.6	06 834.7	18 016.8	21 026.6	17 532.3
03 ago	8 47 7.7	10 052.9	14 011.9	24 513.9	07 054.7	20 039.3	14 436.4	15 028.9	06 835.1	18 015.6	21 025.2	17 529.3
04 ago	8 51 4.2	11 050.3	29 004.9	24 531.9	09 008.7	21 017.4	14 435.0	15 025.1	06 835.5	18 014.3	21 023.9	17 526.2
05 ago	8 55 0.8	12 047.8	13 041.3	24 556.3	10 022.8	21 055.4	14 433.7	15 021.4	06 835.8	18 013.1	21 022.6	17 523.5
06 ago	8 58 57.3	13 045.2	27 056.4	25 527.3	11 036.8	22 033.5	14 432.7	15 017.8	06 836.1	18 011.8	21 021.2	17 521.5
07 ago	9 2 53.9	14 042.7	11 048.1	26 504.8	12 050.8	23 011.6	14 431.8	15 014.3	06 836.4	18 010.5	21 019.9	17 520.7
08 ago	9 6 50.4	15 040.2	25 016.5	26 548.8	14 004.9	23 049.7	14 431.2	15 010.7	06 836.6	18 009.2	21 018.6	17 521.0
09 ago	9 10 47.0	16 037.7	08 023.2	27 539.1	15 019.0	24 027.8	14 430.7	15 007.3	06 836.7	18 007.8	21 017.3	17 522.2
10 ago	9 14 43.5	17 035.2	21 011.1	28 535.7	16 033.0	25 005.9	14 430.4	15 003.9	06 836.8	18 006.5	21 016.0	17 523.8
11 ago	9 18 40.1	18 032.8	03 043.1	29 538.4	17 047.1	25 043.9	14 430.3	15 000.6	06 836.9	18 005.1	21 014.8	17 525.2
12 ago	9 22 36.7	19 030.3	16 002.3	00 047.1	19 001.3	26 022.0	14 430.4	14 597.4	06 836.9	18 003.7	21 013.5	17 525.9
13 ago	9 26 33.2	20 027.9	28 011.6	02 001.5	20 015.4	27 000.1	14 430.6	14 594.2	06 836.9	18 002.3	21 012.3	17 525.4
14 ago	9 30 29.8	21 025.5	10 013.4	03 021.4	21 029.5	27 038.2	14 431.1	14 591.1	06 836.8	18 000.9	21 011.1	17 523.2
15 ago	9 34 26.3	22 023.1	22 009.7	04 046.5	22 043.7	28 016.3	14 431.7	14 588.0	06 836.6	17 598.5	21 009.9	17 521.4
16 ago	9 38 22.9	23 020.7	04 002.6	06 016.6	23 057.9	28 054.4	14 432.5	14 585.1	06 836.4	17 597.0	21 008.7	17 521.1
17 ago	9 42 19.4	24 018.3	15 053.7	07 051.2	25 012.0	29 032.5	14 433.5	14 582.2	06 836.2	17 595.6	21 007.5	17 520.7
18 ago	9 46 16.0	25 016.0	27 045.1	09 030.1	26 026.2	00 010.6	14 434.7	14 579.3	06 835.9	17 594.1	21 006.4	17 520.7
19 ago	9 50 12.5	26 013.7	09 038.9	11 012.8	27 040.5	00 048.8	14 436.1	14 576.6	06 835.6	17 592.6	21 005.2	16 524.0
20 ago	9 54 9.1	27 011.4	21 037.7	12 058.9	28 054.7	01 026.9	14 437.6	14 573.9	06 835.2	17 591.1	21 004.1	16 548.1
21 ago	9 58 5.7	28 009.2	03 044.8	14 048.1	00 009.0	02 005.0	14 439.4	14 571.3	06 834.7	17 589.5	21 003.0	16 543.6
22 ago	10 2 2.2	29 006.9	16 003.6	16 039.8	01 023.2	02 043.1	14 441.3	14 568.8	06 834.2	17 587.9	21 001.9	16 540.9
23 ago	10 5 58.8	00 004.7	28 038.2	18 033.7	02 037.5	03 021.3	14 443.4	14 566.4	06 833.7	17 587.5	21 000.9	16 539.9
24 ago	10 9 55.3	01 002.6	11 032.8	20 029.3	03 051.8	03 059.4	14 445.7	14 564.0	06 833.1	17 587.1	20 599.8	16 540.4
25 ago	10 13 51.9	02 000.4	24 051.0	22 026.3	05 006.1	04 037.6	14 448.1	14 561.7	06 832.5	17 586.6	20 598.8	16 541.6
26 ago	10 17 48.4	03 058.3	08 035.6	24 024.3	06 020.5	05 015.8	14 450.8	14 559.6	06 831.8	17 586.2	20 597.8	16 542.6
27 ago	10 21 45.0	02 056.2	22 047.9	26 022.9	07 034.8	05 054.0	14 453.6	14 557.5	06 831.1	17 585.7	20 596.8	16 542.7
28 ago	10 25 41.5	04 054.2	07 026.3	28 021.8	08 049.2	06 032.2	14 456.6	14 555.6	06 830.3	17 585.1	20 595.9	16 541.1
29 ago	10 29 38.1	05 052.2	22 026.1	00 020.8	10 003.5	07 010.4	14 459.7	14 553.5	06 829.5	17 584.5	20 594.9	16 537.3
30 ago	10 33 34.6	06 050.2	07 039.6	02 019.7	11 017.9	07 048.6	14 463.1	14 551.7	06 828.7	17 583.8	20 593.9	16 531.5
31 ago	10 37 31.2	07 048.2	22 056.5	04 018.1	12 032.3	08 026.8	14 466.6	14 549.6	06 827.8	17 583.1	20 593.1	16 524.2

Declinação dos Astros

Tropical Ephemeris - quinta-feira, 01 ago 2019 at noon, Greenwich SVP = 04x59.47 True Ayanamsa = 24d 07m 31s
 Julian Day = 2458697.0 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 39 14.5	18 n 00.8	18 n 50.4	17 n 44.5	19 n 51.0	16 n 06.1	22 s 07.3	22 s 14.6	13 n 13.9	05 s 35.2	22 s 10.1	22 n 16.9
02 ago	8 43 11.1	17 n 45.5	15 n 01.8	17 n 57.8	19 n 34.2	15 n 54.0	22 s 07.3	22 s 15.1	13 n 14.1	05 s 35.7	22 s 10.4	22 n 17.2
03 ago	8 47 7.7	17 n 30.0	10 n 15.5	18 n 10.6	19 n 16.9	15 n 41.7	22 s 07.3	22 s 15.6	13 n 14.2	05 s 36.2	22 s 10.7	22 n 17.6
04 ago	8 51 4.2	17 n 14.2	04 n 55.4	18 n 22.8	18 n 59.1	15 n 29.4	22 s 07.3	22 s 16.2	13 n 14.3	05 s 36.7	22 s 11.0	22 n 18.0
05 ago	8 55 0.8	16 n 58.1	00 s 35.1	18 n 34.1	18 n 40.7	15 n 17.0	22 s 07.3	22 s 16.7	13 n 14.4	05 s 37.3	22 s 11.3	22 n 18.3
06 ago	8 58 57.3	16 n 41.7	05 s 55.8	18 n 44.4	18 n 21.7	15 n 04.5	22 s 07.4	22 s 17.2	13 n 14.5	05 s 37.8	22 s 11.6	22 n 18.6
07 ago	9 2 53.9	16 n 25.1	10 s 50.0	18 n 53.6	18 n 02.3	14 n 51.9	22 s 07.5	22 s 17.7	13 n 14.6	05 s 38.3	22 s 11.9	22 n 18.7
08 ago	9 6 50.4	16 n 08.2	15 s 03.9	19 n 01.3	17 n 42.4	14 n 39.2	22 s 07.6	22 s 18.2	13 n 14.6	05 s 38.9	22 s 12.2	22 n 18.6
09 ago	9 10 47.0	15 n 51.0	18 s 26.7	19 n 07.6	17 n 21.9	14 n 26.5	22 s 07.7	22 s 18.7	13 n 14.7	05 s 39.4	22 s 12.5	22 n 18.5
10 ago	9 14 43.5	15 n 33.6	20 s 50.0	19 n 12.0	17 n 01.0	14 n 13.6	22 s 07.9	22 s 19.2	13 n 14.7	05 s 40.0	22 s 12.7	22 n 18.3
11 ago	9 18 40.1	15 n 16.0	22 s 08.6	19 n 14.6	16 n 39.6	14 n 00.6	22 s 08.1	22 s 19.6	13 n 14.7	05 s 40.5	22 s 13.0	22 n 18.1
12 ago	9 22 36.7	14 n 58.1	22 s 20.8	19 n 15.1	16 n 17.7	13 n 47.6	22 s 08.3	22 s 20.1	13 n 14.7	05 s 41.1	22 s 13.3	22 n 18.0
13 ago	9 26 33.2	14 n 39.9	21 s 28.5	19 n 13.4	15 n 55.4	13 n 34.4	22 s 08.5	22 s 20.5	13 n 14.6	05 s 41.7	22 s 13.6	22 n 18.1
14 ago	9 30 29.8	14 n 21.5	19 s 37.4	19 n 09.2	15 n 32.6	13 n 21.2	22 s 08.7	22 s 21.0	13 n 14.6	05 s 42.2	22 s 13.9	22 n 18.4
15 ago	9 34 26.3	14 n 02.9	16 s 55.5	19 n 02.6	15 n 09.4	13 n 07.9	22 s 09.0	22 s 21.4	13 n 14.5	05 s 42.8	22 s 14.1	22 n 18.8
16 ago	9 38 22.9	13 n 44.1	13 s 32.5	18 n 53.4	14 n 45.8	12 n 54.5	22 s 09.3	22 s 21.9	13 n 14.4	05 s 43.4	22 s 14.4	22 n 19.5
17 ago	9 42 19.4	13 n 25.1	09 s 38.1	18 n 41.4	14 n 21.8	12 n 41.0	22 s 09.6	22 s 22.3	13 n 14.3	05 s 44.0	22 s 14.7	22 n 20.3
18 ago	9 46 16.0	13 n 05.8	05 s 21.9	18 n 26.8	13 n 57.4	12 n 27.4	22 s 09.9	22 s 22.7	13 n 14.2	05 s 44.6	22 s 14.9	22 n 21.2
19 ago	9 50 12.5	12 n 46.4	00 s 53.2	18 n 09.3	13 n 32.7	12 n 13.8	22 s 10.2	22 s 23.1	13 n 14.1	05 s 45.2	22 s 15.2	22 n 22.1
20 ago	9 54 9.1	12 n 26.7	03 n 39.5	17 n 49.1	13 n 07.5	12 n 00.1	22 s 10.6	22 s 23.5	13 n 14.0	05 s 45.8	22 s 15.5	22 n 22.8
21 ago	9 58 5.7	12 n 06.8	08 n 07.0	17 n 26.2	12 n 42.0	11 n 46.3	22 s 11.0	22 s 23.9	13 n 13.8	05 s 46.5	22 s 15.7	22 n 23.4
22 ago	10 2 2.2	11 n 46.8	12 n 19.7	17 n 00.6	12 n 16.1	11 n 32.5	22 s 11.4	22 s 24.2	13 n 13.6	05 s 47.1	22 s 16.0	22 n 23.7
23 ago	10 5 58.8	11 n 26.6	16 n 06.1	16 n 32.5	11 n 50.0	11 n 18.5	22 s 11.8	22 s 24.6	13 n 13.4	05 s 47.7	22 s 16.2	22 n 23.8
24 ago	10 9 55.3	11 n 06.1	19 n 13.0	16 n 02.0	11 n 23.4	11 n 04.5	22 s 12.2	22 s 24.9	13 n 13.2	05 s 48.3	22 s 16.5	22 n 23.8
25 ago	10 13 51.9	10 n 45.5	21 n 24.8	15 n 29.2	10 n 56.6	10 n 50.4	22 s 12.7	22 s 25.3	13 n 13.0	05 s 49.0	22 s 16.7	22 n 23.6
26 ago	10 17 48.4	10 n 24.8	22 n 25.8	14 n 54.4	10 n 29.5	10 n 36.3	22 s 13.2	22 s 25.6	13 n 12.8	05 s 49.6	22 s 16.9	22 n 23.5
27 ago	10 21 45.0	10 n 03.8	22 n 02.9	14 n 17.6	10 n 02.1	10 n 22.1	22 s 13.6	22 s 26.0	13 n 12.5	05 s 50.2	22 s 17.2	22 n 23.5
28 ago	10 25 41.5	09 n 42.7	20 n 10.3	13 n 39.1	09 n 34.4	10 n 07.8	22 s 14.2	22 s 26.3	13 n 12.5	05 s 50.9	22 s 17.4	22 n 23.7
29 ago	10 29 38.1	09 n 21.5	16 n 52.3	12 n 59.1	09 n 06.5	09 n 53.5	22 s 14.7	22 s 26.6	13 n 12.0	05 s 51.5	22 s 17.6	22 n 24.1
30 ago	10 33 34.6	09 n 00.1	12 n 23.5	12 n 17.6	08 n 38.3	09 n 39.1	22 s 15.2	22 s 26.9	13 n 11.7	05 s 52.1	22 s 17.9	22 n 24.9
31 ago	10 37 31.2	08 n 38.5	07 n 06.3	11 n 35.0	08 n 09.9	09 n 24.6	22 s 15.8	22 s 27.2	13 n 11.3	05 s 52.8	22 s 18.1	22 n 25.7

SETEMBRO DE 2019

Longitude dos Astros

Tropical Ephemeris - domingo, 01 set 2019 at noon, Greenwich SVP = 04x59.39 True Ayanamsa = 24d 07m 36s
 Julian Day = 2458728.0 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 41 27.8	08n46.2	08n05.9	06n16.0	13n46.7	09n05.0	15z10.3	14v08!3	06z26!8	17x33!1	20v52!3	16z51!3
02 set	10 45 24.3	09n44.3	22n58.0	08n13.2	15n01.1	09n43.2	15z14.2	14v06!7	06z25!8	17x31!5	20v51!4	16z50!9
03 set	10 49 20.9	10n42.4	07n25.6	10n09.6	16n15.6	10n21.5	15z18.2	14v05!3	06z24!7	17x29!8	20v50!6	16z50!3
04 set	10 53 17.4	11n40.5	21n25.3	12n05.1	17n30.0	10n59.7	15z22.4	14v03!9	06z23!7	17x28!2	20v49!8	15z59!1
05 set	10 57 14.0	12n38.7	04z56.4	13n59.6	18n44.4	11n38.0	15z26.8	14v02!6	06z22!5	17x26!6	20v49!0	15z57!2
06 set	11 1 10.5	13n36.9	18z01.2	15n53.1	19n58.9	12n16.2	15z31.3	14v01!4	06z21!3	17x24!9	20v48!3	15z57.0
07 set	11 5 7.1	14n35.1	00v43.3	17n45.5	21n13.3	12n54.5	15z36.0	14v00!3	06z20!1	17x23!3	20v47!5	15z57.7
08 set	11 9 3.6	15n33.3	13v07.1	19n36.7	22n27.8	13n32.8	15z40.9	13v59!3	06z18!9	17x21!6	20v46!8	15z58.4
09 set	11 13 0.2	16n31.5	25v17.1	21n26.9	23n42.3	14n11.1	15z46.0	13v58!4	06z17!6	17x20!0	20v46!2	15z58!0
10 set	11 16 56.8	17n29.8	07z17.5	23n15.9	24n56.7	14n49.4	15z51.2	13v57!6	06z16!2	17x18!3	20v45!5	15z58!7
11 set	11 20 53.3	18n28.1	19z11.9	25n03.8	26n11.2	15n27.7	15z56.5	13v56!9	06z14!8	17x16!7	20v44!9	15z59!9
12 set	11 24 49.9	19n26.4	01x03.4	26n50.5	27n25.7	16n06.0	16z02.0	13v56!3	06z13!4	17x15!0	20v44!3	15z59!4
13 set	11 28 46.4	20n24.8	12x54.3	28n36.1	28n40.2	16n44.3	16z07.7	13v55!7	06z11!9	17x13!4	20v43!7	15z59!6
14 set	11 32 43.0	21n23.2	24x46.5	00n20.6	29n54.7	17n22.7	16z13.5	13v55!3	06z10!4	17x11!7	20v43!2	15z59!9
15 set	11 36 39.5	22n21.6	06v41.3	02n04.0	01n09.2	18n01.0	16z19.5	13v55!0	06z08!9	17x10!1	20v42!6	15z59!4
16 set	11 40 36.1	23n20.0	18v40.4	03n46.3	02n23.7	18n39.4	16z25.7	13v54!8	06z07!3	17x08!4	20v42!1	14z57!0
17 set	11 44 32.6	24n18.5	00z45.1	05n27.6	03n38.2	19n17.7	16z31.9	13v54!6	06z05!6	17x06!8	20v41!7	14z58!8
18 set	11 48 29.2	25n17.0	12z57.4	07n07.8	04n52.7	19n56.1	16z38.4	13v54.6	06z04!0	17x05!1	20v41!2	14z58!6
19 set	11 52 25.8	26n15.6	25z19.7	08n46.9	06n07.2	20n34.5	16z45.0	13v54.6	06z02!3	17x03!5	20v40!8	14z58!3
20 set	11 56 22.3	27n14.2	07v55.0	10n25.1	07n21.8	21n12.9	16z51.7	13v54.8	06z00!6	17x01!9	20v40!4	14z58!5
21 set	12 0 18.9	28n12.8	20v46.9	12n02.2	08z36.3	21n51.4	16z58.6	13v55.1	05z58!8	17x00!3	20v40!1	14z58!9
22 set	12 4 15.4	29n11.5	03z58.8	13z38.3	09z50.9	22n29.8	17z05.6	13v55.4	05z57!0	16x58!7	20v39!7	14z58.8
23 set	12 8 12.0	00n10.2	17z34.2	15z13.5	11n05.4	23n08.3	17z12.8	13v55.9	05z55!1	16x57!1	20v39!4	14z58!9
24 set	12 12 8.5	01n08.9	01z35.1	16z47.7	12n20.0	23n46.8	17z20.1	13v56.4	05z53!3	16x55!5	20v39!2	14z58!4
25 set	12 16 5.1	02n07.7	16z01.9	18z21.0	13z34.5	24n25.2	17z27.5	13v57.1	05z51!4	16x53!9	20v38!9	14z58!1
26 set	12 20 1.6	03n06.5	00z52.0	19z53.3	14z49.1	25n03.7	17z35.1	13v57.8	05z49!4	16x52!3	20v38!7	14z58!5
27 set	12 23 58.2	04n05.4	15z59.2	21z24.7	16z03.7	25z42.3	17z42.8	13v58.7	05z47!5	16x50!7	20v38!5	14z58!2
28 set	12 27 54.8	05n04.3	01z14.5	22z55.2	17z18.3	26n20.8	17z50.7	13v59.6	05z45!5	16x49!2	20v38!4	13z58!9
29 set	12 31 51.3	06n03.2	16z26.9	24z24.7	18z32.9	26n59.3	17z58.7	14v00.7	05z43!4	16x47!6	20v38!2	13z58!6
30 set	12 35 47.9	07n02.1	01v25.4	25z53.3	19z47.4	27n37.9	18z06.8	14v01.8	05z41!4	16x46!1	20v38!1	13z58!8

Declinação dos Astros

Tropical Ephemeris - domingo, 01 set 2019 at noon, Greenwich SVP = 04x59.39 True Ayanamsa = 24d 07m 36s
 Julian Day = 2458728.0 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 41 27.8	08n16.8	01n25.9	10n51.3	07n41.2	09n10.1	22s16.4	22s27.4	13n11.0	05s53.4	22s18.3	22n26.7
02 set	10 45 24.3	07n55.0	04s13.0	10n06.7	07n12.4	08n55.6	22s17.0	22s27.7	13n10.7	05s54.1	22s18.5	22n27.6
03 set	10 49 20.9	07n33.1	09s29.1	09n21.3	06n43.3	08n40.9	22s17.6	22s28.0	13n10.3	05s54.7	22s18.7	22n28.3
04 set	10 53 17.4	07n11.0	14s05.4	08n35.4	06n14.0	08n26.3	22s18.2	22s28.2	13n09.9	05s55.4	22s18.9	22n28.8
05 set	10 57 14.0	06n48.8	17s48.7	07n48.9	05n44.6	08n11.5	22s18.9	22s28.4	13n09.6	05s56.1	22s19.1	22n29.0
06 set	11 1 10.5	06n26.5	20s30.4	07n02.1	05n15.0	07n56.7	22s19.5	22s28.7	13n09.2	05s56.7	22s19.3	22n29.0
07 set	11 5 7.1	06n04.1	22s05.3	06n14.9	04n45.3	07n41.9	22s20.2	22s28.9	13n08.7	05s57.4	22s19.5	22n28.9
08 set	11 9 3.6	05n41.6	22s32.2	05n27.6	04n15.4	07n27.0	22s20.9	22s29.1	13n08.3	05s58.0	22s19.7	22n28.8
09 set	11 13 0.2	05n19.0	21s53.4	04n40.2	03n45.4	07n12.1	22s21.6	22s29.3	13n07.9	05s58.7	22s19.9	22n28.9
10 set	11 16 56.8	04n56.4	20s14.4	03n52.7	03n15.3	06n57.1	22s22.3	22s29.5	13n07.4	05s59.3	22s20.1	22n29.2
11 set	11 20 53.3	04n33.6	17s42.8	03n05.3	02n45.1	06n42.1	22s23.0	22s29.7	13n06.9	05s60.0	22s20.2	22n29.7
12 set	11 24 49.9	04n10.8	14s27.6	02n17.9	02n14.8	06n27.1	22s23.8	22s29.8	13n06.5	05s60.6	22s20.4	22n30.6
13 set	11 28 46.4	03n47.9	10s38.2	01n30.7	01n44.4	06n12.0	22s24.5	22s30.0	13n06.0	05s61.3	22s20.6	22n31.7
14 set	11 32 43.0	03n24.9	06s24.1	00n43.7	01n13.9	05n56.9	22s25.3	22s30.1	13n05.5	05s61.9	22s20.7	22n33.1
15 set	11 36 39.5	03n01.9	01s54.9	00s03.0	00n43.4	05n41.7	22s26.1	22s30.3	13n04.9	05s62.6	22s20.9	22n34.5
16 set	11 40 36.1	02n38.8	02n40.2	00s49.5	00n12.9	05n26.5	22s26.8	22s30.4	13n04.4	05s63.2	22s21.0	22n35.9
17 set	11 44 32.6	02n15.6	07n11.7	01s35.6	00s17.7	05n11.2	22s27.6	22s30.5	13n03.9	05s63.9	22s21.2	22n37.1
18 set	11 48 29.2	01n52.4	11n29.6	02s21.4	00s48.3	04n56.0	22s28.4	22s30.6	13n03.3	05s64.5	22s21.3	22n38.1
19 set	11 52 25.8	01n29.2	15n22.9	03s06.8	01s18.9	04n40.7	22s29.2	22s30.7	13n02.7	05s65.1	22s21.5	22n38.8
20 set	11 56 22.3	01n05.9	18n39.3	03s51.7	01s49.5	04n25.3	22s30.0	22s30.8	13n02.1	05s65.8	22s21.6	22n39.2
21 set	12 0 18.9	00n42.6	21n05.4	04s36.2	02s20.1	04n10.0	22s30.9	22s30.9	13n01.5	05s66.4	22s21.7	22n39.4
22 set	12 4 15.4	00n19.3	22n27.6	05s20.3	02s50.6	03n54.6	22s31.7	22s30.9	13n00.9	05s67.0	22s21.9	22n39.4
23 set	12 8 12.0	00s04.1	22n33.5	06s03.8	03s21.2	03n39.2	22s32.5	22s31.0	13n00.3	05s67.7	22s22.0	22n39.4
24 set	12 12 8.5	00s27.4	21n15.6	06s46.8	03s51.6	03n23.7	22s33.4	22s31.0	12n59.7	05s68.3	22s22.1	22n39.5
25 set	12 16 5.1	00s50.8	18n33.3	07s29.2	04s22.0	03n08.3	22s34.2	22s31.0	12n59.1	05s68.9	22s22.2	22n39.8
26 set	12 20 1.6	01s14.2	14n34.8	08s11.0	04s52.3	02n52.8	22s35.1	22s31.1	12n58.4	05s69.5	22s22.3	22n40.4
27 set	12 23 58.2	01s37.5	09n36.1	08s52.3	05s22.5	02n37.3	22s36.0	22s31.1	12n57.8	05s70.1	22s22.4	22n41.3
28 set	12 27 54.8	02s00.9	03n59.4	09s32.9	05s52.7	02n21.7	22s36.8	22s31.1	12n57.1	05s70.7	22s22.6	22n42.4
29 set	12 31 51.3	02s24.2	01s50.6	10s12.9	06s22.7	02n06.2	22s37.7	22s31.1	12n56.4	05s71.3	22s22.6	22n43.5
30 set	12 35 47.9	02s47.5	07s29.3	10s52.2	06s52.5	01n50.6	22s38.6	22s31.0	12n55.7	05s71.9	22s22.7	22n44.6

OUTUBRO DE 2019

Longitude dos Astros

Tropical Ephemeris - terΨa-feira, 01 out 2019 at noon, Greenwich SVP = 04x59,31 True Ayanamsa = 24d 07m 40s
 Julian Day = 2458758,0 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 39 44,4	08±01,1	16 01,3	27±20,9	21±02,0	28 16,5	18 15,1	14 03,1	05 839!3	16 44!6	20 38!1	13 25!6
02 out	12 43 41,0	09±00,1	00 09,1	28±47,6	22±16,6	28 55,1	18 23,4	14 04,4	05 837!2	16 43!1	20 38!0	13 18!9
03 out	12 47 37,5	09±59,2	13 46,8	00 13,4	23±31,2	29 33,7	18 32,0	14 05,9	05 835!1	16 41!6	20 38,0	13 14!8
04 out	12 51 34,1	10±58,2	26 55,8	01 38,1	24±45,8	00±12,3	18 40,6	14 07,4	05 832!9	16 40!1	20 38,0	13 13!1
05 out	12 55 30,6	11±57,3	09 39,5	03 01,9	26±00,4	00±50,9	18 49,4	14 09,1	05 830!7	16 38!6	20 38,1	13 12!7
06 out	12 59 27,2	12±56,5	22 02,6	04 24,6	27±15,0	01±29,6	18 58,3	14 10,8	05 828!5	16 37!2	20 38,2	13 12!6
07 out	13 3 23,8	13±55,6	04 10,2	05 46,2	28±29,6	02±08,2	19 07,3	14 12,6	05 826!3	16 35!8	20 38,3	13 11!6
08 out	13 7 20,3	14±54,8	16 07,4	07 06,7	29±44,2	02±46,9	19 16,4	14 14,6	05 824!1	16 34!4	20 38,4	13 10!7
09 out	13 11 16,9	15±54,1	27 59,1	08 26,0	00 58,7	03±25,6	19 25,6	14 16,6	05 821!8	16 33!0	20 38,6	13 03!1
10 out	13 15 13,4	16±53,3	09 49,1	09 44,1	02 13,3	04±04,3	19 35,0	14 18,7	05 819!5	16 31!6	20 38,8	12 54!7
11 out	13 19 10,0	17±52,6	21 40,7	11 00,9	03 27,9	04±43,0	19 44,4	14 20,9	05 817!2	16 30!2	20 39,0	12 43!6
12 out	13 23 6,5	18±51,9	03 36,4	12 16,3	04 42,5	05±21,7	19 54,0	14 23,2	05 814!9	16 28!9	20 39,3	12 30!4
13 out	13 27 3,1	19±51,3	15 37,7	13 30,3	05 57,0	06±00,4	20 03,7	14 25,6	05 812!5	16 27!6	20 39,6	12 16!3
14 out	13 30 59,6	20±50,6	27 45,8	14 42,7	07 11,6	06±39,2	20 13,5	14 28,1	05 810!2	16 26!3	20 39,9	12 02!2
15 out	13 34 56,2	21±50,1	10 01,6	15 53,4	08 26,2	07±18,0	20 23,4	14 30,6	05 807!8	16 25!0	20 40,2	11 54!9
16 out	13 38 52,8	22±49,5	22 25,8	17 02,2	09 40,7	07±56,8	20 33,4	14 33,3	05 805!4	16 23!7	20 40,6	11 39!0
17 out	13 42 49,3	23±49,0	04 59,6	18 09,1	10 55,3	08±35,6	20 43,6	14 36,1	05 803!0	16 22!5	20 41,0	11 31!4
18 out	13 46 45,9	24±48,5	17 44,3	19 13,7	12 09,9	09±14,4	20 53,8	14 38,9	05 800!6	16 21!3	20 41,4	11 26!8
19 out	13 50 42,4	25±48,1	00 42,1	20 16,1	13 24,5	09±53,3	21 04,1	14 41,9	04 858!2	16 20!1	20 41,9	11 24!7
20 out	13 54 39,0	26±47,7	13 55,4	21 15,7	14 39,0	10±32,2	21 14,5	14 44,9	04 855!8	16 18!9	20 42,4	11 24,4
21 out	13 58 35,5	27±47,3	27 26,6	22 12,6	15 53,6	11±11,1	21 25,0	14 48,0	04 853!3	16 17!8	20 42,9	11 24,6
22 out	14 2 32,1	28±47,0	11 17,8	23 06,2	17 08,2	11±50,0	21 35,7	14 51,2	04 850!9	16 16!7	20 43,5	11 24!0
23 out	14 6 28,6	29±46,7	25 29,8	23 56,4	18 22,7	12±28,9	21 46,4	14 54,5	04 848!4	16 15!6	20 44,1	11 21!7
24 out	14 10 25,2	00 46,5	10 01,6	24 42,7	19 37,3	13±07,9	21 57,2	14 57,9	04 846!0	16 14!5	20 44,7	11 16!8
25 out	14 14 21,7	01 46,3	24 49,3	25 24,7	20 51,9	13±46,8	22 08,1	15 01,4	04 843!5	16 13!4	20 45,3	11 09!4
26 out	14 18 18,3	02 46,1	09 46,4	26 01,9	22 06,5	14±25,8	22 19,1	15 04,9	04 841!1	16 12!4	20 46,0	10 59!9
27 out	14 22 14,9	03 46,0	24 44,1	26 33,9	23 21,0	15±04,8	22 30,2	15 08,5	04 838!6	16 11!4	20 46,7	10 54!9
28 out	14 26 11,4	04 45,9	09 33,0	27 00,2	24 35,6	15±43,9	22 41,4	15 12,3	04 836!1	16 10!4	20 47,4	10 53!2
29 out	14 30 8,0	05 45,8	24 04,6	27 20,0	25 50,2	16±22,9	22 52,6	15 16,1	04 833!7	16 09!5	20 48,2	10 53!0
30 out	14 34 4,5	06 45,8	08 12,3	27 32,9	27 04,7	17±02,0	23 04,0	15 20,0	04 831!2	16 08!6	20 49,0	10 52!8
31 out	14 38 1,1	07 45,8	21 53,0	27 38,2	28 19,3	17±41,1	23 15,4	15 23,9	04 828!7	16 07!7	20 49,8	10 51!9

Declinação dos Astros

Tropical Ephemeris - terΨa-feira, 01 out 2019 at noon, Greenwich SVP = 04x59,31 True Ayanamsa = 24d 07m 40s
 Julian Day = 2458758,0 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 39 44,4	03 s 10,8	12 s 34,6	11 s 30,8	07 s 22,2	01 n 35,1	22 s 39,4	22 s 31,0	12 n 55,0	06 s 12,5	22 s 22,8	22 n 45,5
02 out	12 43 41,0	03 s 34,1	16 s 48,8	12 s 08,7	07 s 51,8	01 n 19,5	22 s 40,3	22 s 31,0	12 n 54,3	06 s 13,1	22 s 22,9	22 n 46,2
03 out	12 47 37,5	03 s 57,3	19 s 59,3	12 s 45,8	08 s 21,2	01 n 03,9	22 s 41,2	22 s 30,9	12 n 53,6	06 s 13,7	22 s 23,0	22 n 46,6
04 out	12 51 34,1	04 s 20,5	21 s 59,1	13 s 22,2	08 s 50,4	00 n 48,3	22 s 42,1	22 s 30,8	12 n 52,9	06 s 14,2	22 s 23,1	22 n 46,8
05 out	12 55 30,6	04 s 43,6	22 s 46,3	13 s 57,8	09 s 19,5	00 n 32,7	22 s 42,9	22 s 30,8	12 n 52,2	06 s 14,8	22 s 23,1	22 n 46,8
06 out	12 59 27,2	05 s 06,6	22 s 23,9	14 s 32,5	09 s 48,3	00 n 17,1	22 s 43,8	22 s 30,7	12 n 51,4	06 s 15,3	22 s 23,2	22 n 46,8
07 out	13 3 23,8	05 s 29,6	20 s 58,0	15 s 06,5	10 s 16,9	00 n 01,5	22 s 44,7	22 s 30,6	12 n 50,7	06 s 15,9	22 s 23,2	22 n 46,9
08 out	13 7 20,3	05 s 52,5	18 s 37,0	15 s 39,5	10 s 45,2	00 s 14,1	22 s 45,6	22 s 30,5	12 n 49,9	06 s 16,4	22 s 23,3	22 n 47,2
09 out	13 11 16,9	06 s 15,4	15 s 30,0	16 s 11,6	11 s 13,4	00 s 29,7	22 s 46,5	22 s 30,4	12 n 49,2	06 s 17,0	22 s 23,4	22 n 47,8
10 out	13 15 13,4	06 s 38,1	11 s 46,3	16 s 42,8	11 s 41,2	00 s 45,3	22 s 47,3	22 s 30,2	12 n 48,4	06 s 17,5	22 s 23,4	22 n 48,6
11 out	13 19 10,0	07 s 00,8	07 s 35,2	17 s 13,0	12 s 08,8	01 s 01,0	22 s 48,2	22 s 30,1	12 n 47,7	06 s 18,0	22 s 23,4	22 n 49,7
12 out	13 23 6,5	07 s 23,3	03 s 05,7	17 s 42,2	12 s 36,1	01 s 16,6	22 s 49,1	22 s 29,9	12 n 46,9	06 s 18,5	22 s 23,5	22 n 50,9
13 out	13 27 3,1	07 s 45,8	01 n 32,9	18 s 10,4	13 s 03,1	01 s 32,2	22 s 49,9	22 s 29,8	12 n 46,1	06 s 19,0	22 s 23,5	22 n 52,2
14 out	13 30 59,6	08 s 08,2	06 n 10,9	18 s 37,4	13 s 29,8	01 s 47,7	22 s 50,8	22 s 29,6	12 n 45,3	06 s 19,5	22 s 23,5	22 n 53,5
15 out	13 34 56,2	08 s 30,4	10 n 37,7	19 s 03,3	13 s 56,2	02 s 03,3	22 s 51,6	22 s 29,4	12 n 44,5	06 s 20,0	22 s 23,6	22 n 54,6
16 out	13 38 52,8	08 s 52,5	14 n 41,9	19 s 28,0	14 s 22,2	02 s 18,9	22 s 52,5	22 s 29,2	12 n 43,7	06 s 20,5	22 s 23,6	22 n 55,5
17 out	13 42 49,3	09 s 14,5	18 n 10,7	19 s 51,4	14 s 47,9	02 s 34,5	22 s 53,3	22 s 29,0	12 n 42,9	06 s 21,0	22 s 23,6	22 n 56,2
18 out	13 46 45,9	09 s 36,4	20 n 51,0	20 s 13,5	15 s 13,2	02 s 50,0	22 s 54,1	22 s 28,8	12 n 42,1	06 s 21,4	22 s 23,6	22 n 56,6
19 out	13 50 42,4	09 s 58,1	22 n 29,6	20 s 34,3	15 s 38,1	03 s 05,6	22 s 55,0	22 s 28,6	12 n 41,3	06 s 21,9	22 s 23,6	22 n 56,8
20 out	13 54 39,0	10 s 19,7	22 n 55,8	20 s 53,6	16 s 02,7	03 s 21,1	22 s 55,8	22 s 28,3	12 n 40,5	06 s 22,3	22 s 23,6	22 n 56,8
21 out	13 58 35,5	10 s 41,2	22 n 02,5	21 s 11,3	16 s 26,8	03 s 36,6	22 s 56,6	22 s 28,1	12 n 39,7	06 s 22,7	22 s 23,6	22 n 56,8
22 out	14 2 32,1	11 s 02,4	19 n 48,7	21 s 27,5	16 s 50,6	03 s 52,1	22 s 57,4	22 s 27,8	12 n 38,9	06 s 23,2	22 s 23,6	22 n 56,8
23 out	14 6 28,6	11 s 23,6	16 n 20,0	21 s 41,9	17 s 13,9	04 s 07,5	22 s 58,2	22 s 27,5	12 n 38,1	06 s 23,6	22 s 23,6	22 n 57,0
24 out	14 10 25,2	11 s 44,5	11 n 48,0	21 s 54,5	17 s 36,7	04 s 23,0	22 s 59,0	22 s 27,2	12 n 37,3	06 s 24,0	22 s 23,6	22 n 57,4
25 out	14 14 21,7	12 s 05,3	06 n 29,7	22 s 05,1	17 s 59,1	04 s 38,4	22 s 59,8	22 s 27,0	12 n 36,5	06 s 24,4	22 s 23,5	22 n 58,1
26 out	14 18 18,3	12 s 25,9	00 n 45,7	22 s 13,7	18 s 21,1	04 s 53,8	23 s 00,5	22 s 26,6	12 n 35,6	06 s 24,7	22 s 23,5	22 n 58,9
27 out	14 22 14,9	12 s 46,3	05 s 01,5	22 s 20,0	18 s 42,5	05 s 09,1	23 s 01,3	22 s 26,3	12 n 34,8	06 s 25,1	22 s 23,5	22 n 59,7
28 out	14 26 11,4	13 s 06,5	10 s 28,5	22 s 23,8	19 s 03,5	05 s 24,5	23 s 02,0	22 s 26,0	12 n 34,0	06 s 25,5	22 s 23,4	23 n 00,5
29 out	14 30 8,0	13 s 26,5	15 s 14,0	22 s 25,1	19 s 23,9	05 s 39,8	23 s 02,8	22 s 25,7	12 n 33,2	06 s 25,8	22 s 23,4	23 n 01,2
30 out	14 34 4,5	13 s 46,3	19 s 00,1	22 s 23,6	19 s 43,9	05 s 55,0	23 s 03,5	22 s 25,3	12 n 32,3	06 s 26,2	22 s 23,3	23 n 01,7
31 out	14 38 1,1	14 s 05,8	21 s 34,8	22 s 19,0	20 s 03,3	06 s 10,3	23 s 04,2	22 s 24,9	12 n 31,5	06 s 26,5	22 s 23,3	23 n 02,0

NOVEMBRO DE 2019

Longitude dos Astros

Tropical Ephemeris - sexta-feira, 01 nov 2019 at noon, Greenwich SVP = 04x59.23 True Ayanamsa = 24d 07m 45s
 Julian Day = 2458789.0 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 41 57.6	08h45.8	05h06.3	27h35.12	29h33.9	18h20.2	23h26.9	15h28.0	04h26.13	16h06.19	20h50.6	10h18.13
02 nov	14 45 54.2	09h45.8	17h54.3	27h23.15	00h48.4	18h59.3	23h38.5	15h32.1	04h23.18	16h06.10	20h51.5	10h18.4
03 nov	14 49 50.7	10h45.9	00h20.8	27h02.16	02h03.0	19h38.4	23h50.2	15h36.3	04h21.14	16h05.12	20h52.4	10h19.2
04 nov	14 53 47.3	11h46.0	12h30.7	26h32.11	03h17.5	20h17.6	24h02.0	15h40.6	04h18.19	16h04.15	20h53.3	10h19.16
05 nov	14 57 43.9	12h46.1	24h29.1	25h51.19	04h32.1	20h56.7	24h13.8	15h44.9	04h16.15	16h03.17	20h54.3	10h18.17
06 nov	15 1 40.4	13h46.3	06h21.3	25h02.12	05h46.6	21h35.9	24h25.7	15h49.4	04h14.11	16h03.10	20h55.3	10h15.18
07 nov	15 5 37.0	14h46.4	18h12.1	24h03.17	07h01.1	22h15.1	24h37.6	15h53.9	04h11.17	16h02.13	20h56.3	10h10.16
08 nov	15 9 33.5	15h46.6	00h05.7	22h57.12	08h15.6	22h54.3	24h49.7	15h58.5	04h09.13	16h01.17	20h57.3	10h03.12
09 nov	15 13 30.1	16h46.9	12h05.3	21h44.13	09h30.1	23h33.6	25h01.8	16h03.1	04h06.19	16h01.11	20h58.4	09h54.10
10 nov	15 17 26.6	17h47.1	24h13.7	20h26.18	10h44.6	24h12.8	25h14.0	16h07.8	04h04.15	16h00.15	20h59.5	09h43.19
11 nov	15 21 23.2	18h47.4	06h32.3	19h07.11	11h59.1	24h52.1	25h26.2	16h12.6	04h02.11	15h59.19	21h00.6	09h33.19
12 nov	15 25 19.7	19h47.7	19h02.1	17h47.16	13h13.6	25h31.4	25h38.5	16h17.5	03h59.18	15h59.14	21h01.7	09h24.18
13 nov	15 29 16.3	20h48.1	01h43.4	16h30.19	14h28.1	26h10.7	25h50.9	16h22.4	03h57.14	15h58.19	21h02.9	09h17.14
14 nov	15 33 12.9	21h48.4	14h36.1	15h19.16	15h42.5	26h50.1	26h03.4	16h27.4	03h55.11	15h58.15	21h04.1	09h12.13
15 nov	15 37 9.4	22h48.8	27h40.0	14h15.19	16h57.0	27h29.4	26h15.9	16h32.5	03h52.18	15h58.11	21h05.3	09h09.15
16 nov	15 41 6.0	23h49.3	10h55.2	13h21.15	18h11.5	28h08.8	26h28.4	16h37.6	03h50.16	15h57.17	21h06.5	09h08.9
17 nov	15 45 2.5	24h49.7	24h22.0	12h37.17	19h25.9	28h48.2	26h41.0	16h42.9	03h48.13	15h57.13	21h07.8	09h09.7
18 nov	15 48 59.1	25h50.2	08h00.9	12h05.14	20h40.4	29h27.7	26h53.7	16h48.1	03h46.11	15h57.10	21h09.1	09h11.1
19 nov	15 52 55.6	26h50.7	21h52.4	11h44.17	21h54.8	30h07.1	27h06.5	16h53.4	03h43.18	15h56.17	21h10.4	09h12.1
20 nov	15 56 52.2	27h51.3	05h56.5	11h35.17	23h09.2	30h46.6	27h19.2	16h58.8	03h41.16	15h56.14	21h11.7	09h11.19
21 nov	16 0 48.7	28h51.9	20h12.3	11h37.9	24h23.7	31h26.1	27h32.1	17h04.3	03h39.15	15h56.12	21h13.1	09h10.10
22 nov	16 4 45.3	29h52.5	04h37.4	11h50.6	25h38.1	32h05.6	27h45.0	17h09.8	03h37.13	15h56.10	21h14.4	09h06.13
23 nov	16 8 41.9	30h53.1	19h07.9	12h13.0	26h52.5	32h45.1	27h57.9	17h15.4	03h35.12	15h55.19	21h15.8	09h01.31
24 nov	16 12 38.4	01h53.8	03h38.4	12h44.4	28h06.9	33h24.7	28h10.9	17h21.0	03h33.11	15h55.17	21h17.3	08h55.12
25 nov	16 16 35.0	02h54.5	18h02.6	13h23.7	29h21.3	34h04.3	28h24.0	17h26.7	03h31.10	15h55.16	21h18.7	08h49.13
26 nov	16 20 31.5	03h55.2	02h14.4	14h10.1	30h35.7	34h43.9	28h37.0	17h32.4	03h29.10	15h55.16	21h20.2	08h44.12
27 nov	16 24 28.1	04h55.9	16h08.7	15h02.8	31h50.1	35h23.5	28h50.2	17h38.2	03h27.10	15h55.16	21h21.7	08h40.16
28 nov	16 28 24.6	05h56.7	29h41.9	16h01.0	33h04.5	36h03.2	29h03.4	17h44.1	03h25.10	15h55.6	21h23.2	08h38.17
29 nov	16 32 21.2	06h57.5	12h52.6	17h04.0	34h18.9	36h42.8	29h16.6	17h50.0	03h23.11	15h55.6	21h24.7	08h38.5
30 nov	16 36 17.7	07h58.3	25h41.4	18h11.1	35h33.2	37h22.5	29h29.8	17h56.0	03h21.12	15h55.7	21h26.3	08h39.5

Declinação dos Astros

Tropical Ephemeris - sexta-feira, 01 nov 2019 at noon, Greenwich SVP = 04x59.23 True Ayanamsa = 24d 07m 45s
 Julian Day = 2458789.0 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 41 57.6	14s25.2	22s52.5	22s11.2	20s22.1	06s25.5	23s04.9	22s24.6	12n30.7	06s26.8	22s23.2	23n02.2
02 nov	14 45 54.2	14s44.3	22s54.5	21s59.9	20s40.4	06s40.6	23s05.6	22s24.2	12n29.9	06s27.1	22s23.2	23n02.2
03 nov	14 49 50.7	15s03.1	21s47.1	21s44.9	20s58.1	06s55.7	23s06.2	22s23.8	12n29.1	06s27.4	22s23.1	23n02.1
04 nov	14 53 47.3	15s21.8	19s39.6	21s26.0	21s15.3	07s10.8	23s06.9	22s23.4	12n28.3	06s27.7	22s23.0	23n02.1
05 nov	14 57 43.9	15s40.1	16s42.8	21s03.0	21s31.8	07s25.8	23s07.5	22s22.9	12n27.5	06s27.9	22s23.0	23n02.1
06 nov	15 1 40.4	15s58.2	13s06.6	20s36.0	21s47.8	07s40.8	23s08.2	22s22.5	12n26.7	06s28.2	22s22.9	23n02.4
07 nov	15 5 37.0	16s16.1	09s00.7	20s05.1	22s03.1	07s55.7	23s08.8	22s22.1	12n25.9	06s28.4	22s22.8	23n02.8
08 nov	15 9 33.5	16s33.6	04s33.8	19s30.6	22s17.8	08s10.6	23s09.4	22s21.6	12n25.1	06s28.7	22s22.7	23n03.3
09 nov	15 13 30.1	16s50.9	00n05.6	18s53.0	22s31.9	08s25.5	23s09.9	22s21.1	12n24.3	06s28.9	22s22.6	23n04.0
10 nov	15 17 26.6	17s07.9	04n48.2	18s13.0	22s45.3	08s40.2	23s10.5	22s20.7	12n23.5	06s29.1	22s22.5	23n04.8
11 nov	15 21 23.2	17s24.6	09n24.0	17s31.6	22s58.1	08s55.0	23s11.0	22s20.2	12n22.7	06s29.3	22s22.4	23n05.5
12 nov	15 25 19.7	17s41.0	13n41.2	16s49.9	23s10.2	09s09.7	23s11.6	22s19.7	12n21.9	06s29.5	22s22.3	23n06.1
13 nov	15 29 16.3	17s57.1	17n26.4	16s09.1	23s21.6	09s24.3	23s12.1	22s19.1	12n21.1	06s29.6	22s22.2	23n06.7
14 nov	15 33 12.9	18s12.9	20n25.2	15s30.4	23s32.3	09s38.8	23s12.6	22s18.6	12n20.4	06s29.8	22s22.1	23n07.0
15 nov	15 37 9.4	18s28.4	22n23.3	14s55.0	23s42.4	09s53.3	23s13.0	22s18.1	12n19.6	06s29.9	22s22.0	23n07.2
16 nov	15 41 6.0	18s43.5	23n08.8	14s23.8	23s51.7	10s07.8	23s13.5	22s17.5	12n18.9	06s30.1	22s21.9	23n07.2
17 nov	15 45 2.5	18s58.4	22n34.7	13s57.3	24s00.4	10s22.1	23s13.9	22s17.0	12n18.1	06s30.2	22s21.8	23n07.2
18 nov	15 48 59.1	19s12.8	20n40.4	13s36.2	24s08.3	10s36.4	23s14.3	22s16.4	12n17.4	06s30.3	22s21.6	23n07.1
19 nov	15 52 55.6	19s27.0	17n32.0	13s20.5	24s15.5	10s50.7	23s14.7	22s15.8	12n16.6	06s30.4	22s21.5	23n07.0
20 nov	15 56 52.2	19s40.8	13n21.0	13s10.2	24s22.0	11s04.8	23s15.1	22s15.2	12n15.9	06s30.4	22s21.4	23n07.0
21 nov	16 0 48.7	19s54.2	08n22.4	13s05.1	24s27.7	11s18.9	23s15.5	22s14.6	12n15.2	06s30.5	22s21.3	23n07.2
22 nov	16 4 45.3	20s07.3	02n53.5	13s04.9	24s32.8	11s33.0	23s15.8	22s14.0	12n14.5	06s30.6	22s21.1	23n07.4
23 nov	16 8 41.9	20s20.0	02s46.7	13s09.2	24s37.0	11s46.9	23s16.1	22s13.4	12n13.8	06s30.6	22s21.0	23n07.8
24 nov	16 12 38.4	20s32.3	08s18.2	13s17.5	24s40.6	12s00.8	23s16.4	22s12.7	12n13.1	06s30.6	22s20.8	23n08.2
25 nov	16 16 35.0	20s44.2	13s20.7	13s29.3	24s43.4	12s14.6	23s16.7	22s12.1	12n12.4	06s30.6	22s20.7	23n08.6
26 nov	16 20 31.5	20s55.8	17s34.7	13s44.1	24s45.4	12s28.3	23s16.9	22s11.4	12n11.7	06s30.6	22s20.5	23n08.9
27 nov	16 24 28.1	21s07.0	20s43.9	14s01.6	24s46.7	12s41.9	23s17.2	22s10.7	12n11.1	06s30.6	22s20.4	23n09.1
28 nov	16 28 24.6	21s17.8	22s37.5	14s21.3	24s47.2	12s55.5	23s17.4	22s10.1	12n10.4	06s30.6	22s20.2	23n09.3
29 nov	16 32 21.2	21s28.1	23s11.8	14s42.7	24s47.0	13s08.9	23s17.6	22s09.4	12n09.8	06s30.5	22s20.0	23n09.3
30 nov	16 36 17.7	21s38.1	22s30.6	15s05.7	24s46.0	13s22.3	23s17.7	22s08.7	12n09.2	06s30.5	22s19.9	23n09.2

DEZEMBRO DE 2019

Longitude dos Astros

Tropical Ephemeris - domingo, 01 dez 2019 at noon, Greenwich SVP = 04x59.16 True Ayanamsa = 24d 07m 49s
 Julian Day = 2458819.0 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 40 14.3	08 59.1	08 10.4	19 21.7	06 47.6	08 02.2	29 43.1	18 02.0	03 8 19.3	15 55.8	21 27.8	08 41.2
02 dez	16 44 10.9	09 59.9	20 23.2	20 35.5	08 01.9	08 41.9	29 56.5	18 08.0	03 8 17.5	15 56.0	21 29.4	08 42.9
03 dez	16 48 7.4	11 00.8	02 24.2	21 51.9	09 16.2	09 21.7	00 09.8	18 14.1	03 8 15.7	15 56.2	21 31.1	08 44.2
04 dez	16 52 4.0	12 01.6	14 18.2	23 10.6	10 30.5	10 01.4	00 23.2	18 20.3	03 8 13.9	15 56.4	21 32.7	08 44.5
05 dez	16 56 0.5	13 02.5	26 10.0	24 31.3	11 44.8	10 41.2	00 36.7	18 26.5	03 8 12.1	15 56.7	21 34.3	08 43.7
06 dez	16 59 57.1	14 03.4	08 04.6	25 53.6	12 59.0	11 21.0	00 50.1	18 32.7	03 8 10.4	15 57.0	21 36.0	08 41.6
07 dez	17 3 53.6	15 04.3	20 06.3	27 17.3	14 13.3	12 00.8	01 03.6	18 39.0	03 8 08.8	15 57.3	21 37.7	08 38.6
08 dez	17 7 50.2	16 05.2	02 8 18.7	28 42.3	15 27.5	12 40.6	01 17.2	18 45.4	03 8 07.2	15 57.6	21 39.4	08 35.0
09 dez	17 11 46.7	17 06.1	14 8 44.7	00 08.3	16 41.7	13 20.5	01 30.7	18 51.7	03 8 05.6	15 58.0	21 41.1	08 31.3
10 dez	17 15 43.3	18 07.1	27 8 26.3	01 35.2	17 55.8	14 00.4	01 44.3	18 58.1	03 8 04.0	15 58.5	21 42.8	08 27.9
11 dez	17 19 39.9	19 08.0	10 8 24.2	03 02.9	19 10.0	14 40.3	01 57.9	19 04.6	03 8 02.5	15 58.9	21 44.6	08 25.3
12 dez	17 23 36.4	20 09.0	23 8 38.1	04 31.2	20 24.1	15 20.2	02 11.5	19 11.1	03 8 01.1	15 59.4	21 46.3	08 23.7
13 dez	17 27 33.0	21 10.0	07 8 06.8	06 00.1	21 38.2	16 00.1	02 25.2	19 17.6	02 8 59.7	15 60.0	21 48.1	08 23.1
14 dez	17 31 29.5	22 11.0	20 8 48.5	07 29.5	22 52.3	16 40.1	02 38.9	19 24.2	02 8 58.3	15 60.5	21 49.9	08 23.5
15 dez	17 35 26.1	23 12.0	04 8 40.7	08 59.4	24 06.4	17 20.1	02 52.6	19 30.8	02 8 57.0	15 61.1	21 51.7	08 24.4
16 dez	17 39 22.6	24 13.0	18 8 41.1	10 29.6	25 20.4	18 00.1	03 06.3	19 37.4	02 8 55.7	15 61.8	21 53.5	08 25.6
17 dez	17 43 19.2	25 14.1	02 8 47.3	12 00.2	26 34.5	18 40.1	03 20.0	19 44.1	02 8 54.4	15 62.5	21 55.4	08 26.7
18 dez	17 47 15.7	26 15.2	16 8 57.1	13 31.1	27 48.4	19 20.2	03 33.7	19 50.8	02 8 53.2	15 63.2	21 57.2	08 27.4
19 dez	17 51 12.3	27 16.2	01 8 08.3	15 02.3	29 02.4	20 00.3	03 47.5	19 57.5	02 8 52.1	15 63.9	21 59.1	08 27.5
20 dez	17 55 8.9	28 17.3	15 8 18.9	16 33.7	00 16.4	20 40.4	04 01.3	20 04.2	02 8 50.9	15 64.7	22 00.9	08 27.1
21 dez	17 59 5.4	29 18.4	29 8 26.4	18 05.4	01 30.3	21 20.5	04 15.1	20 11.0	02 8 49.9	15 65.5	22 02.8	08 26.3
22 dez	18 3 2.0	00 19.6	13 8 28.5	19 37.4	02 44.2	22 00.6	04 28.9	20 17.8	02 8 48.9	15 66.3	22 04.7	08 25.2
23 dez	18 6 58.5	01 20.7	27 8 22.4	21 09.5	03 58.0	22 40.8	04 42.7	20 24.7	02 8 47.9	15 67.2	22 06.6	08 24.3
24 dez	18 10 55.1	02 21.8	11 8 05.4	22 42.0	05 11.9	23 21.0	04 56.5	20 31.5	02 8 47.0	15 68.1	22 08.5	08 23.5
25 dez	18 14 51.6	03 23.0	24 8 35.2	24 14.6	06 25.7	24 01.2	05 10.3	20 38.4	02 8 46.1	15 69.0	22 10.4	08 23.1
26 dez	18 18 48.2	04 24.1	07 8 49.7	25 47.5	07 39.5	24 41.5	05 24.2	20 45.3	02 8 45.3	15 70.0	22 12.4	08 22.9
27 dez	18 22 44.7	05 25.3	20 8 48.0	27 20.6	08 53.2	25 21.7	05 38.0	20 52.3	02 8 44.5	15 71.0	22 14.3	08 23.0
28 dez	18 26 41.3	06 26.5	03 8 29.7	28 54.0	10 06.9	26 02.0	05 51.8	20 59.2	02 8 43.8	15 72.0	22 16.3	08 23.2
29 dez	18 30 37.8	07 27.6	15 8 55.9	00 27.7	11 20.6	26 42.3	06 05.6	21 06.2	02 8 43.1	15 73.1	22 18.2	08 23.4
30 dez	18 34 34.4	08 28.8	28 8 08.4	02 01.6	12 34.2	27 22.6	06 19.5	21 13.2	02 8 42.5	15 74.2	22 20.2	08 23.4
31 dez	18 38 31.0	09 30.0	10 8 10.3	03 35.8	13 47.8	28 02.9	06 33.3	21 20.2	02 8 41.9	15 75.3	22 22.1	08 23.3

Declinação dos Astros

Tropical Ephemeris - domingo, 01 dez 2019 at noon, Greenwich SVP = 04x59.16 True Ayanamsa = 24d 07m 49s
 Julian Day = 2458819.0 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 40 14.3	21 s 47.7	20 s 42.6	15 s 29.7	24 s 44.3	13 s 35.6	23 s 17.9	22 s 07.9	12 n 08.6	06 s 30.4	22 s 19.7	23 n 09.1
02 dez	16 44 10.9	21 s 56.8	17 s 59.5	15 s 54.7	24 s 41.8	13 s 48.7	23 s 18.0	22 s 07.2	12 n 07.9	06 s 30.3	22 s 19.5	23 n 09.0
03 dez	16 48 7.4	22 s 05.5	14 s 33.1	16 s 20.2	24 s 38.6	14 s 01.8	23 s 18.1	22 s 06.5	12 n 07.4	06 s 30.2	22 s 19.4	23 n 08.9
04 dez	16 52 4.0	22 s 13.8	10 s 34.3	16 s 46.2	24 s 34.6	14 s 14.8	23 s 18.2	22 s 05.7	12 n 06.8	06 s 30.1	22 s 19.2	23 n 08.9
05 dez	16 56 0.5	22 s 21.6	06 s 12.6	17 s 12.3	24 s 29.9	14 s 27.7	23 s 18.2	22 s 05.0	12 n 06.2	06 s 30.0	22 s 19.0	23 n 08.9
06 dez	16 59 57.1	22 s 29.1	01 s 36.3	17 s 38.5	24 s 24.5	14 s 40.5	23 s 18.2	22 s 04.2	12 n 05.7	06 s 29.8	22 s 18.8	23 n 09.1
07 dez	17 3 53.6	22 s 36.0	03 n 06.2	18 s 04.6	24 s 18.2	14 s 53.2	23 s 18.2	22 s 03.4	12 n 05.1	06 s 29.7	22 s 18.6	23 n 09.3
08 dez	17 7 50.2	22 s 42.6	07 n 46.1	18 s 30.4	24 s 11.3	15 s 05.7	23 s 18.2	22 s 02.6	12 n 04.6	06 s 29.5	22 s 18.4	23 n 09.5
09 dez	17 11 46.7	22 s 48.7	12 n 12.8	18 s 55.9	24 s 03.7	15 s 18.2	23 s 18.2	22 s 01.8	12 n 04.1	06 s 29.3	22 s 18.2	23 n 09.7
10 dez	17 15 43.3	22 s 54.3	16 n 13.6	19 s 20.9	23 s 55.3	15 s 30.6	23 s 18.1	22 s 01.0	12 n 03.6	06 s 29.2	22 s 18.0	23 n 09.9
11 dez	17 19 39.9	22 s 59.5	19 n 33.6	19 s 45.3	23 s 46.2	15 s 42.8	23 s 18.0	22 s 00.2	12 n 03.1	06 s 28.9	22 s 17.8	23 n 10.1
12 dez	17 23 36.4	23 s 04.2	21 n 56.5	20 s 09.2	23 s 36.4	15 s 55.0	23 s 17.9	21 s 59.3	12 n 02.6	06 s 28.7	22 s 17.6	23 n 10.2
13 dez	17 27 33.0	23 s 08.5	23 n 07.7	20 s 32.3	23 s 25.8	16 s 07.0	23 s 17.8	21 s 58.5	12 n 02.1	06 s 28.5	22 s 17.4	23 n 10.3
14 dez	17 31 29.5	23 s 12.3	22 n 56.9	20 s 54.7	23 s 14.6	16 s 18.9	23 s 17.6	21 s 57.6	12 n 01.7	06 s 28.2	22 s 17.2	23 n 10.2
15 dez	17 35 26.1	23 s 15.7	21 n 21.6	21 s 16.2	23 s 02.7	16 s 30.7	23 s 17.4	21 s 56.7	12 n 01.3	06 s 28.0	22 s 17.0	23 n 10.2
16 dez	17 39 22.6	23 s 18.6	18 n 28.0	21 s 36.9	22 s 50.2	16 s 42.4	23 s 17.2	21 s 55.9	12 n 00.9	06 s 27.7	22 s 16.8	23 n 10.1
17 dez	17 43 19.2	23 s 21.0	14 n 28.6	21 s 56.6	22 s 36.9	16 s 54.0	23 s 17.0	21 s 55.0	12 n 00.5	06 s 27.4	22 s 16.6	23 n 10.0
18 dez	17 47 15.7	23 s 23.0	09 n 40.3	22 s 15.4	22 s 23.0	17 s 05.4	23 s 16.7	21 s 54.1	12 n 00.1	06 s 27.1	22 s 16.4	23 n 10.0
19 dez	17 51 12.3	23 s 24.5	04 n 20.9	22 s 33.2	22 s 08.5	17 s 16.7	23 s 16.4	21 s 53.2	11 n 59.7	06 s 26.8	22 s 16.2	23 n 10.0
20 dez	17 55 8.9	23 s 25.5	01 s 11.7	22 s 49.9	21 s 53.3	17 s 27.9	23 s 16.1	21 s 52.3	11 n 59.4	06 s 26.5	22 s 15.9	23 n 10.0
21 dez	17 59 5.4	23 s 26.1	06 s 39.5	23 s 05.6	21 s 37.4	17 s 38.9	23 s 15.8	21 s 51.3	11 n 59.0	06 s 26.2	22 s 15.7	23 n 10.1
22 dez	18 3 2.0	23 s 26.1	11 s 45.2	23 s 20.2	21 s 21.0	17 s 49.9	23 s 15.4	21 s 50.4	11 n 58.7	06 s 25.8	22 s 15.5	23 n 10.1
23 dez	18 6 58.5	23 s 25.8	16 s 11.4	23 s 33.6	21 s 03.9	18 s 00.7	23 s 15.0	21 s 49.4	11 n 58.4	06 s 25.5	22 s 15.3	23 n 10.2
24 dez	18 10 55.1	23 s 24.9	19 s 41.9	23 s 45.8	20 s 46.3	18 s 11.3	23 s 14.6	21 s 48.5	11 n 58.1	06 s 25.1	22 s 15.0	23 n 10.2
25 dez	18 14 51.6	23 s 23.6	22 s 03.8	23 s 56.9	20 s 28.0	18 s 21.8	23 s 14.2	21 s 47.5	11 n 57.8	06 s 24.7	22 s 14.8	23 n 10.3
26 dez	18 18 48.2	23 s 21.8	23 s 09.2	24 s 06.8	20 s 09.2	18 s 32.2	23 s 13.7	21 s 46.6	11 n 57.6	06 s 24.3	22 s 14.6	23 n 10.3
27 dez	18 22 44.7	23 s 19.5	22 s 57.2	24 s 15.4	19 s 49.8	18 s 42.4	23 s 13.2	21 s 45.6	11 n 57.4	06 s 23.9	22 s 14.3	23 n 10.3
28 dez	18 26 41.3	23 s 16.8	21 s 33.4	24 s 22.7	19 s 29.9	18 s 52.5	23 s 12.7	21 s 44.6	11 n 57.1	06 s 23.5	22 s 14.1	23 n 10.2
29 dez	18 30 37.8	23 s 13.6	19 s 08.2	24 s 28.8	19 s 09.4	19 s 02.5	23 s 12.2	21 s 43.6	11 n 56.9	06 s 23.0	22 s 13.9	23 n 10.2
30 dez	18 34 34.4	23 s 09.9	15 s 54.3	24 s 33.5	18 s 48.4	19 s 12.3	23 s 11.7	21 s 42.6	11 n 56.8	06 s 22.6	22 s 13.6	23 n 10.2
31 dez	18 38 31.0	23 s 05.8	12 s 03.9	24 s 36.9	18 s 26.9	19 s 21.9	23 s 11.1	21 s 41.6	11 n 56.6	06 s 22.1	22 s 13.4	23 n 10.2