

# EFEMÉRIDES CIENTÍFICA E SIMPLIFICADA - ROSACRUZ

## CALCULADA PARA O MEIO-DIA DE GREENWICH

### JANEIRO DE 2011

LONGITUDES													DECLINAÇÕES												
Tropical Ephemeris - s 8bado, 01 Jan 2011 at noon, Greenwich SVP = 05 X 06,06 True Ayanamsa = 24d 00m 55s Julian Day = 2455563.0													Tropical Ephemeris - s 8bado, 01 Jan 2011 at noon, Greenwich SVP = 05 X 06,06 True Ayanamsa = 24d 00m 55s Julian Day = 2455563.0												
Long.	Sidereal Time	Sun	Moon	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	N. Node	Dec1.	Sidereal Time	Sun	Moon	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	N. Node
	h m s	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "		h m s	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
01 Jan	18 43 10.0	10 v 42.8	05 v 57.4	19 v 58.5	24 m 02.6	18 v 45.8	26 v 37.1	16 v 40.8	26 v 58.0	26 v 45.0	05 v 20.9	02 v 46.1	01 Jan	18 43 10.0	23 s 00.3	23 s 39.0	20 s 16.7	15 s 23.2	23 s 06.4	02 s 30.3	04 s 19.7	01 s 52.9	13 s 03.0	18 s 49.6	23 s 24.5
02 Jan	18 47 6.6	11 v 43.9	19 v 15.6	20 v 21.0	25 m 00.8	19 v 32.3	26 v 45.3	16 v 43.3	26 v 59.4	26 v 46.7	05 v 23.1	02 v 46.8	02 Jan	18 47 6.6	22 s 55.2	24 s 14.2	20 s 25.0	15 s 36.7	23 s 00.1	02 s 26.8	04 s 20.4	01 s 52.3	13 s 02.4	18 s 49.6	23 s 24.5
03 Jan	18 51 3.1	12 v 45.1	02 v 20.6	20 v 50.5	25 m 59.4	20 v 18.8	26 v 52.6	16 v 45.8	27 v 00.8	26 v 48.4	05 v 25.2	02 v 47.2	03 Jan	18 51 3.1	22 s 49.6	23 s 27.4	20 s 34.4	15 s 50.2	22 s 53.5	02 s 23.3	04 s 21.1	01 s 51.7	13 s 01.8	18 s 49.6	23 s 24.5
04 Jan	18 54 59.7	13 v 46.3	15 v 12.2	21 v 26.3	26 m 58.5	21 v 05.4	27 v 02.1	16 v 48.1	27 v 02.3	26 v 50.2	05 v 27.4	02 v 47.1	04 Jan	18 54 59.7	22 s 43.5	21 s 26.4	20 s 44.6	16 s 03.6	22 s 46.7	02 s 19.7	04 s 21.7	01 s 51.1	13 s 01.2	18 s 49.6	23 s 24.5
05 Jan	18 58 56.2	14 v 47.5	27 v 50.1	22 v 07.7	27 m 58.1	21 v 51.9	27 v 10.7	16 v 50.4	27 v 03.8	26 v 52.0	05 v 29.5	02 v 46.4	05 Jan	18 58 56.2	22 s 37.0	18 s 23.9	20 s 55.4	16 s 17.0	22 s 39.5	02 s 16.1	04 s 22.3	01 s 50.4	13 s 00.6	18 s 49.6	23 s 24.5
06 Jan	19 2 52.8	15 v 48.7	10 v 15.0	22 v 54.2	28 m 58.1	22 v 38.6	27 v 19.5	16 v 52.5	27 v 05.4	26 v 53.8	05 v 31.6	02 v 45.1	06 Jan	19 2 52.8	22 s 30.1	14 s 34.7	21 s 06.5	16 s 30.3	22 s 32.2	02 s 12.4	04 s 22.9	01 s 49.8	13 s 00.0	18 s 49.6	23 s 24.6
07 Jan	19 6 49.4	16 v 49.8	22 v 27.9	23 v 45.2	29 m 58.6	23 v 25.2	27 v 28.4	16 v 54.6	27 v 07.0	26 v 55.7	05 v 33.8	02 v 43.2	07 Jan	19 6 49.4	22 s 22.7	10 s 13.0	21 s 17.9	16 s 43.4	22 s 24.5	02 s 08.7	04 s 23.4	01 s 49.1	12 s 59.4	18 s 49.6	23 s 24.6
08 Jan	19 10 45.9	17 v 51.0	04 v 30.9	24 v 40.2	00 v 59.5	24 v 11.9	27 v 37.5	16 v 56.5	27 v 08.6	26 v 57.5	05 v 35.9	02 v 40.9	08 Jan	19 10 45.9	22 s 14.8	05 s 31.8	21 s 29.2	16 s 56.4	22 s 16.6	02 s 04.9	04 s 23.9	01 s 48.4	12 s 58.7	18 s 49.6	23 s 24.6
09 Jan	19 14 42.5	18 v 52.2	16 v 26.7	25 v 38.7	02 v 00.7	24 v 58.6	27 v 46.7	16 v 58.3	27 v 10.3	26 v 59.4	05 v 38.0	02 v 38.7	09 Jan	19 14 42.5	22 s 06.6	00 s 41.6	21 s 40.4	17 s 09.3	22 s 08.5	02 s 01.0	04 s 24.3	01 s 47.7	12 s 58.1	18 s 49.5	23 s 24.7
10 Jan	19 18 39.0	19 v 53.3	28 v 18.6	26 v 40.5	03 v 02.3	25 v 45.3	27 v 56.0	17 v 00.1	27 v 12.0	27 v 01.3	05 v 40.1	02 v 36.9	10 Jan	19 18 39.0	21 s 57.9	04 m 08.3	21 s 51.3	17 s 22.0	22 s 00.1	01 s 57.1	04 s 24.7	01 s 47.0	12 s 57.4	18 s 49.5	23 s 24.7
11 Jan	19 22 35.6	20 v 54.5	10 v 10.8	27 v 45.1	04 v 04.4	26 v 32.1	28 v 05.5	17 v 01.7	27 v 13.8	27 v 03.2	05 v 42.2	02 v 35.7	11 Jan	19 22 35.6	21 s 48.7	08 m 49.2	22 s 01.9	17 s 34.5	21 s 51.5	01 s 53.2	04 s 25.1	01 s 46.2	12 s 56.8	18 s 49.5	23 s 24.7
12 Jan	19 26 32.1	21 v 55.6	22 v 07.8	28 v 52.3	05 v 06.7	27 v 16.9	28 v 15.1	17 v 03.2	27 v 15.7	27 v 05.2	05 v 44.3	02 v 35.9	12 Jan	19 26 32.1	21 s 39.2	17 m 12.6	22 s 11.9	17 s 46.8	21 s 42.6	01 s 49.2	04 s 25.4	01 s 45.5	12 s 56.1	18 s 49.5	23 s 24.8
13 Jan	19 30 28.7	22 v 56.7	04 v 14.4	00 v 01.8	06 v 09.4	28 v 05.7	28 v 24.8	17 v 04.6	27 v 17.5	27 v 07.1	05 v 46.4	02 v 35.8	13 Jan	19 30 28.7	21 s 29.2	17 m 08.5	22 s 21.3	17 s 58.9	21 s 39.5	01 s 45.1	04 s 25.7	01 s 44.7	12 s 55.5	18 s 49.4	23 s 24.7
14 Jan	19 34 25.2	23 v 57.8	16 v 35.3	01 v 13.4	07 v 12.5	28 v 52.6	28 v 34.6	17 v 05.9	27 v 19.4	27 v 09.1	05 v 48.5	02 v 36.9	14 Jan	19 34 25.2	21 s 18.8	20 m 25.1	22 s 30.0	18 s 10.8	21 s 24.1	01 s 41.1	04 s 25.9	01 s 43.9	12 s 54.8	18 s 49.4	23 s 24.7
15 Jan	19 38 21.8	24 v 58.9	29 v 14.8	02 v 26.8	08 v 15.8	29 v 39.4	28 v 44.6	17 v 07.1	27 v 21.4	27 v 11.1	05 v 50.6	02 v 38.3	15 Jan	19 38 21.8	21 s 08.0	22 m 49.7	22 s 38.0	18 s 22.4	21 s 14.5	01 s 36.9	04 s 26.1	01 s 43.1	12 s 54.1	18 s 49.4	23 s 24.7
16 Jan	19 42 18.3	26 v 00.0	12 v 16.6	03 v 41.9	09 v 19.5	00 v 26.3	28 v 54.7	17 v 08.2	27 v 23.4	27 v 13.1	05 v 52.6	02 v 39.5	16 Jan	19 42 18.3	20 s 56.8	24 m 04.7	22 s 45.1	18 s 33.7	21 s 04.6	01 s 32.7	04 s 26.3	01 s 42.3	12 s 53.4	18 s 49.3	23 s 24.7
17 Jan	19 46 14.9	27 v 01.1	25 v 42.8	04 v 58.5	10 v 23.5	01 v 13.3	29 v 04.9	17 v 09.2	27 v 25.5	27 v 15.1	05 v 54.7	02 v 39.9	17 Jan	19 46 14.9	20 s 45.2	24 m 00.2	22 s 51.3	18 s 44.7	20 s 54.6	01 s 28.5	04 s 26.4	01 s 41.4	12 s 52.7	18 s 49.3	23 s 24.7
18 Jan	19 50 11.5	28 v 02.2	09 v 33.8	06 v 16.6	11 v 27.7	02 v 00.2	29 v 15.2	17 v 10.1	27 v 27.5	27 v 17.1	05 v 56.7	02 v 39.3	18 Jan	19 50 11.5	20 s 33.2	22 m 27.8	22 s 56.6	18 s 55.5	20 s 44.2	01 s 24.2	04 s 26.5	01 s 40.6	12 s 52.0	18 s 49.2	23 s 24.7
19 Jan	19 54 8.0	29 v 03.2	23 v 47.8	07 v 36.0	12 v 32.3	02 v 47.2	29 v 25.7	17 v 10.9	27 v 29.7	27 v 19.2	05 v 58.7	02 v 37.3	19 Jan	19 54 8.0	20 s 20.8	19 m 28.7	23 s 00.9	19 s 05.9	20 s 33.7	01 s 19.9	04 s 26.5	01 s 39.7	12 s 51.3	18 s 49.2	23 s 24.7
20 Jan	19 58 4.6	00 v 04.3	08 v 20.4	08 v 56.5	13 v 37.1	03 v 34.2	29 v 36.2	17 v 11.5	27 v 31.8	27 v 21.3	06 v 00.8	02 v 34.0	20 Jan	19 58 4.6	20 s 08.0	15 m 13.6	23 s 04.1	19 s 16.0	20 s 22.9	01 s 15.5	04 s 26.5	01 s 38.8	12 s 50.6	18 s 49.1	23 s 24.8
21 Jan	20 2 1.1	01 v 05.3	23 v 05.2	10 v 18.2	14 v 42.2	04 v 21.2	29 v 46.9	17 v 12.1	27 v 34.0	27 v 23.4	06 v 02.8	02 v 29.6	21 Jan	20 2 1.1	19 s 54.9	10 m 00.6	23 s 06.3	19 s 25.7	20 s 11.9	01 s 11.1	04 s 26.4	01 s 37.9	12 s 49.9	18 s 49.1	23 s 24.9
22 Jan	20 5 57.7	02 v 06.4	07 m 54.5	11 v 40.9	15 v 47.6	05 v 08.3	29 v 57.7	17 v 12.6	27 v 36.3	27 v 25.4	06 v 04.7	02 v 24.8	22 Jan	20 5 57.7	19 s 41.4	04 m 12.1	23 s 07.3	19 s 35.1	20 s 00.7	01 s 06.7	04 s 26.4	01 s 37.0	12 s 49.2	18 s 49.0	23 s 24.9
23 Jan	20 9 54.2	03 v 07.4	22 m 40.2	13 v 04.6	16 v 53.2	05 v 55.3	00 v 08.6	17 v 12.9	27 v 38.6	27 v 27.6	06 v 06.7	02 v 20.0	23 Jan	20 9 54.2	19 s 27.5	01 s 48.4	23 s 07.2	19 s 44.1	19 s 49.2	01 s 02.2	04 s 26.2	01 s 36.0	12 s 48.5	18 s 49.0	23 s 25.0
24 Jan	20 13 50.8	04 v 08.4	07 v 15.8	14 v 29.3	17 v 59.0	06 v 42.4	00 v 19.6	17 v 13.1	27 v 40.9	27 v 29.7	06 v 08.7	02 v 15.9	24 Jan	20 13 50.8	19 s 13.3	07 s 39.6	23 s 06.0	19 s 52.7	19 s 37.6	00 s 57.6	04 s 26.1	01 s 35.1	12 s 47.7	18 s 48.9	23 s 25.1
25 Jan	20 17 47.3	05 v 09.4	21 v 36.2	15 v 54.8	19 v 05.1	07 v 29.6	00 v 30.7	17 v 13.3	27 v 43.2	27 v 31.8	06 v 10.6	02 v 13.0	25 Jan	20 17 47.3	18 s 58.7	12 s 58.4	23 s 03.5	20 s 00.9	19 s 25.7	00 s 53.1	04 s 25.8	01 s 34.1	12 s 47.0	18 s 48.9	23 s 25.2
26 Jan	20 21 43.9	06 v 10.4	05 m 38.7	17 v 21.2	20 v 11.4	08 v 16.7	00 v 41.9	17 v 13.3	27 v 45.6	27 v 34.0	06 v 12.6	02 v 11.5	26 Jan	20 21 43.9	18 s 43.7	17 s 30.1	22 s 59.8	20 s 08.7	19 s 13.6	00 s 48.4	04 s 25.6	01 s 33.1	12 s 46.3	18 s 48.8	23 s 25.2
27 Jan	20 25 40.5	07 v 11.4	19 m 22.6	18 v 48.4	21 v 17.9	09 v 03.9	00 v 53.2	17 v 13.2	27 v 48.1	27 v 36.1	06 v 14.5	02 v 11.4	27 Jan	20 25 40.5	18 s 28.4	20 s 59.0	22 s 54.9	20 s 16.1	19 s 01.3	00 s 43.8	04 s 25.3	01 s 32.1	12 s 45.5	18 s 48.8	23 s 25.2
28 Jan	20 29 37.0	08 v 12.4	02 v 48.5	20 v 16.4	22 v 24.7	09 v 51.1	01 v 04.6	17 v 13.0	27 v 50.5	27 v 38.3	06 v 16.4	02 v 12.3	28 Jan	20 29 37.0	18 s 12.8	23 s 14.2	22 s 48.7	20 s 23.0	18 s 48.7	00 s 39.1	04 s 25.0	01 s 31.1	12 s 44.8	18 s 48.7	23 s 25.2
29 Jan	20 33 33.6	09 v 13.3	15 v 58.0	21 v 45.2	23 v 31.6	10 v 38.3	01 v 16.1	17 v 12.7	27 v 53.0	27 v 40.5	06 v 18.3	02 v 13.7	29 Jan	20 33 33.6	17 s 56.8	24 s 09.5	22 s 41.3	20 s 29.5	18 s 36.0	00 s 34.4	04 s 24.6	01 s 30.1	12 s 44.0	18 s 48.6	23 s 25.1
30 Jan	20 37 30.1	10 v 14.3	28 v 53.1	23 v 14.8	24 v 38.8	11 v 25.5	01 v 27.7	17 v 12.3	27 v 55.6	27 v 42.7	06 v 20.2	02 v 14.7	30 Jan	20 37 30.1	17 s 40.5	23 s 44.8	22 s 32.6	20 s 35.5	18 s 23.1	00 s 29.6	04 s 24.2	01 s 29.1	12 s 43.3	18 s 48.6	23 s 25.1
31 Jan	20 41 26.7	11 v 15.3	11 v 35.6	24 v 45.1	25 v 46.1	12 v 12.7	01 v 39.4	17 v 11.8	27 v 58.2	27 v 44.9	06 v 22.0	02 v 14.7	31 Jan	20 41 26.7	17 s 23.9	22 s 06.0	22 s 22.6	20 s 41.0	18 s 10.0	00 s 24.8	04 s 23.7	01 s 28.0	12 s 42.5	18 s 48.5	23 s 25.1

## FEVEREIRO DE 2011

Tropical Ephemeris - ter Psi-Feira, 01 fev 2011 at noon, Greenwich SVP = 05 X05.99 True Ayanamsa = 24d 00m 59s Julian Day = 2455594.0													Tropical Ephemeris - ter Psi-Feira, 01 fev 2011 at noon, Greenwich SVP = 05 X05.99 True Ayanamsa = 24d 00m 59s Julian Day = 2455594.0												
Long.	Sidereal Time	Sun	Moon	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	N. Node	Decl.	Sidereal Time	Sun	Moon	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	N. Node
	h m s													h m s											
01 fev	20 45 23.2	12 22 16.2	24 v07.1	26 v016.1	26 v53.6	12 22 60.0	01 v51.2	17 v112	28 X00.8	27 22 47.1	06 v23.9	02 v0131	01 fev	20 45 23.2	17 s07.0	19 s23.5	22 s11.2	20 s46.0	17 s56.6	00 s20.0	04 s23.2	01 s27.0	12 s41.8	18 s48.4	23 s25.2
02 fev	20 49 19.8	13 22 17.1	06 22 28.8	27 v47.9	28 v01.2	13 22 47.3	02 v03.1	17 v104	28 X03.4	27 22 49.3	06 v25.7	02 v0096	02 fev	20 49 19.8	16 s49.8	15 s50.2	21 s58.5	20 s50.6	17 s43.1	00 s15.1	04 s22.7	01 s25.9	12 s41.0	18 s48.3	23 s25.2
03 fev	20 53 16.3	14 22 18.0	18 22 41.9	29 v20.4	29 v09.1	14 22 34.5	02 v15.1	17 v096	28 X06.1	27 22 51.5	06 v27.5	02 v0042	03 fev	20 53 16.3	16 s32.3	11 s39.7	21 s44.5	20 s54.6	17 s39.4	00 s10.2	04 s22.1	01 s24.8	12 s40.2	18 s48.3	23 s25.3
04 fev	20 57 12.9	15 22 18.9	00 X47.3	00 X53.6	00 v07.1	15 22 21.9	02 v27.1	17 v086	28 X08.8	27 22 53.8	06 v29.3	01 v0573	04 fev	20 57 12.9	16 s14.5	07 s04.8	21 s29.2	20 s58.2	17 s15.5	00 s05.3	04 s21.5	01 s23.7	12 s39.5	18 s48.2	23 s25.4
05 fev	21 1 9.5	16 22 19.7	12 X46.2	02 22 27.6	01 v25.2	16 22 09.2	02 v39.3	17 v076	28 X11.5	27 22 56.0	06 v31.0	01 v0496	05 fev	21 1 9.5	15 s56.5	02 s17.1	21 s12.5	21 s01.2	17 s01.5	00 s00.3	04 s20.9	01 s22.6	12 s38.7	18 s48.1	23 s25.5
06 fev	21 5 6.0	17 22 20.6	24 X40.1	04 22 02.3	02 v33.5	16 22 56.5	02 v51.5	17 v065	28 X14.3	27 22 58.3	06 v32.8	01 v0420	06 fev	21 5 6.0	15 s38.1	02 n33.1	20 s54.5	21 s07.7	16 s47.2	00 n04.6	04 s20.2	01 s21.5	12 s37.9	18 s48.1	23 s25.6
07 fev	21 9 2.6	18 22 21.4	06 v31.4	05 22 37.8	03 v42.0	17 22 43.8	03 v03.8	17 v052	28 X17.1	28 22 00.5	06 v34.5	01 v0353	07 fev	21 9 2.6	15 s19.5	07 n16.5	20 s35.0	21 s05.7	16 s32.8	00 n09.7	04 s19.4	01 s20.3	12 s37.2	18 s48.0	23 s25.7
08 fev	21 12 59.1	19 22 22.2	18 v22.8	07 22 14.0	04 v50.5	18 22 31.2	03 v16.2	17 v038	28 X19.9	28 22 02.8	06 v36.2	01 v0302	08 fev	21 12 59.1	15 s00.7	11 n44.1	20 s14.2	21 s07.1	16 s18.2	00 n14.7	04 s18.7	01 s19.2	12 s36.4	18 s47.9	23 s25.8
09 fev	21 16 55.7	20 22 23.0	00 01 17.9	08 22 51.0	05 v59.2	19 22 18.5	03 v28.7	17 v024	28 X22.8	28 22 05.0	06 v37.9	01 v0270	09 fev	21 16 55.7	14 s41.5	15 n46.6	19 s52.1	21 s08.1	16 s03.4	00 n19.8	04 s17.9	01 s18.0	12 s35.6	18 s47.8	23 s25.9
10 fev	21 20 52.2	21 22 23.7	12 v21.1	10 22 28.8	07 v08.1	20 22 05.9	03 v41.3	17 v008	28 X25.6	28 22 07.3	06 v39.5	01 v0258	10 fev	21 20 52.2	14 s22.2	19 n13.7	19 s28.5	21 s08.4	15 s48.5	00 n24.9	04 s17.0	01 s16.9	12 s34.8	18 s47.7	23 s25.8
11 fev	21 24 48.3	22 22 24.4	24 v37.0	12 22 07.4	08 v17.1	20 22 53.2	03 v55.9	16 v592	28 X28.6	28 22 09.6	06 v41.2	01 v026.0	11 fev	21 24 48.3	14 s02.6	21 n54.0	19 s03.5	21 s08.1	15 s33.4	00 n30.0	04 s16.2	01 s15.7	12 s34.1	18 s47.7	23 s25.8
12 fev	21 28 45.3	23 22 25.1	07 X10.5	13 22 46.8	09 v26.1	21 22 40.6	04 v06.6	16 v574	28 X31.5	28 22 11.9	06 v42.8	01 v026.8	12 fev	21 28 45.3	13 s42.7	23 n34.8	18 s37.2	21 s07.4	15 s18.1	00 n35.2	04 s15.3	01 s14.5	12 s33.3	18 s47.6	23 s25.8
13 fev	21 32 41.9	24 22 25.8	20 X06.5	15 22 27.1	10 v35.4	22 22 28.0	04 v19.4	16 v555	28 X34.5	28 22 14.1	06 v44.4	01 v027.4	13 fev	21 32 41.9	13 s22.7	24 n04.0	18 s09.5	21 s06.0	15 s02.7	00 n40.4	04 s14.3	01 s13.3	12 s32.5	18 s47.5	23 s25.8
14 fev	21 36 38.5	25 22 26.4	03 22 15.7	17 22 09.2	11 v44.7	23 22 15.4	04 v32.2	16 v538	28 X37.4	28 22 16.4	06 v46.0	01 v0268	14 fev	21 36 38.5	13 s02.4	23 n12.1	17 s40.3	21 s04.1	14 s47.1	00 n45.6	04 s13.3	01 s12.1	12 s31.7	18 s47.4	23 s25.8
15 fev	21 40 35.0	26 22 27.0	17 22 19.9	18 22 50.1	12 v54.1	24 22 02.7	04 v45.1	16 v515	28 X40.5	28 22 18.7	06 v47.5	01 v0242	15 fev	21 40 35.0	12 s41.9	20 n55.0	17 s09.8	21 s01.7	14 s31.4	00 n50.8	04 s12.3	01 s10.9	12 s30.9	18 s47.3	23 s25.8
16 fev	21 44 31.6	27 22 27.6	01 v39.5	20 22 32.9	14 v03.7	24 22 50.1	04 v58.1	16 v494	28 X43.5	28 22 21.0	06 v49.1	01 v0192	16 fev	21 44 31.6	12 s21.2	17 n16.3	16 s37.8	20 s58.6	14 s15.5	00 n56.1	04 s11.3	01 s09.6	12 s30.2	18 s47.2	23 s25.9
17 fev	21 48 28.1	28 22 28.1	16 v24.5	22 22 16.6	15 v13.3	25 22 37.5	05 v11.1	16 v471	28 X46.5	28 22 23.3	06 v50.6	01 v0119	17 fev	21 48 28.1	12 s00.1	12 n28.1	16 s04.5	20 s55.0	13 s59.5	01 n01.3	04 s10.2	01 s08.4	12 s29.4	18 s47.1	23 s25.9
18 fev	21 52 24.7	29 22 28.7	01 m28.2	24 22 01.2	16 v23.1	26 22 24.9	05 v24.2	16 v448	28 X49.6	28 22 25.5	06 v52.0	01 v0027	18 fev	21 52 24.7	11 s39.3	06 n49.3	15 s29.7	20 s50.8	13 s43.4	01 n06.6	04 s09.1	01 s07.2	12 s28.6	18 s47.1	23 s26.0
19 fev	21 56 21.2	00 X29.2	16 v41.0	25 22 46.7	17 v33.0	27 22 12.3	05 v37.4	16 v424	28 X52.7	28 22 27.8	06 v53.5	00 v525	19 fev	21 56 21.2	11 s18.0	00 n43.7	14 s53.6	20 s46.1	13 s27.1	01 n12.0	04 s07.9	01 s05.9	12 s27.8	18 s47.0	23 s26.1
20 fev	22 0 17.8	01 X29.7	01 v52.0	27 22 33.1	18 v43.0	27 22 59.7	05 v50.6	16 v398	28 X55.8	28 22 30.1	06 v54.9	00 v423	20 fev	22 0 17.8	10 s56.6	05 s23.3	14 s16.1	20 s40.7	13 s10.7	01 n17.3	04 s06.8	01 s04.6	12 s27.0	18 s46.9	23 s26.2
21 fev	22 4 14.3	02 X30.1	16 v51.1	29 22 20.5	19 v53.0	28 22 47.1	06 v30.9	16 v372	28 X58.9	28 22 32.4	06 v56.0	00 v332	21 fev	22 4 14.3	10 s35.0	11 s07.3	13 s37.2	20 s34.8	12 s54.1	01 n22.7	04 s05.6	01 s03.4	12 s26.3	18 s46.8	23 s26.2
22 fev	22 8 10.9	03 X30.3	01 m30.3	01 X08.8	21 v03.2	29 22 34.5	06 v17.3	16 v345	29 X01.2	28 22 34.7	06 v57.1	00 v258	22 fev	22 8 10.9	10 s13.2	16 s04.3	12 s56.9	20 s28.3	12 s37.5	01 n28.0	04 s04.3	01 s02.1	12 s25.5	18 s46.7	23 s26.2
23 fev	22 12 7.5	04 X30.9	15 v44.8	02 X57.9	22 v13.5	00 X21.9	06 v30.7	16 v318	29 X05.3	28 22 36.9	06 v59.1	01 v0110	23 fev	22 12 7.5	09 s51.2	19 s58.2	12 s15.2	20 s21.2	12 s20.7	01 n33.4	04 s03.0	01 s00.8	12 s24.7	18 s46.6	23 s26.2
24 fev	22 16 4.0	05 X31.3	29 v33.2	04 X48.0	23 v23.8	01 X09.2	06 v44.1	16 v289	29 X08.5	28 22 39.2	07 v00.4	00 v184	24 fev	22 16 4.0	09 s29.2	22 s36.1	11 s32.3	20 s17.6	12 s03.8	01 n38.8	04 s01.7	00 s59.5	12 s23.9	18 s46.5	23 s26.2
25 fev	22 20 0.6	06 X31.7	12 v56.7	06 X39.0	24 v34.3	01 X56.6	06 v57.7	16 v259	29 X11.8	28 22 41.5	07 v01.7	00 v177	25 fev	22 20 0.6	09 s06.9	23 s51.1	10 s20.5	20 s05.4	11 s46.7	01 n44.3	04 s00.4	00 s58.2	12 s23.1	18 s46.4	23 s26.3
26 fev	22 23 57.1	07 X32.0	25 v44.8	08 X30.8	25 v44.8	02 X44.0	07 v11.2	16 v229	29 X15.0	28 22 43.7	07 v02.0	00 v179.9	26 fev	22 23 57.1	08 s44.6	23 s46.2	10 s02.4	19 s56.6	11 s29.6	01 n49.7	03 s59.1	00 s56.9	12 s22.4	18 s46.3	23 s26.3
27 fev	22 27 53.7	08 X32.3	08 v40.9	10 X23.5	26 v55.4	03 X31.4	07 v24.8	16 v198	29 X18.2	28 22 46.0	07 v04.2	00 v18.0	27 fev	22 27 53.7	08 s22.1	22 s25.4	09 s15.6	19 s47.2	11 s12.3	01 n55.2	03 s57.7	00 s55.6	12 s21.6	18 s46.3	23 s26.3
28 fev	22 31 50.2	09 X32.6	21 v09.0	12 X16.9	28 v06.1	04 X18.8	07 v38.5	16 v166	29 X21.5	28 22 48.2	07 v05.5	00 v168	28 fev	22 31 50.2	07 s59.4	19 s59.9	08 s27.5	19 s37.3	10 s55.0	02 n00.7	03 s56.3	00 s54.3	12 s20.8	18 s46.2	23 s26.3

## MARÇO DE 2011

Tropical Ephemeris - ter Psi-Feira, 01 mar 2011 at noon, Greenwich SVP = 05 X05.94 True Ayanamsa = 24d 01m 03s Julian Day = 2455622.0													Tropical Ephemeris - ter Psi-Feira, 01 mar 2011 at noon, Greenwich SVP = 05 X05.94 True Ayanamsa = 24d 01m 03s Julian Day = 2455622.0												
Long.	Sidereal Time	Sun	Moon	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	N. Node	Decl.	Sidereal Time	Sun	Moon	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	N. Node
	h m s													h m s											
01 mar	22 35 46.8	10 X32.9	03 22 25.8	14 v11.0	29 v16.9	05 X06.2	07 v52.2	16 v133	29 X24.8	28 22 50.5	07 v06.7	00 v0135	01 mar	22 35 46.8	07 s36.7	16 s42.1	07 s38.3	19 s26.8	10 s37.5	02 n06.2	03 s54.8	00 s53.0	12 s20.0	18 s46.1	23 s26.3
02 mar	22 39 43.3	11 X33.1	15 22 34.0	16 X05.7	00 22 27.7	05 X53.6	08 v06.0	16 v096	29 X28.1	28 22 52.7	07 v07.8	00 v0075	02 mar	22 39 43.3	07 s13.8	12 s44.5	06 s48.9	19 s15.8	10 s19.9	02 n11.7	03 s53.3	00 s51.7	12 s19.3	18 s46.0	23 s26.3
03 mar	22 43 39.5	12 X33.4	27 22 36.0	18 X00.0	01 22 38.6	06 X40.9	08 v19.8	16 v065	29 X31.4	28 22 55.0	07 v09.0	29 s590	03 mar	22 43 39.5	06 s50.9	08 s19.3	05 s56.6	19 s04.2	10 s02.3	02 n17.2	03 s51.9	00 s50.3	12 s18.5	18 s45.9	23 s26.3
04 mar	22 47 36.1	13 X33.5	09 X33.5	19 s56.5	02 22 49.5	07 X28.3	08 v30.7	16 v030	29 X34.7	28 22 57.4	07 v10.1	29 s483	04 mar	22 47 36.1	06 s27.8	07 s37.1	05 s04.4	18 s52.1	09 s44.5	02 n22.7	03 s50.3	00 s49.0	12 s17.8	18 s45.8	23 s26.3
05 mar	22 51 33.0	14 X33.7	21 X27.7	21 X52.3	04 22 00.6	08 X15.6	08 v47.5	15 v594	29 X38.1	28 22 59.4	07 v11.2	29 s363	05 mar	22 51 33.0	05 s04.7	01 n10.7	04 s11.3	18 s39.5	09 s26.7	02 n28.3	03 s48.8	00 s47.7	12 s17.0	18 s45.7	23 s26.2
06 mar	22 55 29.6	15 X33.8	03 v20.0	23 X48.1	05 22 11.6	09 X03.0	09 v01.5	15 v558	29 X41.4	29 22 01.6	07 v12.2	29 s243	06 mar	22 55 29.6	05 s41.4	05 n25.0	03 s17.4	18 s26.3	09 s08.8	02 n33.8	03 s47.2	00 s46.3	12 s16.2	18 s45.6	23 s26.2
07 mar	22 59 26.1	16 X33.9	15 v11.6	25 X43.																					



# ABRIL DE 2011

Tropical Ephemeris - sexta-feira, 01 abr 2011 at noon, Greenwich SVP = 05x05,88 True Ayanamsa = 24d 01m 06s Julian Day = 2455653,0													Tropical Ephemeris - sexta-feira, 01 abr 2011 at noon, Greenwich SVP = 05x05,88 True Ayanamsa = 24d 01m 06s Julian Day = 2455653,0												
Long.	Sidereal Time	Sun	Moon	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	N. Node	Decl.	Sidereal Time	Sun	Moon	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	N. Node
	h m s	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "		h m s	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
01 abr	0 38 0.0	11°22.0	18°29.5	24°11.5	06°16.2	29°27.5	15°13.4	14°04.0	01°10.1	29°54.6	07°29.1	26°52.3	01 abr	0 38 0.0	04°n30.0	00°n00.0	12°n28.6	10°s02.6	01°s04.3	04°n59.9	03°s01.6	00°s11.0	01°s59.1	18°s43.7	23°s24.0
02 abr	0 41 56.6	12°24.2	00°21.1	23°56.6	07°28.4	00°14.3	15°27.9	13°59.3	01°13.4	29°56.4	07°29.3	26°40.3	02 abr	0 41 56.6	04°n54.1	04°n43.3	12°n28.3	09°s38.2	00°s45.4	04°n59.9	02°s59.8	00°s09.6	01°s57.5	18°s43.6	23°s23.8
03 abr	0 45 53.1	13°23.4	12°13.4	23°35.4	08°40.6	01°01.0	15°42.4	13°54.6	01°16.8	29°58.2	07°29.5	26°28.0	03 abr	0 45 53.1	05°n17.1	09°n15.8	12°n28.2	09°s13.5	00°s26.5	05°n11.1	02°s58.0	00°s08.3	11°s56.9	18°s43.5	23°s23.4
04 abr	0 49 49.7	14°22.6	24°07.8	23°08.4	09°52.9	01°47.7	15°56.9	13°50.0	01°20.2	29°59.9	07°29.7	26°16.7	04 abr	0 49 49.7	05°n40.1	13°n28.4	11°n58.3	08°s48.6	00°s07.6	05°n16.7	02°s56.1	00°s07.0	11°s56.3	18°s43.4	23°s23.1
05 abr	0 53 46.2	15°21.7	06°05.7	22°36.2	11°05.2	02°34.4	16°11.4	13°45.3	01°23.5	00°10.1	07°29.8	26°07.9	05 abr	0 53 46.2	06°n02.9	17°n10.7	11°n40.9	08°s23.4	00°n11.3	05°n22.3	02°s54.3	00°s05.6	11°s55.7	18°s43.4	23°s22.9
06 abr	0 57 42.8	16°20.8	18°08.7	21°59.5	12°17.5	03°21.1	16°26.4	13°40.6	01°26.9	00°03.4	07°29.9	26°00.5	06 abr	0 57 42.8	06°n25.7	20°n11.5	11°n20.3	07°s59.0	00°n30.2	05°n27.9	02°s52.5	00°s04.7	11°s55.1	18°s43.4	23°s22.7
07 abr	1 01 39.3	17°19.9	00°18.8	21°19.1	13°29.8	04°07.7	16°40.5	13°36.0	01°30.2	00°05.1	07°30.0	25°56.4	07 abr	1 01 39.3	06°n48.3	22°n20.2	10°n56.8	07°s32.3	00°n49.0	05°n33.4	02°s50.7	00°s03.0	11°s54.5	18°s43.3	23°s22.5
08 abr	1 05 35.9	18°19.9	12°38.8	20°35.9	14°42.1	04°54.3	16°55.0	13°31.3	01°33.6	00°06.8	07°30.0	25°54.7	08 abr	1 05 35.9	07°n10.8	23°n26.2	10°n36.8	07°s06.4	01°n07.9	05°n39.0	02°s48.9	00°s04.7	11°s54.0	18°s43.3	23°s22.5
09 abr	1 09 32.4	19°17.9	25°11.8	19°50.7	15°54.5	05°40.9	17°09.5	13°26.7	01°36.9	00°08.4	07°30.0	25°54.5	09 abr	1 09 32.4	07°n33.2	23°n23.0	10°n02.7	06°s40.3	01°n26.7	05°n44.6	02°s47.1	00°s00.4	11°s53.4	18°s43.3	23°s22.5
10 abr	1 13 29.0	20°16.8	08°51.6	19°04.5	17°06.9	06°27.4	17°24.0	13°22.1	01°40.2	00°10.0	07°30.0	25°54.8	10 abr	1 13 29.0	07°n55.5	22°n06.2	09°n33.1	06°s14.0	01°n45.4	05°n50.1	02°s45.4	00°n00.9	11°s52.9	18°s43.2	23°s22.5
11 abr	1 17 25.6	21°15.7	21°51.0	18°18.1	18°19.3	07°13.9	17°38.5	13°17.5	01°43.4	00°11.6	07°30.0	25°54.4	11 abr	1 17 25.6	08°n17.6	19°n35.8	09°n02.3	05°s47.5	02°n04.2	05°n55.6	02°s43.6	00°n02.2	11°s52.3	18°s43.2	23°s22.5
12 abr	1 21 22.1	22°14.6	04°46.4	17°32.4	19°31.7	08°00.0	17°53.0	13°12.9	01°46.7	00°13.2	07°29.8	25°52.4	12 abr	1 21 22.1	08°n39.6	15°s67.0	08°n31.0	05°s20.9	02°n22.9	06°n01.1	02°s41.8	00°n03.5	11°s51.8	18°s43.1	23°s22.4
13 abr	1 25 18.7	23°13.4	18°44.6	16°48.3	20°44.1	08°46.7	18°07.5	13°08.3	01°50.0	00°14.8	07°29.7	25°48.0	13 abr	1 25 18.7	09°n01.4	11°n19.4	07°n59.6	04°s54.0	02°n41.5	06°n06.7	02°s40.1	00°n04.8	11°s51.3	18°s43.1	23°s22.3
14 abr	1 29 15.2	24°12.2	03°13.6	16°06.5	21°56.6	09°33.1	18°21.9	12°53.8	01°53.2	00°16.3	07°29.6	25°43.3	14 abr	1 29 15.2	09°n33.1	05°n56.3	07°n28.5	04°s27.0	03°n00.1	06°n12.1	02°s38.9	00°n06.1	11°s50.7	18°s43.1	23°s22.1
15 abr	1 33 11.8	25°11.0	12°38.8	15°27.6	23°09.0	10°19.4	18°36.4	12°59.3	01°56.4	00°17.8	07°29.4	25°32.4	15 abr	1 33 11.8	09°n44.6	00°n05.4	06°n58.3	03°s59.9	03°n18.7	06°n17.6	02°s36.7	00°n07.4	11°s50.2	18°s43.1	23°s21.8
16 abr	1 37 8.9	26°09.7	03°09.7	14°52.3	24°21.5	11°05.7	18°50.8	12°54.8	01°59.6	00°19.3	07°29.2	25°22.1	16 abr	1 37 8.9	10°n06.0	05°s51.8	06°n29.2	03°s32.7	03°n37.2	06°n23.1	02°s35.0	00°n08.6	11°s49.7	18°s43.0	23°s21.4
17 abr	1 41 4.9	27°08.3	18°23.4	14°21.0	25°34.0	11°52.0	19°05.3	12°50.3	02°02.8	00°20.7	07°28.9	25°11.6	17 abr	1 41 4.9	10°n27.2	11°n31.0	06°n01.7	03°s05.3	03°n55.7	06°n28.6	02°s33.3	00°n09.9	11°s49.2	18°s43.0	23°s21.0
18 abr	1 45 1.4	28°07.0	03°33.9	13°54.1	26°46.5	12°38.2	19°19.7	12°45.9	02°06.0	00°22.2	07°28.7	25°01.7	18 abr	1 45 1.4	10°n48.2	16°s24.3	05°n36.1	02°s37.8	04°n14.1	06°n34.0	02°s31.6	00°n11.1	11°s48.8	18°s43.0	23°s20.7
19 abr	1 48 58.0	29°00.5	18°30.6	13°31.8	27°59.0	13°24.4	19°34.1	12°41.5	02°09.1	00°23.6	07°28.4	24°53.6	19 abr	1 48 58.0	11°n09.1	20°s16.2	05°n12.5	02°s10.2	04°n32.5	06°n39.4	02°s29.0	00°n12.4	11°s48.3	18°s43.0	23°s20.4
20 abr	1 52 54.6	30°04.2	03°05.5	13°14.5	29°11.6	14°10.5	19°48.5	12°37.2	02°12.3	00°24.9	07°28.0	24°47.8	20 abr	1 52 54.6	11°n29.7	22°s37.7	04°n51.3	01°s42.5	04°n50.8	06°n44.8	02°s28.4	00°n13.6	11°s47.8	18°s42.9	23°s20.1
21 abr	1 56 51.1	01°02.8	17°13.4	13°02.2	00°24.1	14°56.6	20°02.9	12°32.9	02°15.4	00°26.3	07°27.7	24°44.5	21 abr	1 56 51.1	11°n50.2	23°s29.6	04°n32.1	01°s14.7	05°n09.0	06°n50.2	02°s26.8	00°n14.8	11°s47.4	18°s42.9	23°s20.0
22 abr	2 0 47.7	02°01.3	00°52.6	12°55.0	01°36.7	15°42.7	20°17.2	12°28.6	02°18.5	00°27.6	07°27.3	24°43.3	22 abr	2 0 47.7	12°n10.5	25°s53.2	04°n16.1	00°s46.9	05°n27.2	06°n55.6	02°s25.2	00°n16.0	11°s46.9	18°s42.9	23°s20.0
23 abr	2 4 44.2	02°59.8	14°04.2	12°52.9	02°49.3	16°28.2	20°31.5	12°24.4	02°21.5	00°28.9	07°26.9	24°43.7	23 abr	2 4 44.2	12°n30.6	21°s00.3	04°n02.4	00°s19.0	05°n45.3	07°n01.0	02°s23.6	00°n17.3	11°s46.5	18°s42.9	23°s20.0
24 abr	2 8 40.8	03°58.3	26°55.1	12°55.9	04°01.9	17°14.7	20°45.8	12°20.2	02°24.6	00°30.1	07°26.4	24 44.6	24 abr	2 8 40.8	12°n50.5	18°s06.3	03°n51.3	00°n08.9	06°n03.3	07°n06.3	02°s22.1	00°n18.4	11°s46.1	18°s42.9	23°s20.0
25 abr	2 12 37.3	04°56.7	09°18.2	13°03.8	05°14.5	18°00.6	21°00.1	12°16.1	02°27.6	00°31.4	07°25.9	24 45.1	25 abr	2 12 37.3	13°n10.2	14°s26.9	03°n42.8	00°n36.9	06°n21.3	07°n11.7	02°s20.6	00°n19.6	11°s45.7	18°s42.9	23°s20.0
26 abr	2 16 33.9	05°55.1	21°22.4	13°16.5	06°27.2	18°46.5	21°14.4	12°12.0	02°30.6	00°32.6	07°25.4	24 44.3	26 abr	2 16 33.9	13°n29.6	10°s16.2	03°n36.9	01°n04.9	06°n39.1	07°n17.0	02°s19.1	00°n20.8	11°s45.3	18°s42.9	23°s20.0
27 abr	2 20 30.4	06°53.5	03°29.7	13°33.9	07°39.9	19°32.4	21°28.6	12°07.9	02°33.6	00°33.8	07°24.9	24 41.7	27 abr	2 20 30.4	13°n49.8	05°s45.7	03°n33.1	01°n32.9	06°n57.0	07°n22.3	02°s17.6	00°n22.0	11°s44.9	18°s42.9	23°s19.9
28 abr	2 24 27.0	07°51.9	15°23.3	13°55.9	08°52.5	20°18.2	21°42.9	12°04.0	02°36.5	00°34.9	07°24.3	24 36.9	28 abr	2 24 27.0	14°n07.9	01°s05.4	03°n32.6	02°n00.9	07°n14.7	07°n27.5	02°s16.2	00°n23.1	11°s44.5	18°s42.9	23°s19.7
29 abr	2 28 23.6	08°50.2	27°14.7	14°22.3	10°05.2	21°04.0	21°57.0	12°00.1	02°39.5	00°36.0	07°23.7	24 30.4	29 abr	2 28 23.6	14°n26.7	03°n36.1	03°n34.6	02°n28.9	07°n32.3	07°n32.8	02°s14.8	00°n24.3	11°s44.1	18°s42.9	23°s19.4
30 abr	2 32 20.1	09°48.6	09°06.3	14°53.0	11°17.9	21°49.7	22°11.2	11°56.2	02°42.4	00°37.1	07°23.1	24 22.7	30 abr	2 32 20.1	14°n45.2	08°n09.8	03°n38.1	02°n56.9	07°n49.9	07°n38.0	02°s13.4	00°n25.4	11°s43.8	18°s42.9	23°s19.1

# MAIO DE 2011

Tropical Ephemeris - domingo, 01 mai 2011 at noon, Greenwich SVP = 05x05,82 True Ayanamsa = 24d 01m 10s Julian Day = 2455683,0													Tropical Ephemeris - domingo, 01 mai 2011 at noon, Greenwich SVP = 05x05,82 True Ayanamsa = 24d 01m 10s Julian Day = 2455683,0												
Long.	Sidereal Time	Sun	Moon	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	N. Node	Decl.	Sidereal Time	Sun	Moon	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	N. Node
	h m s	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "		h m s	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
01 mai	2 36 16.7	10°46.8	21°00.9	15°27.7	12°30.6	22°35.4	22°25.3	11°52.4	02°45.2	00°38.2	07°22.5	24 14.6	01 mai	2 36 16.7	15°n03.5	12°n26.7	03°n44.3	03°n24.9	08°n07.3	07°n43.2	02°s12.0	00°n26.6	11°s43.4	18°s42.9	23°s18.8
02 mai	2 40 13.2	11°45.1	03°00.5	16°06.3	13°43.3	23°21.0	22°39.4	11°48.7	02°48.1	00°39.2	07°21.8	24 07.1	02 mai	2 40 13.2	15°n21.5	16°n16.3	03°n52.7	03°n52.8	08°n24.7	07°n48.4	02°s10.7	00°n27.7	11°s43.1	18°s43.0	23°s18.4
03 mai	2 44 9.8	12°43.3	15°06.6	16°48.7	14°56.1	24°06.6	22°53.5	11°45.0	02°50.9	00°40.2	07°21.1	24 00.1	03 mai	2 44 9.8	15°n39.3	19°n27.6	04°n03.1	04°n20.6	08°n42.0	07°n53.6	02°s09.4	00°n28.8	11°s42.7	18°s43.0	23°s18.2
04 mai	2 48 6.3	13°41.5	27°20.5	17°34.7	16°08.8	24°52.2	23°07.5	11°41.4	02°53.7	00°41.2	07°20.3	23 56.7	04 mai	2 48 6.3	15°n56.9	21°n48.9	04°n15.6	04°n48.4	08°n59.1	07°n58.7	02°s08.0	00°n			

## JUNHO DE 2011

Tropical Ephemeris - quarta-feira, 01 jun 2011 at noon, Greenwich SVP = 05x05.75 True Ayanamsa = 24d 01m 14s Julian Day = 2455714.0													Tropical Ephemeris - quarta-feira, 01 jun 2011 at noon, Greenwich SVP = 05x05.75 True Ayanamsa = 24d 01m 14s Julian Day = 2455714.0												
Long.	Sidereal Time	Sun	Moon	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	U. Node	Decl.	Sidereal Time	Sun	Moon	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	U. Node
	h m s	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "		h m s	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
01 Jun	4 38 29.9	11x40.2	06x16.3	27x21.5	20x08.8	15x46.9	29x21.8	10x232	03x58.5	00x55.4	06x505	23x222	01 Jun	4 38 29.9	22n02.7	22n59.1	18n29.8	16n32.1	16n09.6	10n12.0	01x46.5	00n54.9	11x38.1	18x44.8	23x16.3
02 Jun	4 42 26.4	11x37.7	18x56.1	29x20.3	21x21.8	16x30.9	29x34.3	10x320	04x00.2	00x55.4	06x492	23x221	02 Jun	4 42 26.4	22n10.7	23n29.2	19n06.2	16n52.9	16n22.9	10n16.4	01x46.3	00n55.6	11x38.1	18x44.9	23x16.3
03 Jun	4 46 23.0	12x35.2	01x49.3	01x21.0	22x34.8	17x14.9	29x45.8	10x310	04x01.0	00x55.4	06x488	23x227	03 Jun	4 46 23.0	22n18.3	23n40.1	19n14.9	17n13.3	16n36.0	10n20.6	01x46.1	00n56.2	11x38.2	18x45.0	23x16.4
04 Jun	4 50 19.5	13x32.7	14x56.0	03x23.7	23x47.8	17x8.8	29x56.1	10x301	04x03.6	00x55.4	06x465	23x237	04 Jun	4 50 19.5	22n25.5	23n40.4	20n16.4	17n13.3	16n48.9	10n24.9	01x46.0	00n56.9	11x38.2	18x45.1	23x16.4
05 Jun	4 54 16.1	14x30.2	28x16.4	05x28.3	25x00.9	18x42.7	00x11.4	10x293	04x05.3	00x55.3	06x451	23x248	05 Jun	4 54 16.1	22n32.3	17n32.7	20n49.9	17n52.7	17n01.6	10n29.1	01x45.9	00n57.5	11x38.2	18x45.2	23x16.4
06 Jun	4 58 12.7	15x27.6	11x50.0	07x34.5	26x13.9	19x26.5	00x23.7	10x286	04x06.9	00x55.2	06x437	23x259	06 Jun	4 58 12.7	22n39.7	17n26.3	21n22.0	18n11.8	17n14.2	10n33.3	01x45.8	00n59.1	11x38.3	18x45.3	23x16.5
07 Jun	5 2 9.2	16x25.1	25x36.5	09x42.2	27x27.0	20x10.3	00x35.8	10x280	04x08.4	00x55.1	06x423	23x266	07 Jun	5 2 9.2	22n44.7	08x34.9	21n52.6	18n30.4	17n26.6	10n37.4	01x45.8	00n59.7	11x38.4	18x45.4	23x16.5
08 Jun	5 6 5.8	17x22.5	09x35.0	11x51.2	28x40.0	20x54.0	00x47.9	10x274	04x09.9	00x54.9	06x409	23x270	08 Jun	5 6 5.8	22n50.3	03n13.3	22n21.4	18n48.5	17n38.8	10n41.5	01x45.8	00n59.3	11x38.5	18x45.6	23x16.5
09 Jun	5 10 2.3	18x19.9	23x44.3	14x01.4	29x53.1	21x37.6	00x59.9	10x270	04x11.4	00x54.7	06x395	23x270	09 Jun	5 10 2.3	22n55.2	02x21.8	23n13.0	19n06.2	17n50.9	10n45.5	01x45.9	00n59.8	11x38.6	18x45.7	23x16.5
10 Jun	5 13 56.9	19x17.2	08x02.3	16x12.4	01x06.1	22x21.2	01x11.8	10x267	04x12.8	00x54.5	06x380	23x268	10 Jun	5 13 56.9	23n00.3	07x52.9	23n13.0	20n23.3	18n02.7	10n49.6	01x46.0	01n00.3	11x38.7	18x45.8	23x16.5
11 Jun	5 17 55.4	20x14.6	22x26.1	18x24.0	02x19.2	23x04.7	01x23.6	10x265	04x14.2	00x54.2	06x366	23x264	11 Jun	5 17 55.4	23n04.7	13x01.0	23n35.5	19n39.9	18n14.4	10n53.5	01x46.1	01n00.9	11x38.8	18x45.9	23x16.5
12 Jun	5 21 52.0	21x11.9	06x52.0	20x36.0	03x32.3	23x48.1	01x35.3	10x264	04x15.5	00x54.0	06x351	23x262	12 Jun	5 21 52.0	23n08.7	17x25.8	23n55.4	19n56.1	18n25.9	10n57.5	01x46.3	01n01.4	11x38.9	18x46.1	23x16.5
13 Jun	5 25 48.5	22x09.3	21x15.6	22x48.0	04x45.4	24x31.5	01x47.0	10x264	04x16.8	00x53.6	06x337	23x261	13 Jun	5 25 48.5	23n12.3	20x47.5	24n12.7	20n11.6	18n37.2	10n57.5	01x46.5	01n01.8	11x39.0	18x46.2	23x16.5
14 Jun	5 29 45.1	23x06.6	05x31.9	24x59.9	05x58.5	25x14.9	01x58.5	10x265	04x18.0	00x53.3	06x322	23x262	14 Jun	5 29 45.1	23n15.5	22x49.6	24n27.4	20n26.7	18n48.3	10n55.2	01x46.8	01n02.3	11x39.2	18x46.3	23x16.5
15 Jun	5 33 41.7	24x03.8	19x36.5	27x11.2	07x11.6	25x89.2	02x10.0	10x267	04x19.2	00x52.9	06x307	23x265	15 Jun	5 33 41.7	23n18.9	23x29.0	24n39.3	20n41.2	18n59.2	10n59.1	01x47.1	01n02.7	11x39.4	18x46.5	23x16.5
16 Jun	5 37 38.2	25x01.1	03x25.4	29x21.9	08x24.8	26x41.4	02x21.4	10x269	04x20.3	00x52.5	06x292	23x268	16 Jun	5 37 38.2	23n22.6	22x28.5	24n49.7	20n55.2	19n10.0	10n12.9	01x47.4	01n03.2	11x39.5	18x46.6	23x16.5
17 Jun	5 41 34.8	25x58.4	16x55.7	01x31.6	09x37.9	27x24.5	02x32.7	10x273	04x21.4	00x52.1	06x277	23x270	17 Jun	5 41 34.8	23n26.2	20x16.3	24n54.6	21n08.6	19n20.5	10n16.6	01x47.8	01n03.6	11x39.7	18x46.8	23x16.5
18 Jun	5 45 31.3	26x55.7	00x06.1	03x40.0	10x51.1	28x07.6	02x43.9	10x277	04x22.5	00x51.6	06x262	23x271	18 Jun	5 45 31.3	23n24.1	17x02.3	24n59.0	21n21.4	19n30.9	10n20.3	01x48.2	01n04.0	11x39.9	18x46.9	23x16.6
19 Jun	5 49 27.9	27x52.9	12x56.7	05x47.2	12x04.3	28x50.7	02x55.0	10x280	04x23.5	00x51.1	06x247	23x270	19 Jun	5 49 27.9	23n25.3	13x04.1	24n59.7	21n33.6	19n41.1	10n24.0	01x48.2	01n04.3	11x40.1	18x47.1	23x16.5
20 Jun	5 53 24.4	28x50.2	25x29.0	07x52.7	13x17.5	29x33.7	03x06.0	10x281	04x24.4	00x50.5	06x232	23x266	20 Jun	5 53 24.4	23n26.0	08x37.6	24n56.7	21n45.2	19n51.0	10n27.6	01x49.2	01n04.7	11x40.3	18x47.2	23x16.5
21 Jun	5 57 21.0	29x47.4	07x46.5	09x56.6	14x30.7	00x16.6	03x17.0	10x289	04x25.4	00x50.0	06x217	23x262	21 Jun	5 57 21.0	23n26.3	05x56.2	24n52.0	21n56.2	20n00.8	10n31.2	01x49.7	01n05.0	11x40.5	18x47.4	23x16.5
22 Jun	6 1 17.5	00x44.7	19x50.0	11x58.7	15x43.9	00x59.5	03x27.8	10x300	04x26.2	00x49.4	06x202	23x258	22 Jun	6 1 17.5	23n26.1	00n49.2	24n44.9	22n06.7	20n10.4	10n34.7	01x50.3	01n05.3	11x40.8	18x47.5	23x16.5
23 Jun	6 5 14.1	01x41.9	01x46.4	13x58.9	16x57.2	01x42.3	03x38.5	10x318	04x27.0	00x48.8	06x187	23x257	23 Jun	6 5 14.1	23n25.6	05n29.7	24n35.4	22n16.4	20n19.8	10n38.2	01x50.9	01n05.6	11x41.0	18x47.7	23x16.5
24 Jun	6 9 10.7	02x39.1	13x39.5	15x57.1	18x10.4	02x25.1	03x49.1	10x329	04x27.8	00x48.1	06x171	23x260	24 Jun	6 9 10.7	23n24.7	09n57.0	24n23.6	22n25.6	20n29.0	10n41.7	01x51.5	01n05.9	11x41.3	18x47.9	23x16.5
25 Jun	6 13 7.2	03x36.4	25x33.8	17x53.2	19x23.7	03x07.8	03x59.6	10x340	04x28.5	00x47.4	06x156	23x267	25 Jun	6 13 7.2	23n23.3	14n02.5	24n09.7	22n34.2	20n37.9	10n45.1	01x52.2	01n06.1	11x41.5	18x48.0	23x16.5
26 Jun	6 17 3.8	04x33.6	07x33.7	19x47.3	20x37.0	03x50.4	04x10.0	10x353	04x29.2	00x46.7	06x141	23x272	26 Jun	6 17 3.8	23n21.6	17n36.9	23n53.8	22n42.0	20n46.7	10n48.4	01x53.0	01n06.4	11x41.8	18x48.2	23x16.6
27 Jun	6 21 0.3	05x30.9	19x43.3	21x39.3	21x50.3	04x30.0	04x20.3	10x366	04x30.0	00x46.0	06x125	23x279	27 Jun	6 21 0.3	23n19.4	20n29.3	23n36.0	23n49.3	20n55.3	10n51.8	01x53.7	01n06.6	11x42.1	18x48.4	23x16.6
28 Jun	6 24 56.9	06x28.1	02x06.1	23x29.1	23x03.6	05x15.5	04x30.5	10x382	04x30.4	00x45.2	06x110	23x301	28 Jun	6 24 56.9	23n16.8	22n27.9	23n16.4	22n55.9	21n03.7	10n55.0	01x54.4	01n06.8	11x42.4	18x48.5	23x16.7
29 Jun	6 28 53.4	07x25.3	14x44.4	25x16.8	24x17.0	05x48.0	04x40.6	10x399	04x30.9	00x44.4	06x095	23x309	29 Jun	6 28 53.4	23n13.8	23n21.6	22n55.3	23n01.8	21n11.8	10n59.3	01x55.4	01n07.0	11x42.7	18x48.7	23x16.7
30 Jun	6 32 50.0	08x22.6	27x41.0	27x02.4	25x30.4	06x40.4	04x50.6	10x415	04x31.4	00x43.6	06x080	23x310	30 Jun	6 32 50.0	23n10.4	23n01.8	22n32.7	23n07.1	21n19.8	10n01.4	01x56.3	01n07.1	11x43.0	18x48.9	23x16.7

## JULHO DE 2011

Tropical Ephemeris - sexta-feira, 01 jul 2011 at noon, Greenwich SVP = 05x05.69 True Ayanamsa = 24d 01m 18s Julian Day = 2455744.0													Tropical Ephemeris - sexta-feira, 01 jul 2011 at noon, Greenwich SVP = 05x05.69 True Ayanamsa = 24d 01m 18s Julian Day = 2455744.0												
Decl.	Sidereal Time	Sun	Moon	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	U. Node	Decl.	Sidereal Time	Sun	Moon	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	U. Node
	h m s	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "		h m s	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
01 Jul	6 36 46.5	23n06.6	21n24.7	22n08.7	23n11.7	21n27.6	12n04.6	01x57.2	01n07.4	11x43.4	18x49.1	23x16.7	01 Jul	6 36 46.5	23n06.6	21n24.7	22n08.7	23n11.7	21n27.6	12n04.6	01x57.2	01n07.4	11x43.4	18x49.1	23x16.7
02 Jul	6 40 43.1	23n02.4	18n33.6	21n49.5	23n15.6	21n35.1	12n04.7	01x58.1	01n07.4	11x43.7	18x49.2	23x16.6	02 Jul	6 40 43.1	23n02.4	18n33.6	21n49.5	23n15.6	21n35.1	12n04.7	01x58.1	01n07.4	11x43.7	18x49.2	23x16.6
03 Jul	6 44 39.7	22n57.7	14n37.8	21n17.2	23n18.9	21n42.5	12n10.7	01x59.1	01n07.5	11x44.0	18x49.4	23x16.5	03 Jul	6 44 39.7	22n57.7	14n37.8	21n17.2	23n18.9	21n42.5	12n10.7	01x59.1	01n07.5	11x44.0	18x49.4	23x16.5
04 Jul	6 48 36.2	22n52.7	09n51.4	20n49.9	23n21.5	21n49.6	12n13.7	02x00.2	01n07.6	11x44.4	18x49.6	23x16.4	04 Jul	6 48 36.2	22n52.7	09n51.4	20n49.9	23n21.5	21n49.6	12n13.7	02x00.2	01n07.6	11x44.4	18x49.6	23x16.4
05 Jul	6 52 32.8	22n47.3	04n31.4	20n21.6	23n23.3	21n56.5	12n16.7	02x01.2	01n07.6	11x44.7	18x49.8	23x16.3	05 Jul	6 52 32.8	22n47.3	04n31.4	20n21.6	23n23.3	21n56.5	12n16.7	02x01.2	01n07.6	11x44.7	18x49.8	23x16.3
06 Jul	6 56 29.3	22n41.5	01x04.3	19n52.6	23n24.5	22n03.2	12n19.6	02x02.3	01n07.7	11x45.1															



# AGOSTO DE 2011

Tropical Ephemeris - segunda-feira, 01 ago 2011 at noon, Greenwich SVP = 05X05.61 True Ayanansa = 24d 01m 22s Julian Day = 2455775.0													Tropical Ephemeris - segunda-feira, 01 ago 2011 at noon, Greenwich SVP = 05X05.61 True Ayanansa = 24d 01m 22s Julian Day = 2455775.0												
Long.	Sidereal Time	Sun	Moon	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	N. Node	Decl.	Sidereal Time	Sun	Moon	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	N. Node
	h m s	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "		h m s	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
01 ago	8 38 59.8	08 04 54.8	01 m 59.1	01 m 04.8	04 04 46.8	28 14 44.0	09 8 00.5	12 23 2.8	04 02 15.5	00 00 05.0	05 02 22.8	22 2 30.9	01 ago	8 38 59.8	18 01 1.7	06 n 16.7	07 n 54.6	18 n 59.3	23 n 43.8	13 n 17.3	02 42.6	01 n 02.2	11 57.3	18 55 5.5	23 13 6.6
02 ago	8 42 56.2	08 05 52.2	16 m 33.7	01 m 10.7	06 00 0.8	29 12 4.3	09 8 05.8	12 27 28.2	04 02 20.4	00 00 03.5	05 02 16.2	22 2 22.8	02 ago	8 42 56.3	17 n 46.6	00 n 36.3	07 n 41.3	19 n 42.9	23 n 44.9	13 n 18.8	02 44.5	01 n 01.8	11 57.9	18 55 5.7	23 13 1.1
03 ago	8 46 52.9	10 04 49.7	01 m 09.3	01 m 11.5	07 01 14.8	00 00 04.6	09 8 11.0	12 32 4.4	04 02 19.3	00 00 02.0	05 02 20.4	22 2 15.7	03 ago	8 46 52.9	17 n 30.9	05 06.2	07 n 30.2	19 n 25.9	23 n 45.7	13 n 20.3	02 46.5	01 n 01.3	11 58.4	18 55 6.0	23 12 7.7
04 ago	8 50 49.4	11 04 47.1	01 m 39.9	01 m 07.1	08 01 28.8	00 00 44.7	09 8 16.0	12 37 1.1	04 02 18.2	00 00 00.4	05 02 19.3	22 2 10.7	04 ago	8 50 49.4	17 n 15.1	10 30.2	07 n 21.5	19 n 08.3	23 n 46.4	13 n 21.7	02 48.5	01 n 00.9	11 59.0	18 55 6.2	23 12 4.4
05 ago	8 54 46.0	12 04 44.6	00 m 00.8	00 m 57.4	09 01 42.8	01 00 24.8	09 8 20.4	12 41 9.9	04 02 17.0	29 00 58.9	05 02 18.1	22 2 07.0	05 ago	8 54 46.0	16 n 59.1	15 16.0	07 n 15.2	18 n 50.2	23 n 46.8	13 n 23.0	02 50.5	01 n 00.3	11 59.5	18 55 6.4	23 12 2.2
06 ago	8 58 42.5	13 04 42.0	14 m 09.2	00 m 42.5	10 01 56.8	02 00 04.9	09 8 25.4	12 46 7.7	04 02 15.7	29 00 57.9	05 02 17.0	22 2 05.7	06 ago	8 58 42.5	16 n 42.7	19 06.2	07 n 11.5	18 n 31.6	23 n 47.1	13 n 24.2	02 52.6	00 n 59.8	12 00.1	18 55 6.7	23 12 1.1
07 ago	9 2 39.1	14 04 39.5	28 m 03.8	00 m 22.3	12 01 10.8	02 00 44.8	09 8 29.9	12 51 6.6	04 02 14.4	29 00 55.8	05 02 15.9	22 2 05.9	07 ago	9 2 39.1	16 n 26.1	21 54.6	07 n 10.5	18 n 12.5	23 n 47.1	13 n 25.5	02 54.6	00 n 59.3	12 00.7	18 55 6.9	23 12 1.1
08 ago	9 6 35.6	15 04 37.0	11 44 4.5	29 01 57.1	13 01 24.8	03 00 24.7	09 8 34.2	12 56 6.6	04 02 13.1	29 00 54.2	05 02 14.9	22 2 06.9	08 ago	9 6 35.6	16 n 09.2	23 06.9	07 n 12.3	17 n 52.9	23 n 46.9	13 n 26.6	02 56.7	00 n 58.7	12 01.2	18 55 7.1	23 12 2.2
09 ago	9 10 32.2	16 04 34.5	25 12 0.0	29 01 26.9	14 01 38.9	04 00 04.5	09 8 38.3	13 01 6.6	04 02 11.8	29 00 52.6	05 02 13.8	22 2 07.5	09 ago	9 10 32.2	15 n 52.1	23 06.9	07 n 16.9	17 n 32.6	23 n 46.6	13 n 27.7	02 58.9	00 n 58.2	12 01.8	18 55 7.4	23 12 2.2
10 ago	9 14 28.8	17 04 32.0	08 27 0.0	29 01 02.0	15 01 53.0	04 00 44.3	09 8 42.2	13 06 0.7	04 02 10.0	29 00 51.0	05 02 12.8	22 2 07.0	10 ago	9 14 28.8	15 n 34.7	21 54.2	07 n 24.9	17 n 12.0	23 n 46.0	13 n 29.7	03 01.0	00 n 57.6	12 02.4	18 55 7.6	23 12 2.2
11 ago	9 18 25.3	18 04 29.5	21 30 3.0	29 01 13.0	17 01 07.1	05 00 24.0	09 8 45.9	13 11 9.9	04 02 08.9	29 00 49.4	05 02 11.8	22 2 04.4	11 ago	9 18 25.3	15 n 17.0	19 14.8	07 n 34.4	16 n 50.9	23 n 45.3	13 n 31.7	03 03.2	00 n 57.0	12 03.0	18 55 7.8	23 12 2.0
12 ago	9 22 21.9	19 04 27.1	04 02 21.8	27 01 30.2	18 01 21.2	06 00 03.6	09 8 49.5	13 17 2.4	04 02 07.4	29 00 47.8	05 02 10.8	22 2 05.9	12 ago	9 22 21.9	14 n 51.9	15 50.2	07 n 47.3	16 n 29.3	23 n 44.3	13 n 30.6	03 05.4	00 n 56.4	12 03.5	18 55 8.1	23 12 1.7
13 ago	9 26 18.4	20 04 24.6	17 02 02.1	26 01 44.3	19 01 35.3	06 00 43.2	09 8 52.9	13 22 2.5	04 02 05.9	29 00 46.2	05 02 09.8	21 5 51.8	13 ago	9 26 18.4	14 n 41.0	11 54.5	08 n 02.7	16 n 07.2	23 n 43.2	13 n 31.5	03 07.6	00 n 55.8	12 04.1	18 55 8.3	23 12 1.3
14 ago	9 30 15.0	21 04 22.2	29 03 31.2	25 01 56.1	20 01 49.4	07 00 22.7	09 8 56.1	13 27 2.8	04 02 04.4	29 00 44.6	05 02 08.9	21 4 42.3	14 ago	9 30 15.0	14 n 22.7	10 51.6	08 n 20.5	15 n 44.7	23 n 41.9	13 n 32.3	03 09.8	00 n 55.1	12 04.7	18 55 8.5	23 12 1.0
15 ago	9 34 11.5	22 04 19.8	11 49 5.5	25 02 06.3	22 01 03.6	08 00 02.1	09 8 59.1	13 33 3.3	04 02 02.8	29 00 43.0	05 02 08.0	21 3 31.8	15 ago	9 34 11.5	14 n 04.1	02 30.9	08 n 40.4	15 n 21.7	23 n 40.4	13 n 33.0	03 12.1	00 n 54.5	12 05.3	18 55 8.8	23 12 0.7
16 ago	9 38 8.1	23 04 17.5	23 35 7.6	24 01 15.8	23 01 17.8	08 00 41.4	10 8 01.9	13 38 3.8	04 02 01.2	29 00 41.4	05 02 07.1	21 2 21.3	16 ago	9 38 8.1	13 n 45.1	02 n 14.4	09 n 22.2	14 n 58.4	23 n 38.7	13 n 33.7	03 14.3	00 n 53.8	12 05.9	18 55 9.0	23 12 0.3
17 ago	9 42 4.6	24 04 15.1	05 05 7.3	23 01 25.7	24 01 32.0	09 00 20.7	10 8 04.5	13 44 4.3	03 00 59.5	29 00 39.7	05 02 06.2	21 1 11.8	17 ago	9 42 4.6	13 n 26.2	06 n 51.2	09 n 25.5	14 n 34.6	23 n 36.8	13 n 34.3	03 16.6	00 n 53.1	12 06.4	18 55 9.3	23 12 0.7
18 ago	9 46 1.2	25 04 12.8	17 05 0.7	22 01 36.8	25 01 46.2	09 00 59.9	10 8 07.0	13 49 4.9	03 00 57.8	29 00 38.1	05 02 05.3	21 0 43.7	18 ago	9 46 1.2	13 n 07.0	11 n 10.6	09 n 49.9	14 n 10.4	23 n 34.7	13 n 34.9	03 18.9	00 n 52.4	12 07.0	18 55 9.5	23 12 0.8
19 ago	9 49 57.8	26 04 10.5	29 04 1.2	21 01 50.2	27 01 00.4	10 00 39.1	10 8 09.2	13 55 6.6	03 00 56.1	29 00 36.5	05 02 04.5	20 5 59.2	19 ago	9 49 57.8	12 n 47.5	15 n 03.6	10 n 15.1	13 n 45.9	23 n 32.4	13 n 35.4	03 21.3	00 n 51.7	12 07.6	18 55 9.8	23 12 0.7
20 ago	9 53 54.3	27 04 08.2	11 03 32.8	21 01 06.9	28 01 14.6	11 00 18.2	10 8 11.3	14 00 1.3	03 00 54.3	29 00 34.8	05 02 03.7	20 5 56.6	20 ago	9 53 54.3	12 n 27.9	18 n 21.4	10 n 40.7	13 n 20.9	23 n 30.0	13 n 35.8	03 23.6	00 n 51.0	12 08.2	18 56 0.0	23 12 0.7
21 ago	9 57 50.9	28 04 06.0	23 03 30.0	20 01 27.8	29 01 27.2	10 01 13.2	10 8 13.2	14 00 1.7	03 00 52.5	29 00 33.2	05 02 03.0	20 5 55.8	21 ago	9 57 50.9	12 n 08.0	20 05.4	11 n 06.2	12 n 55.6	23 n 27.4	13 n 36.2	03 26.0	00 n 50.3	12 08.8	18 56 0.2	23 12 0.7
22 ago	10 1 47.4	29 04 03.8	05 03 38.1	19 01 53.8	00 m 43.2	12 00 36.1	10 8 14.4	14 01 2.9	03 00 50.7	29 00 31.5	05 02 02.2	20 5 56.1	22 ago	10 1 47.4	11 n 48.9	22 03.3	11 n 10.2	12 n 30.0	23 n 24.6	13 n 36.5	03 28.4	00 n 49.5	12 09.4	18 56 0.5	23 12 0.7
23 ago	10 5 44.0	00 m 01.6	18 02 02.2	19 01 25.6	01 m 57.5	12 00 15.0	10 8 16.3	14 01 18.8	03 00 48.8	29 00 29.9	05 02 01.5	20 5 56.2	23 ago	10 5 44.0	11 n 27.7	23 00.9	11 n 55.3	12 n 04.0	23 n 21.6	13 n 36.8	03 30.8	00 n 48.8	12 10.0	18 56 0.7	23 12 0.7
24 ago	10 9 40.5	00 m 59.4	00 00 47.2	19 01 04.0	03 m 11.8	12 00 53.8	10 8 17.6	14 02 24.8	03 00 47.0	29 00 28.3	05 02 00.8	20 5 55.1	24 ago	10 9 40.5	11 n 07.3	22 03.7	12 n 18.3	11 n 37.6	23 n 18.4	13 n 37.0	03 33.2	00 n 48.0	12 10.5	18 56 1.0	23 12 0.6
25 ago	10 13 37.1	01 m 57.3	12 00 57.4	18 01 49.3	04 m 26.1	14 00 32.5	10 8 18.7	14 03 30.8	03 00 45.8	29 00 26.6	05 02 00.1	20 5 51.9	25 ago	10 13 37.1	10 n 46.7	20 04.6	12 n 39.7	11 n 11.0	23 n 15.1	13 n 37.1	03 35.7	00 n 47.2	12 11.1	18 56 1.2	23 12 0.7
26 ago	10 17 33.6	02 m 55.2	27 00 35.0	18 01 42.2	05 m 40.4	15 00 11.2	10 8 19.5	14 04 36.8	03 00 44.1	29 00 25.0	04 00 59.5	20 4 45.9	26 ago	10 17 33.6	10 n 25.9	17 40.4	13 n 15.0	10 n 44.0	23 n 11.6	13 n 37.2	03 38.1	00 n 46.4	12 11.7	18 56 1.5	23 12 0.7
27 ago	10 21 30.2	03 m 53.1	11 04 40.2	18 01 42.9	06 m 54.8	15 00 49.8	10 8 20.2	14 05 43.0	03 00 42.1	29 00 23.3	04 00 58.9	20 4 37.3	27 ago	10 21 30.2	10 n 05.0	13 01.1	13 n 16.9	10 n 16.8	23 n 07.9	13 n 37.2	03 40.6	00 n 45.6	12 12.3	18 56 1.7	23 12 0.6
28 ago	10 25 26.8	04 m 51.1	26 01 10.2	18 01 51.6	08 m 09.2	16 00 28.3	10 8 20.7	14 06 49.1	03 00 39.1	29 00 21.7	04 00 58.3	20 4 26.5	28 ago	10 25 26.8	09 n 43.9	08 n 28.8	13 n 01.1	09 n 49.3	23 n 04.1	13 n 37.1	03 43.1	00 n 44.8	12 12.9	18 56 1.9	23 12 0.5
29 ago	10 29 23.3	05 m 49.1	10 m 58.9	19 01 08.5	09 m 23.5	17 00 06.7	10 8 21.0	14 08 55.3	03 00 37.1	29 00 20.1	04 00 57.8	20 4 14.5	29 ago	10 29 23.3	09 n 22.6	02 n 51.7	13 n 43.3	09 n 21.5	23 n 00.1	13 n 37.0	03 45.6	00 n 44.4	12 13.4	18 56 2.2	23 12 0.4
30 ago	10 33 19.9	06 m 47.0	25 m 57.9	19 01 33.5	10 m 37.8	17 00 45.1	10 8 21.0	14 10 01.6	03 00 35.0	29 00 18.5	04 00 57.2	20 4 02.3	30 ago	10 33 19.9	09 n 01.2	02 n 58.9	13 n 52.5	08 n 53.4	22 n 55.9	13 n 36.8	03 48.1	00 n 43.2	12 14.0	18 56 2.4	23 12 0.3
31 ago	10 37 16.4	07 m 45.1	10 57 7.7	20 01 06.6	11 m 52.3	18 00 23.3	10 8 20.9	14 07 07.9	03 00 32.9	29 00 16.8	04 00 56.7	19 5 12.2	31 ago	10 37 16.4	08 n 39.9	08 n 39.0	13 n 58.8	08 n 25.1	22 n 51.6	13 n 36.6	03 50.7	00 n 42.3	12 14.6	18 56 2.7	23 12 0.3

# SETEMBRO DE 2011

Tropical Ephemeris - quinta-feira, 01 set 2011 at noon, Greenwich SVP = 05X05.53 True Ayanansa = 24d 01m 27s Julian Day = 2455806.0													Tropical Ephemeris - quinta-feira, 01 set 2011 at noon, Greenwich SVP = 05X05.53 True Ayanansa = 24d 01m 27s Julian Day = 2455806.0												
Long.	Sidereal Time	Sun	Moon	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	N. Node	Decl.	Sidereal Time	Sun	Moon	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	N. Node
	h m s	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "		h m s	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
01 set	10 41 13.0	08 m 43.1	25 04 9.1	20 01 47.8	13 m 06.8	19 00 01.5	10 8 2																		

# OUTUBRO DE 2011

Tropical Ephemeris - sábado, 01 out 2011 at noon, Greenwich Julian Day = 2455836,0													Tropical Ephemeris - sábado, 01 out 2011 at noon, Greenwich Julian Day = 2455836,0												
Long.	Sidereal Time	Sun	Moon	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	N. Node	Dec1.	Sidereal Time	Sun	Moon	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	N. Node
h m s	s	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	h m s	s	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
01 out	12 39 29.6	07=58.1	04=21.6	10=04.0	20=22.7	07=29.7	08 8 40.9	18=40.8	02=20.9	28=32.2	04=56.3	16=39.4	01 out	12 39 29.6	07=58.1	04=21.6	10=04.0	20=22.7	07=29.7	08 8 40.9	18=40.8	02=20.9	28=32.2	04=56.3	16=39.4
02 out	12 43 26.2	08=57.2	18=26.3	13=48.6	21=37.3	08=05.3	08 8 34.9	18=48.4	02=18.5	28=31.1	04=56.8	16=37.8	02 out	12 43 26.2	08=57.2	18=26.3	13=48.6	21=37.3	08=05.3	08 8 34.9	18=48.4	02=18.5	28=31.1	04=56.8	16=37.8
03 out	12 47 22.7	09=56.2	02=05.1	13=32.4	22=51.9	08=40.7	08 8 28.7	18=55.3	02=16.2	28=30.0	04=57.3	16=37.8	03 out	12 47 22.7	09=56.2	02=05.1	13=32.4	22=51.9	08=40.7	08 8 28.7	18=55.3	02=16.2	28=30.0	04=57.3	16=37.8
04 out	12 51 19.3	10=55.3	15=19.9	15=15.3	24=06.5	09=16.1	08 8 22.4	19=02.6	02=14.8	28=28.9	04=57.9	16=38.2	04 out	12 51 19.3	10=55.3	15=19.9	15=15.3	24=06.5	09=16.1	08 8 22.4	19=02.6	02=14.8	28=28.9	04=57.9	16=38.2
05 out	12 55 16.9	11=54.4	28=14.1	16=57.3	25=21.1	09=51.3	08 8 15.9	19=09.9	02=11.4	28=27.8	04=58.5	16=38.1	05 out	12 55 16.9	11=54.4	28=14.1	16=57.3	25=21.1	09=51.3	08 8 15.9	19=09.9	02=11.4	28=27.8	04=58.5	16=38.1
06 out	12 59 12.4	12=53.5	10=51.1	18=38.5	26=35.7	10=26.4	08 8 09.3	19=17.2	02=09.0	28=26.7	04=59.1	16=38.2	06 out	12 59 12.4	12=53.5	10=51.1	18=38.5	26=35.7	10=26.4	08 8 09.3	19=17.2	02=09.0	28=26.7	04=59.1	16=38.2
07 out	13 3 9.0	13=52.7	23=14.4	20=18.9	27=50.4	11=01.5	08 8 02.6	19=24.5	02=06.7	28=25.7	04=59.7	16=38.2	07 out	13 3 9.0	13=52.7	23=14.4	20=18.9	27=50.4	11=01.5	08 8 02.6	19=24.5	02=06.7	28=25.7	04=59.7	16=38.2
08 out	13 7 5.5	14=51.8	05=27.2	21=58.5	29=05.0	11=36.4	07 8 55.8	19=31.8	02=04.4	28=24.7	05=00.4	16=28.0	08 out	13 7 5.5	14=51.8	05=27.2	21=58.5	29=05.0	11=36.4	07 8 55.8	19=31.8	02=04.4	28=24.7	05=00.4	16=28.0
09 out	13 11 2.1	15=51.1	17=31.9	23=37.3	00=19.6	12=11.2	07 8 48.8	19=39.1	02=02.0	28=23.7	05=01.1	16=27.6	09 out	13 11 2.1	15=51.1	17=31.9	23=37.3	00=19.6	12=11.2	07 8 48.8	19=39.1	02=02.0	28=23.7	05=01.1	16=27.6
10 out	13 14 58.6	16=50.3	29=30.8	25=15.3	01=34.2	13=45.9	07 8 41.8	19=46.4	01=59.7	28=22.7	05=01.8	16=27.9	10 out	13 14 58.6	16=50.3	29=30.8	25=15.3	01=34.2	13=45.9	07 8 41.8	19=46.4	01=59.7	28=22.7	05=01.8	16=27.9
11 out	13 18 55.2	17=49.6	11=25.4	26=52.6	02=48.8	14=20.6	07 8 34.6	19=53.8	01=57.4	28=21.8	05=02.5	15=27.9	11 out	13 18 55.2	17=49.6	11=25.4	26=52.6	02=48.8	14=20.6	07 8 34.6	19=53.8	01=57.4	28=21.8	05=02.5	15=27.9
12 out	13 22 51.7	18=48.9	23=17.1	28=29.2	04=03.4	15=55.1	07 8 27.3	20=01.1	01=55.2	28=20.9	05=03.3	15=28.6	12 out	13 22 51.7	18=48.9	23=17.1	28=29.2	04=03.4	15=55.1	07 8 27.3	20=01.1	01=55.2	28=20.9	05=03.3	15=28.6
13 out	13 26 48.3	19=48.3	05=07.5	00=05.0	05=18.0	16=42.9	07 8 20.0	20=08.4	01=52.9	28=20.0	05=04.2	15=28.9	13 out	13 26 48.3	19=48.3	05=07.5	00=05.0	05=18.0	16=42.9	07 8 20.0	20=08.4	01=52.9	28=20.0	05=04.2	15=28.9
14 out	13 30 44.9	20=47.7	16=58.4	01=40.1	06=32.6	15=03.7	07 8 12.5	20=15.7	01=50.6	28=19.2	05=05.0	15=28.4	14 out	13 30 44.9	20=47.7	16=58.4	01=40.1	06=32.6	15=03.7	07 8 12.5	20=15.7	01=50.6	28=19.2	05=05.0	15=28.4
15 out	13 34 41.4	21=47.1	28=52.1	03=14.6	07=47.2	15=07.9	07 8 04.9	20=23.1	01=48.4	28=18.4	05=05.9	15=28.2	15 out	13 34 41.4	21=47.1	28=52.1	03=14.6	07=47.2	15=07.9	07 8 04.9	20=23.1	01=48.4	28=18.4	05=05.9	15=28.2
16 out	13 38 38.0	22=46.6	10=51.4	04=48.3	09=01.8	16=11.9	06 8 57.3	20=30.4	01=46.2	28=17.6	05=06.8	15=28.1	16 out	13 38 38.0	22=46.6	10=51.4	04=48.3	09=01.8	16=11.9	06 8 57.3	20=30.4	01=46.2	28=17.6	05=06.8	15=28.1
17 out	13 42 34.5	23=46.1	22=59.9	06=21.4	10=16.4	16=45.9	06 8 49.6	20=37.7	01=44.0	28=16.8	05=07.7	15=28.1	17 out	13 42 34.5	23=46.1	22=59.9	06=21.4	10=16.4	16=45.9	06 8 49.6	20=37.7	01=44.0	28=16.8	05=07.7	15=28.1
18 out	13 46 31.1	24=45.6	05=21.5	07=53.9	11=31.0	17=19.7	06 8 41.8	20=45.0	01=41.9	28=16.0	05=08.7	15=28.2	18 out	13 46 31.1	24=45.6	05=21.5	07=53.9	11=31.0	17=19.7	06 8 41.8	20=45.0	01=41.9	28=16.0	05=08.7	15=28.2
19 out	13 50 27.6	25=45.2	18=00.8	09=25.8	12=45.6	17=53.4	06 8 34.0	20=52.4	01=39.7	28=15.4	05=09.7	15=28.5	19 out	13 50 27.6	25=45.2	18=00.8	09=25.8	12=45.6	17=53.4	06 8 34.0	20=52.4	01=39.7	28=15.4	05=09.7	15=28.5
20 out	13 54 24.2	26=44.8	01=02.0	10=57.0	14=00.2	18=27.0	06 8 26.1	20=59.7	01=37.6	28=14.7	05=10.7	15=28.9	20 out	13 54 24.2	26=44.8	01=02.0	10=57.0	14=00.2	18=27.0	06 8 26.1	20=59.7	01=37.6	28=14.7	05=10.7	15=28.9
21 out	13 58 20.7	27=44.4	14=29.0	12=57.6	15=14.8	19=00.4	06 8 18.1	21=07.0	01=35.5	28=14.1	05=11.8	15=29.0	21 out	13 58 20.7	27=44.4	14=29.0	12=57.6	15=14.8	19=00.4	06 8 18.1	21=07.0	01=35.5	28=14.1	05=11.8	15=29.0
22 out	14 2 17.3	28=44.1	28=24.2	13=57.6	16=29.5	19=03.7	06 8 10.1	21=14.3	01=33.4	28=13.5	05=12.8	15=29.3	22 out	14 2 17.3	28=44.1	28=24.2	13=57.6	16=29.5	19=03.7	06 8 10.1	21=14.3	01=33.4	28=13.5	05=12.8	15=29.3
23 out	14 6 13.9	29=43.8	12=47.4	15=26.9	17=44.1	20=06.9	06 8 02.0	21=21.8	01=31.4	28=12.9	05=13.9	15=29.3	23 out	14 6 13.9	29=43.8	12=47.4	15=26.9	17=44.1	20=06.9	06 8 02.0	21=21.8	01=31.4	28=12.9	05=13.9	15=29.3
24 out	14 10 10.4	00=43.6	27=35.8	16=55.7	18=58.7	20=40.0	05 8 54.0	21=28.6	01=29.4	28=12.3	05=15.1	15=29.2	24 out	14 10 10.4	00=43.6	27=35.8	16=55.7	18=58.7	20=40.0	05 8 54.0	21=28.6	01=29.4	28=12.3	05=15.1	15=29.2
25 out	14 14 7.0	01=43.4	12=42.4	18=23.8	20=13.3	21=12.9	05 8 45.8	21=36.1	01=27.4	28=11.8	05=16.2	15=29.8	25 out	14 14 7.0	01=43.4	12=42.4	18=23.8	20=13.3	21=12.9	05 8 45.8	21=36.1	01=27.4	28=11.8	05=16.2	15=29.8
26 out	14 18 3.5	02=43.2	22=59.0	19=51.2	21=27.9	21=45.7	05 8 37.7	21=43.3	01=25.4	28=11.3	05=17.4	14=29.9	26 out	14 18 3.5	02=43.2	22=59.0	19=51.2	21=27.9	21=45.7	05 8 37.7	21=43.3	01=25.4	28=11.3	05=17.4	14=29.9
27 out	14 22 0.1	03=43.1	13=13.7	21=18.1	22=42.5	22=18.3	05 8 29.6	21=50.6	01=23.5	28=10.9	05=18.6	14=29.2	27 out	14 22 0.1	03=43.1	13=13.7	21=18.1	22=42.5	22=18.3	05 8 29.6	21=50.6	01=23.5	28=10.9	05=18.6	14=29.2
28 out	14 25 56.6	04=43.0	28=16.7	22=44.2	23=57.1	22=45.0	05 8 21.4	21=57.8	01=21.6	28=10.5	05=19.9	14=29.3	28 out	14 25 56.6	04=43.0	28=16.7	22=44.2	23=57.1	22=45.0	05 8 21.4	21=57.8	01=21.6	28=10.5	05=19.9	14=29.3
29 out	14 29 53.2	05=42.9	12=59.4	24=09.6	25=11.7	23=23.2	05 8 13.3	22=05.0	01=19.7	28=10.1	05=21.2	14=29.4	29 out	14 29 53.2	05=42.9	12=59.4	24=09.6	25=11.7	23=23.2	05 8 13.3	22=05.0	01=19.7	28=10.1	05=21.2	14=29.4
30 out	14 33 49.7	06=42.9	27=16.4	25=34.3	26=36.0	24=05.4	05 8 05.1	22=12.2	01=17.9	28=09.7	05=22.5	14=29.1	30 out	14 33 49.7	06=42.9	27=16.4	25=34.3	26=36.0	24=05.4	05 8 05.1	22=12.2	01=17.9	28=09.7	05=22.5	14=29.1
31 out	14 37 46.3	07=42.9	11=05.8	26=58.2	27=40.9	24=27.5	04 8 57.0	22=19.4	01=16.1	28=09.4	05=23.8	14=29.0	31 out	14 37 46.3	07=42.9	11=05.8	26=58.2	27=40.9	24=27.5	04 8 57.0	22=19.4	01=16.1	28=09.4	05=23.8	14=29.0

# NOVEMBRO DE 2011

Tropical Ephemeris - terça-feira, 01 nov 2011 at noon, Greenwich Julian Day = 2455867,0													Tropical Ephemeris - terça-feira, 01 nov 2011 at noon, Greenwich Julian Day = 2455867,0												
Long.	Sidereal Time	Sun	Moon	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	N. Node	Dec1.	Sidereal Time	Sun	Moon	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	N. Node
h m s	s	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	h m s	s	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
01 nov	14 41 42.8	08=42.9	24=28.1	28=21.3	28=55.5	24=59.4	04 8 48.8	22=26.5	01=14.3	28=09.1	05=25.1	14=29.5	01 nov	14 41 42.8	08=42.9	24=28.1	28=21.3	28=55.5	24=59.4	04 8 48.8	22=26.5	01=14.3	28=09.1	05=25.1	14=29.5
02 nov	1																								



# DEZEMBRO DE 2011

Tropical Ephemeris - quinta-feira, 01 dez 2011 at noon, Greenwich SVP = 05 X 05.30 True Ayanamsa = 24d 01m 41s Julian Day = 2455897.0													Tropical Ephemeris - quinta-feira, 01 dez 2011 at noon, Greenwich SVP = 05 X 05.30 True Ayanamsa = 24d 01m 41s Julian Day = 2455897.0												
Long.	Sidereal Time	Sun	Moon	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	N. Node	Dec1.	Sidereal Time	Sun	Moon	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	N. Node
	h m s	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "		h m s	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
01 dez	16 39 59.5	08 56.2	28 32.9	15 381	06 10.5	09 32.9	01 8 226	25 46.0	00 402	28 16.2	06 15.7	14 21.8	01 dez	16 39 59.5	21 47.3	07 11.6	22 21.5	24 44.2	10 01.4	10 39.4	07 47.7	00 24.9	12 35.4	19 18.9	22 31.3
02 dez	16 43 56.1	09 57.0	10 56.0	14 226	07 24.9	09 58.6	01 8 179	25 51.9	00 398	28 17.0	06 17.7	14 21.8	02 dez	16 43 56.1	21 56.4	02 34.3	21 52.8	24 42.1	09 52.9	10 39.0	07 49.7	00 25.1	12 35.1	19 19.0	22 31.3
03 dez	16 47 52.6	10 57.9	23 04.0	13 021	08 39.2	10 24.0	01 8 133	25 57.8	00 394	28 17.8	06 19.7	14 21.7	03 dez	16 47 52.6	22 05.2	02 03.3	21 53.1	24 39.2	09 44.4	10 36.6	07 51.7	00 25.2	12 34.9	19 19.0	22 31.3
04 dez	16 51 49.2	11 58.7	05 01.6	11 394	09 53.6	10 49.1	01 8 088	26 03.7	00 391	28 18.6	06 21.6	14 21.4	04 dez	16 51 49.2	22 13.5	06 32.5	20 53.1	24 35.6	09 36.1	10 35.4	07 53.7	00 25.3	12 34.6	19 19.1	22 31.3
05 dez	16 55 45.7	12 59.6	16 53.2	10 172	11 07.9	11 13.9	01 8 046	26 09.5	00 388	28 19.4	06 23.6	14 21.2	05 dez	16 55 45.7	22 21.3	10 45.2	20 53.7	24 31.3	09 27.8	10 34.2	07 55.6	00 25.3	12 34.3	19 19.1	22 31.2
06 dez	16 59 42.3	14 00.5	28 43.0	08 583	12 22.2	11 38.5	01 8 006	26 15.2	00 386	28 20.3	06 25.7	14 21.1	06 dez	16 59 42.3	22 28.8	14 33.1	19 55.6	24 26.2	09 19.7	10 33.0	07 57.5	00 25.4	12 33.9	19 19.2	22 31.2
07 dez	17 3 38.8	15 01.3	10 34.7	07 452	13 36.5	12 02.8	00 8 567	26 20.8	00 384	28 21.3	06 27.7	14 21.2	07 dez	17 3 38.8	22 35.8	17 47.3	19 29.9	24 20.4	09 11.6	10 32.0	07 59.4	00 25.4	12 33.6	19 19.2	22 31.2
08 dez	17 7 35.4	16 02.3	22 31.4	06 401	14 50.8	12 26.8	00 8 531	26 26.4	00 383	28 22.2	06 29.7	14 21.4	08 dez	17 7 35.4	22 42.3	20 18.1	19 07.0	24 13.8	09 03.7	10 31.0	08 01.2	00 25.4	12 33.3	19 19.3	22 31.2
09 dez	17 11 32.0	17 03.2	04 35.7	05 446	16 05.0	12 50.4	00 8 496	26 32.0	00 383	28 23.2	06 31.8	14 21.6	09 dez	17 11 32.0	22 48.5	21 56.1	18 47.6	24 06.5	08 55.9	10 30.0	08 03.0	00 25.4	12 32.9	19 19.3	22 31.3
10 dez	17 15 28.5	18 04.1	16 49.5	04 598	17 19.3	13 13.8	00 8 463	26 37.4	00 382	28 24.2	06 33.8	14 21.7	10 dez	17 15 28.5	22 54.1	22 03.1	18 32.1	23 58.5	08 48.2	10 29.2	08 04.8	00 25.4	12 32.6	19 19.4	22 31.3
11 dez	17 19 25.1	19 05.1	29 14.4	04 262	18 33.5	13 36.9	00 8 433	26 42.8	00 383	28 25.3	06 35.9	14 21.4	11 dez	17 19 25.1	22 59.3	22 04.0	18 20.5	23 49.8	08 40.6	10 28.4	08 06.6	00 25.3	12 32.2	19 19.4	22 31.3
12 dez	17 23 21.6	20 06.0	11 51.3	04 039	19 47.6	13 59.6	00 8 404	26 48.2	00 384	28 26.4	06 37.9	14 21.0	12 dez	17 23 21.6	23 04.1	20 27.9	18 12.9	23 40.3	08 33.1	10 27.6	08 08.3	00 25.3	12 31.8	19 19.4	22 31.2
13 dez	17 27 18.2	21 07.0	24 51.0	03 527	21 01.8	14 22.0	00 8 377	26 53.5	00 385	28 27.5	06 40.0	14 21.0	13 dez	17 27 18.2	23 08.4	17 48.5	18 09.1	23 30.2	08 25.7	10 27.0	08 10.0	00 25.2	12 31.4	19 19.4	22 31.1
14 dez	17 31 14.7	22 08.0	07 44.0	03 520	22 16.0	14 44.1	00 8 352	26 58.7	00 387	28 28.6	06 42.1	14 18.8	14 dez	17 31 14.7	23 12.3	14 13.4	18 09.0	23 19.3	08 18.5	10 26.4	08 11.7	00 25.1	12 31.0	19 19.5	22 31.0
15 dez	17 35 11.3	23 09.0	21 00.9	04 01.1	23 30.1	15 05.8	00 8 330	27 03.8	00 390	28 29.8	06 44.2	14 17.7	15 dez	17 35 11.3	23 15.6	09 53.0	18 12.0	23 07.7	08 11.4	10 25.9	08 13.4	00 24.9	12 30.6	19 19.5	22 30.8
16 dez	17 39 7.8	24 10.1	04 31.9	04 19.2	24 44.2	15 27.2	00 8 309	27 08.8	00 391	28 31.0	06 46.3	14 16.7	16 dez	17 39 7.8	23 18.6	04 59.7	18 17.9	22 55.5	08 04.4	10 25.5	08 15.0	00 24.8	12 30.2	19 19.5	22 30.7
17 dez	17 43 4.4	25 11.1	18 17.1	04 45.6	25 58.3	15 48.2	00 8 290	27 13.8	00 396	28 32.3	06 48.4	14 16.1	17 dez	17 43 4.4	23 21.0	00 13.2	18 26.3	22 42.6	07 57.6	10 25.1	08 16.6	00 24.6	12 29.7	19 19.5	22 30.6
18 dez	17 47 1.0	26 12.2	02 16.3	05 19.3	27 12.3	16 08.8	00 8 274	27 18.7	00 400	28 33.5	06 50.5	14 16.0	18 dez	17 47 1.0	23 23.0	05 30.7	18 36.9	22 29.0	07 51.0	10 24.8	08 18.1	00 24.4	12 29.3	19 19.6	22 30.6
19 dez	17 50 57.5	27 13.3	16 28.4	05 59.6	28 26.4	16 29.1	00 8 259	27 23.6	00 405	28 34.8	06 52.6	14 16.6	19 dez	17 50 57.5	23 24.5	10 36.1	18 49.2	22 14.8	07 44.4	10 24.6	08 19.7	00 24.2	12 28.8	19 19.6	22 30.7
20 dez	17 54 54.1	28 14.4	00 51.6	06 45.8	29 34.0	16 49.0	00 8 247	27 28.3	00 410	28 36.1	06 54.8	14 17.6	20 dez	17 54 54.1	23 25.6	15 10.4	19 03.0	21 59.9	07 38.1	10 24.5	08 21.2	00 23.9	12 28.4	19 19.6	22 30.8
21 dez	17 58 50.6	29 15.5	15 22.7	07 37.2	30 44.0	17 08.4	00 8 236	27 33.0	00 415	28 37.5	06 56.9	14 18.7	21 dez	17 58 50.6	23 26.1	18 53.3	19 17.9	21 44.4	07 31.9	10 24.4	08 22.6	00 23.7	12 27.9	19 19.6	22 30.9
22 dez	18 2 47.2	30 16.6	29 57.4	08 33.1	31 58.4	17 27.5	00 8 228	27 37.6	00 421	28 38.9	06 59.0	14 19.8	22 dez	18 2 47.2	23 26.2	21 25.1	19 33.7	21 28.3	07 25.8	10 24.4	08 24.1	00 23.4	12 27.4	19 19.6	22 31.1
23 dez	18 6 43.7	01 17.7	14 30.2	09 33.1	33 12.3	17 46.2	00 8 222	27 42.2	00 428	28 40.3	07 01.2	14 20.2	23 dez	18 6 43.7	23 25.9	22 31.0	19 50.0	21 11.5	07 19.9	10 24.5	08 25.5	00 23.1	12 26.9	19 19.6	22 31.1
24 dez	18 10 40.3	02 18.9	28 55.3	10 36.6	34 26.2	18 04.4	00 8 218	27 46.6	00 435	28 41.7	07 03.3	14 19.9	24 dez	18 10 40.3	23 25.0	22 05.9	20 06.8	20 54.1	07 14.2	10 24.6	08 26.9	00 22.8	12 26.4	19 19.6	22 31.1
25 dez	18 14 36.8	03 20.0	13 06.8	11 43.2	35 40.1	18 22.2	00 8 216	27 51.0	00 443	28 43.2	07 05.4	14 19.6	25 dez	18 14 36.8	23 23.7	20 15.6	20 23.7	20 36.2	07 08.7	10 24.8	08 28.2	00 22.4	12 25.9	19 19.6	22 30.9
26 dez	18 18 33.4	04 21.2	26 56.0	12 52.5	36 54.0	18 39.5	00 8 216	27 55.3	00 445	28 44.7	07 07.6	14 19.3	26 dez	18 18 33.4	23 22.0	17 14.9	20 40.7	20 17.6	07 03.3	10 25.1	08 29.5	00 22.1	12 25.4	19 19.6	22 30.6
27 dez	18 22 30.0	05 22.3	10 31.8	14 04.3	38 07.8	18 56.4	00 8 219	27 59.5	00 445	28 46.2	07 09.7	14 19.1	27 dez	18 22 30.0	23 19.7	13 23.0	20 57.5	19 58.5	06 58.2	10 25.5	08 30.8	00 21.7	12 24.8	19 19.6	22 30.3
28 dez	18 26 26.5	06 23.5	23 40.8	15 18.2	39 21.6	19 12.9	00 8 223	28 03.6	00 446	28 47.8	07 11.9	14 18.6	28 dez	18 26 26.5	23 17.0	08 58.7	21 14.0	19 38.9	06 53.2	10 26.0	08 32.1	00 21.3	12 24.3	19 19.5	22 29.9
29 dez	18 30 23.1	07 24.6	06 27.8	16 33.9	40 35.4	19 28.8	00 8 230	28 07.6	00 447	28 49.3	07 14.0	14 18.1	29 dez	18 30 23.1	23 13.8	04 18.2	21 30.2	19 18.7	06 48.4	10 26.5	08 33.3	00 20.9	12 23.7	19 19.5	22 29.5
30 dez	18 34 19.6	08 25.8	18 54.8	17 51.4	41 49.1	19 44.3	00 8 238	28 11.6	00 448	28 50.9	07 16.2	14 17.3	30 dez	18 34 19.6	23 10.2	00 25.4	21 45.8	18 57.9	06 43.8	10 27.1	08 34.5	00 20.4	12 23.2	19 19.5	22 29.1
31 dez	18 38 16.2	09 26.9	01 05.5	19 10.3	43 02.7	19 59.3	00 8 249	28 15.4	00 449	28 52.5	07 18.3	14 16.3	31 dez	18 38 16.2	23 06.1	05 02.0	22 00.8	18 36.6	06 39.4	10 27.7	08 35.6	00 20.0	12 22.6	19 19.5	22 28.9