

EFEMÉRIDES CIENTÍFICA E SIMPLIFICADA - ROSACRUZ

CALCULADA PARA O MEIO-DIA DE GREENWICH

JANEIRO DE 1989

Longitude dos Astros

Tropical Ephemeris - domingo, 01 jan 1989 at noon, Greenwich SVP = 05 x 24.67 True Ayanamsa = 23d 42m 19s
Julian Day = 2447528.0

Long.	Sidereal Time	Sun	Moon	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	N.	Node
	h m s	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
01 jan	18 44 27.6	11 v 03.8	25 = 10.4	28 v 05.8	18 = 25.7	20 r 27.5	26 8 415	05 v 39.5	01 v 47.3	09 v 56.7	14 m 34.2	06 x 373	
02 jan	18 48 24.2	12 v 04.9	07 m 20.3	29 v 32.9	19 = 40.7	20 r 58.2	26 8 378	05 v 46.6	01 v 50.9	09 v 59.0	14 m 35.7	06 x 335	
03 jan	18 52 20.7	13 v 06.1	19 m 47.3	00 = 58.0	20 = 55.8	21 r 29.1	26 8 343	05 v 53.6	01 v 54.5	10 v 01.3	14 m 37.2	06 x 275	
04 jan	18 56 17.3	14 v 07.3	02 = 34.9	02 = 20.7	22 = 10.8	22 r 00.2	26 8 309	06 v 00.7	01 v 58.1	10 v 03.6	14 m 38.7	06 x 197	
05 jan	19 0 13.9	15 v 08.4	15 = 44.8	03 = 40.5	23 = 25.9	22 r 31.5	26 8 278	06 v 07.7	02 v 01.6	10 v 05.8	14 m 40.2	06 x 108	
06 jan	19 4 10.4	16 v 09.6	29 = 17.1	04 = 56.9	24 = 41.0	23 r 02.9	26 8 249	06 v 14.8	02 v 05.2	10 v 08.1	14 m 41.6	06 x 017	
07 jan	19 8 7.0	17 v 10.8	13 v 09.6	06 = 09.3	25 = 56.0	23 r 34.5	26 8 221	06 v 21.8	02 v 08.7	10 v 10.4	14 m 43.0	05 x 534	
08 jan	19 12 3.5	18 v 12.0	27 v 18.5	07 = 16.9	27 = 11.1	24 r 06.3	26 8 196	06 v 28.8	02 v 12.2	10 v 12.6	14 m 44.4	05 x 468	
09 jan	19 16 0.1	19 v 13.1	11 = 38.5	08 = 19.2	28 = 26.2	24 r 38.2	26 8 173	06 v 35.8	02 v 15.8	10 v 14.9	14 m 45.7	05 x 422	
10 jan	19 19 56.6	20 v 14.3	26 = 04.2	09 = 15.3	29 = 41.3	25 r 10.3	26 8 152	06 v 42.8	02 v 19.2	10 v 17.1	14 m 47.0	05 x 398	
11 jan	19 23 53.2	21 v 15.4	10 = 30.2	10 = 04.2	00 = 56.4	25 r 42.5	26 8 133	06 v 49.7	02 v 22.7	10 v 19.4	14 m 48.3	05 x 394	
12 jan	19 27 49.7	22 v 16.6	24 = 52.2	10 = 45.3	02 v 11.5	26 r 14.9	26 8 115	06 v 56.7	02 v 26.2	10 v 21.6	14 m 49.5	05 x 40.1	
13 jan	19 31 46.3	23 v 17.7	09 r 07.4	11 = 17.4	03 v 26.6	26 r 47.4	26 8 100	07 v 03.6	02 v 29.7	10 v 23.8	14 m 50.7	05 x 41.3	
14 jan	19 35 42.9	24 v 18.8	23 r 13.8	11 = 39.9	04 v 41.7	27 r 20.1	26 8 087	07 v 10.5	02 v 33.1	10 v 26.1	14 m 51.9	05 x 42.0	
15 jan	19 39 39.4	25 v 20.0	07 8 10.4	11 = 51.8	05 v 56.9	27 r 52.9	26 8 077	07 v 17.4	02 v 36.5	10 v 28.3	14 m 53.0	05 x 416	
16 jan	19 43 36.0	26 v 21.1	20 8 56.6	11 = 52.6	07 v 12.0	28 r 25.9	26 8 068	07 v 24.2	02 v 39.9	10 v 30.5	14 m 54.1	05 x 395	
17 jan	19 47 32.5	27 v 22.1	04 x 31.8	11 = 41.7	08 v 27.1	28 r 58.9	26 8 061	07 v 31.1	02 v 43.3	10 v 32.7	14 m 55.2	05 x 357	
18 jan	19 51 29.1	28 v 23.2	17 8 55.3	11 = 19.2	09 v 42.2	29 r 32.1	26 8 056	07 v 37.9	02 v 46.6	10 v 34.9	14 m 56.3	05 x 305	
19 jan	19 55 25.6	29 v 24.3	01 8 06.5	10 = 45.2	10 v 57.3	00 8 05.4	26 8 054	07 v 44.7	02 v 50.0	10 v 37.0	14 m 57.3	05 x 244	
20 jan	19 59 22.2	00 = 25.3	14 8 04.6	10 = 00.2	12 v 12.4	00 8 38.8	26 8 053	07 v 51.4	02 v 53.3	10 v 39.2	14 m 58.2	05 x 181	
21 jan	20 3 18.7	01 = 26.3	26 8 49.2	09 = 05.4	13 v 27.5	01 8 12.3	26 8 05.5	07 v 58.1	02 v 56.6	10 v 41.4	14 m 59.2	05 x 123	
22 jan	20 7 15.3	02 = 27.4	09 8 20.1	08 = 02.2	14 v 42.6	01 8 45.9	26 8 05.9	08 v 04.8	02 v 59.9	10 v 43.5	15 m 00.1	05 x 078	
23 jan	20 11 11.9	03 = 28.4	21 8 37.9	06 = 52.4	15 v 57.7	02 8 19.7	26 8 06.4	08 v 11.5	03 v 03.1	10 v 45.7	15 m 00.9	05 x 049	
24 jan	20 15 8.4	04 = 29.4	03 m 44.1	05 = 38.3	17 v 12.9	02 8 53.5	26 8 07.2	08 v 18.1	03 v 06.4	10 v 47.8	15 m 01.8	05 x 036	
25 jan	20 19 5.0	05 = 30.4	15 m 40.8	04 = 22.1	18 v 28.0	03 8 27.4	26 8 08.2	08 v 24.7	03 v 09.6	10 v 49.9	15 m 02.6	05 x 03.7	
26 jan	20 23 1.5	06 = 31.3	27 m 31.2	03 = 06.1	19 v 43.1	04 8 01.4	26 8 09.4	08 v 31.3	03 v 12.8	10 v 52.0	15 m 03.3	05 x 04.9	
27 jan	20 26 58.1	07 = 32.3	09 = 19.0	01 = 52.4	20 v 58.2	04 8 35.5	26 8 10.7	08 v 37.8	03 v 15.9	10 v 54.1	15 m 04.1	05 x 06.4	
28 jan	20 30 54.6	08 = 33.3	21 = 08.7	00 = 43.0	22 v 13.3	05 8 09.8	26 8 12.3	08 v 44.3	03 v 19.0	10 v 56.2	15 m 04.8	05 x 07.6	
29 jan	20 34 51.2	09 = 34.2	03 8 05.0	29 v 39.5	23 v 28.5	05 8 44.1	26 8 14.1	08 v 50.7	03 v 22.1	10 v 58.2	15 m 05.4	05 x 08.1	
30 jan	20 38 47.7	10 = 35.1	15 m 13.0	28 v 43.0	24 v 43.6	06 8 18.4	26 8 16.1	08 v 57.2	03 v 25.2	11 v 00.3	15 m 06.0	05 x 074	
31 jan	20 42 44.3	11 = 36.1	27 m 37.5	27 v 54.5	25 v 58.7	06 8 52.9	26 8 18.3	09 v 03.5	03 v 28.3	11 v 02.3	15 m 06.6	05 x 056	

Declinação dos Astros

Tropical Ephemeris - domingo, 01 jan 1989 at noon, Greenwich SVP = 05 x 24.67 True Ayanamsa = 23d 42m 19s
Julian Day = 2447528.0

Decl.	Sidereal Time	Sun	Moon	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	N.	Node
	h m s	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
01 jan	18 44 27.6	22 s 58.8	13 s 18.9	22 s 22.7	22 s 08.4	08 n 30.4	18 n 32.7	22 s 36.2	23 s 38.9	22 s 10.0	01 s 16.2	09 s 04.9	
02 jan	18 48 24.2	22 s 53.5	18 s 10.8	21 s 59.2	22 s 17.0	08 n 43.2	18 n 32.0	22 s 36.0	23 s 38.8	22 s 09.9	01 s 16.2	09 s 06.3	
03 jan	18 52 20.7	22 s 47.7	22 s 23.8	21 s 34.6	22 s 25.0	08 n 55.9	18 n 31.5	22 s 35.7	23 s 38.8	22 s 09.7	01 s 16.2	09 s 08.5	
04 jan	18 56 17.3	22 s 41.5	25 s 40.5	21 s 09.0	22 s 32.2	09 n 08.7	18 n 31.0	22 s 35.5	23 s 38.7	22 s 09.6	01 s 16.3	09 s 11.4	
05 jan	19 0 13.9	22 s 34.9	27 s 41.3	20 s 42.6	22 s 38.8	09 n 21.4	18 n 30.5	22 s 35.2	23 s 38.7	22 s 09.4	01 s 16.2	09 s 14.7	
06 jan	19 4 10.4	22 s 27.8	28 s 08.3	20 s 15.5	22 s 44.7	09 n 34.2	18 n 30.1	22 s 34.9	23 s 38.7	22 s 09.2	01 s 16.2	09 s 18.1	
07 jan	19 8 7.0	22 s 20.2	26 s 50.9	19 s 47.9	22 s 49.9	09 n 47.0	18 n 29.7	22 s 34.7	23 s 38.6	22 s 09.1	01 s 16.2	09 s 21.1	
08 jan	19 12 3.5	22 s 12.2	23 s 50.0	19 s 20.1	22 s 54.4	09 n 59.7	18 n 29.4	22 s 34.4	23 s 38.6	22 s 08.9	01 s 16.2	09 s 23.6	
09 jan	19 16 0.1	22 s 03.8	19 s 18.7	18 s 52.4	22 s 58.2	10 n 12.5	18 n 29.1	22 s 34.1	23 s 38.5	22 s 08.7	01 s 16.1	09 s 25.2	
10 jan	19 19 56.6	21 s 54.9	13 s 38.2	18 s 25.0	23 s 01.3	10 n 25.3	18 n 28.8	22 s 33.8	23 s 38.5	22 s 08.6	01 s 16.0	09 s 26.1	
11 jan	19 23 53.2	21 s 45.6	07 s 13.4	17 s 58.2	23 s 03.8	10 n 38.0	18 n 28.7	22 s 33.5	23 s 38.4	22 s 08.4	01 s 16.0	09 s 26.3	
12 jan	19 27 49.7	21 s 35.9	00 s 28.3	17 s 32.5	23 s 05.5	10 n 50.8	18 n 28.5	22 s 33.2	23 s 38.4	22 s 08.2	01 s 15.9	09 s 26.0	
13 jan	19 31 46.3	21 s 25.8	06 n 14.6	17 s 08.2	23 s 06.5	11 n 03.5	18 n 28.4	22 s 32.9	23 s 38.3	22 s 08.1	01 s 15.8	09 s 25.6	
14 jan	19 35 42.9	21 s 15.3	12 n 34.6	16 s 45.8	23 s 06.8	11 n 16.2	18 n 28.4	22 s 32.5	23 s 38.3	22 s 07.9	01 s 15.6	09 s 25.3	
15 jan	19 39 39.4	21 s 04.3	18 n 12.3	16 s 25.5	23 s 06.4	11 n 28.9	18 n 28.4	22 s 32.2	23 s 38.2	22 s 07.7	01 s 15.5	09 s 25.5	
16 jan	19 43 36.0	20 s 53.0	22 n 49.1	16 s 07.8	23 s 05.3	11 n 41.5	18 n 28.4	22 s 31.9	23 s 38.2	22 s 07.5	01 s 15.4	09 s 26.2	
17 jan	19 47 32.5	20 s 41.2	26 n 07.8	15 s 53.0	23 s 03.4	11 n 54.2	18 n 28.5	22 s 31.6	23 s 38.1	22 s 07.4	01 s 15.2	09 s 27.6	
18 jan	19 51 29.1	20 s 29.1	27 n 55.5	15 s 41.4	23 s 00.9	12 n 06.8	18 n 28.7	22 s 31.2	23 s 38.0	22 s 07.2	01 s 15.0	09 s 29.5	
19 jan	19 55 25.6	20 s 16.6	28 n 06.2	15 s 33.1	22 s 57.7	12 n 19.4	18 n 28.9	22 s 30.9	23 s 38.0	22 s 07.0	01 s 14.9	09 s 31.8	
20 jan	19 59 22.2	20 s 03.7	26 n 43.1	15 s 28.3	22 s 53.7	12 n 31.9	18 n 29.1	22 s 30.5	23 s 37.9	22 s 06.9	01 s 14.7	09 s 34.1	
21 jan	20 3 18.7	19 s 50.4	23 n 57.6	15 s 26.9	22 s 49.1	12 n 44.4	18 n 29.4	22 s 30.2	23 s 37.9	22 s 06.7	01 s 14.5	09 s 36.2	
22 jan	20 7 15.3	19 s 36.8	20 n 06.2	15 s 28.8	22 s 43.7	12 n 56.9	18 n 29.8	22 s 29.8	23 s 37.8	22 s 06.5	01 s 14.2	09 s 37.9	
23 jan	20 11 11.9	19 s 22.8	15 n 26.6	15 s 33.7	22 s 37.7	13 n 09.3	18 n 30.2	22 s 29.4	23 s 37.8	22 s 06.3	01 s 14.0	09 s 38.9	
24 jan	20 15 8.4	19 s 08.4	10 n 15.0	15 s 41.2	22 s 31.0	13 n 21.7	18 n 30.6	22 s 29.1	23 s 37.7	22 s 06.2	01 s 13.8	09 s 39.4	
25 jan	20 19 5.0	18 s 53.7	04 n 45.2	15 s 51.0	22 s 23.5	13 n 34.0	18 n 31.1	22 s 28.7	23 s 37.6	22 s 06.0	01 s 13.5	09 s 39.3	
26 jan	20 23 1.5	18 s 38.6	00 s 51.3	16 s 02.6	22 s 15.4	13 n 46.3	18 n 31.6	22 s 28.3	23 s 37.6	22 s 05.8	01 s 13.3	09 s 38.9	
27 jan	20 26 58.1	18 s 23.2	06 s 24.6	16 s 15.6	22 s 06.6	13 n 58.5	18 n 32.2	22 s 27.9	23 s 37.5	22 s 05.6	01 s 13.0	09 s 38.4	
28 jan	20 30 54.6	18 s 07.5	11 s 45.3	16 s 29.5	21 s 57.2	14 n 10.7	18 n 32.8	22 s 27.6	23 s 37.4	22 s 05.5	01 s 12.7	09 s 37.9	
29 jan	20 34 51.2	17 s 51.4	16 s 43.4	16 s 44.0	21 s 47.1	14 n 22.8	18 n 33.5	22 s 27.2	23 s 37.4	22 s 05.3	01 s 12.4	09 s 37.8	
30 jan	20 38 47.7	17 s 35.0	21 s 07.1	16 s 58.7	21 s 36.3	14 n 34.9	18 n 34.2	22 s 26.8	23 s 37.3	22 s 05.1	01 s 12.1	09 s 38.0	
31 jan	20 42 44.3	17 s 18.3	24 s 41.9	17 s 13.4	21 s 24.9	14 n 46.9	18 n 35.0	22 s 26.4	23 s 37.3	22 s 04.9	01 s 11.8	09 s 38.6	

FEVEREIRO DE 1989

Longitude dos Astros

Tropical Ephemeris - quarta-feira, 01 fev 1989 at noon, Greenwich SVP = 05 x 24.60 True Ayanamsa = 23d 42m 23s
Julian Day = 2447559.0

Long.	Sidereal Time	Sun	Moon	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	N. Node
	h m s	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
01 fev	20 46 40.9	12 37.0	10 22.8	27 144	27 13.8	07 827.5	26 820.7	09 109.9	03 31.3	11 104.3	15 107.2	05 028
02 fev	20 50 37.4	13 37.9	23 32.2	26 429	28 29.0	08 802.1	26 823.2	09 16.2	03 34.3	11 106.3	15 107.7	04 595
03 fev	20 54 34.0	14 38.7	07 107.3	26 201	29 44.1	08 836.8	26 826.0	09 22.4	03 37.2	11 108.3	15 108.2	04 560
04 fev	20 58 30.5	15 39.6	21 107.8	26 056	00 59.2	09 811.6	26 829.0	09 28.6	03 40.2	11 110.2	15 108.6	04 529
05 fev	21 2 27.1	16 40.4	05 30.7	25 592	02 14.3	09 846.5	26 832.2	09 34.8	03 43.1	11 112.2	15 109.0	04 505
06 fev	21 6 23.6	17 41.3	20 11.1	26 00.4	03 29.4	10 821.5	26 835.5	09 40.9	03 45.9	11 114.1	15 109.4	04 492
07 fev	21 10 20.2	18 42.1	05 01.8	26 08.7	04 44.5	10 856.5	26 839.1	09 46.9	03 48.8	11 116.0	15 109.7	04 488
08 fev	21 14 16.7	19 42.9	19 55.2	26 23.8	05 59.6	11 831.6	26 842.8	09 52.9	03 51.5	11 117.9	15 110.0	04 493
09 fev	21 18 13.3	20 43.6	04 43.6	26 45.0	07 14.7	12 806.8	26 846.8	09 58.9	03 54.3	11 119.8	15 110.3	04 503
10 fev	21 22 9.9	21 44.4	19 20.7	27 11.9	08 29.8	12 842.1	26 850.9	10 04.8	03 57.0	11 121.6	15 110.5	04 515
11 fev	21 26 6.4	22 45.1	03 42.0	27 44.0	09 44.9	13 817.4	26 855.2	10 10.7	03 59.7	11 123.4	15 110.7	04 526
12 fev	21 30 3.0	23 45.7	17 45.0	28 21.0	10 60.0	13 852.7	26 859.7	10 16.5	04 02.4	11 125.2	15 110.8	04 532
13 fev	21 33 59.5	24 46.4	01 28.6	29 02.3	12 15.0	14 828.2	27 804.4	10 22.2	04 05.0	11 127.0	15 111.0	04 532
14 fev	21 37 56.1	25 47.0	14 53.4	29 47.7	13 30.1	15 803.7	27 809.2	10 27.9	04 07.6	11 128.8	15 111.0	04 528
15 fev	21 41 52.6	26 47.6	28 00.6	00 36.9	14 45.1	15 839.2	27 814.2	10 33.6	04 10.1	11 130.5	15 111.1	04 519
16 fev	21 45 49.2	27 48.2	10 51.8	01 29.5	16 00.2	16 814.8	27 819.4	10 39.1	04 12.6	11 132.2	15 111.1	04 508
17 fev	21 49 45.7	28 48.7	23 28.8	02 25.2	17 15.2	16 850.4	27 824.8	10 44.6	04 15.1	11 133.9	15 111.1	04 497
18 fev	21 53 42.3	29 49.2	05 43.4	03 23.8	18 30.2	17 826.1	27 830.4	10 50.1	04 17.5	11 135.6	15 111.0	04 488
19 fev	21 57 38.8	00 49.7	18 07.4	04 25.2	19 45.2	18 801.9	27 836.1	10 55.5	04 19.9	11 137.2	15 110.9	04 483
20 fev	22 1 35.4	01 50.2	00 12.3	05 29.0	21 00.2	18 837.7	27 842.0	11 00.8	04 22.3	11 138.9	15 110.8	04 481
21 fev	22 5 32.0	02 50.6	12 10.0	06 35.1	22 15.2	19 813.5	27 848.0	11 06.1	04 24.6	11 140.5	15 110.6	04 482
22 fev	22 9 28.5	03 51.0	24 02.3	07 43.5	23 30.2	19 849.4	27 854.2	11 11.3	04 26.8	11 142.0	15 110.4	04 484
23 fev	22 13 25.1	04 51.4	05 51.5	08 53.9	24 45.2	20 825.3	28 800.6	11 16.5	04 29.1	11 143.6	15 110.1	04 487
24 fev	22 17 21.6	05 51.7	17 40.1	10 06.1	26 00.1	21 801.2	28 807.2	11 21.6	04 31.2	11 145.1	15 109.9	04 488
25 fev	22 21 18.2	06 52.0	29 31.3	11 20.2	27 15.1	21 837.2	28 813.9	11 26.6	04 33.4	11 146.6	15 109.6	04 488
26 fev	22 25 14.7	07 52.3	11 28.5	12 36.0	28 30.0	22 813.2	28 820.7	11 31.5	04 35.5	11 148.1	15 109.2	04 486
27 fev	22 29 11.3	08 52.6	23 35.7	13 53.4	29 45.0	22 849.3	28 827.7	11 36.4	04 37.5	11 149.5	15 108.8	04 484
28 fev	22 33 7.8	09 52.9	05 57.2	15 12.4	00 59.9	23 825.4	28 834.9	11 41.2	04 39.5	11 150.9	15 108.4	04 483

Declinação dos Astros

Tropical Ephemeris - quarta-feira, 01 fev 1989 at noon, Greenwich SVP = 05 x 24.60 True Ayanamsa = 23d 42m 23s
Julian Day = 2447559.0

Decl.	Sidereal Time	Sun	Moon	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	N. Node
	h m s	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
01 fev	20 46 40.9	17 s 01.3	27 s 10.7	17 s 27.8	21 s 12.8	14 n 58.8	18 n 35.8	22 s 26.0	23 s 37.2	22 s 04.8	01 s 11.4	09 s 39.7
02 fev	20 50 37.4	16 s 44.0	28 s 15.6	17 s 41.7	21 s 00.1	15 n 10.7	18 n 36.6	22 s 25.6	23 s 37.1	22 s 04.6	01 s 11.1	09 s 40.9
03 fev	20 54 34.0	16 s 26.4	27 s 41.8	17 s 55.0	20 s 46.7	15 n 22.5	18 n 37.5	22 s 25.2	23 s 37.1	22 s 04.4	01 s 10.8	09 s 42.2
04 fev	20 58 30.5	16 s 08.6	25 s 22.9	18 s 07.5	20 s 32.8	15 n 34.3	18 n 38.5	22 s 24.8	23 s 37.0	22 s 04.3	01 s 10.4	09 s 43.3
05 fev	21 2 27.1	15 s 50.4	21 s 24.1	18 s 19.2	20 s 18.2	15 n 46.0	18 n 39.4	22 s 24.4	23 s 36.9	22 s 04.1	01 s 10.0	09 s 44.2
06 fev	21 6 23.6	15 s 32.0	16 s 01.7	18 s 30.0	20 s 03.1	15 n 57.6	18 n 40.5	22 s 24.0	23 s 36.9	22 s 03.9	01 s 09.6	09 s 44.7
07 fev	21 10 20.2	15 s 13.3	09 s 39.2	18 s 39.7	19 s 47.3	16 n 09.1	18 n 41.5	22 s 23.5	23 s 36.8	22 s 03.8	01 s 09.2	09 s 44.8
08 fev	21 14 16.7	14 s 54.3	02 s 43.8	18 s 48.5	19 s 31.0	16 n 20.6	18 n 42.6	22 s 23.1	23 s 36.7	22 s 03.6	01 s 08.8	09 s 44.6
09 fev	21 18 13.3	14 s 35.1	04 n 17.7	18 s 56.1	19 s 14.1	16 n 32.0	18 n 43.8	22 s 22.7	23 s 36.7	22 s 03.4	01 s 08.4	09 s 44.2
10 fev	21 22 9.9	14 s 15.6	10 n 59.9	19 s 02.6	18 s 56.6	16 n 43.3	18 n 45.0	22 s 22.3	23 s 36.6	22 s 03.3	01 s 08.0	09 s 43.8
11 fev	21 26 6.4	13 s 55.9	17 n 00.0	19 s 07.9	18 s 38.6	16 n 54.5	18 n 46.2	22 s 21.9	23 s 36.5	22 s 03.1	01 s 07.6	09 s 43.4
12 fev	21 30 3.0	13 s 36.0	21 n 58.1	19 s 12.1	18 s 20.0	17 n 05.6	18 n 47.5	22 s 21.5	23 s 36.5	22 s 02.9	01 s 07.1	09 s 43.2
13 fev	21 33 59.5	13 s 15.9	25 n 37.2	19 s 15.0	18 s 01.0	17 n 16.7	18 n 48.8	22 s 21.1	23 s 36.4	22 s 02.8	01 s 06.7	09 s 43.2
14 fev	21 37 56.1	12 s 55.5	27 n 45.4	19 s 16.7	17 s 41.4	17 n 27.6	18 n 50.1	22 s 20.6	23 s 36.4	22 s 02.6	01 s 06.2	09 s 43.4
15 fev	21 41 52.6	12 s 35.0	28 n 17.4	19 s 17.2	17 s 21.3	17 n 38.5	18 n 51.5	22 s 20.2	23 s 36.3	22 s 02.4	01 s 05.8	09 s 43.7
16 fev	21 45 49.2	12 s 14.2	27 n 15.9	19 s 16.4	17 s 00.7	17 n 49.3	18 n 52.9	22 s 19.8	23 s 36.2	22 s 02.3	01 s 05.3	09 s 44.1
17 fev	21 49 45.7	11 s 53.3	24 n 51.0	19 s 14.3	16 s 39.7	17 n 59.9	18 n 54.4	22 s 19.4	23 s 36.2	22 s 02.1	01 s 04.8	09 s 44.5
18 fev	21 53 42.3	11 s 32.1	21 n 17.4	19 s 11.0	16 s 18.1	18 n 10.5	18 n 55.9	22 s 19.0	23 s 36.1	22 s 02.0	01 s 04.3	09 s 44.8
19 fev	21 57 38.8	11 s 10.8	16 n 51.2	19 s 06.3	15 s 56.1	18 n 21.0	18 n 57.4	22 s 18.6	23 s 36.1	22 s 01.8	01 s 03.8	09 s 45.0
20 fev	22 1 35.4	10 s 49.3	11 n 48.3	19 s 00.4	15 s 33.7	18 n 31.3	18 n 58.9	22 s 18.1	23 s 36.0	22 s 01.7	01 s 03.3	09 s 45.0
21 fev	22 5 32.0	10 s 27.7	06 n 22.4	18 s 53.2	15 s 10.9	18 n 41.6	19 n 00.5	22 s 17.7	23 s 35.9	22 s 01.5	01 s 02.8	09 s 45.0
22 fev	22 9 28.5	10 s 05.8	00 n 46.1	18 s 44.7	14 s 47.6	18 n 51.7	19 n 02.1	22 s 17.3	23 s 35.9	22 s 01.4	01 s 02.3	09 s 44.9
23 fev	22 13 25.1	09 s 43.9	04 s 50.1	18 s 34.8	14 s 23.9	19 n 01.8	19 n 03.8	22 s 16.9	23 s 35.8	22 s 01.2	01 s 01.8	09 s 44.8
24 fev	22 17 21.6	09 s 21.7	10 s 15.7	18 s 23.7	13 s 59.8	19 n 11.7	19 n 05.5	22 s 16.5	23 s 35.8	22 s 01.1	01 s 01.2	09 s 44.8
25 fev	22 21 18.2	08 s 59.5	15 s 20.6	18 s 11.3	13 s 35.4	19 n 21.5	19 n 07.2	22 s 16.1	23 s 35.7	22 s 01.0	01 s 00.7	09 s 44.8
26 fev	22 25 14.7	08 s 37.1	19 s 53.6	17 s 57.5	13 s 10.5	19 n 31.3	19 n 08.9	22 s 15.7	23 s 35.7	22 s 00.8	01 s 00.1	09 s 44.9
27 fev	22 29 11.3	08 s 14.5	23 s 41.8	17 s 42.5	12 s 45.3	19 n 40.8	19 n 10.7	22 s 15.3	23 s 35.6	22 s 00.6	00 s 59.6	09 s 44.9
28 fev	22 33 7.8	07 s 51.9	26 s 30.6	17 s 26.2	12 s 19.8	19 n 50.3	19 n 12.5	22 s 14.9	23 s 35.6	22 s 00.5	00 s 59.0	09 s 45.0

MARÇO DE 1989

Longitude dos Astros

Tropical Ephemeris - quarta-feira, 01 mar 1989 at noon, Greenwich SVP = 05 x 24.54 True Ayanamsa = 23d 42m 27s
Julian Day = 2447587.0

Long.	Sidereal Time	Sun	Moon	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	N. Node
	h m s	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
01 mar	22 37 4.4	10 x 53.1	18 x 37.3	16 x 32.9	02 x 14.9	24 8 01.6	28 8 42.2	11 v 46.0	04 v 41.5	11 v 52.3	15 m 080	04 x 48.4
02 mar	22 41 1.0	11 x 53.3	01 v 39.7	17 x 54.7	03 x 29.8	24 8 37.7	28 8 49.7	11 v 50.6	04 v 43.4	11 v 53.7	15 m 075	04 x 48.7
03 mar	22 44 57.5	12 x 53.5	15 v 07.6	19 x 18.0	04 x 44.7	25 8 14.0	28 8 57.3	11 v 55.2	04 v 45.3	11 v 55.0	15 m 070	04 x 49.3
04 mar	22 48 54.1	13 x 53.6	29 v 02.4	20 x 42.6	05 x 59.6	25 8 50.2	29 8 05.0	11 v 59.7	04 v 47.1	11 v 56.3	15 m 064	04 x 50.0
05 mar	22 52 50.6	14 x 53.7	13 x 23.6	22 x 08.5	07 x 14.5	26 8 26.5	29 8 12.9	12 v 04.2	04 v 48.9	11 v 57.6	15 m 058	04 x 50.7
06 mar	22 56 47.2	15 x 53.8	28 x 08.1	23 x 35.7	08 x 29.4	27 8 02.8	29 8 21.0	12 v 08.6	04 v 50.6	11 v 58.8	15 m 052	04 x 51.1
07 mar	23 0 43.7	16 x 53.9	13 x 09.8	25 x 04.2	09 x 44.3	27 8 39.2	29 8 29.2	12 v 12.9	04 v 52.3	12 v 00.1	15 m 046	04 x 51.1
08 mar	23 4 40.3	17 x 53.9	28 x 20.3	26 x 33.8	10 x 59.1	28 8 15.6	29 8 37.5	12 v 17.1	04 v 54.0	12 v 01.2	15 m 039	04 x 50.4
09 mar	23 8 36.8	18 x 53.9	13 x 30.1	28 x 04.7	12 x 14.0	28 8 52.0	29 8 45.9	12 v 21.2	04 v 55.5	12 v 02.4	15 m 032	04 x 49.2
10 mar	23 12 33.4	19 x 53.9	28 x 29.6	29 x 36.8	13 x 28.8	29 8 28.5	29 8 54.5	12 v 25.3	04 v 57.1	12 v 03.5	15 m 024	04 x 47.5
11 mar	23 16 30.0	20 x 53.8	13 8 11.2	01 x 10.0	14 x 43.6	00 8 05.0	00 8 03.3	12 v 29.2	04 v 58.6	12 v 04.6	15 m 017	04 x 45.5
12 mar	23 20 26.5	21 x 53.7	27 8 29.4	02 x 44.5	15 x 58.4	00 8 41.5	00 8 12.1	12 v 33.1	05 v 00.0	12 v 05.7	15 m 009	04 x 43.7
13 mar	23 24 23.1	22 x 53.6	11 8 21.8	04 x 20.2	17 x 13.2	01 8 18.0	00 8 21.1	12 v 37.0	05 v 01.4	12 v 06.7	15 m 000	04 x 42.2
14 mar	23 28 19.6	23 x 53.4	24 8 48.3	05 x 57.0	18 x 28.0	01 8 54.6	00 8 30.2	12 v 40.7	05 v 02.8	12 v 07.7	14 m 592	04 x 41.4
15 mar	23 32 16.2	24 x 53.2	07 8 51.0	07 x 35.0	19 x 42.8	02 8 31.2	00 8 39.5	12 v 44.3	05 v 04.1	12 v 08.7	14 m 583	04 x 41.4
16 mar	23 36 12.7	25 x 52.9	20 8 32.9	09 x 14.2	20 x 57.5	03 8 07.8	00 8 48.8	12 v 47.9	05 v 05.3	12 v 09.7	14 m 574	04 x 42.2
17 mar	23 40 9.3	26 x 52.6	02 8 57.6	10 x 54.7	22 x 12.2	03 8 44.4	00 8 58.3	12 v 51.4	05 v 06.5	12 v 10.6	14 m 564	04 x 43.5
18 mar	23 44 5.8	27 x 52.3	15 8 09.0	12 x 36.3	23 x 26.9	04 8 21.0	01 8 07.9	12 v 54.8	05 v 07.7	12 v 11.5	14 m 554	04 x 43.0
19 mar	23 48 2.4	28 x 52.0	27 8 10.5	14 x 19.2	24 x 41.6	04 8 57.7	01 8 17.6	12 v 58.1	05 v 08.8	12 v 12.3	14 m 544	04 x 46.2
20 mar	23 51 59.0	29 x 51.6	09 8 05.2	16 x 03.4	25 x 56.3	05 8 34.4	01 8 27.4	13 v 01.3	05 v 09.8	12 v 13.1	14 m 534	04 x 46.6
21 mar	23 55 55.5	00 8 51.1	20 8 55.9	17 x 48.7	27 x 11.0	06 8 11.0	01 8 37.3	13 v 04.5	05 v 10.8	12 v 13.9	14 m 523	04 x 45.9
22 mar	23 59 52.1	01 8 51.7	02 8 44.9	19 x 35.4	28 x 25.6	06 8 47.8	01 8 47.4	13 v 07.5	05 v 11.7	12 v 14.7	14 m 512	04 x 43.9
23 mar	0 3 48.6	02 8 50.1	14 8 34.3	21 x 23.3	29 x 40.3	07 8 24.5	01 8 57.5	13 v 10.5	05 v 12.6	12 v 15.4	14 m 501	04 x 40.6
24 mar	0 7 45.2	03 8 49.6	26 8 26.0	23 x 12.6	00 8 54.9	08 8 01.2	02 8 07.8	13 v 13.4	05 v 13.5	12 v 16.1	14 m 490	04 x 36.5
25 mar	0 11 41.7	04 8 49.0	08 8 22.0	25 x 03.1	02 8 09.5	08 8 38.0	02 8 18.1	13 v 16.1	05 v 14.3	12 v 16.8	14 m 478	04 x 32.0
26 mar	0 15 38.3	05 8 48.4	20 8 24.4	26 x 54.9	03 8 24.1	09 8 14.7	02 8 28.6	13 v 18.8	05 v 15.0	12 v 17.4	14 m 466	04 x 27.6
27 mar	0 19 34.8	06 8 47.8	02 8 35.8	28 x 48.1	04 8 38.6	09 8 51.5	02 8 39.2	13 v 21.4	05 v 15.7	12 v 18.0	14 m 454	04 x 24.1
28 mar	0 23 31.4	07 8 47.2	14 8 59.1	00 8 45.2	05 8 53.2	10 8 28.3	02 8 49.8	13 v 23.9	05 v 16.3	12 v 18.5	14 m 442	04 x 21.7
29 mar	0 27 28.0	08 8 46.5	27 8 37.7	02 8 38.3	07 8 07.7	11 8 05.1	03 8 00.6	13 v 26.4	05 v 16.9	12 v 19.1	14 m 429	04 x 20.8
30 mar	0 31 24.5	09 8 45.7	10 8 34.8	04 8 35.3	08 8 22.3	11 8 42.0	03 8 11.5	13 v 28.7	05 v 17.5	12 v 19.5	14 m 416	04 x 21.2
31 mar	0 35 21.1	10 8 45.0	23 8 53.8	06 8 33.5	09 8 36.8	12 8 18.8	03 8 22.4	13 v 30.9	05 v 17.9	12 v 20.0	14 m 403	04 x 22.4

Declinação dos Astros

Tropical Ephemeris - quarta-feira, 01 mar 1989 at noon, Greenwich SVP = 05 x 24.54 True Ayanamsa = 23d 42m 27s
Julian Day = 2447587.0

Decl.	Sidereal Time	Sun	Moon	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	N. Node
	h m s	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
01 mar	22 37 4.4	07 s 29.1	28 s 04.6	17 s 08.5	11 s 53.9	19 n 59.7	19 n 14.3	22 s 14.5	23 s 35.5	22 s 00.3	00 s 58.5	09 s 44.9
02 mar	22 41 1.0	07 s 06.2	28 s 09.4	16 s 49.6	11 s 27.7	20 n 08.9	19 n 16.1	22 s 14.1	23 s 35.5	22 s 00.2	00 s 57.9	09 s 44.8
03 mar	22 44 57.5	06 s 43.2	26 s 36.1	16 s 29.4	11 s 01.2	20 n 18.0	19 n 18.0	22 s 13.7	23 s 35.4	22 s 00.1	00 s 57.3	09 s 44.6
04 mar	22 48 54.1	06 s 20.2	23 s 23.3	16 s 07.9	10 s 34.4	20 n 27.0	19 n 19.9	22 s 13.3	23 s 35.4	21 s 59.9	00 s 56.7	09 s 44.4
05 mar	22 52 50.6	05 s 57.0	18 s 39.8	15 s 45.1	10 s 07.4	20 n 35.9	19 n 21.8	22 s 12.9	23 s 35.3	21 s 59.8	00 s 56.1	09 s 44.1
06 mar	22 56 47.2	05 s 33.7	12 s 42.5	15 s 21.0	09 s 40.0	20 n 44.6	19 n 23.7	22 s 12.5	23 s 35.3	21 s 59.7	00 s 55.6	09 s 44.0
07 mar	23 0 43.7	05 s 10.4	05 s 54.8	14 s 55.7	09 s 12.4	20 n 53.2	19 n 25.7	22 s 12.2	23 s 35.2	21 s 59.6	00 s 55.0	09 s 44.0
08 mar	23 4 40.3	04 s 47.0	01 n 16.3	14 s 29.1	08 s 44.5	21 n 01.7	19 n 27.7	22 s 11.8	23 s 35.2	21 s 59.4	00 s 54.4	09 s 44.2
09 mar	23 8 36.8	04 s 23.6	08 n 22.1	14 s 01.2	08 s 16.5	21 n 10.0	19 n 29.7	22 s 11.4	23 s 35.2	21 s 59.3	00 s 53.8	09 s 44.6
10 mar	23 12 33.4	04 s 00.0	14 n 54.5	13 s 32.1	07 s 48.2	21 n 18.3	19 n 31.7	22 s 11.1	23 s 35.1	21 s 59.2	00 s 53.1	09 s 45.3
11 mar	23 16 30.0	03 s 36.5	20 n 28.0	13 s 01.7	07 s 19.6	21 n 26.3	19 n 33.7	22 s 10.7	23 s 35.1	21 s 59.1	00 s 52.5	09 s 46.0
12 mar	23 20 26.5	03 s 12.9	24 n 41.3	12 s 30.1	06 s 50.9	21 n 34.3	19 n 35.8	22 s 10.4	23 s 35.1	21 s 59.0	00 s 51.9	09 s 46.7
13 mar	23 24 23.1	02 s 49.2	27 n 19.7	11 s 57.3	06 s 22.1	21 n 42.1	19 n 37.9	22 s 10.0	23 s 35.0	21 s 58.8	00 s 51.3	09 s 47.2
14 mar	23 28 19.6	02 s 25.6	28 n 17.2	11 s 23.2	05 s 53.0	21 n 49.7	19 n 40.0	22 s 09.7	23 s 35.0	21 s 58.7	00 s 50.7	09 s 47.5
15 mar	23 32 16.2	02 s 01.9	27 n 37.1	10 s 47.9	05 s 23.8	21 n 57.2	19 n 42.1	22 s 09.3	23 s 35.0	21 s 58.6	00 s 50.1	09 s 47.5
16 mar	23 36 12.7	01 s 38.2	25 n 30.4	10 s 11.3	04 s 54.4	22 n 04.6	19 n 44.2	22 s 09.0	23 s 34.9	21 s 58.5	00 s 49.5	09 s 47.2
17 mar	23 40 9.3	01 s 14.5	22 n 12.3	09 s 33.6	04 s 25.0	22 n 11.8	19 n 46.3	22 s 08.7	23 s 34.9	21 s 58.4	00 s 48.8	09 s 46.7
18 mar	23 44 5.8	00 s 50.8	17 n 59.4	08 s 54.7	03 s 55.3	22 n 18.9	19 n 48.5	22 s 08.4	23 s 34.9	21 s 58.3	00 s 48.2	09 s 46.2
19 mar	23 48 2.4	00 s 27.1	13 n 06.8	08 s 14.6	03 s 25.6	22 n 25.8	19 n 50.6	22 s 08.1	23 s 34.9	21 s 58.2	00 s 47.6	09 s 45.7
20 mar	23 51 59.0	00 s 03.4	07 n 48.2	07 s 33.3	02 s 55.8	22 n 32.6	19 n 52.8	22 s 07.8	23 s 34.8	21 s 58.1	00 s 47.0	09 s 45.6
21 mar	23 55 55.5	00 n 20.3	02 n 15.4	06 s 50.8	02 s 25.9	22 n 39.2	19 n 55.0	22 s 07.5	23 s 34.8	21 s 58.0	00 s 46.3	09 s 45.9
22 mar	23 59 52.1	00 n 44.0	03 s 20.8	06 s 07.2	01 s 55.9	22 n 45.7	19 n 57.2	22 s 07.2	23 s 34.8	21 s 57.9	00 s 45.7	09 s 46.6
23 mar	0 3 48.6	01 n 07.7	08 s 49.8	05 s 22.4	01 s 25.9	22 n 52.0	19 n 59.4	22 s 06.9	23 s 34.8	21 s 57.9	00 s 45.1	09 s 47.8
24 mar	0 7 45.2	01 n 31.3	14 s 01.0	04 s 36.6	00 s 55.8	22 n 58.1	20 n 01.6	22 s 06.6	23 s 34.8	21 s 57.8	00 s 44.4	09 s 49.3
25 mar	0 11 41.7	01 n 54.9	18 s 42.9	03 s 49.6	00 s 25.7	23 n 04.1	20 n 03.8	22 s 06.4	23 s 34.8	21 s 57.7	00 s 43.8	09 s 50.9
26 mar	0 15 38.3	02 n 18.4	22 s 42.6	03 s 01.6	00 n 04.5	23 n 10.0	20 n 06.1	22 s 06.1	23 s 34.8	21 s 57.6	00 s 43.2	09 s 52.5
27 mar	0 19 34.8	02 n 41.9	25 s 46.6	02 s 12.5	00 n 34.6	23 n 15.7	20 n 08.3	22 s 05.8	23 s 34.8	21 s 57.5	00 s 42.5	09 s 53.8
28 mar	0 23 31.4	03 n 05.3	27 s 40.5	01 s 22.4	01 n 04.8	23 n 21.2	20 n 10.5	22 s 05.6	23 s 34.8	21 s 57.5	00 s 41.9	09 s 54.7
29 mar	0 27 28.0	03 n 28.7	28 s 11.9	00 s 31.4	01 n 34.9	23 n 26.6	20 n 12.8	22 s 05.4	23 s 34.8	21 s 57.4	00 s 41.3	09 s 55.0
30 mar	0 31 24.5	03 n 52.1	27 s 12.2	00 n 20.5	02 n 05.1	23 n 31.8	20 n 15.0	22 s 05.2	23 s 34.8	21 s 57.3	00 s 40.7	09 s 54.9
31 mar	0 35 21.1	04 n 15.3	24 s 39.2	01 n 13.3	02 n 35.2	23 n 36.8	20 n 17.3	22 s 04.9	23 s 34.8	21 s 57.3	00 s 40.0	09 s 54.4

ABRIL DE 1989

Longitude dos Astros

Tropical Ephemeris - sábado, 01 abr 1989 at noon, Greenwich SVP = 05x24.47 True Ayanamsa = 23d 42m 31s
Julian Day = 2447618.0

Long.	Sidereal Time	Sun	Moon	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	N. Node
	h m s	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
01 abr	0 39 17.6	11°44.2	07°37.1	08°33.0	10°51.3	12°55.7	03°33.5	13°33.1	05°18.4	12°20.4	14°39.0	04°24.0
02 abr	0 43 14.2	12°43.4	21°46.2	10°33.6	12°05.8	13°32.5	03°44.6	13°35.1	05°18.8	12°20.8	14°37.6	04°25.1
03 abr	0 47 10.7	13°42.6	06°20.3	12°35.3	13°20.3	14°09.4	03°55.8	13°37.0	05°19.1	12°21.2	14°36.3	04°25.0
04 abr	0 51 7.3	14°41.7	21°15.5	14°38.0	14°34.8	14°46.3	04°07.1	13°38.9	05°19.3	12°21.5	14°34.9	04°23.3
05 abr	0 55 3.8	15°40.8	06°25.4	16°41.5	15°49.2	15°23.2	04°18.5	13°40.7	05°19.6	12°21.8	14°33.5	04°19.6
06 abr	0 59 0.4	16°39.9	21°40.5	18°45.8	17°03.6	16°00.2	04°30.0	13°42.3	05°19.7	12°22.1	14°32.1	04°14.2
07 abr	1 2 57.0	17°38.9	06°50.4	20°50.6	18°18.1	16°37.1	04°41.6	13°43.9	05°19.9	12°22.3	14°30.6	04°07.4
08 abr	1 6 53.5	18°37.9	21°45.2	22°55.8	19°32.5	17°14.1	04°53.3	13°45.3	05°19.9	12°22.5	14°29.1	04°00.0
09 abr	1 10 50.1	19°36.9	06°16.8	25°01.1	20°46.8	17°51.0	05°05.0	13°46.7	05°19.9	12°22.7	14°27.7	03°52.9
10 abr	1 14 46.6	20°35.8	20°20.6	27°06.2	22°01.2	18°28.0	05°16.8	13°48.0	05°19.9	12°22.8	14°26.2	03°46.9
11 abr	1 18 43.2	21°34.7	03°55.1	29°11.0	23°15.5	19°05.0	05°28.7	13°49.1	05°19.8	12°22.9	14°24.7	03°42.5
12 abr	1 22 39.7	22°33.5	17°01.5	01°15.1	24°29.9	19°42.0	05°40.7	13°50.2	05°19.7	12°22.9	14°23.1	03°40.0
13 abr	1 26 36.3	23°32.3	29°43.2	03°18.1	25°44.2	20°19.0	05°52.7	13°51.2	05°19.5	12°23.0	14°21.6	03°39.4
14 abr	1 30 32.8	24°31.1	12°04.7	05°19.7	26°58.4	20°56.0	06°04.8	13°52.1	05°19.2	12°23.0	14°20.0	03°40.0
15 abr	1 34 29.4	25°29.9	24°10.9	07°19.6	28°12.7	21°33.0	06°17.0	13°52.8	05°18.9	12°22.9	14°18.5	03°41.1
16 abr	1 38 26.0	26°28.6	06°06.6	09°17.5	29°26.9	22°10.0	06°29.2	13°53.5	05°18.6	12°22.8	14°16.9	03°41.7
17 abr	1 42 22.5	27°27.2	17°56.4	11°12.9	00°41.2	22°47.1	06°41.5	13°54.1	05°18.2	12°22.7	14°15.3	03°41.0
18 abr	1 46 19.1	28°25.8	29°44.0	13°05.7	01°55.4	23°24.1	06°53.9	13°54.6	05°17.7	12°22.6	14°13.7	03°38.2
19 abr	1 50 15.6	29°24.4	11°32.7	14°55.4	03°09.6	24°01.1	07°06.3	13°55.0	05°17.2	12°22.4	14°12.1	03°33.0
20 abr	1 54 12.2	00°23.0	23°24.9	16°41.9	04°23.7	24°38.1	07°18.8	13°55.3	05°16.7	12°22.2	14°10.5	03°25.5
21 abr	1 58 8.7	01°21.5	05°22.6	18°24.8	05°37.9	25°15.2	07°31.4	13°55.5	05°16.1	12°22.0	14°08.9	03°16.4
22 abr	2 2 5.3	02°20.0	17°27.2	20°8.9	06°52.0	25°52.2	07°44.0	13°55.5	05°15.5	12°21.7	14°07.2	03°06.5
23 abr	2 6 1.8	03°18.5	29°39.9	21°39.1	08°06.1	26°29.3	07°56.6	13°55.5	05°14.8	12°21.4	14°05.6	02°56.8
24 abr	2 9 58.4	04°16.9	12°01.8	23°10.2	09°20.2	27°06.3	08°09.4	13°55.4	05°14.0	12°21.1	14°03.9	02°48.3
25 abr	2 13 54.9	05°15.3	24°34.3	24°36.9	10°34.3	27°43.4	08°22.1	13°55.2	05°13.3	12°20.7	14°02.3	02°41.8
26 abr	2 17 51.5	06°13.7	07°19.3	25°59.3	11°48.4	28°20.5	08°35.0	13°54.9	05°12.4	12°20.3	14°00.6	02°37.7
27 abr	2 21 48.1	07°12.1	20°18.8	27°17.1	13°02.4	28°57.5	08°47.9	13°54.5	05°11.5	12°19.9	13°58.9	02°35.8
28 abr	2 25 44.6	08°10.4	03°35.3	28°30.3	14°16.5	29°34.6	09°00.8	13°54.0	05°10.6	12°19.5	13°57.2	02°35.6
29 abr	2 29 41.2	09°08.7	17°11.1	29°38.7	15°30.5	00°52.7	09°13.8	13°53.4	05°09.6	12°19.0	13°55.6	02°36.1
30 abr	2 33 37.7	10°07.0	01°08.0	00°42.4	16°44.5	00°54.8	09°26.8	13°52.7	05°08.6	12°18.5	13°53.9	02°36.2

Declinação dos Astros

Tropical Ephemeris - sábado, 01 abr 1989 at noon, Greenwich SVP = 05x24.47 True Ayanamsa = 23d 42m 31s
Julian Day = 2447618.0

Decl.	Sidereal Time	Sun	Moon	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	N. Node
	h m s	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
01 abr	0 39 17.6	04°38.5	20°37.8	02°06.9	03°05.2	23°41.7	20°19.6	22°04.7	23°34.8	21°57.2	00°39.4	09°53.8
02 abr	0 43 14.2	05°01.6	15°19.4	03°01.1	03°35.2	23°46.4	20°21.8	22°04.5	23°34.8	21°57.1	00°38.8	09°53.5
03 abr	0 47 10.7	05°24.6	09°01.1	03°56.0	04°05.1	23°50.9	20°24.1	22°04.3	23°34.8	21°57.1	00°38.2	09°53.5
04 abr	0 51 7.3	05°47.5	02°04.6	04°51.4	04°35.0	23°55.3	20°26.4	22°04.2	23°34.8	21°57.0	00°37.6	09°54.1
05 abr	0 55 3.8	06°10.3	05°04.8	05°47.2	05°04.7	23°59.5	20°28.6	22°04.0	23°34.8	21°57.0	00°37.0	09°55.4
06 abr	0 59 0.4	06°33.0	11°58.6	06°43.2	05°34.4	24°03.6	20°30.9	22°03.8	23°34.8	21°56.9	00°36.3	09°57.4
07 abr	1 2 57.0	06°55.6	18°07.3	07°39.3	06°03.9	24°07.5	20°33.2	22°03.7	23°34.8	21°56.9	00°35.7	09°59.9
08 abr	1 6 53.5	07°18.1	23°03.5	08°35.4	06°33.3	24°11.2	20°35.4	22°03.5	23°34.9	21°56.9	00°35.1	10°02.6
09 abr	1 10 50.1	07°40.5	26°25.2	09°31.3	07°02.5	24°14.7	20°37.7	22°03.4	23°34.9	21°56.8	00°34.5	10°05.1
10 abr	1 14 46.6	08°02.7	28°00.6	10°26.7	07°31.6	24°18.1	20°40.0	22°03.3	23°34.9	21°56.8	00°33.9	10°07.3
11 abr	1 18 43.2	08°24.8	27°50.1	11°21.5	08°00.5	24°21.3	20°42.2	22°03.2	23°34.9	21°56.8	00°33.4	10°08.9
12 abr	1 22 39.7	08°46.7	26°04.7	12°15.4	08°29.2	24°24.3	20°44.5	22°03.1	23°35.0	21°56.7	00°32.8	10°09.8
13 abr	1 26 36.3	09°08.5	23°01.8	13°08.3	08°57.8	24°27.1	20°46.7	22°03.0	23°35.0	21°56.7	00°32.2	10°10.1
14 abr	1 30 32.8	09°30.1	18°00.0	13°59.8	09°26.1	24°29.8	20°49.0	22°02.9	23°35.0	21°56.7	00°31.6	10°09.8
15 abr	1 34 29.4	09°51.6	14°16.1	14°50.0	09°54.2	24°32.3	20°51.2	22°02.8	23°35.0	21°56.7	00°31.0	10°09.4
16 abr	1 38 26.0	10°12.9	09°04.3	15°38.4	10°22.1	24°34.6	20°53.4	22°02.8	23°35.1	21°56.7	00°30.5	10°09.2
17 abr	1 42 22.5	10°34.1	03°36.4	16°24.9	10°49.7	24°36.7	20°55.7	22°02.7	23°35.1	21°56.6	00°29.9	10°09.5
18 abr	1 46 19.1	10°55.0	01°57.5	17°09.4	11°17.1	24°38.7	20°57.9	22°02.7	23°35.2	21°56.6	00°29.4	10°10.5
19 abr	1 50 15.6	11°15.8	07°27.3	17°51.8	11°44.2	24°40.5	21°00.1	22°02.7	23°35.2	21°56.6	00°28.8	10°12.4
20 abr	1 54 12.2	11°36.4	12°42.7	18°31.8	12°11.1	24°42.1	21°02.3	22°02.6	23°35.2	21°56.6	00°28.3	10°15.1
21 abr	1 58 8.7	11°56.8	17°32.3	19°09.5	12°37.6	24°43.5	21°04.5	22°02.6	23°35.3	21°56.6	00°27.8	10°18.3
22 abr	2 2 5.3	12°17.1	21°43.1	19°44.7	13°03.9	24°44.8	21°06.7	22°02.6	23°35.3	21°56.6	00°27.2	10°21.9
23 abr	2 6 1.8	12°37.1	25°00.8	20°17.3	13°29.8	24°45.8	21°08.8	22°02.7	23°35.4	21°56.6	00°26.7	10°25.4
24 abr	2 9 58.4	12°56.9	27°11.1	20°47.5	13°55.4	24°46.7	21°11.0	22°02.7	23°35.4	21°56.6	00°26.2	10°28.5
25 abr	2 13 54.9	13°16.5	28°01.4	21°15.1	14°20.7	24°47.5	21°13.2	22°02.7	23°35.5	21°56.7	00°25.7	10°30.8
26 abr	2 17 51.5	13°35.9	27°23.8	21°40.1	14°45.6	24°48.0	21°15.3	22°02.8	23°35.5	21°56.7	00°25.2	10°32.3
27 abr	2 21 48.1	13°55.0	25°16.4	22°02.6	15°10.1	24°48.4	21°17.4	22°02.8	23°35.6	21°56.7	00°24.7	10°33.0
28 abr	2 25 44.6	14°13.9	21°44.1	22°22.6	15°34.3	24°48.6	21°19.6	22°02.9	23°35.7	21°56.7	00°24.2	10°33.0
29 abr	2 29 41.2	14°32.6	16°57.5	22°40.1	15°58.1	24°48.6	21°21.7	22°03.0	23°35.7	21°56.7	00°23.7	10°32.9
30 abr	2 33 37.7	14°51.1	11°10.7	22°55.1	16°21.5	24°48.4	21°23.8	22°03.0	23°35.8	21°56.8	00°23.3	10°32.8

MAIO DE 1989

Longitude dos Astros

Tropical Ephemeris - segunda-feira, 01 mai 1989 at noon, Greenwich SVP = 05x24.40 True Ayanamsa = 23d 42m 35s
Julian Day = 2447648.0

Long.	Sidereal Time			Sun	Moon	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	N.	Node
	h	m	s	°	°	°	°	°	°	°	°	°	°	°	°
01 mai	2	37	34.3	118 05.2	15 x 26.5	01 x 41.1	17 8 58.5	01 5 25.9	09 x 39.9	13 v 520	05 v 076	12 v 179	13 m 522	02 x 349	
02 mai	2	41	30.8	128 03.5	00 x 05.0	02 x 35.0	19 8 12.5	02 5 03.0	09 x 53.0	13 v 511	05 v 064	12 v 173	13 m 505	02 x 313	
03 mai	2	45	27.4	138 01.7	14 x 59.4	03 x 23.8	20 8 26.4	02 5 40.1	10 x 06.2	13 v 501	05 v 053	12 v 167	13 m 488	02 x 251	
04 mai	2	49	23.9	138 59.9	00 8 02.5	04 x 07.5	21 8 40.4	03 5 17.2	10 x 19.4	13 v 490	05 v 041	12 v 161	13 m 471	02 x 163	
05 mai	2	53	20.5	148 58.0	15 8 05.1	04 x 46.1	22 8 54.3	03 5 54.3	10 x 32.7	13 v 479	05 v 028	12 v 154	13 m 454	02 x 055	
06 mai	2	57	17.1	158 56.1	29 8 57.4	05 x 19.6	24 8 08.2	04 5 31.5	10 x 46.0	13 v 466	05 v 016	12 v 147	13 m 437	01 x 537	
07 mai	3	1	13.6	16 8 54.2	14 x 30.7	05 x 47.8	25 8 22.1	05 5 08.6	10 x 59.3	13 v 452	05 v 002	12 v 140	13 m 420	01 x 421	
08 mai	3	5	10.2	17 8 52.3	28 x 38.7	06 x 10.8	26 8 36.0	05 5 45.7	11 x 12.7	13 v 438	04 v 589	12 v 133	13 m 404	01 x 318	
09 mai	3	9	6.7	18 8 50.3	12 5 18.3	06 x 28.6	27 8 49.9	06 5 22.9	11 x 26.1	13 v 422	04 v 574	12 v 125	13 m 387	01 x 237	
10 mai	3	13	3.3	19 8 48.3	25 5 29.5	06 x 41.3	29 8 03.7	07 5 00.0	11 x 39.5	13 v 406	04 v 560	12 v 117	13 m 370	01 x 182	
11 mai	3	16	59.8	20 8 46.3	08 8 14.6	06 x 48.8	00 8 17.6	07 5 37.2	11 x 53.0	13 v 389	04 v 545	12 v 108	13 m 353	01 x 153	
12 mai	3	20	56.4	21 8 44.3	20 8 38.0	06 x 51.2	01 8 31.4	08 5 14.3	12 8 06.5	13 v 371	04 v 530	12 v 100	13 m 337	01 x 143	
13 mai	3	24	52.9	22 8 42.2	02 8 44.7	06 x 487	02 8 45.2	08 5 51.5	12 8 20.1	13 v 352	04 v 514	12 v 091	13 m 320	01 x 14.3	
14 mai	3	28	49.5	23 8 40.0	14 8 40.1	06 x 415	03 8 58.9	09 5 28.6	12 8 33.6	13 v 332	04 v 498	12 v 082	13 m 303	01 x 142	
15 mai	3	32	46.1	24 8 37.9	26 8 29.5	06 x 297	05 8 12.7	10 5 05.8	12 8 47.2	13 v 311	04 v 482	12 v 072	13 m 287	01 x 126	
16 mai	3	36	42.6	25 8 35.7	08 8 17.6	06 x 137	06 8 26.4	10 5 43.0	13 8 00.8	13 v 289	04 v 465	12 v 063	13 m 270	01 x 088	
17 mai	3	40	39.2	26 8 33.5	20 8 08.6	05 x 538	07 8 40.1	11 5 20.1	13 8 14.5	13 v 267	04 v 448	12 v 053	13 m 254	01 x 022	
18 mai	3	44	35.7	27 8 31.3	02 8 05.7	05 x 303	08 8 53.8	11 5 57.3	13 8 28.1	13 v 244	04 v 430	12 v 042	13 m 238	00 x 530	
19 mai	3	48	32.3	28 8 29.1	14 8 11.4	05 x 037	10 8 07.5	12 5 34.5	13 8 41.8	13 v 220	04 v 412	12 v 032	13 m 221	00 x 416	
20 mai	3	52	28.8	29 8 26.8	26 8 27.1	04 x 344	11 8 21.2	13 5 11.6	13 8 55.6	13 v 195	04 v 394	12 v 021	13 m 205	00 x 290	
21 mai	3	56	25.4	00 8 24.5	08 8 53.7	04 x 030	12 8 34.8	13 5 48.8	14 8 09.3	13 v 169	04 v 376	12 v 010	13 m 189	00 x 166	
22 mai	4	0	21.9	01 8 22.2	21 8 31.3	03 x 301	13 8 48.4	14 5 26.0	14 8 23.0	13 v 142	04 v 357	11 v 599	13 m 174	00 x 054	
23 mai	4	4	18.5	02 8 19.8	04 8 20.1	02 x 562	15 8 02.1	15 5 03.2	14 8 36.8	13 v 115	04 v 338	11 v 588	13 m 158	29 x 565	
24 mai	4	8	15.1	03 8 17.5	17 8 20.2	02 x 219	16 8 15.7	15 5 40.3	14 8 50.6	13 v 087	04 v 318	11 v 576	13 m 142	29 x 503	
25 mai	4	12	11.6	04 8 15.1	00 8 32.0	01 x 478	17 8 29.2	16 5 17.5	15 8 04.4	13 v 058	04 v 298	11 v 565	13 m 127	29 x 468	
26 mai	4	16	8.2	05 8 12.7	13 8 56.3	01 x 145	18 8 42.8	16 5 54.7	15 8 18.2	13 v 029	04 v 278	11 v 553	13 m 111	29 x 455	
27 mai	4	20	4.7	06 8 10.3	27 8 34.1	00 x 426	19 8 56.4	17 5 31.9	15 8 32.1	12 v 598	04 v 258	11 v 540	13 m 096	29 x 454	
28 mai	4	24	1.3	07 8 07.9	11 8 26.6	00 x 126	21 8 09.9	18 5 09.1	15 8 45.9	12 v 567	04 v 237	11 v 528	13 m 081	29 x 453	
29 mai	4	27	57.8	08 8 05.4	25 8 34.2	29 8 450	22 8 23.4	18 5 46.3	15 8 59.8	12 v 536	04 v 217	11 v 515	13 m 066	29 x 440	
30 mai	4	31	54.4	09 8 03.0	09 8 56.1	29 8 203	23 8 37.0	19 5 23.5	16 8 13.6	12 v 503	04 v 196	11 v 502	13 m 051	29 x 406	
31 mai	4	35	50.9	10 8 00.5	24 8 29.9	29 8 588	24 8 50.5	20 5 00.7	16 8 27.5	12 v 470	04 v 174	11 v 489	13 m 037	29 x 346	

Declinação dos Astros

Tropical Ephemeris - segunda-feira, 01 mai 1989 at noon, Greenwich SVP = 05x24.40 True Ayanamsa = 23d 42m 35s
Julian Day = 2447648.0

Decl.	Sidereal Time			Sun	Moon	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	N.	Node
	h	m	s	°	°	°	°	°	°	°	°	°	°	°	°
01 mai	2	37	34.3	15 n 09.3	04 s 41.0	23 n 07.7	16 n 44.4	24 n 48.0	21 n 25.8	22 s 03.1	23 s 35.8	21 s 56.8	00 s 22.8	10 s 33.3	
02 mai	2	41	30.8	15 n 27.3	02 n 11.7	23 n 18.0	17 n 07.0	24 n 47.5	21 n 27.9	22 s 03.2	23 s 35.9	21 s 56.8	00 s 22.4	10 s 34.6	
03 mai	2	45	27.4	15 n 45.0	09 n 03.9	23 n 26.0	17 n 29.1	24 n 46.8	21 n 30.0	22 s 03.4	23 s 36.0	21 s 56.9	00 s 21.9	10 s 36.8	
04 mai	2	49	23.9	16 n 02.5	15 n 28.8	23 n 31.6	17 n 50.7	24 n 45.9	21 n 32.0	22 s 03.5	23 s 36.0	21 s 56.9	00 s 21.5	10 s 40.0	
05 mai	2	53	20.5	16 n 19.6	20 n 57.5	23 n 35.1	18 n 11.9	24 n 44.8	21 n 34.0	22 s 03.6	23 s 36.1	21 s 57.0	00 s 21.1	10 s 43.9	
06 mai	2	57	17.1	16 n 36.6	25 n 02.9	23 n 36.3	18 n 32.6	24 n 43.6	21 n 36.0	22 s 03.8	23 s 36.2	21 s 57.0	00 s 20.7	10 s 48.1	
07 mai	3	1	13.6	16 n 53.2	27 n 24.6	23 n 35.3	18 n 52.8	24 n 42.1	21 n 38.0	22 s 03.9	23 s 36.2	21 s 57.1	00 s 20.3	10 s 52.2	
08 mai	3	5	10.2	17 n 09.6	27 n 54.8	23 n 32.3	19 n 12.5	24 n 40.5	21 n 40.0	22 s 04.1	23 s 36.3	21 s 57.1	00 s 19.9	10 s 55.9	
09 mai	3	9	6.7	17 n 25.6	26 n 40.0	23 n 27.1	19 n 31.7	24 n 38.8	21 n 42.0	22 s 04.3	23 s 36.4	21 s 57.2	00 s 19.5	10 s 58.8	
10 mai	3	13	3.3	17 n 41.4	23 n 57.0	23 n 20.0	19 n 50.4	24 n 36.8	21 n 43.9	22 s 04.5	23 s 36.5	21 s 57.2	00 s 19.1	11 s 00.7	
11 mai	3	16	59.8	17 n 56.9	20 n 07.0	23 n 10.8	20 n 08.5	24 n 34.7	21 n 45.8	22 s 04.7	23 s 36.5	21 s 57.3	00 s 18.8	11 s 01.8	
12 mai	3	20	56.4	18 n 12.0	15 n 30.0	22 n 59.7	20 n 26.1	24 n 32.3	21 n 47.7	22 s 04.9	23 s 36.6	21 s 57.3	00 s 18.4	11 s 02.1	
13 mai	3	24	52.9	18 n 26.9	10 n 22.4	22 n 46.8	20 n 43.2	24 n 29.9	21 n 49.6	22 s 05.1	23 s 36.7	21 s 57.4	00 s 18.1	11 s 02.1	
14 mai	3	28	49.5	18 n 41.5	04 n 57.2	22 n 32.2	20 n 59.6	24 n 27.2	21 n 51.5	22 s 05.3	23 s 36.8	21 s 57.5	00 s 17.8	11 s 02.1	
15 mai	3	32	46.1	18 n 55.7	00 s 35.1	22 n 15.8	21 n 15.5	24 n 24.3	21 n 53.3	22 s 05.6	23 s 36.8	21 s 57.5	00 s 17.5	11 s 02.7	
16 mai	3	36	42.6	19 n 09.6	06 s 05.0	21 n 58.0	21 n 30.9	24 n 21.3	21 n 55.2	22 s 05.8	23 s 36.9	21 s 57.6	00 s 17.2	11 s 04.0	
17 mai	3	40	39.2	19 n 23.2	11 s 23.3	21 n 38.7	21 n 45.6	24 n 18.1	21 n 57.0	22 s 06.1	23 s 37.0	21 s 57.7	00 s 16.9	11 s 06.4	
18 mai	3	44	35.7	19 n 36.5	16 s 19.2	21 n 18.2	21 n 59.7	24 n 14.8	21 n 58.7	22 s 06.3	23 s 37.1	21 s 57.8	00 s 16.6	11 s 09.7	
19 mai	3	48	32.3	19 n 49.4	20 s 40.3	20 n 56.6	22 n 13.2	24 n 11.2	22 n 00.5	22 s 06.6	23 s 37.2	21 s 57.9	00 s 16.3	11 s 13.7	
20 mai	3	52	28.8	20 n 02.0	24 s 12.3	20 n 34.2	22 n 26.0	24 n 07.5	22 n 02.3	22 s 06.9	23 s 37.2	21 s 57.9	00 s 16.1	11 s 18.1	
21 mai	3	56	25.4	20 n 14.2	26 s 39.8	20 n 11.2	22 n 38.2	24 n 03.6	22 n 04.0	22 s 07.2	23 s 37.3	21 s 58.0	00 s 15.8	11 s 22.5	
22 mai	4	0	21.9	20 n 26.1	27 s 48.8	19 n 47.7	22 n 49.8	23 n 59.6	22 n 05.7	22 s 07.5	23 s 37.4	21 s 58.1	00 s 15.6	11 s 26.4	
23 mai	4	4	18.5	20 n 37.7	27 s 29.9	19 n 24.2	23 n 00.8	23 n 55.4	22 n 07.4	22 s 07.8	23 s 37.5	21 s 58.2	00 s 15.3	11 s 29.6	
24 mai	4	8	15.1	20 n 48.9	25 s 40.4	19 n 00.8	23 n 11.0	23 n 51.0	22 n 09.1	22 s 08.1	23 s 37.6	21 s 58.3	00 s 15.1	11 s 31.8	
25 mai	4	12	11.6	20 n 59.8	22 s 25.7	18 n 37.8	23 n 20.7	23 n 46.4	22 n 10.7	22 s 08.4	23 s 37.7	21 s 58.4	00 s 14.9	11 s 33.0	
26 mai	4	16	8.2	21 n 10.2	17 s 56.9	18 n 15.4	23 n 29.6	23 n 41.7	22 n 12.3	22 s 08.7	23 s 37.7	21 s 58.5	00 s 14.8	11 s 33.5	
27 mai	4	20	4.7	21 n 20.4	12 s 29.0	17 n 54.0	23 n 37.9	23 n 36.8	22 n 13.9	22 s 09.1	23 s 37.8	21 s 58.6	00 s 14.6	11 s 33.5	
28 mai	4	24	1.3	21 n 30.1	06 s 18.6	17 n 33.8	23 n 45.4	23 n 31.7	22 n 15.5	22 s 09.4	23 s 37.9	21 s 58.7	00 s 14.4	11 s 33.5	
29 mai	4	27	57.8	21 n 39.5	00 n 16.3	17 n 14.9	23 n 52.3	23 n 26.5	22 n 17.1	22 s 09.7	23 s 38.0	21 s 58.8	00 s 14.3	11 s 34.0	
30 mai	4	31	54.4	21 n 48.5	06 n 56.4	16 n 57.7	23 n 58.5	23 n 21.1	22 n 18.6	22 s 10.1	23 s 38.1	21 s 58.9	00 s 14.1	11 s 35.2	
31 mai	4	35	50.9	21 n 57.1	13 n 19.6	16 n 42.2	24 n 04.0	23 n 15.5	22 n 20.1	22 s 10.5	23 s 38.2	21 s 59.0	00 s 14.0	11 s 37.3	

JUNHO DE 1989

Longitude dos Astros

Tropical Ephemeris - quinta-feira, 01 jun 1989 at noon, Greenwich SVP = 05x24.33 True Ayanamsa = 23d 42m 39s
Julian Day = 2447679.0

Long.	Sidereal Time	Sun	Moon	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	N. Node
	h m s	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
01 jun	4 39 47.5	10x58.0	09x10.8	28x408	26x03.9	20x38.0	16x41.4	12x437	04x153	11x476	13m022	29x258
02 jun	4 43 44.1	11x55.5	23x52.3	28x267	27x17.4	21x15.2	16x55.3	12x402	04x131	11x463	13m008	29x150
03 jun	4 47 40.6	12x53.0	08x26.7	28x166	28x30.9	21x52.4	17x09.2	12x367	04x109	11x449	12m594	29x030
04 jun	4 51 37.2	13x50.5	22x46.8	28x108	29x44.3	22x29.7	17x23.1	12x332	04x086	11x435	12m580	28x509
05 jun	4 55 33.7	14x48.0	06x46.4	28x093	00x57.8	23x06.9	17x37.0	12x296	04x064	11x422	12m566	28x400
06 jun	4 59 30.3	15x45.4	20x21.8	28x12.3	02x11.2	23x44.2	17x51.0	12x259	04x041	11x408	12m553	28x313
07 jun	5 3 26.8	16x42.9	03x31.9	28x19.7	03x24.6	24x21.4	18x04.9	12x222	04x018	11x393	12m540	28x251
08 jun	5 7 23.4	17x40.3	16x18.0	28x31.6	04x38.0	24x58.7	18x18.8	12x184	03x595	11x379	12m526	28x217
09 jun	5 11 19.9	18x37.7	28x43.2	28x48.1	05x51.3	25x36.0	18x32.7	12x145	03x572	11x364	12m514	28x205
10 jun	5 15 16.5	19x35.0	10m51.8	29x09.0	07x04.7	26x13.3	18x46.6	12x107	03x549	11x350	12m501	28x20.7
11 jun	5 19 13.1	20x32.4	22m49.0	29x34.3	08x18.0	26x50.5	19x00.5	12x067	03x526	11x335	12m488	28x21.0
12 jun	5 23 9.6	21x29.7	04x40.0	00x04.0	09x31.3	27x27.8	19x14.4	12x028	03x502	11x320	12m476	28x205
13 jun	5 27 6.2	22x27.1	16x30.2	00x38.0	10x44.6	28x05.1	19x28.3	11x588	03x478	11x305	12m464	28x181
14 jun	5 31 2.7	23x24.4	28x24.2	01x16.2	11x57.8	28x42.4	19x42.2	11x547	03x454	11x290	12m453	28x133
15 jun	5 34 59.3	24x21.7	10m26.1	01x58.5	13x11.1	29x19.7	19x56.1	11x506	03x430	11x275	12m441	28x060
16 jun	5 38 55.8	25x18.9	22m39.3	02x44.9	14x24.3	29x57.0	20x10.0	11x465	03x406	11x259	12m430	27x568
17 jun	5 42 52.4	26x16.2	05x05.7	03x35.2	15x37.5	00x34.3	20x23.8	11x423	03x382	11x244	12m419	27x464
18 jun	5 46 48.9	27x13.5	17x46.6	04x29.5	16x50.7	01x11.6	20x37.7	11x381	03x358	11x228	12m408	27x359
19 jun	5 50 45.5	28x10.7	00x42.0	05x27.7	18x03.9	01x48.9	20x51.5	11x339	03x334	11x213	12m398	27x264
20 jun	5 54 42.0	29x08.0	13x51.2	06x29.6	19x17.0	02x46.2	21x05.3	11x296	03x310	11x197	12m387	27x187
21 jun	5 58 38.6	00x05.2	27x12.8	07x35.2	20x30.2	03x03.5	21x19.1	11x254	03x285	11x181	12m377	27x135
22 jun	6 2 35.2	01x02.4	10x45.4	08x44.6	21x43.3	03x40.9	21x32.9	11x210	03x261	11x165	12m368	27x107
23 jun	6 6 31.7	01x59.7	24x27.8	09x57.5	22x56.4	04x18.2	21x46.7	11x167	03x237	11x149	12m358	27x100
24 jun	6 10 28.3	02x56.9	08x18.9	11x14.0	24x09.4	04x55.6	22x00.5	11x124	03x212	11x133	12m349	27x10.7
25 jun	6 14 24.8	03x54.1	22x18.1	12x34.1	25x22.5	05x32.9	22x14.2	11x080	03x188	11x117	12m340	27x11.7
26 jun	6 18 21.4	04x51.3	06x24.6	13x57.7	26x35.6	06x10.3	22x27.9	11x036	03x163	11x101	12m332	27x12.1
27 jun	6 22 17.9	05x48.5	20x37.3	15x24.7	27x48.6	06x47.6	22x41.6	10x592	03x139	11x085	12m323	27x110
28 jun	6 26 14.5	06x45.8	04x54.1	16x55.1	29x01.6	07x25.0	22x55.3	10x548	03x115	11x069	12m315	27x079
29 jun	6 30 11.0	07x43.0	19x12.3	18x28.9	00x14.6	08x02.4	23x09.0	10x504	03x090	11x053	12m308	27x027
30 jun	6 34 7.6	08x40.2	03x27.8	20x06.0	01x27.6	08x39.8	23x22.6	10x460	03x066	11x037	12m300	26x558

Declinação dos Astros

Tropical Ephemeris - quinta-feira, 01 jun 1989 at noon, Greenwich SVP = 05x24.33 True Ayanamsa = 23d 42m 39s
Julian Day = 2447679.0

Decl.	Sidereal Time	Sun	Moon	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	N. Node
	h m s	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
01 jun	4 39 47.5	22n05.4	19n01.1	16n28.5	24n08.8	23n09.8	22n21.6	22s10.8	23s38.3	21s59.1	00s13.9	11s40.3
02 jun	4 43 44.1	22n13.2	23n34.6	16n16.9	24n12.9	23n03.9	22n23.0	22s11.2	23s38.3	21s59.2	00s13.8	11s44.1
03 jun	4 47 40.6	22n20.7	26n36.0	16n07.3	24n16.2	22n57.8	22n24.5	22s11.6	23s38.4	21s59.3	00s13.7	11s48.3
04 jun	4 51 37.2	22n27.8	27n49.6	15n59.8	24n18.9	22n51.6	22n25.9	22s11.9	23s38.5	21s59.4	00s13.6	11s52.5
05 jun	4 55 33.7	22n34.5	27n13.3	15n54.4	24n20.8	22n45.3	22n27.3	22s12.3	23s38.6	21s59.6	00s13.6	11s56.3
06 jun	4 59 30.3	22n40.8	24n58.8	15n51.2	24n22.0	22n38.7	22n28.7	22s12.7	23s38.7	21s59.7	00s13.5	11s59.3
07 jun	5 3 26.8	22n46.7	21n26.2	15n50.1	24n22.5	22n32.0	22n30.0	22s13.1	23s38.8	21s59.8	00s13.5	12s01.5
08 jun	5 7 23.4	22n52.1	16n57.9	15n51.0	24n22.3	22n25.2	22n31.3	22s13.5	23s38.8	21s59.9	00s13.5	12s02.6
09 jun	5 11 19.9	22n57.2	11n53.4	15n54.0	24n21.3	22n18.2	22n32.6	22s13.9	23s38.9	22s00.0	00s13.5	12s03.1
10 jun	5 15 16.5	23n01.9	06n28.4	15n58.9	24n19.7	22n11.1	22n33.9	22s14.3	23s39.0	22s00.2	00s13.5	12s03.0
11 jun	5 19 13.1	23n06.2	00n55.0	16n05.6	24n17.3	22n03.7	22n35.1	22s14.7	23s39.1	22s00.3	00s13.5	12s02.9
12 jun	5 23 9.6	23n10.1	04s37.1	16n14.2	24n14.2	21n56.3	22n36.3	22s15.2	23s39.2	22s00.4	00s13.5	12s03.1
13 jun	5 27 6.2	23n13.5	09s58.8	16n24.4	24n10.4	21n48.7	22n37.5	22s15.6	23s39.3	22s00.5	00s13.6	12s03.9
14 jun	5 31 2.7	23n16.6	15s00.6	16n36.2	24n05.9	21n40.9	22n38.7	22s16.0	23s39.3	22s00.7	00s13.6	12s05.6
15 jun	5 34 59.3	23n19.2	19s31.5	16n49.5	24n00.7	21n33.0	22n39.9	22s16.4	23s39.4	22s00.8	00s13.7	12s08.1
16 jun	5 38 55.8	23n21.5	23s18.1	17n04.1	23n54.7	21n25.0	22n41.0	22s16.9	23s39.5	22s00.9	00s13.8	12s11.3
17 jun	5 42 52.4	23n23.3	26s04.9	17n20.0	23n48.1	21n16.8	22n42.1	22s17.3	23s39.6	22s01.1	00s13.9	12s14.8
18 jun	5 46 48.9	23n24.7	27s36.6	17n37.0	23n40.8	21n08.4	22n43.1	22s17.7	23s39.6	22s01.2	00s14.0	12s18.5
19 jun	5 50 45.5	23n25.7	27s40.8	17n55.0	23n32.8	20n60.0	22n44.2	22s18.1	23s39.7	22s01.3	00s14.1	12s21.7
20 jun	5 54 42.0	23n26.3	26s11.8	18n13.9	23n24.1	20n51.3	22n45.2	22s18.6	23s39.8	22s01.5	00s14.3	12s24.4
21 jun	5 58 38.6	23n26.4	23s13.0	18n33.5	23n14.7	20n42.6	22n46.2	22s19.0	23s39.9	22s01.6	00s14.4	12s26.2
22 jun	6 2 35.2	23n26.2	18s55.5	18n53.7	23n04.6	20n33.7	22n47.2	22s19.5	23s39.9	22s01.7	00s14.6	12s27.1
23 jun	6 6 31.7	23n25.5	13s35.5	19n14.4	22n53.9	20n24.6	22n48.1	22s19.9	23s40.0	22s01.9	00s14.8	12s27.3
24 jun	6 10 28.3	23n24.5	07s31.7	19n35.5	22n42.6	20n15.4	22n49.0	22s20.3	23s40.1	22s02.0	00s15.0	12s27.1
25 jun	6 14 24.8	23n23.0	01s02.9	19n56.8	22n30.5	20n06.1	22n49.9	22s20.8	23s40.2	22s02.1	00s15.2	12s26.8
26 jun	6 18 21.4	23n21.1	05n31.7	20n18.0	22n17.9	19n56.7	22n50.8	22s21.2	23s40.2	22s02.3	00s15.4	12s26.6
27 jun	6 22 17.9	23n18.8	11n52.2	20n39.2	22n04.6	19n47.1	22n51.6	22s21.6	23s40.3	22s02.4	00s15.6	12s27.0
28 jun	6 26 14.5	23n16.1	17n37.3	21n00.1	21n50.7	19n37.4	22n52.5	22s22.1	23s40.4	22s02.6	00s15.9	12s28.1
29 jun	6 30 11.0	23n13.0	22n24.1	21n20.6	21n36.1	19n27.5	22n53.3	22s22.5	23s40.4	22s02.7	00s16.1	12s29.8
30 jun	6 34 7.6	23n09.4	25n50.3	21n40.4	21n21.0	19n17.5	22n54.0	22s23.0	23s40.5	22s02.9	00s16.4	12s32.2

JULHO DE 1989

Longitude dos Astros

Tropical Ephemeris - s/bado, 01 jul 1989 at noon, Greenwich SVP = 05x24.26 True Ayanamsa = 23d 42m 44s
Julian Day = 2447709.0

Long.	Sidereal Time	Sun	Moon	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	N.	Node
	h m s	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
01 jul	6 38 4.2	09 537.5	17 136.1	21 146.4	02 140.5	09 17.2	23 36.2	10 415	03 042	11 020	12 293	26 478	
02 jul	6 42 0.7	10 534.7	01 532.2	23 30.0	03 53.5	09 54.7	23 49.8	10 371	03 017	11 004	12 286	26 398	
03 jul	6 45 57.3	11 531.9	15 12.2	25 16.7	05 06.4	10 32.1	24 03.4	10 326	02 593	10 588	12 280	26 324	
04 jul	6 49 53.8	12 529.1	28 33.1	27 06.3	06 19.3	11 09.5	24 16.9	10 282	02 569	10 572	12 273	26 266	
05 jul	6 53 50.4	13 526.4	11 33.8	28 58.9	07 32.2	11 47.0	24 30.4	10 238	02 545	10 555	12 268	26 228	
06 jul	6 57 46.9	14 523.6	24 14.6	00 54.1	08 45.0	12 24.5	24 43.8	10 194	02 522	10 539	12 262	26 210	
07 jul	7 1 43.5	15 520.8	06 37.6	02 51.9	09 57.9	13 01.9	24 57.3	10 149	02 498	10 523	12 257	26 21.0	
08 jul	7 5 40.0	16 518.0	18 46.0	04 52.0	11 10.7	13 39.4	25 10.7	10 105	02 474	10 507	12 252	26 22.2	
09 jul	7 9 36.6	17 515.3	00 44.0	06 54.2	12 23.5	14 16.9	25 24.0	10 061	02 451	10 491	12 247	26 23.8	
10 jul	7 13 33.2	18 512.5	12 36.2	08 58.3	13 36.2	14 54.4	25 37.3	10 018	02 428	10 475	12 243	26 25.0	
11 jul	7 17 29.7	19 509.7	24 27.7	11 03.9	14 49.0	15 31.9	25 50.6	09 574	02 405	10 459	12 239	26 25.1	
12 jul	7 21 26.3	20 506.9	06 23.4	13 10.8	16 01.7	16 09.4	26 03.9	09 531	02 382	10 443	12 235	26 237	
13 jul	7 25 22.8	21 504.1	18 27.9	15 18.6	17 14.4	16 47.0	26 17.1	09 488	02 359	10 427	12 232	26 207	
14 jul	7 29 19.4	22 501.3	00 45.2	17 27.1	18 27.0	17 24.5	26 30.2	09 445	02 336	10 411	12 229	26 164	
15 jul	7 33 15.9	22 558.6	13 18.6	19 35.9	19 39.6	18 02.1	26 43.3	09 402	02 314	10 395	12 226	26 113	
16 jul	7 37 12.5	23 555.8	26 10.1	21 44.9	20 52.2	18 39.6	26 56.4	09 360	02 292	10 380	12 224	26 060	
17 jul	7 41 9.0	24 553.0	09 20.3	23 53.6	22 04.8	19 17.2	27 09.4	09 318	02 270	10 364	12 222	26 013	
18 jul	7 45 5.6	25 550.2	22 48.7	26 01.8	23 17.3	19 54.7	27 22.4	09 276	02 248	10 348	12 220	25 576	
19 jul	7 49 2.2	26 547.5	06 33.3	28 09.4	24 29.9	20 32.3	27 35.3	09 235	02 226	10 333	12 219	25 554	
20 jul	7 52 58.7	27 544.7	20 31.1	00 16.1	25 42.3	21 09.9	27 48.2	09 194	02 205	10 318	12 218	25 547	
21 jul	7 56 55.3	28 542.0	04 38.8	02 21.8	26 54.8	21 47.5	28 01.1	09 153	02 184	10 302	12 217	25 55.3	
22 jul	8 0 51.8	29 539.2	18 52.7	04 26.2	28 07.2	22 25.2	28 13.9	09 113	02 163	10 287	12 217	25 56.7	
23 jul	8 4 48.4	00 536.5	03 09.4	06 29.4	29 19.6	23 02.8	28 26.6	09 074	02 143	10 272	12 217	25 58.4	
24 jul	8 8 44.9	01 533.8	17 26.0	08 31.1	00 32.0	23 40.5	28 39.3	09 034	02 122	10 257	12 217	25 60.0	
25 jul	8 12 41.5	02 531.1	01 8 39.9	10 31.4	01 44.3	24 18.1	28 51.9	08 995	02 102	10 243	12 219	26 00.8	
26 jul	8 16 38.0	03 528.4	15 8 48.8	12 30.1	02 56.6	24 55.8	29 04.5	08 957	02 083	10 228	12 219	26 006	
27 jul	8 20 34.6	04 525.8	29 8 50.7	14 27.2	04 08.9	25 33.5	29 17.0	08 919	02 063	10 213	12 220	25 595	
28 jul	8 24 31.2	05 523.1	13 14 36.6	16 22.7	05 21.1	26 11.2	29 29.4	08 882	02 044	10 199	12 222	25 575	
29 jul	8 28 27.7	06 520.5	27 15 25.6	18 16.6	06 33.4	26 49.0	29 41.8	08 845	02 025	10 185	12 224	25 551	
30 jul	8 32 24.3	07 517.9	10 55.0	20 08.8	07 45.6	27 26.7	29 54.2	08 809	02 007	10 171	12 227	25 525	
31 jul	8 36 20.8	08 515.3	24 10.2	21 59.4	08 57.7	28 04.5	00 06.5	08 773	01 589	10 157	12 229	25 503	

Declinação dos Astros

Tropical Ephemeris - s/bado, 01 jul 1989 at noon, Greenwich SVP = 05x24.26 True Ayanamsa = 23d 42m 44s
Julian Day = 2447709.0

Decl.	Sidereal Time	Sun	Moon	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	N.	Node
	h m s	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
01 jul	6 38 4.2	23 n 05.5	27 n 37.8	21 n 59.4	21 n 05.2	19 n 07.4	22 n 54.8	22 s 23.4	23 s 40.6	22 s 03.0	00 s 16.7	12 s 34.9	
02 jul	6 42 0.7	23 n 01.2	27 n 38.5	22 n 17.3	20 n 48.9	18 n 57.2	22 n 55.5	22 s 23.8	23 s 40.6	22 s 03.1	00 s 17.0	12 s 37.7	
03 jul	6 45 57.3	22 n 56.4	25 n 56.9	22 n 34.1	20 n 32.0	18 n 46.8	22 n 56.2	22 s 24.3	23 s 40.7	22 s 03.3	00 s 17.3	12 s 40.2	
04 jul	6 49 53.8	22 n 51.3	22 n 48.9	22 n 49.5	20 n 14.5	18 n 36.3	22 n 56.9	22 s 24.7	23 s 40.8	22 s 03.4	00 s 17.6	12 s 42.1	
05 jul	6 53 50.4	22 n 45.7	18 n 35.3	23 n 03.2	19 n 56.5	18 n 25.7	22 n 57.5	22 s 25.1	23 s 40.8	22 s 03.6	00 s 18.0	12 s 43.4	
06 jul	6 57 46.9	22 n 39.8	13 n 37.5	23 n 15.1	19 n 37.9	18 n 15.0	22 n 58.1	22 s 25.6	23 s 40.9	22 s 03.7	00 s 18.3	12 s 44.0	
07 jul	7 1 43.5	22 n 33.5	08 n 13.4	23 n 25.1	19 n 18.8	18 n 04.1	22 n 58.7	22 s 26.0	23 s 40.9	22 s 03.9	00 s 18.7	12 s 44.0	
08 jul	7 5 40.0	22 n 26.7	02 n 37.5	23 n 32.9	18 n 59.2	17 n 53.2	22 n 59.3	22 s 26.4	23 s 41.0	22 s 04.0	00 s 19.0	12 s 43.6	
09 jul	7 9 36.6	22 n 19.6	02 s 58.8	23 n 38.3	18 n 39.0	17 n 42.1	22 n 59.8	22 s 26.9	23 s 41.0	22 s 04.1	00 s 19.4	12 s 43.1	
10 jul	7 13 33.2	22 n 12.1	08 s 25.8	23 n 41.3	18 n 18.4	17 n 30.9	23 n 00.4	22 s 27.3	23 s 41.1	22 s 04.3	00 s 19.8	12 s 42.7	
11 jul	7 17 29.7	22 n 04.3	13 s 34.5	23 n 41.6	17 n 57.2	17 n 19.6	23 n 00.9	22 s 27.7	23 s 41.1	22 s 04.4	00 s 20.2	12 s 42.7	
12 jul	7 21 26.3	21 n 56.0	18 s 15.0	23 n 39.3	17 n 35.6	17 n 08.1	23 n 01.3	22 s 28.1	23 s 41.2	22 s 04.6	00 s 20.7	12 s 43.1	
13 jul	7 25 22.8	21 n 47.4	22 s 15.5	23 n 34.3	17 n 13.6	16 n 56.6	23 n 01.8	22 s 28.5	23 s 41.2	22 s 04.7	00 s 21.1	12 s 44.1	
14 jul	7 29 19.4	21 n 38.4	25 s 22.0	23 n 26.5	16 n 51.0	16 n 44.9	23 n 02.2	22 s 28.9	23 s 41.3	22 s 04.8	00 s 21.5	12 s 45.6	
15 jul	7 33 15.9	21 n 29.0	27 s 19.3	23 n 16.0	16 n 28.1	16 n 33.2	23 n 02.6	22 s 29.4	23 s 41.3	22 s 05.0	00 s 22.0	12 s 47.3	
16 jul	7 37 12.5	21 n 19.3	27 s 53.0	23 n 02.8	16 n 04.7	16 n 21.3	23 n 03.0	22 s 29.8	23 s 41.4	22 s 05.1	00 s 22.5	12 s 49.1	
17 jul	7 41 9.0	21 n 09.2	26 s 53.6	22 n 46.9	15 n 40.9	16 n 09.4	23 n 03.4	22 s 30.2	23 s 41.4	22 s 05.3	00 s 22.9	12 s 50.7	
18 jul	7 45 5.6	20 n 58.8	24 s 19.6	22 n 28.5	15 n 16.7	15 n 57.3	23 n 03.7	22 s 30.6	23 s 41.5	22 s 05.4	00 s 23.4	12 s 52.0	
19 jul	7 49 2.2	20 n 48.0	20 s 19.0	22 n 07.7	14 n 52.1	15 n 45.1	23 n 04.0	22 s 31.0	23 s 41.5	22 s 05.6	00 s 23.9	12 s 52.7	
20 jul	7 52 58.7	20 n 36.8	15 s 07.2	21 n 44.6	14 n 27.1	15 n 32.8	23 n 04.3	22 s 31.3	23 s 41.6	22 s 05.7	00 s 24.5	12 s 53.0	
21 jul	7 56 55.3	20 n 25.3	09 s 04.1	21 n 19.3	14 n 01.1	15 n 20.5	23 n 04.6	22 s 31.7	23 s 41.6	22 s 05.8	00 s 25.0	12 s 52.8	
22 jul	8 0 51.8	20 n 13.5	02 s 31.2	20 n 52.0	13 n 36.0	15 n 08.0	23 n 04.8	22 s 32.1	23 s 41.6	22 s 06.0	00 s 25.5	12 s 52.3	
23 jul	8 4 48.4	20 n 01.3	04 n 09.9	20 n 22.8	13 n 09.9	14 n 55.4	23 n 05.1	22 s 32.5	23 s 41.7	22 s 06.1	00 s 26.1	12 s 51.7	
24 jul	8 8 44.9	19 n 48.9	10 n 38.0	19 n 51.9	12 n 43.5	14 n 42.7	23 n 05.3	22 s 32.9	23 s 41.7	22 s 06.2	00 s 26.6	12 s 51.2	
25 jul	8 12 41.5	19 n 35.9	16 n 31.8	19 n 19.5	12 n 16.8	14 n 30.0	23 n 05.4	22 s 33.2	23 s 41.7	22 s 06.4	00 s 27.2	12 s 50.9	
26 jul	8 16 38.0	19 n 22.8	21 n 30.4	18 n 45.6	11 n 49.8	14 n 17.1	23 n 05.6	22 s 33.6	23 s 41.8	22 s 06.5	00 s 27.8	12 s 50.9	
27 jul	8 20 34.6	19 n 09.3	25 n 13.5	18 n 10.5	11 n 22.5	14 n 04.2	23 n 05.8	22 s 34.0	23 s 41.8	22 s 06.7	00 s 28.4	12 s 51.3	
28 jul	8 24 31.2	18 n 55.4	17 n 24.3	17 n 34.1	10 n 54.8	13 n 51.1	23 n 05.9	22 s 34.3	23 s 41.8	22 s 06.8	00 s 29.0	12 s 52.0	
29 jul	8 28 27.7	18 n 41.3	27 n 53.3	16 n 56.8	10 n 26.9	13 n 38.0	23 n 06.0	22 s 34.7	23 s 41.9	22 s 06.9	00 s 29.6	12 s 52.8	
30 jul	8 32 24.3	18 n 26.9	26 n 41.4	16 n 18.6	09 n 58.8	13 n 24.8	23 n 06.1	22 s 35.0	23 s 41.9	22 s 07.1	00 s 30.2	12 s 53.7	
31 jul	8 36 20.8	18 n 12.1	23 n 59.8	15 n 39.5	09 n 30.4	13 n 11.5	23 n 06.1	22 s 35.4	23 s 41.9	22 s 07.2	00 s 30.8	12 s 54.4	

AGOSTO DE 1989

Longitude dos Astros

Tropical Ephemeris - ter Ψa-feira, 01 ago 1989 at noon, Greenwich SVP = 05 x 24.17 True Ayanamsa = 23d 42m 49s
Julian Day = 2447740.0

Long.	Sidereal Time			Sun	Moon	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	N.	Node
	h	m	s	°	°	°	°	°	°	°	°	°	°	°	°
01 ago	8	40	17.4	09 12.7	07 10.3	23 148.3	10 09.9	28 142.3	00 18.7	08 1338	01 1571	10 1143	12 123.3	25 1487	
02 ago	8	44	13.9	10 10.2	19 154.9	25 135.6	11 22.0	29 120.0	00 30.8	08 1304	01 1553	10 1130	12 123.6	25 1479	
03 ago	8	48	10.5	11 07.6	02 124.6	27 121.2	12 34.0	29 157.9	00 42.9	08 1270	01 1536	10 1116	12 124.0	25 1480	
04 ago	8	52	7.0	12 05.1	14 140.8	29 105.2	13 46.1	00 35.7	00 54.9	08 1237	01 1520	10 1103	12 124.4	25 1487	
05 ago	8	56	3.6	13 02.6	26 145.6	00 47.6	14 58.1	01 13.5	01 06.8	08 1204	01 1503	10 1090	12 124.8	25 1498	
06 ago	9	0	0.2	14 00.1	08 142.2	02 128.4	16 10.0	01 51.4	01 18.7	08 1172	01 1487	10 1077	12 125.3	25 1511	
07 ago	9	3	56.7	14 57.6	20 134.0	04 107.6	17 21.9	02 29.3	01 30.5	08 1141	01 1471	10 1065	12 125.8	25 1521	
08 ago	9	7	53.3	15 55.1	02 125.4	05 145.1	18 33.8	03 07.2	01 42.2	08 1111	01 1456	10 1052	12 126.4	25 1529	
09 ago	9	11	49.8	16 52.6	14 120.7	07 21.1	19 45.6	03 56.1	01 53.8	08 1081	01 1441	10 1040	12 127.0	25 1532	
10 ago	9	15	46.4	17 50.2	26 124.7	08 55.5	20 57.4	04 23.0	02 05.4	08 1052	01 1427	10 1028	12 127.6	25 1531	
11 ago	9	19	42.9	18 47.7	08 141.9	10 28.3	22 09.2	05 00.9	02 16.8	08 1024	01 1413	10 1016	12 128.2	25 1527	
12 ago	9	23	39.5	19 45.3	21 116.3	11 59.5	23 20.9	05 38.9	02 28.2	07 1597	01 1399	10 1005	12 128.9	25 1523	
13 ago	9	27	36.0	20 42.9	04 111.2	13 29.1	24 32.6	06 16.8	02 39.5	07 1570	01 1386	09 1593	12 129.6	25 1519	
14 ago	9	31	32.6	21 40.5	17 128.7	14 57.0	25 44.2	06 54.8	02 50.8	07 1544	01 1373	09 1582	12 130.4	25 1518	
15 ago	9	35	29.1	22 38.1	01 109.2	16 23.4	26 55.7	07 32.8	03 01.9	07 1519	01 1361	09 1571	12 131.2	25 1518	
16 ago	9	39	25.7	23 35.8	15 11.3	17 48.1	28 07.3	08 10.8	03 13.0	07 1495	01 1349	09 1561	12 132.0	25 1520	
17 ago	9	43	22.3	24 33.4	29 131.8	19 11.1	29 18.7	08 48.9	03 23.9	07 1472	01 1337	09 1550	12 132.8	25 1523	
18 ago	9	47	18.8	25 31.1	14 105.6	20 32.4	00 30.2	09 26.9	03 34.8	07 1449	01 1326	09 1540	12 133.7	25 1526	
19 ago	9	51	15.4	26 28.8	28 146.5	21 52.0	01 41.5	10 05.0	03 45.6	07 1427	01 1315	09 1530	12 134.6	25 1527	
20 ago	9	55	11.9	27 26.6	13 128.0	23 09.8	02 52.9	10 43.1	03 56.3	07 1406	01 1305	09 1521	12 135.6	25 1526	
21 ago	9	59	8.5	28 24.3	28 104.1	24 25.7	04 04.2	11 21.2	04 06.9	07 1386	01 1295	09 1511	12 136.6	25 1523	
22 ago	10	3	5.0	29 22.1	12 129.7	25 39.8	05 15.4	11 59.3	04 17.4	07 1367	01 1286	09 1502	12 137.6	25 1519	
23 ago	10	7	1.6	00 20.0	26 141.3	26 51.9	06 26.6	12 37.5	04 27.9	07 1349	01 1277	09 1493	12 138.6	25 1516	
24 ago	10	10	58.1	01 17.8	10 136.9	28 02.0	07 37.7	13 15.7	04 38.2	07 1332	01 1269	09 1485	12 139.7	25 1516	
25 ago	10	14	54.7	02 15.7	24 115.8	29 10.0	08 48.8	13 53.9	04 48.4	07 1315	01 1261	09 1476	12 140.8	25 1519	
26 ago	10	18	51.3	03 13.6	07 138.1	00 15.7	09 59.9	14 32.1	04 58.5	07 1300	01 1254	09 1468	12 141.9	25 1526	
27 ago	10	22	47.8	04 11.5	20 144.8	01 19.2	11 10.9	15 10.3	05 08.5	07 1285	01 1247	09 1460	12 143.1	25 1536	
28 ago	10	26	44.4	05 09.5	03 137.0	02 20.2	12 21.8	15 48.6	05 18.4	07 1271	01 1240	09 1453	12 144.3	25 1548	
29 ago	10	30	40.9	06 07.5	16 115.8	03 18.6	13 32.7	16 26.9	05 28.2	07 1258	01 1234	09 1446	12 145.5	25 1558	
30 ago	10	34	37.5	07 05.5	28 142.6	04 14.3	14 43.6	17 05.2	05 37.9	07 1246	01 1229	09 1439	12 146.8	25 1564	
31 ago	10	38	34.0	08 03.6	10 158.6	05 07.1	15 54.4	17 43.5	05 47.5	07 1236	01 1224	09 1432	12 148.1	25 1563	

Declinação dos Astros

Tropical Ephemeris - ter Ψa-feira, 01 ago 1989 at noon, Greenwich SVP = 05 x 24.17 True Ayanamsa = 23d 42m 49s
Julian Day = 2447740.0

Decl.	Sidereal Time			Sun	Moon	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	N.	Node
	h	m	s	°	°	°	°	°	°	°	°	°	°	°	°
01 ago	8	40	17.4	17 n 57.1	20 n 06.4	14 n 59.8	09 n 01.7	12 n 58.1	23 n 06.2	22 s 35.7	23 s 42.0	22 s 07.3	00 s 31.5	12 s 55.0	
02 ago	8	44	13.9	17 n 41.8	15 n 21.2	14 n 19.5	08 n 32.9	12 n 44.6	23 n 06.2	22 s 36.1	23 s 42.0	22 s 07.4	00 s 32.1	12 s 55.2	
03 ago	8	48	10.5	17 n 26.2	10 n 02.8	13 n 38.7	08 n 03.8	12 n 31.0	23 n 06.2	22 s 36.4	23 s 42.0	22 s 07.6	00 s 32.8	12 s 55.2	
04 ago	8	52	7.0	17 n 10.3	04 n 27.2	12 n 57.4	07 n 34.5	12 n 17.4	23 n 06.2	22 s 36.7	23 s 42.0	22 s 07.7	00 s 33.5	12 s 55.0	
05 ago	8	56	3.6	16 n 54.1	01 s 12.5	12 n 15.8	07 n 05.0	12 n 03.7	23 n 06.2	22 s 37.0	23 s 42.1	22 s 07.8	00 s 34.1	12 s 54.6	
06 ago	9	0	0.2	16 n 37.6	06 s 45.3	11 n 34.0	06 n 35.3	11 n 49.9	23 n 06.1	22 s 37.4	23 s 42.1	22 s 07.9	00 s 34.8	12 s 54.2	
07 ago	9	3	56.7	16 n 20.9	12 s 01.6	10 n 52.0	06 n 05.5	11 n 36.0	23 n 06.1	22 s 37.7	23 s 42.1	22 s 08.1	00 s 35.5	12 s 53.8	
08 ago	9	7	53.3	16 n 03.9	16 s 51.6	10 n 09.8	05 n 35.5	11 n 22.1	23 n 06.0	22 s 38.0	23 s 42.1	22 s 08.2	00 s 36.2	12 s 53.6	
09 ago	9	11	49.8	15 n 46.7	21 s 04.8	09 n 27.6	05 n 05.4	11 n 08.1	23 n 05.9	22 s 38.3	23 s 42.1	22 s 08.3	00 s 37.0	12 s 53.5	
10 ago	9	15	46.4	15 n 29.2	24 s 28.9	08 n 45.4	04 n 35.1	10 n 54.0	23 n 05.8	22 s 38.6	23 s 42.2	22 s 08.4	00 s 37.7	12 s 53.5	
11 ago	9	19	42.9	15 n 11.5	26 s 50.2	08 n 03.3	04 n 04.7	10 n 39.8	23 n 05.6	22 s 38.9	23 s 42.2	22 s 08.5	00 s 38.4	12 s 53.6	
12 ago	9	23	39.5	14 n 53.5	27 s 54.8	07 n 21.2	03 n 34.3	10 n 25.6	23 n 05.5	22 s 39.2	23 s 42.2	22 s 08.7	00 s 39.1	12 s 53.8	
13 ago	9	27	36.0	14 n 35.3	27 s 31.0	06 n 39.4	03 n 03.7	10 n 11.3	23 n 05.3	22 s 39.4	23 s 42.2	22 s 08.8	00 s 39.9	12 s 53.9	
14 ago	9	31	32.6	14 n 16.9	25 s 33.1	05 n 57.7	02 n 33.0	09 n 56.9	23 n 05.2	22 s 39.7	23 s 42.2	22 s 08.9	00 s 40.6	12 s 54.0	
15 ago	9	35	29.1	13 n 58.2	22 s 03.5	05 n 16.4	02 n 02.2	09 n 42.5	23 n 05.0	22 s 40.0	23 s 42.2	22 s 09.0	00 s 41.4	12 s 53.9	
16 ago	9	39	25.7	13 n 39.3	17 s 12.9	04 n 35.3	01 n 31.4	09 n 28.0	23 n 04.8	22 s 40.3	23 s 42.2	22 s 09.1	00 s 42.2	12 s 53.9	
17 ago	9	43	22.3	13 n 20.2	11 s 18.9	03 n 54.7	01 n 00.5	09 n 13.5	23 n 04.6	22 s 40.5	23 s 42.2	22 s 09.2	00 s 43.0	12 s 53.8	
18 ago	9	47	18.8	13 n 00.9	04 s 43.5	03 n 14.4	00 n 29.6	08 n 58.9	23 n 04.3	22 s 40.8	23 s 42.3	22 s 09.3	00 s 43.7	12 s 53.7	
19 ago	9	51	15.4	12 n 41.4	02 n 09.4	02 n 34.6	00 s 01.3	08 n 44.2	23 n 04.1	22 s 41.0	23 s 42.3	22 s 09.4	00 s 44.5	12 s 53.6	
20 ago	9	55	11.9	12 n 21.7	08 n 55.0	01 n 55.3	00 s 32.3	08 n 29.5	23 n 03.9	22 s 41.3	23 s 42.3	22 s 09.5	00 s 45.3	12 s 53.7	
21 ago	9	59	8.5	12 n 01.7	15 n 09.2	01 n 16.6	01 s 03.3	08 n 14.7	23 n 03.6	22 s 41.5	23 s 42.3	22 s 09.6	00 s 46.1	12 s 53.8	
22 ago	10	3	5.0	11 n 41.6	20 n 28.8	00 n 38.6	01 s 34.2	07 n 59.9	23 n 03.3	22 s 41.7	23 s 42.3	22 s 09.7	00 s 46.9	12 s 53.9	
23 ago	10	7	1.6	11 n 21.3	24 n 33.1	00 n 01.2	02 s 05.2	07 n 45.0	23 n 03.0	22 s 42.0	23 s 42.3	22 s 09.8	00 s 47.7	12 s 54.0	
24 ago	10	10	58.1	11 n 00.9	27 n 05.7	00 s 35.5	02 s 36.1	07 n 30.1	23 n 02.7	22 s 42.2	23 s 42.3	22 s 09.9	00 s 48.6	12 s 54.0	
25 ago	10	14	54.7	10 n 40.2	27 n 57.6	01 s 11.4	03 s 07.1	07 n 15.1	23 n 02.4	22 s 42.4	23 s 42.3	22 s 10.0	00 s 49.4	12 s 53.9	
26 ago	10	18	51.3	10 n 19.4	27 n 09.3	01 s 46.4	03 s 37.9	07 n 00.0	23 n 02.1	22 s 42.6	23 s 42.3	22 s 10.1	00 s 50.2	12 s 53.7	
27 ago	10	22	47.8	09 n 58.4	24 n 50.6	02 s 20.4	04 s 08.7	06 n 44.9	23 n 01.8	22 s 42.8	23 s 42.3	22 s 10.2	00 s 51.1	12 s 53.3	
28 ago	10	26	44.4	09 n 37.2	21 n 17.5	02 s 53.5	04 s 39.5	06 n 29.8	23 n 01.5	22 s 43.0	23 s 42.3	22 s 10.3	00 s 51.9	12 s 52.9	
29 ago	10	30	40.9	09 n 15.9	16 n 48.2	03 s 25.4	05 s 10.2	06 n 14.6	23 n 01.1	22 s 43.2	23 s 42.3	22 s 10.4	00 s 52.7	12 s 52.6	
30 ago	10	34	37.5	08 n 54.5	11 n 40.6	03 s 56.2	05 s 40.7	05 n 59.4	23 n 00.8	22 s 43.4	23 s 42.3	22 s 10.5	00 s 53.6	12 s 52.4	
31 ago	10	38	34.0	08 n 32.9	06 n 10.4	04 s 25.7	06 s 11.2	05 n 44.1	23 n 00.4	22 s 43.6	23 s 42.3	22 s 10.6	00 s 54.5	12 s 52.4	

SETEMBRO DE 1989

Longitude dos Astros

Tropical Ephemeris - sexta-feira, 01 set 1989 at noon, Greenwich SVP = 05x24.09 True Ayanamsa = 23d 42m 54s
Julian Day = 2447771.0

Long.	Sidereal Time			Sun	Moon	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	N. Node
	h	m	s	°	°	°	°	°	°	°	°	°	°	°
01 set	10	42	30.6	09m01.7	23m05.4	05±56.8	17±05.1	18m21.9	05±56.9	07v226	01v219	09v426	12m49.4	25±554
02 set	10	46	27.1	09m59.8	05±04.5	06±43.3	18±15.8	19m00.3	06±06.3	07v217	01v215	09v420	12m50.8	25±538
03 set	10	50	23.7	10m57.9	16±58.1	07±26.3	19±26.4	19m38.7	06±15.5	07v209	01v211	09v414	12m52.1	25±516
04 set	10	54	20.3	11m56.1	28±48.8	08±05.6	20±37.0	20m17.1	06±24.6	07v201	01v208	09v408	12m53.6	25±491
05 set	10	58	16.8	12m54.2	10m39.6	08±40.9	21±47.5	20m55.5	06±33.6	07v195	01v206	09v403	12m55.0	25±468
06 set	11	2	13.4	13m52.4	22m34.0	09±11.9	22±57.9	21m34.0	06±42.5	07v190	01v204	09v398	12m56.5	25±449
07 set	11	6	9.9	14m50.7	04v36.0	09±38.5	24±08.3	22m12.5	06±51.2	07v186	01v202	09v394	12m58.0	25±439
08 set	11	10	6.5	15m48.9	16v50.1	10±00.1	25±18.6	22m51.0	06±59.8	07v183	01v201	09v390	12m59.5	25±438
09 set	11	14	3.0	16m47.2	29v20.7	10±16.7	26±28.9	23m29.5	07±08.3	07v181	01v201	09v386	13m01.0	25±447
10 set	11	17	59.6	17m45.5	12v12.0	10±27.7	27±39.0	24m08.1	07±16.7	07v179	01v20.1	09v382	13m02.6	25±46.2
11 set	11	21	56.1	18m43.9	25v27.5	10±33.0	28±49.1	24m46.7	07±24.9	07v179	01v20.1	09v379	13m04.2	25±47.8
12 set	11	25	52.7	19m42.2	09±09.2	10±322	29±59.1	25m25.3	07±33.0	07v18.0	01v20.2	09v376	13m05.8	25±49.1
13 set	11	29	49.3	20m40.6	23±17.5	10±250	01m09.1	26m03.9	07±41.0	07v18.2	01v20.4	09v373	13m07.5	25±49.4
14 set	11	33	45.8	21m39.0	07v50.2	10±112	02m18.9	26m42.5	07±48.8	07v18.4	01v20.6	09v371	13m09.2	25±485
15 set	11	37	42.4	22m37.5	22v42.0	09±505	03m28.7	27m21.2	07±56.5	07v18.8	01v20.9	09v369	13m10.9	25±461
16 set	11	41	38.9	23m35.9	07v45.6	09±231	04m38.4	27m59.9	08±04.1	07v19.3	01v21.2	09v367	13m12.6	25±423
17 set	11	45	35.5	24m34.4	22v51.7	08±487	05m48.1	28m38.6	08±11.5	07v19.8	01v21.5	09v366	13m14.4	25±375
18 set	11	49	32.0	25m33.0	07v51.0	08±077	06m57.6	29m17.4	08±18.8	07v20.5	01v21.9	09v365	13m16.1	25±323
19 set	11	53	28.6	26m31.6	22v35.2	07±205	08m07.1	29m56.2	08±25.9	07v21.2	01v22.4	09v364	13m18.0	25±272
20 set	11	57	25.1	27m30.2	06v58.8	06±275	09m16.4	00±35.0	08±32.9	07v22.1	01v22.9	09v364	13m19.8	25±231
21 set	12	1	21.7	28m28.8	20v58.5	05±295	10m25.7	01±13.8	08±39.7	07v23.1	01v23.5	09v364	13m21.6	25±203
22 set	12	5	18.3	29m27.5	04±34.1	04±277	11m34.9	01±52.7	08±46.4	07v24.1	01v24.1	09v36.4	13m23.5	25±190
23 set	12	9	14.8	00±26.3	17±46.9	03±231	12m44.1	02±31.5	08±52.9	07v25.3	01v24.8	09v36.5	13m25.4	25±19.2
24 set	12	13	11.4	01±25.0	00v39.6	02±173	13m53.1	03±10.5	08±59.3	07v26.5	01v25.5	09v36.5	13m27.3	25±20.4
25 set	12	17	7.9	02±23.8	13v15.6	01±119	15m02.0	03±49.4	09±05.5	07v27.8	01v26.2	09v36.7	13m29.3	25±21.8
26 set	12	21	4.5	03±22.7	25v38.0	00±085	16m10.9	04±28.4	09±11.6	07v29.3	01v27.1	09v36.8	13m31.2	25±22.8
27 set	12	25	1.0	04±21.5	07m49.8	29m088	17m19.7	05±07.4	09±17.5	07v30.8	01v27.9	09v37.0	13m33.2	25±225
28 set	12	28	57.6	05±20.5	19m53.5	28m144	18m28.3	05±46.4	09±23.2	07v32.5	01v28.9	09v37.3	13m35.2	25±204
29 set	12	32	54.1	06±19.4	01±51.4	27m267	19m36.9	06±25.5	09±28.8	07v34.2	01v29.8	09v37.5	13m37.2	25±163
30 set	12	36	50.7	07±18.4	13±45.1	26m472	20m45.4	07±04.6	09±34.2	07v36.0	01v30.8	09v37.8	13m39.3	25±102

Declinação dos Astros

Tropical Ephemeris - sexta-feira, 01 set 1989 at noon, Greenwich SVP = 05x24.09 True Ayanamsa = 23d 42m 54s
Julian Day = 2447771.0

Decl.	Sidereal Time			Sun	Moon	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	N. Node
	h	m	s	°	°	°	°	°	°	°	°	°	°	°
01 set	10	42	30.6	08n11.1	00n31.4	04s53.8	06s41.6	05n28.8	23n00.1	22s43.8	23s42.3	22s10.7	00s55.3	12s52.7
02 set	10	46	27.1	07n49.3	05s04.7	05s20.5	07s11.8	05n13.5	22n59.7	22s44.0	23s42.3	22s10.7	00s56.2	12s53.2
03 set	10	50	23.7	07n27.3	10s27.2	05s45.5	07s41.9	04n58.1	22n59.3	22s44.2	23s42.3	22s10.8	00s57.0	12s54.0
04 set	10	54	20.3	07n05.2	15s25.8	06s08.8	08s11.9	04n42.7	22n59.0	22s44.3	23s42.3	22s10.9	00s57.9	12s54.8
05 set	10	58	16.8	06n42.9	19s50.2	06s30.3	08s41.7	04n27.2	22n58.6	22s44.5	23s42.3	22s11.0	00s58.8	12s55.6
06 set	11	2	13.4	06n20.6	23s28.8	06s49.6	09s11.3	04n11.7	22n58.2	22s44.6	23s42.3	22s11.0	00s59.7	12s56.3
07 set	11	6	9.9	05n58.2	26s09.5	07s06.8	09s40.8	03n56.2	22n57.8	22s44.8	23s42.3	22s11.1	01s00.6	12s56.6
08 set	11	10	6.5	05n35.6	27s39.8	07s21.5	10s10.1	03n40.7	22n57.4	22s44.9	23s42.3	22s11.2	01s01.4	12s56.6
09 set	11	14	3.0	05n13.0	27s48.7	07s33.7	10s39.1	03n25.1	22n57.0	22s45.1	23s42.3	22s11.2	01s02.3	12s56.3
10 set	11	17	59.6	04n50.3	26s28.8	07s43.1	11s08.0	03n09.5	22n56.6	22s45.2	23s42.3	22s11.3	01s03.2	12s55.8
11 set	11	21	56.1	04n27.5	23s39.0	07s49.4	11s36.6	02n53.9	22n56.2	22s45.3	23s42.3	22s11.4	01s04.1	12s55.3
12 set	11	25	52.7	04n04.6	19s24.6	07s52.6	12s05.0	02n38.2	22n55.9	22s45.5	23s42.3	22s11.4	01s05.0	12s54.9
13 set	11	29	49.3	03n41.7	13s57.8	07s52.2	12s33.1	02n22.6	22n55.5	22s45.6	23s42.3	22s11.5	01s05.9	12s54.7
14 set	11	33	45.8	03n18.7	07s36.4	07s48.2	13s01.0	02n06.9	22n55.1	22s45.7	23s42.3	22s11.5	01s06.8	12s55.1
15 set	11	37	42.4	02n55.6	00s42.7	07s40.3	13s28.6	01n51.2	22n54.7	22s45.8	23s42.3	22s11.6	01s07.7	12s55.9
16 set	11	41	38.9	02n32.5	06n17.9	07s28.3	13s55.9	01n35.5	22n54.3	22s45.9	23s42.3	22s11.6	01s08.6	12s57.1
17 set	11	45	35.5	02n09.3	12n57.7	07s12.2	14s22.9	01n19.7	22n53.9	22s46.0	23s42.2	22s11.7	01s09.5	12s58.8
18 set	11	49	32.0	01n46.1	18n49.1	06s51.9	14s49.6	01n04.0	22n53.5	22s46.1	23s42.2	22s11.7	01s10.4	13s00.5
19 set	11	53	28.6	01n22.9	23n26.5	06s27.4	15s16.0	00n48.2	22n53.1	22s46.2	23s42.2	22s11.8	01s11.3	13s02.2
20 set	11	57	25.1	00n59.6	26n30.2	05s58.9	15s42.1	00n32.4	22n52.7	22s46.3	23s42.2	22s11.8	01s12.2	13s03.6
21 set	12	1	21.7	00n36.3	27n49.2	05s26.7	16s07.8	00n16.6	22n52.3	22s46.3	23s42.2	22s11.9	01s13.1	13s04.6
22 set	12	5	18.3	00n12.9	27n23.9	04s51.1	16s33.2	00n00.8	22n52.0	22s46.4	23s42.2	22s11.9	01s14.0	13s05.0
23 set	12	9	14.8	00s10.4	25n24.7	04s12.7	16s58.2	00s15.0	22n51.6	22s46.5	23s42.2	22s11.9	01s14.9	13s04.9
24 set	12	13	11.4	00s33.8	22n08.3	03s32.3	17s22.9	00s30.8	22n51.2	22s46.5	23s42.2	22s12.0	01s15.8	13s04.5
25 set	12	17	7.9	00s57.2	17n53.4	02s50.5	17s47.2	00s46.6	22n50.9	22s46.6	23s42.1	22s12.0	01s16.7	13s04.0
26 set	12	21	4.5	01s20.6	12n57.5	02s08.4	18s11.0	01s02.4	22n50.5	22s46.6	23s42.1	22s12.0	01s17.6	13s03.7
27 set	12	25	1.0	01s44.0	07n35.9	01s26.9	18s34.5	01s18.2	22n50.2	22s46.6	23s42.1	22s12.1	01s18.5	13s03.8
28 set	12	28	57.6	02s07.3	02n01.6	00s46.9	18s57.6	01s34.1	22n49.8	22s46.7	23s42.1	22s12.1	01s19.5	13s04.5
29 set	12	32	54.1	02s30.7	03s33.5	00s09.3	19s20.2	01s49.9	22n49.5	22s46.7	23s42.1	22s12.1	01s20.4	13s05.9
30 set	12	36	50.7	02s54.0	08s58.8	00n25.0	19s42.4	02s05.7	22n49.2	22s46.7	23s42.1	22s12.1	01s21.3	13s07.9

OUTUBRO DE 1989

Longitude dos Astros

Tropical Ephemeris - domingo, 01 out 1989 at noon, Greenwich SVP = 05x24.00 True Ayanamsa = 23d 42m 59s
Julian Day = 2447801.0

Long.	Sidereal Time	Sun	Moon	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	N. Node
	h m s	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
01 out	12 40 47.3	08 \pm 17.4	25 \pm 36.5	26 m 166	21 m 53.7	07 \pm 43.7	09 S 39.5	07 v 38.0	01 v 31.9	09 v 38.1	13 m 41.3	25 \approx 027
02 out	12 44 43.8	09 \pm 16.4	07 m 27.1	25 m 559	23 m 02.0	08 \pm 22.8	09 S 44.5	07 v 40.0	01 v 33.0	09 v 38.5	13 m 43.4	24 \approx 546
03 out	12 48 40.4	10 \pm 15.5	19 m 19.0	25 m 456	24 m 10.1	09 \pm 02.0	09 S 49.4	07 v 42.1	01 v 34.2	09 v 38.9	13 m 45.5	24 \approx 467
04 out	12 52 36.9	11 \pm 14.6	01 \pm 14.6	25 m 45.7	25 m 18.1	09 \pm 41.2	09 S 54.2	07 v 44.3	01 v 35.4	09 v 39.3	13 m 47.6	24 \approx 400
05 out	12 56 33.5	12 \pm 13.8	13 \pm 16.7	25 m 56.3	26 m 26.0	10 \pm 20.4	09 S 58.7	07 v 46.6	01 v 36.7	09 v 39.8	13 m 49.8	24 \approx 350
06 out	13 0 30.0	13 \pm 12.9	25 \pm 29.0	26 m 17.2	27 m 33.8	10 \pm 59.7	10 S 03.1	07 v 49.0	01 v 38.0	09 v 40.3	13 m 51.9	24 \approx 321
07 out	13 4 26.6	14 \pm 12.1	07 v 55.5	26 m 47.8	28 m 41.4	11 \pm 39.0	10 S 07.3	07 v 51.5	01 v 39.4	09 v 40.8	13 m 54.1	24 \approx 311
08 out	13 8 23.1	15 \pm 11.4	20 v 40.5	27 m 27.8	29 m 48.9	12 \pm 18.3	10 S 11.3	07 v 54.1	01 v 40.8	09 v 41.4	13 m 56.3	24 \approx 31.5
09 out	13 12 19.7	16 \pm 10.6	03 v 48.1	28 m 16.3	00 \pm 56.3	12 \pm 57.6	10 S 15.2	07 v 56.8	01 v 42.3	09 v 42.0	13 m 58.5	24 \approx 32.3
10 out	13 16 16.3	17 \pm 09.9	17 \approx 21.9	29 m 12.7	02 \pm 03.5	13 \pm 37.0	10 S 18.9	07 v 59.5	01 v 43.8	09 v 42.6	14 m 00.7	24 \approx 32.7
11 out	13 20 12.8	18 \pm 09.2	01 \times 23.9	00 \pm 16.2	03 \pm 10.6	14 \pm 16.4	10 S 22.3	08 v 02.4	01 v 45.3	09 v 43.2	14 m 02.9	24 \approx 317
12 out	13 24 9.4	19 \pm 08.6	15 \times 53.9	01 \pm 26.0	04 \pm 17.5	14 \pm 55.8	10 S 25.6	08 v 05.3	01 v 47.0	09 v 43.9	14 m 05.2	24 \approx 285
13 out	13 28 5.9	20 \pm 07.9	00 v 48.5	02 \pm 41.4	05 \pm 24.3	15 \pm 35.2	10 S 28.8	08 v 08.3	01 v 48.6	09 v 44.7	14 m 07.4	24 \approx 228
14 out	13 32 2.5	21 \pm 07.4	16 v 00.8	04 \pm 01.7	06 \pm 30.9	16 \pm 14.7	10 S 31.7	08 v 11.5	01 v 50.3	09 v 45.4	14 m 09.7	24 \approx 148
15 out	13 35 59.0	22 \pm 06.8	01 h 20.7	05 \pm 26.1	07 \pm 37.3	16 \pm 54.2	10 S 34.4	08 v 14.7	01 v 52.1	09 v 46.2	14 m 12.0	24 \approx 050
16 out	13 39 55.6	23 \pm 06.3	16 h 37.1	06 \pm 54.1	08 \pm 43.6	17 \pm 33.8	10 S 37.0	08 v 18.0	01 v 53.8	09 v 47.0	14 m 14.3	23 \approx 544
17 out	13 43 52.1	24 \pm 05.8	01 h 39.0	08 \pm 25.0	09 \pm 49.7	18 \pm 13.3	10 S 39.3	08 v 21.3	01 v 55.7	09 v 47.9	14 m 16.6	23 \approx 440
18 out	13 47 48.7	25 \pm 05.3	16 h 17.9	09 \pm 58.4	10 \pm 55.6	18 \pm 52.9	10 S 41.5	08 v 24.8	01 v 57.6	09 v 48.7	14 m 18.9	23 \approx 349
19 out	13 51 45.2	26 \pm 04.9	00 S 28.9	11 \pm 33.8	12 \pm 01.3	19 \pm 32.6	10 S 43.5	08 v 28.3	01 v 59.5	09 v 49.7	14 m 21.2	23 \approx 279
20 out	13 55 41.8	27 \pm 04.6	14 S 10.5	13 \pm 10.8	13 \pm 06.9	20 \pm 12.3	10 S 45.3	08 v 32.0	02 v 01.5	09 v 50.6	14 m 23.5	23 \approx 232
21 out	13 59 38.4	28 \pm 04.2	27 S 24.0	14 \pm 49.0	14 \pm 12.2	20 \pm 52.0	10 S 46.9	08 v 35.7	02 v 03.5	09 v 51.6	14 m 25.9	23 \approx 210
22 out	14 3 34.9	29 \pm 03.9	10 h 13.1	16 \pm 28.2	15 \pm 17.4	21 \pm 31.7	10 S 48.3	08 v 39.5	02 v 05.5	09 v 52.6	14 m 28.2	23 \approx 204
23 out	14 7 31.5	00 m 03.7	22 h 42.2	18 \pm 08.1	16 \pm 22.3	22 \pm 11.5	10 S 49.5	08 v 43.4	02 v 07.6	09 v 53.6	14 m 30.6	23 \approx 20.6
24 out	14 11 28.0	01 m 03.4	04 m 55.9	19 \pm 48.5	17 \pm 27.1	22 \pm 51.3	10 S 50.5	08 v 47.3	02 v 09.8	09 v 54.7	14 m 33.0	23 \approx 205
25 out	14 15 24.6	02 m 03.3	16 m 58.7	21 \pm 29.1	18 \pm 31.6	23 \pm 31.1	10 S 51.3	08 v 51.4	02 v 12.0	09 v 55.8	14 m 35.4	23 \approx 188
26 out	14 19 21.1	03 m 03.1	28 m 54.5	23 \pm 10.0	19 \pm 35.9	24 \pm 11.0	10 S 51.9	08 v 55.5	02 v 14.2	09 v 56.9	14 m 37.7	23 \approx 149
27 out	14 23 17.7	04 m 03.0	10 \pm 46.4	24 \pm 50.8	20 \pm 40.0	24 \pm 50.9	10 S 52.3	08 v 59.7	02 v 16.5	09 v 58.1	14 m 40.1	23 \approx 083
28 out	14 27 14.2	05 m 02.9	22 \pm 37.1	26 \pm 31.6	21 \pm 43.8	25 \pm 30.8	10 S 52.5	09 v 04.0	02 v 18.8	09 v 59.3	14 m 42.5	22 \approx 590
29 out	14 31 10.8	06 m 02.9	04 m 28.4	28 \pm 12.3	22 \pm 47.4	26 \pm 10.8	10 S 52.5	09 v 08.3	02 v 21.1	10 v 00.5	14 m 44.9	22 \approx 478
30 out	14 35 7.4	07 m 02.9	16 m 21.7	29 \pm 52.7	23 \pm 50.7	26 \pm 50.8	10 S 52.3	09 v 12.7	02 v 23.5	10 v 01.7	14 m 47.3	22 \approx 355
31 out	14 39 3.9	08 m 02.9	28 m 18.3	01 m 32.8	24 \pm 53.8	27 \pm 30.9	10 S 51.9	09 v 17.2	02 v 26.0	10 v 03.0	14 m 49.8	22 \approx 234

Declinação dos Astros

Tropical Ephemeris - domingo, 01 out 1989 at noon, Greenwich SVP = 05x24.00 True Ayanamsa = 23d 42m 59s
Julian Day = 2447801.0

Decl.	Sidereal Time	Sun	Moon	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	N. Node
	h m s	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
01 out	12 40 47.3	03 s 17.3	14 s 03.7	00 n 55.4	20 s 04.1	02 s 21.5	22 n 48.9	22 s 46.7	23 s 42.1	22 s 12.1	01 s 22.1	13 s 10.4
02 out	12 44 43.8	03 s 40.6	18 s 37.1	01 n 21.3	20 s 25.4	02 s 37.3	22 n 48.6	22 s 46.7	23 s 42.0	22 s 12.1	01 s 23.0	13 s 13.2
03 out	12 48 40.4	04 s 03.8	22 s 27.6	01 n 42.4	20 s 46.2	02 s 53.1	22 n 48.3	22 s 46.7	23 s 42.0	22 s 12.2	01 s 23.9	13 s 15.8
04 out	12 52 36.9	04 s 26.9	25 s 23.4	01 n 58.2	21 s 06.6	03 s 08.9	22 n 48.0	22 s 46.7	23 s 42.0	22 s 12.2	01 s 24.8	13 s 18.0
05 out	12 56 33.5	04 s 50.0	27 s 12.7	02 n 08.7	21 s 26.4	03 s 24.7	22 n 47.7	22 s 46.7	23 s 42.0	22 s 12.2	01 s 25.7	13 s 19.7
06 out	13 0 30.0	05 s 13.1	27 s 45.6	02 n 14.0	21 s 45.7	03 s 40.4	22 n 47.4	22 s 46.7	23 s 42.0	22 s 12.2	01 s 26.6	13 s 20.7
07 out	13 4 26.6	05 s 36.1	26 s 55.4	02 n 14.0	22 s 04.6	03 s 56.1	22 n 47.2	22 s 46.7	23 s 41.9	22 s 12.2	01 s 27.5	13 s 21.0
08 out	13 8 23.1	05 s 59.0	24 s 40.4	02 n 09.0	22 s 22.9	04 s 11.9	22 n 47.0	22 s 46.6	23 s 41.9	22 s 12.2	01 s 28.4	13 s 20.9
09 out	13 12 19.7	06 s 21.8	21 s 03.9	01 n 59.2	22 s 40.6	04 s 27.6	22 n 46.7	22 s 46.6	23 s 41.9	22 s 12.2	01 s 29.2	13 s 20.6
10 out	13 16 16.3	06 s 44.5	16 s 14.2	01 n 44.9	22 s 57.9	04 s 43.2	22 n 46.5	22 s 46.5	23 s 41.9	22 s 12.2	01 s 30.1	13 s 20.5
11 out	13 20 12.8	07 s 07.2	10 s 24.0	01 n 26.6	23 s 14.6	04 s 58.9	22 n 46.3	22 s 46.5	23 s 41.8	22 s 12.2	01 s 31.0	13 s 20.8
12 out	13 24 9.4	07 s 29.7	03 s 50.2	01 n 04.5	23 s 30.7	05 s 14.5	22 n 46.1	22 s 46.4	23 s 41.8	22 s 12.1	01 s 31.9	13 s 21.9
13 out	13 28 5.9	07 s 52.2	03 n 06.1	00 n 39.0	23 s 46.3	05 s 30.1	22 n 46.0	22 s 46.3	23 s 41.8	22 s 12.1	01 s 32.7	13 s 23.7
14 out	13 32 2.5	08 s 14.5	09 n 59.1	00 n 10.5	24 s 01.2	05 s 45.7	22 n 45.8	22 s 46.3	23 s 41.8	22 s 12.1	01 s 33.6	13 s 26.4
15 out	13 35 59.0	08 s 36.7	16 n 19.6	00 s 20.5	24 s 15.7	06 s 01.2	22 n 45.7	22 s 46.2	23 s 41.7	22 s 12.1	01 s 34.4	13 s 29.7
16 out	13 39 55.6	08 s 58.8	21 n 37.1	00 s 53.9	24 s 29.5	06 s 16.7	22 n 45.5	22 s 46.1	23 s 41.7	22 s 12.1	01 s 35.3	13 s 33.2
17 out	13 43 52.1	09 s 20.8	25 n 24.6	01 s 29.2	24 s 42.7	06 s 32.2	22 n 45.4	22 s 46.0	23 s 41.7	22 s 12.1	01 s 36.1	13 s 36.6
18 out	13 47 48.7	09 s 42.7	27 n 23.8	02 s 06.1								

NOVEMBRO DE 1989

Longitude dos Astros

Tropical Ephemeris - quarta-feira, 01 nov 1989 at noon, Greenwich SVP = 05 x 23.91 True Ayanamsa = 23d 43m 04s
Julian Day = 2447832.0

Long.	Sidereal Time			Sun	Moon	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	N.	Node
	h	m	s	°	°	°	°	°	°	°	°	°	°	°	°
01 nov	14	43	0.5	09 m 02.9	10 s 19.5	03 m 12.7	25 s 56.5	28 s 10.9	10 s 51.2	09 s 21.8	02 s 28.4	10 s 04.3	14 m 52.2	22 s 126	
02 nov	14	46	57.0	10 m 03.0	22 s 27.2	04 m 52.2	26 s 59.0	28 s 51.0	10 s 50.4	09 s 26.5	02 s 30.9	10 s 05.6	14 m 54.6	22 s 040	
03 nov	14	50	53.6	11 m 03.1	04 s 43.6	06 m 31.3	28 s 01.2	29 s 31.2	10 s 49.4	09 s 31.2	02 s 33.5	10 s 07.0	14 m 57.0	21 s 581	
04 nov	14	54	50.1	12 m 03.2	17 s 11.5	08 m 10.1	29 s 03.1	00 m 11.3	10 s 48.2	09 s 36.0	02 s 36.1	10 s 08.4	14 m 59.4	21 s 549	
05 nov	14	58	46.7	13 m 03.4	29 s 54.4	09 m 48.4	00 s 04.6	00 m 51.5	10 s 46.8	09 s 40.8	02 s 38.7	10 s 09.8	15 m 01.9	21 s 536	
06 nov	15	2	43.2	14 m 03.6	12 s 56.1	11 m 26.4	01 s 05.8	01 m 31.7	10 s 45.2	09 s 45.8	02 s 41.3	10 s 11.2	15 m 04.3	21 s 533	
07 nov	15	6	39.8	15 m 03.8	26 s 20.3	13 m 04.0	02 s 06.7	02 m 12.0	10 s 43.4	09 s 50.8	02 s 44.0	10 s 12.7	15 m 06.7	21 s 529	
08 nov	15	10	36.4	16 m 04.0	10 s 10.0	14 m 41.2	03 s 07.1	02 m 52.3	10 s 41.3	09 s 55.8	02 s 46.8	10 s 14.2	15 m 09.2	21 s 511	
09 nov	15	14	32.9	17 m 04.2	24 s 26.4	16 m 18.1	04 s 07.2	03 m 32.6	10 s 39.1	10 s 01.0	02 s 49.5	10 s 15.7	15 m 11.6	21 s 471	
10 nov	15	18	29.5	18 m 04.5	09 s 08.4	17 m 54.6	05 s 06.9	04 m 13.0	10 s 36.7	10 s 06.2	02 s 52.3	10 s 17.3	15 m 14.0	21 s 403	
11 nov	15	22	26.0	19 m 04.8	24 s 11.1	19 m 30.7	06 s 06.2	04 m 53.4	10 s 34.1	10 s 11.4	02 s 55.1	10 s 18.8	15 m 16.4	21 s 308	
12 nov	15	26	22.6	20 m 05.2	09 s 26.3	21 m 06.5	07 s 05.1	05 m 33.8	10 s 31.3	10 s 16.8	02 s 58.0	10 s 20.4	15 m 18.9	21 s 192	
13 nov	15	30	19.1	21 m 05.5	24 s 43.3	22 m 42.0	08 s 03.5	06 m 14.2	10 s 28.4	10 s 22.1	03 s 00.9	10 s 22.1	15 m 21.3	21 s 064	
14 nov	15	34	15.7	22 m 05.9	09 s 50.7	24 m 17.2	09 s 01.4	06 m 54.7	10 s 25.2	10 s 27.6	03 s 03.8	10 s 23.7	15 m 23.7	20 s 537	
15 nov	15	38	12.2	23 m 06.3	24 s 38.4	25 m 52.1	09 s 58.9	07 m 35.3	10 s 21.8	10 s 33.1	03 s 06.7	10 s 25.4	15 m 26.1	20 s 423	
16 nov	15	42	8.8	24 m 06.8	08 s 59.3	27 m 26.7	10 s 55.9	08 m 15.8	10 s 18.2	10 s 38.7	03 s 09.7	10 s 27.1	15 m 28.5	20 s 331	
17 nov	15	46	5.4	25 m 07.2	22 s 50.1	29 m 01.1	11 s 52.3	08 m 56.4	10 s 14.5	10 s 44.3	03 s 12.7	10 s 28.8	15 m 30.9	20 s 266	
18 nov	15	50	1.9	26 m 07.7	06 s 10.8	00 s 35.2	12 s 48.3	09 m 37.1	10 s 10.6	10 s 50.0	03 s 15.8	10 s 30.5	15 m 33.3	20 s 229	
19 nov	15	53	58.5	27 m 08.3	19 s 04.3	02 s 09.1	13 s 43.6	10 m 17.7	10 s 06.4	10 s 55.7	03 s 18.8	10 s 32.3	15 m 35.7	20 s 213	
20 nov	15	57	55.0	28 m 08.8	01 m 35.0	03 s 42.8	14 s 38.5	10 m 58.4	10 s 02.1	11 s 01.5	03 s 21.9	10 s 34.1	15 m 38.1	20 s 210	
21 nov	16	1	51.6	29 m 09.4	13 m 48.1	05 s 16.3	15 s 32.7	11 m 39.2	09 s 57.7	11 s 07.3	03 s 25.1	10 s 35.9	15 m 40.5	20 s 207	
22 nov	16	5	48.1	00 s 10.1	25 m 48.6	06 s 49.6	16 s 26.3	12 m 20.0	09 s 53.0	11 s 13.2	03 s 28.2	10 s 37.7	15 m 42.9	20 s 193	
23 nov	16	9	44.7	01 s 10.7	07 s 41.7	08 s 22.8	17 s 19.3	13 m 00.8	09 s 48.2	11 s 19.2	03 s 31.4	10 s 39.5	15 m 45.2	20 s 158	
24 nov	16	13	41.2	02 s 11.4	19 s 31.6	09 s 55.8	18 s 11.6	13 m 41.6	09 s 43.2	11 s 25.2	03 s 34.6	10 s 41.4	15 m 47.6	20 s 097	
25 nov	16	17	37.8	03 s 12.1	01 m 21.8	11 s 28.6	19 s 03.2	14 m 22.5	09 s 38.0	11 s 31.2	03 s 37.8	10 s 43.3	15 m 49.9	20 s 010	
26 nov	16	21	34.4	04 s 12.8	13 m 15.2	13 s 01.3	19 s 54.0	15 m 03.5	09 s 32.7	11 s 37.3	03 s 41.0	10 s 45.2	15 m 52.3	19 s 501	
27 nov	16	25	30.9	05 s 13.6	25 m 13.5	14 s 33.9	20 s 44.2	15 m 44.4	09 s 27.2	11 s 43.5	03 s 44.3	10 s 47.1	15 m 54.6	19 s 381	
28 nov	16	29	27.5	06 s 14.3	07 s 18.2	16 s 06.4	21 s 33.5	16 m 25.4	09 s 21.5	11 s 49.7	03 s 47.6	10 s 49.0	15 m 56.9	19 s 261	
29 nov	16	33	24.0	07 s 15.1	19 s 30.0	17 s 38.7	22 s 22.1	17 m 06.4	09 s 15.7	11 s 55.9	03 s 50.9	10 s 51.0	15 m 59.2	19 s 152	
30 nov	16	37	20.6	08 s 16.0	01 m 49.8	19 s 10.9	23 s 09.8	17 m 47.5	09 s 09.7	12 s 02.2	03 s 54.2	10 s 53.0	16 m 01.5	19 s 064	

Declinação dos Astros

Tropical Ephemeris - quarta-feira, 01 nov 1989 at noon, Greenwich SVP = 05 x 23.91 True Ayanamsa = 23d 43m 04s
Julian Day = 2447832.0

Decl.	Sidereal Time			Sun	Moon	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	N.	Node
	h	m	s	°	°	°	°	°	°	°	°	°	°	°	°
01 nov	14	43	0.5	14 s 30.8	26 s 42.4	11 s 37.5	26 s 46.8	10 s 19.3	22 n 45.6	22 s 43.6	23 s 41.1	22 s 11.4	01 s 48.1	14 s 06.5	
02 nov	14	46	57.0	14 s 49.9	27 s 32.7	12 s 17.0	26 s 49.9	10 s 34.0	22 n 45.8	22 s 43.4	23 s 41.0	22 s 11.3	01 s 48.8	14 s 09.3	
03 nov	14	50	53.6	15 s 08.7	27 s 02.5	12 s 55.9	26 s 52.5	10 s 48.6	22 n 46.0	22 s 43.2	23 s 41.0	22 s 11.3	01 s 49.6	14 s 11.2	
04 nov	14	54	50.1	15 s 27.2	25 s 10.5	13 s 34.2	26 s 54.4	11 s 03.2	22 n 46.1	22 s 42.9	23 s 40.9	22 s 11.2	01 s 50.3	14 s 12.3	
05 nov	14	58	46.7	15 s 45.5	22 s 00.6	14 s 11.8	26 s 55.7	11 s 17.7	22 n 46.3	22 s 42.7	23 s 40.9	22 s 11.1	01 s 51.0	14 s 12.7	
06 nov	15	2	43.2	16 s 03.6	17 s 40.7	14 s 48.7	26 s 56.3	11 s 32.1	22 n 46.6	22 s 42.4	23 s 40.8	22 s 11.0	01 s 51.7	14 s 12.7	
07 nov	15	6	39.8	16 s 21.3	12 s 21.7	15 s 24.9	26 s 56.4	11 s 46.4	22 n 46.8	22 s 42.2	23 s 40.7	22 s 11.0	01 s 52.4	14 s 12.9	
08 nov	15	10	36.4	16 s 38.8	06 s 17.0	16 s 00.3	26 s 55.8	12 s 00.7	22 n 47.1	22 s 41.9	23 s 40.7	22 s 10.9	01 s 53.1	14 s 13.4	
09 nov	15	14	32.9	16 s 56.0	00 m 17.3	16 s 34.9	26 s 54.6	12 s 14.9	22 n 47.3	22 s 41.6	23 s 40.6	22 s 10.8	01 s 53.8	14 s 14.8	
10 nov	15	18	29.5	17 s 12.9	07 m 01.4	17 s 08.7	26 s 52.8	12 s 29.0	22 n 47.6	22 s 41.3	23 s 40.6	22 s 10.7	01 s 54.5	14 s 16.9	
11 nov	15	22	26.0	17 s 29.6	13 n 30.7	17 s 41.6	26 s 50.4	12 s 43.1	22 n 47.9	22 s 41.0	23 s 40.5	22 s 10.6	01 s 55.2	14 s 20.0	
12 nov	15	26	22.6	17 s 45.9	19 n 16.2	18 s 13.7	26 s 47.4	12 s 57.0	22 n 48.2	22 s 40.7	23 s 40.4	22 s 10.5	01 s 55.8	14 s 23.7	
13 nov	15	30	19.1	18 s 01.9	23 n 47.0	18 s 44.8	26 s 43.8	13 s 10.9	22 n 48.6	22 s 40.4	23 s 40.4	22 s 10.4	01 s 56.5	14 s 27.8	
14 nov	15	34	15.7	18 s 17.6	26 n 36.4	19 s 15.0	26 s 39.6	13 s 24.6	22 n 48.9	22 s 40.1	23 s 40.3	22 s 10.3	01 s 57.1	14 s 31.9	
15 nov	15	38	12.2	18 s 33.0	27 n 29.5	19 s 44.2	26 s 34.9	13 s 38.3	22 n 49.3	22 s 39.7	23 s 40.2	22 s 10.2	01 s 57.8	14 s 35.5	
16 nov	15	42	8.8	18 s 48.1	26 n 28.1	20 s 12.5	26 s 29.6	13 s 51.9	22 n 49.7	22 s 39.4	23 s 40.2	22 s 10.1	01 s 58.4	14 s 38.4	
17 nov	15	46	5.4	19 s 02.8	23 n 49.2	20 s 39.8	26 s 23.8	14 s 05.4	22 n 50.0	22 s 39.0	23 s 40.1	22 s 10.0	01 s 59.0	14 s 40.5	
18 nov	15	50	1.9	19 s 17.2	19 n 56.5	21 s 06.1	26 s 17.4	14 s 18.8	22 n 50.4	22 s 38.7	23 s 40.0	22 s 09.9	01 s 59.6	14 s 41.7	
19 nov	15	53	58.5	19 s 31.2	15 n 13.7	21 s 31.3	26 s 10.6	14 s 32.1	22 n 50.9	22 s 38.3	23 s 39.9	22 s 09.8	02 s 00.2	14 s 42.2	
20 nov	15	57	55.0	19 s 44.9	10 n 00.4	21 s 55.4	26 s 03.2	14 s 45.3	22 n 51.3	22 s 37.9	23 s 39.9	22 s 09.7	02 s 00.8	14 s 42.3	
21 nov	16	1	51.6	19 s 58.3	04 n 31.7	22 s 18.5	25 s 55.3	14 s 58.5	22 n 51.7	22 s 37.5	23 s 39.8	22 s 09.6	02 s 01.3	14 s 42.4	
22 nov	16	5	48.1	20 s 11.2	01 s 00.6	22 s 40.5	25 s 46.9	15 s 11.4	22 n 52.2	22 s 37.1	23 s 39.7	22 s 09.5	02 s 01.9	14 s 42.8	
23 nov	16	9	44.7	20 s 23.8	06 s 26.9	23 s 01.3	25 s 38.0	15 s 24.3	22 n 52.7	22 s 36.7	23 s 39.6	22 s 09.3	02 s 02.4	14 s 43.9	
24 nov	16	13	41.2	20 s 36.0	11 s 37.8	23 s 21.0	25 s 28.7	15 s 37.1	22 n 53.1	22 s 36.3	23 s 39.5	22 s 09.2	02 s 03.0	14 s 45.8	
25 nov	16	17	37.8	20 s 47.9	16 s 23.5	23 s 39.5	25 s 18.9	15 s 49.8	22 n 53.6	22 s 35.9	23 s 39.4	22 s 09.1	02 s 03.5	14 s 48.6	
26 nov	16	21	34.4	20 s 59.3	20 s 33.0	23 s 56.7	25 s 08.7	16 s 02.3	22 n 54.1	22 s 35.5	23 s 39.4	22 s 09.0	02 s 04.0	14 s 52.0	
27 nov	16	25	30.9	21 s 10.4	23 s 54.0	24 s 12.8	24 s 58.1	16 s 14.8	22 n 54.6	22 s 35.0	23 s 39.3	22 s 08.9	02 s 04.5	14 s 55.8	
28 nov	16	29	27.5	21 s 21.1	26 s 13.6	24 s 27.6	24 s 47.0	16 s 27.1	22 n 55.1	22 s 34.6	23 s 39.2	22 s 08.7	02 s 05.0	14 s 59.5	
29 nov	16	33	24.0	21 s 31.3	27 s 20.6	24 s 41.2	24 s 35.6	16 s 39.3	22 n 55.7	22 s 34.1	23 s 39.1	22 s 08.6	02 s 05.5	15 s 02.9	
30 nov	16	37	20.6	21 s 41.2	27 s 07.1	24 s 53.4	24 s 23.8	16 s 51.4	22 n 56.2	22 s 33.6	23 s 39.0	22 s 08.5	02 s 06.0	15 s 05.7	

DEZEMBRO DE 1989

Longitude dos Astros

Tropical Ephemeris - sexta-feira, 01 dez 1989 at noon, Greenwich SVP = 05 x 23.83 True Ayanamsa = 23d 43m 09s
Julian Day = 2447862.0

Long.	Sidereal Time	Sun	Moon	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	N. Node
	h m s	°	°	°	°	°	°	°	°	°	°	°
01 dez	16 41 17.1	09 16.8	14 18.5	20 42.9	23 56.6	18 28.6	09 036	12 08.5	03 57.6	10 55.0	16 03.8	18 002
02 dez	16 45 13.7	10 17.6	26 57.4	22 14.8	24 42.4	19 09.8	08 574	12 14.9	04 01.0	10 57.0	16 06.1	18 566
03 dez	16 49 10.2	11 18.5	09 48.4	23 46.5	25 27.3	19 50.9	08 510	12 21.3	04 04.4	10 59.0	16 08.3	18 553
04 dez	16 53 6.8	12 19.4	22 53.9	25 18.0	26 11.2	20 32.1	08 444	12 27.7	04 07.8	11 01.0	16 10.5	18 553
05 dez	16 57 3.4	13 20.3	06 16.3	26 49.3	26 54.0	21 13.4	08 378	12 34.2	04 11.2	11 03.1	16 12.8	18 555.5
06 dez	17 0 59.9	14 21.2	19 58.0	28 20.3	27 35.8	21 54.6	08 310	12 40.7	04 14.6	11 05.2	16 15.0	18 548
07 dez	17 4 56.5	15 22.1	04 00.5	29 51.1	28 16.3	22 35.9	08 241	12 47.3	04 18.1	11 07.3	16 17.2	18 524
08 dez	17 8 53.0	16 23.0	18 23.7	01 21.4	28 55.7	23 17.3	08 171	12 53.9	04 21.6	11 09.4	16 19.4	18 476
09 dez	17 12 49.6	17 24.0	03 04.9	02 51.3	29 33.8	23 58.6	08 100	13 00.5	04 25.0	11 11.5	16 21.5	18 406
10 dez	17 16 46.1	18 24.9	17 58.6	04 20.7	00 10.6	24 40.0	08 028	13 07.2	04 28.5	11 13.6	16 23.7	18 316
11 dez	17 20 42.7	19 25.9	02 57.1	05 49.5	00 46.1	25 21.5	07 554	13 13.9	04 32.1	11 15.7	16 25.8	18 214
12 dez	17 24 39.2	20 26.9	17 51.0	07 17.6	01 20.1	26 03.0	07 480	13 20.6	04 35.6	11 17.9	16 27.9	18 112
13 dez	17 28 35.8	21 27.8	02 31.3	08 44.8	01 52.7	26 44.5	07 405	13 27.3	04 39.1	11 20.0	16 30.0	18 019
14 dez	17 32 32.3	22 28.8	16 50.6	10 11.0	02 23.7	27 26.0	07 329	13 34.1	04 42.6	11 22.2	16 32.0	17 543
15 dez	17 36 28.9	23 29.9	00 44.1	11 35.9	02 53.2	28 07.6	07 252	13 40.9	04 46.2	11 24.4	16 34.1	17 491
16 dez	17 40 25.5	24 30.9	14 10.1	12 59.5	03 21.0	28 49.3	07 175	13 47.8	04 49.8	11 26.6	16 36.1	17 463
17 dez	17 44 22.0	25 31.9	27 09.7	14 21.3	03 47.2	29 30.9	07 097	13 54.6	04 53.3	11 28.8	16 38.1	17 455
18 dez	17 48 18.6	26 33.0	09 46.0	15 41.1	04 11.5	00 12.6	07 018	14 01.5	04 56.9	11 31.0	16 40.1	17 460.9
19 dez	17 52 15.1	27 34.1	22 03.3	16 58.5	04 34.1	00 54.4	06 539	14 08.4	05 00.5	11 33.2	16 42.1	17 469
20 dez	17 56 11.7	28 35.2	04 06.6	18 13.2	04 54.7	01 36.1	06 459	14 15.3	05 04.1	11 35.4	16 44.1	17 472
21 dez	18 0 8.2	29 36.3	16 01.2	19 24.7	05 13.4	02 18.0	06 379	14 22.3	05 07.7	11 37.7	16 46.0	17 460
22 dez	18 4 4.8	00 37.4	27 51.9	20 32.4	05 30.1	02 59.8	06 298	14 29.2	05 11.3	11 39.9	16 47.9	17 430
23 dez	18 8 1.3	01 38.5	09 43.4	21 35.7	05 44.7	03 41.7	06 217	14 36.2	05 14.9	11 42.1	16 49.8	17 381
24 dez	18 11 57.9	02 39.7	21 39.4	22 34.0	05 57.1	04 23.6	06 136	14 43.2	05 18.5	11 44.4	16 51.6	17 315
25 dez	18 15 54.5	03 40.8	03 42.9	23 26.5	06 07.4	05 05.6	06 055	14 50.2	05 22.1	11 46.6	16 53.4	17 240
26 dez	18 19 51.0	04 42.0	15 56.0	24 12.4	06 15.4	05 47.6	05 573	14 57.3	05 25.7	11 48.9	16 55.2	17 163
27 dez	18 23 47.6	05 43.1	28 20.2	24 50.8	06 21.1	06 29.6	05 492	15 04.3	05 29.3	11 51.2	16 57.0	17 093
28 dez	18 27 44.1	06 44.3	10 55.9	25 20.9	06 24.4	07 11.7	05 410	15 11.4	05 32.9	11 53.4	16 58.8	17 037
29 dez	18 31 40.7	07 45.4	23 43.3	25 41.6	06 25.3	07 53.8	05 329	15 18.4	05 36.5	11 55.7	17 00.5	16 600
30 dez	18 35 37.2	08 46.6	06 42.4	25 52.2	06 23.7	08 36.0	05 248	15 25.5	05 40.1	11 58.0	17 02.2	16 582
31 dez	18 39 33.8	09 47.8	19 53.0	25 51.9	06 19.7	09 18.1	05 166	15 32.6	05 43.8	12 00.2	17 03.9	16 581

Declinação dos Astros

Tropical Ephemeris - sexta-feira, 01 dez 1989 at noon, Greenwich SVP = 05 x 23.83 True Ayanamsa = 23d 43m 09s
Julian Day = 2447862.0

Decl.	Sidereal Time	Sun	Moon	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	N. Node
	h m s	°	°	°	°	°	°	°	°	°	°	°
01 dez	16 41 17.1	21 s 50.6	25 s 31.1	25 s 04.4	24 s 11.7	17 s 03.3	22 n 56.7	22 s 33.1	23 s 38.9	22 s 08.3	02 s 06.5	15 s 07.6
02 dez	16 45 13.7	21 s 59.6	22 s 36.9	25 s 14.0	23 s 59.2	17 s 15.1	22 n 57.3	22 s 32.7	23 s 38.8	22 s 08.2	02 s 06.9	15 s 08.7
03 dez	16 49 10.2	22 s 08.2	18 s 33.2	25 s 22.2	23 s 46.4	17 s 26.8	22 n 57.8	22 s 32.2	23 s 39.7	22 s 08.0	02 s 07.4	15 s 09.2
04 dez	16 53 6.8	22 s 16.4	13 s 32.2	25 s 29.1	23 s 33.3	17 s 38.4	22 n 58.4	22 s 31.6	23 s 38.6	22 s 07.9	02 s 07.8	15 s 09.2
05 dez	16 57 3.4	22 s 24.1	07 s 47.2	25 s 34.5	23 s 20.0	17 s 49.8	22 n 58.9	22 s 31.1	23 s 38.5	22 s 07.7	02 s 08.2	15 s 09.1
06 dez	17 0 59.9	22 s 31.4	01 s 33.0	25 s 38.6	23 s 06.3	18 s 01.1	22 n 59.5	22 s 30.6	23 s 38.4	22 s 07.6	02 s 08.6	15 s 09.3
07 dez	17 4 56.5	22 s 38.2	04 n 54.4	25 s 41.2	22 s 52.5	18 s 12.2	23 n 00.0	22 s 30.1	23 s 38.3	22 s 07.4	02 s 09.0	15 s 10.1
08 dez	17 8 53.0	22 s 44.6	11 n 15.6	25 s 42.4	22 s 38.4	18 s 23.2	23 n 00.6	22 s 29.5	23 s 38.2	22 s 07.3	02 s 09.4	15 s 11.5
09 dez	17 12 49.6	22 s 50.6	17 n 07.4	25 s 42.1	22 s 24.1	18 s 34.1	23 n 01.2	22 s 29.0	23 s 38.0	22 s 07.1	02 s 09.7	15 s 13.7
10 dez	17 16 46.1	22 s 56.1	22 n 02.7	25 s 40.4	22 s 09.7	18 s 44.8	23 n 01.7	22 s 28.4	23 s 37.9	22 s 07.0	02 s 10.1	15 s 16.5
11 dez	17 20 42.7	23 s 01.2	25 n 33.3	25 s 37.1	21 s 55.1	18 s 55.4	23 n 02.3	22 s 27.8	23 s 37.8	22 s 06.8	02 s 10.4	15 s 19.6
12 dez	17 24 39.2	23 s 05.8	27 n 16.4	25 s 32.5	21 s 40.3	19 s 05.8	23 n 02.9	22 s 27.2	23 s 37.7	22 s 06.7	02 s 10.8	15 s 22.8
13 dez	17 28 35.8	23 s 09.9	27 n 02.5	25 s 26.3	21 s 25.5	19 s 16.0	23 n 03.4	22 s 26.6	23 s 37.6	22 s 06.5	02 s 11.1	15 s 25.7
14 dez	17 32 32.3	23 s 13.6	24 n 59.2	25 s 18.7	21 s 10.5	19 s 26.1	23 n 04.0	22 s 26.0	23 s 37.5	22 s 06.3	02 s 11.4	15 s 28.0
15 dez	17 36 28.9	23 s 16.9	21 n 27.6	25 s 09.7	20 s 55.5	19 s 36.1	23 n 04.6	22 s 25.4	23 s 37.3	22 s 06.2	02 s 11.7	15 s 29.5
16 dez	17 40 25.5	23 s 19.6	16 n 53.3	24 s 59.3	20 s 40.5	19 s 45.9	23 n 05.1	22 s 24.8	23 s 37.2	22 s 06.0	02 s 12.0	15 s 30.4
17 dez	17 44 22.0	23 s 21.9	11 n 40.2	24 s 47.5	20 s 25.4	19 s 55.5	23 n 05.7	22 s 24.2	23 s 37.1	22 s 05.8	02 s 12.2	15 s 30.6
18 dez	17 48 18.6	23 s 23.7	06 n 07.5	24 s 34.3	20 s 10.4	20 s 05.0	23 n 06.3	22 s 23.6	23 s 37.0	22 s 05.7	02 s 12.5	15 s 30.5
19 dez	17 52 15.1	23 s 25.1	00 n 29.5	24 s 20.0	19 s 55.3	20 s 14.3	23 n 06.8	22 s 22.9	23 s 36.8	22 s 05.5	02 s 12.7	15 s 30.2
20 dez	17 56 11.7	23 s 26.0	05 s 02.7	24 s 04.4	19 s 40.3	20 s 23.4	23 n 07.4	22 s 22.3	23 s 36.7	22 s 05.3	02 s 13.0	15 s 30.2
21 dez	18 0 8.2	23 s 26.4	10 s 19.8	23 s 47.8	19 s 25.4	20 s 32.4	23 n 07.9	22 s 21.6	23 s 36.6	22 s 05.1	02 s 13.2	15 s 30.5
22 dez	18 4 4.8	23 s 26.4	15 s 13.0	23 s 30.2	19 s 10.5	20 s 41.1	23 n 08.4	22 s 20.9	23 s 36.4	22 s 04.9	02 s 13.4	15 s 31.4
23 dez	18 8 1.3	23 s 25.8	19 s 32.4	23 s 11.8	18 s 55.8	20 s 49.8	23 n 09.0	22 s 20.3	23 s 36.3	22 s 04.8	02 s 13.6	15 s 32.9
24 dez	18 11 57.9	23 s 24.8	23 s 06.7	22 s 52.7	18 s 41.2	20 s 58.2	23 n 09.5	22 s 19.6	23 s 36.2	22 s 04.6	02 s 13.8	15 s 34.9
25 dez	18 15 54.5	23 s 23.4	25 s 43.6	22 s 33.2	18 s 26.8	21 s 06.5	23 n 10.0	22 s 18.9	23 s 36.0	22 s 04.4	02 s 13.9	15 s 37.2
26 dez	18 19 51.0	23 s 21.4	27 s 10.7	22 s 13.4	18 s 12.6	21 s 14.5	23 n 10.5	22 s 18.2	23 s 35.9	22 s 04.2	02 s 14.1	15 s 39.6
27 dez	18 23 47.6	23 s 19.0	27 s 18.1	21 s 53.6	17 s 58.6	21 s 22.4	23 n 11.0	22 s 17.5	23 s 35.8	22 s 04.0	02 s 14.2	15 s 41.7
28 dez	18 27 44.1	23 s 16.2	26 s 01.1	21 s 34.0	17 s 44.8	21 s 30.1	23 n 11.5	22 s 16.8	23 s 35.6	22 s 03.8	02 s 14.4	15 s 43.4
29 dez	18 31 40.7	23 s 12.8	23 s 21.9	21 s 14.9	17 s 31.3	21 s 37.6	23 n 12.0	22 s 16.0	23 s 35.5	22 s 03.6	02 s 14.5	15 s 44.5
30 dez	18 35 37.2	23 s 09.0	19 s 29.0	20 s 56.6	17 s 18.1	21 s 45.0	23 n 12.5	22 s 15.3	23 s 35.3	22 s 03.5	02 s 14.6	15 s 45.0
31 dez	18 39 33.8	23 s 04.7	14 s 35.4	20 s 39.3	17 s 05.2	21 s 52.1	23 n 13.0	22 s 14.6	23 s 35.2	22 s 03.3	02 s 14.7	15 s 45.1