EFEMÉRIDES CIENTÍFICA E SIMPLIFICADA - ROSACRUZ

CALCULADA PARA O MEIO-DIA DE GREENWICH

JANEIRO DE 1988

Longitude dos Astros

Tropical Ephemeris - sexta-feira, 01 jan 1988 at noon, Greenwich SVP = 05♐25.61 True Ayanamsa = 23d 41m 23s
Julian Day = 2447162.0

Long.	Sidereal Time	Sun	Moon	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	N. Node
	h m s	° '	° '	° '	° '	° '	° '	° '	° '	° '	° '	° '
01 jan	18 41 28.4	10♑17.4	11♊16.4	15♑40.4	12♒38.0	25♏15.8	20♈15.9	25♐31.8	27♐42.0	07♑48.7	12♏00.8	26♐355
02 jan	18 45 24.9	11♑18.5	23♊41.8	17♑18.1	13♒51.9	25♏55.6	20♈19.5	25♐38.7	27♐45.5	07♑51.0	12♏02.3	26♐247
03 jan	18 49 21.5	12♑19.6	05♋58.1	18♑56.1	15♒05.7	26♏35.5	20♈23.2	25♐45.6	27♐49.1	07♑53.2	12♏03.7	26♐127
04 jan	18 53 18.0	13♑20.8	18♋05.8	20♑34.3	16♒19.5	27♏15.3	20♈27.2	25♐52.5	27♐52.6	07♑55.5	12♏05.2	26♐006
05 jan	18 57 14.6	14♑21.9	00♌05.9	22♑12.8	17♒33.2	27♏55.1	20♈31.4	25♐59.4	27♐56.2	07♑57.8	12♏06.6	25♐495
06 jan	19 1 11.1	15♑23.1	11♌59.5	23♑51.5	18♒46.9	28♏35.0	20♈35.7	26♐06.3	27♐59.7	08♑00.0	12♏07.9	25♐405
07 jan	19 5 7.7	16♑24.2	23♌48.6	25♑30.4	20♒00.5	29♏14.9	20♈40.2	26♐13.1	28♐03.2	08♑02.3	12♏09.3	25♐341
08 jan	19 9 4.3	17♑25.3	05♍36.0	27♑09.4	21♒14.1	29♏54.8	20♈45.0	26♐19.9	28♐06.7	08♑04.5	12♏10.6	25♐303
09 jan	19 13 0.8	18♑26.5	17♍25.3	28♑48.5	22♒27.7	00♐34.7	20♈49.9	26♐26.6	28♐10.1	08♑06.8	12♏11.9	25♐288
10 jan	19 16 57.4	19♑27.6	29♍20.9	00♒27.6	23♒41.2	01♐14.6	20♈54.9	26♐33.4	28♐13.6	08♑09.0	12♏13.1	25♐287
11 jan	19 20 53.9	20♑28.7	11♎27.7	02♒06.7	24♒54.7	01♐54.5	21♈00.2	26♐40.1	28♐17.0	08♑11.2	12♏14.3	25♐28.9
12 jan	19 24 50.5	21♑29.9	23♎51.0	03♒45.6	26♒08.1	02♐34.5	21♈05.7	26♐46.8	28♐20.5	08♑13.5	12♏15.5	25♐283
13 jan	19 28 47.0	22♑31.0	06♏36.1	05♒24.1	27♒21.5	03♐14.5	21♈11.3	26♐53.4	28♐23.9	08♑15.7	12♏16.6	25♐260
14 jan	19 32 43.6	23♑32.1	19♏47.6	07♒02.3	28♒34.8	03♐54.5	21♈17.1	27♐00.1	28♐27.3	08♑17.9	12♏17.8	25♐214
15 jan	19 36 40.1	24♑33.3	03♐28.5	08♒39.7	29♒48.1	04♐34.5	21♈23.1	27♐06.6	28♐30.6	08♑20.1	12♏18.8	25♐144
16 jan	19 40 36.7	25♑34.4	17♐39.5	10♒16.4	01♐01.3	05♐14.5	21♈29.2	27♐13.2	28♐34.0	08♑22.3	12♏19.9	25♐054
17 jan	19 44 33.3	26♑35.5	02♑18.1	11♒51.9	02♐14.5	05♐54.5	21♈35.5	27♐19.7	28♐37.3	08♑24.5	12♏20.9	24♐552
18 jan	19 48 29.8	27♑36.7	17♑18.1	13♒26.0	03♐27.6	06♐34.6	21♈42.0	27♐26.2	28♐40.6	08♑26.7	12♏21.9	24♐448
19 jan	19 52 26.4	28♑37.8	02♒30.6	14♒58.4	04♐40.6	07♐14.6	21♈48.7	27♐32.6	28♐43.9	08♑28.8	12♏22.8	24♐353
20 jan	19 56 22.9	29♑38.9	17♒44.8	16♒28.7	05♐53.6	07♐54.7	21♈55.5	27♐39.0	28♐47.1	08♑31.0	12♏23.7	24♐276
21 jan	20 0 19.5	00♒40.0	02♐50.2	17♒56.3	07♐06.6	08♐34.8	22♈02.5	27♐45.4	28♐50.4	08♑33.1	12♏24.6	24♐222
22 jan	20 4 16.0	01♒41.0	17♐38.3	19♒20.8	08♐19.4	09♐14.9	22♈09.6	27♐51.7	28♐53.6	08♑35.3	12♏25.5	24♐192
23 jan	20 8 12.6	02♒42.1	02♈03.6	20♒41.6	09♐32.2	09♐55.0	22♈17.0	27♐58.0	28♐56.8	08♑37.4	12♏26.3	24♐183
24 jan	20 12 9.1	03♒43.1	16♈03.8	21♒58.1	10♐45.0	10♐35.1	22♈24.4	28♐04.2	28♐59.9	08♑39.5	12♏27.0	24♐18.8
25 jan	20 16 5.7	04♒44.2	29♈39.2	23♒09.5	11♐57.6	11♐15.2	22♈32.0	28♐10.4	29♐03.0	08♑41.6	12♏27.8	24♐19.6
26 jan	20 20 2.3	05♒45.2	12♉51.8	24♒15.0	13♐10.2	11♐55.3	22♈39.8	28♐16.5	29♐06.1	08♑43.7	12♏28.5	24♐19.9
27 jan	20 23 58.8	06♒46.2	25♉44.6	25♒14.0	14♐22.7	12♐35.5	22♈47.7	28♐22.6	29♐09.2	08♑45.7	12♏29.1	24♐189
28 jan	20 27 55.4	07♒47.1	08♊20.9	26♒05.5	15♐35.1	13♐15.6	22♈55.8	28♐28.6	29♐12.3	08♑47.8	12♏29.8	24♐160
29 jan	20 31 51.9	08♒48.1	20♊43.7	26♒48.6	16♐47.5	13♐55.8	23♈04.0	28♐34.6	29♐15.3	08♑49.8	12♏30.3	24♐111
30 jan	20 35 48.5	09♒49.0	02♋56.0	27♒22.7	17♐59.7	14♐35.9	23♈12.4	28♐40.6	29♐18.3	08♑51.8	12♏30.9	24♐046
31 jan	20 39 45.0	10♒49.9	15♋00.1	27♒46.9	19♐11.9	15♐16.1	23♈20.9	28♐46.5	29♐21.2	08♑53.9	12♏31.4	23♐570

Declinação dos Astros

Tropical Ephemeris - sexta-feira, 01 jan 1988 at noon, Greenwich SVP = 05♐25.61 True Ayanamsa = 23d 41m 23s
Julian Day = 2447162.0

Decl.	Sidereal Time	Sun	Moon	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	N. Node
	h m s	° '	° '	° '	° '	° '	° '	° '	° '	° '	° '	° '
01 jan	18 41 28.4	23 s 02.5	26 n 55.0	24 s 33.3	18 s 45.1	18 s 37.3	06 n 43.7	22 s 14.9	23 s 35.2	22 s 15.3	00 s 17.4	01 s 21.3
02 jan	18 45 24.9	22 s 57.6	28 n 17.2	24 s 23.0	18 s 23.6	18 s 47.3	06 n 45.3	22 s 15.1	23 s 35.3	22 s 15.1	00 s 17.4	01 s 25.6
03 jan	18 49 21.5	22 s 52.1	28 n 14.2	24 s 11.2	18 s 01.6	18 s 57.1	06 n 47.0	22 s 15.4	23 s 35.4	22 s 15.0	00 s 17.5	01 s 30.4
04 jan	18 53 18.0	22 s 46.3	26 n 49.2	23 s 57.8	17 s 39.1	19 s 06.8	06 n 48.8	22 s 15.7	23 s 35.5	22 s 14.9	00 s 17.4	01 s 35.2
05 jan	18 57 14.6	22 s 40.0	24 n 11.0	23 s 42.8	17 s 16.1	19 s 16.4	06 n 50.6	22 s 15.9	23 s 35.5	22 s 14.8	00 s 17.4	01 s 39.6
06 jan	19 1 11.1	22 s 33.2	20 n 31.9	23 s 26.3	16 s 52.7	19 s 25.8	06 n 52.5	22 s 16.1	23 s 35.6	22 s 14.6	00 s 17.4	01 s 43.2
07 jan	19 5 7.7	22 s 26.0	16 n 05.2	23 s 08.3	16 s 28.8	19 s 35.1	06 n 54.5	22 s 16.4	23 s 35.7	22 s 14.5	00 s 17.3	01 s 45.7
08 jan	19 9 4.3	22 s 18.4	11 n 03.2	22 s 48.7	16 s 04.5	19 s 44.2	06 n 56.5	22 s 16.6	23 s 35.7	22 s 14.4	00 s 17.3	01 s 47.2
09 jan	19 13 0.8	22 s 10.3	05 n 36.8	22 s 27.5	15 s 39.7	19 s 53.2	06 n 58.7	22 s 16.8	23 s 35.8	22 s 14.2	00 s 17.2	01 s 47.8
10 jan	19 16 57.4	22 s 01.7	00 s 04.2	22 s 04.8	15 s 14.6	20 s 02.0	07 n 00.8	22 s 17.0	23 s 35.8	22 s 14.1	00 s 17.1	01 s 47.8
11 jan	19 20 53.9	21 s 52.8	05 s 50.4	21 s 40.6	14 s 49.0	20 s 10.6	07 n 03.1	22 s 17.2	23 s 35.9	22 s 14.0	00 s 17.0	01 s 47.7
12 jan	19 24 50.5	21 s 43.4	11 s 31.2	21 s 14.8	14 s 23.1	20 s 19.2	07 n 05.4	22 s 17.4	23 s 35.9	22 s 13.8	00 s 16.9	01 s 48.0
13 jan	19 28 47.0	21 s 33.6	16 s 53.7	20 s 47.7	13 s 56.8	20 s 27.5	07 n 07.7	22 s 17.5	23 s 36.0	22 s 13.7	00 s 16.8	01 s 48.9
14 jan	19 32 43.6	21 s 23.4	21 s 40.5	20 s 19.1	13 s 30.1	20 s 35.7	07 n 10.2	22 s 17.7	23 s 36.1	22 s 13.6	00 s 16.6	01 s 50.7
15 jan	19 36 40.1	21 s 12.8	25 s 29.1	19 s 49.2	13 s 03.1	20 s 43.7	07 n 12.7	22 s 17.9	23 s 36.1	22 s 13.4	00 s 16.5	01 s 53.5
16 jan	19 40 36.7	21 s 01.7	27 s 52.9	19 s 18.0	12 s 35.7	20 s 51.6	07 n 15.2	22 s 18.0	23 s 36.2	22 s 13.3	00 s 16.3	01 s 57.1
17 jan	19 44 33.3	20 s 50.3	28 s 27.3	18 s 45.7	12 s 08.0	20 s 59.3	07 n 17.9	22 s 18.2	23 s 36.2	22 s 13.2	00 s 16.2	02 s 01.1
18 jan	19 48 29.8	20 s 38.4	26 s 58.5	18 s 12.2	11 s 40.0	21 s 06.8	07 n 20.5	22 s 18.3	23 s 36.3	22 s 13.0	00 s 16.0	02 s 05.2
19 jan	19 52 26.4	20 s 26.2	23 s 30.6	17 s 37.9	11 s 11.8	21 s 14.2	07 n 23.3	22 s 18.4	23 s 36.3	22 s 12.9	00 s 15.8	02 s 09.0
20 jan	19 56 22.9	20 s 13.6	18 s 25.2	17 s 02.7	10 s 43.2	21 s 21.4	07 n 26.1	22 s 18.6	23 s 36.3	22 s 12.7	00 s 15.5	02 s 12.0
21 jan	20 0 19.5	20 s 00.6	12 s 13.1	16 s 27.0	10 s 14.4	21 s 28.4	07 n 28.9	22 s 18.7	23 s 36.4	22 s 12.6	00 s 15.3	02 s 14.2
22 jan	20 4 16.0	19 s 47.2	05 s 26.3	15 s 50.9	09 s 45.3	21 s 35.2	07 n 31.8	22 s 18.8	23 s 36.4	22 s 12.5	00 s 15.1	02 s 15.4
23 jan	20 8 12.6	19 s 33.4	01 n 27.1	15 s 14.7	09 s 16.0	21 s 41.9	07 n 34.8	22 s 18.9	23 s 36.5	22 s 12.3	00 s 14.8	02 s 15.7
24 jan	20 12 9.1	19 s 19.3	08 n 04.5	14 s 38.6	08 s 46.4	21 s 48.4	07 n 37.8	22 s 19.0	23 s 36.5	22 s 12.2	00 s 14.6	02 s 15.6
25 jan	20 16 5.7	19 s 04.9	14 n 07.8	14 s 03.0	08 s 16.6	21 s 54.7	07 n 40.9	22 s 19.1	23 s 36.5	22 s 12.0	00 s 14.3	02 s 15.2
26 jan	20 20 2.3	18 s 50.1	19 n 22.1	13 s 28.2	07 s 46.7	22 s 00.9	07 n 44.0	22 s 19.2	23 s 36.6	22 s 11.9	00 s 14.0	02 s 15.1
27 jan	20 23 58.8	18 s 34.9	23 n 34.6	12 s 54.7	07 s 16.5	22 s 06.8	07 n 47.2	22 s 19.2	23 s 36.6	22 s 11.8	00 s 13.7	02 s 15.5
28 jan	20 27 55.4	18 s 19.4	26 n 34.4	12 s 22.8	06 s 46.2	22 s 12.6	07 n 50.4	22 s 19.3	23 s 36.6	22 s 11.6	00 s 13.4	02 s 16.6
29 jan	20 31 51.9	18 s 03.6	28 n 13.7	11 s 52.9	06 s 15.7	22 s 18.2	07 n 53.7	22 s 19.4	23 s 36.7	22 s 11.5	00 s 13.1	02 s 18.6
30 jan	20 35 48.5	17 s 47.5	28 n 28.8	11 s 25.6	05 s 45.1	22 s 23.7	07 n 57.0	22 s 19.4	23 s 36.7	22 s 11.3	00 s 12.7	02 s 21.2
31 jan	20 39 45.0	17 s 31.0	27 n 21.7	11 s 01.2	05 s 14.3	22 s 28.9	08 n 00.4	22 s 19.5	23 s 36.7	22 s 11.2	00 s 12.4	02 s 24.2

FEVEREIRO DE 1988

Longitude dos Astros

Tropical Ephemeris - segunda-feira, 01 fev 1988 at noon, Greenwich SVP = 05♓25.53 True Ayanamsa = 23d 41m 27s
Julian Day = 2447193.0

Long.	Sidereal Time	Sun	Moon	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	N. Node
	h m s	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′
01 fev	20 43 41.6	11♒50.8	26♋57.9	28♒00.7	20♓24.0	15♐56.3	23♈29.6	28♐52.3	29♐24.1	08♎55.8	12♏31.9	23♓492
02 fev	20 47 38.1	12♒51.7	08♌51.0	28♒03.6	21♓36.0	16♐36.5	23♈38.3	28♐58.1	29♐27.0	08♎57.8	12♏32.4	23♓420
03 fev	20 51 34.7	13♒52.5	20♌41.2	27♒553	22♓47.9	17♐16.8	23♈47.3	29♐03.8	29♐29.9	08♎59.8	12♏32.8	23♓363
04 fev	20 55 31.3	14♒53.4	02♍30.0	27♒358	23♓59.7	17♐57.0	23♈56.3	29♐09.5	29♐32.7	09♎01.7	12♏33.1	23♓324
05 fev	20 59 27.8	15♒54.2	14♍19.6	27♒056	25♓11.4	18♐37.3	24♈05.5	29♐15.1	29♐35.5	09♎03.6	12♏33.5	23♓305
06 fev	21 3 24.4	16♒55.0	26♍12.6	26♒252	26♓23.0	19♐17.5	24♈14.8	29♐20.6	29♐38.3	09♎05.5	12♏33.8	23♓303
07 fev	21 7 20.9	17♒55.8	08♎12.0	25♒356	27♓34.5	19♐57.8	24♈24.3	29♐26.1	29♐41.0	09♎07.4	12♏34.1	23♓31.3
08 fev	21 11 17.5	18♒56.6	20♎21.5	24♒383	28♓45.9	20♐38.1	24♈33.8	29♐31.5	29♐43.7	09♎09.2	12♏34.3	23♓32.7
09 fev	21 15 14.0	19♒57.3	02♏45.4	23♒347	29♓57.2	21♐18.4	24♈43.5	29♐36.9	29♐46.3	09♎11.1	12♏34.5	23♓33.8
10 fev	21 19 10.6	20♒58.0	15♏27.8	22♒268	01♈08.4	21♐58.7	24♈53.4	29♐42.2	29♐48.9	09♎12.9	12♏34.6	23♓33.9
11 fev	21 23 7.1	21♒58.8	28♏33.0	21♒165	02♈19.5	22♐39.1	25♈03.3	29♐47.5	29♐51.5	09♎14.7	12♏34.8	23♓326
12 fev	21 27 3.7	22♒59.5	12♐04.3	20♒057	03♈30.5	23♐19.4	25♈13.4	29♐52.7	29♐54.0	09♎16.5	12♏34.9	23♓299
13 fev	21 31 0.3	24♒00.2	26♐03.5	18♒563	04♈41.3	23♐59.8	25♈23.6	29♐57.8	29♐56.5	09♎18.2	12♏34.9	23♓259
14 fev	21 34 56.8	25♒00.8	10♎30.1	17♒499	05♈52.1	24♐40.1	25♈33.9	00♎02.8	29♐59.0	09♎19.9	12♏34.9	23♓211
15 fev	21 38 53.4	26♒01.5	25♎20.3	16♒481	07♈02.7	25♐20.5	25♈44.3	00♎07.8	00♎01.4	09♎21.7	12♏349	23♓162
16 fev	21 42 49.9	27♒02.1	10♒27.6	15♒520	08♈13.3	26♐00.9	25♈54.8	00♎12.7	00♎03.8	09♎23.3	12♏348	23♓117
17 fev	21 46 46.5	28♒02.7	25♒42.8	15♒024	09♈23.7	26♐41.3	26♈05.4	00♎17.6	00♎06.1	09♎25.0	12♏347	23♓082
18 fev	21 50 43.0	29♒03.3	10♓55.4	14♒200	10♈33.9	27♐21.7	26♈16.2	00♎22.3	00♎08.4	09♎26.6	12♏346	23♓060
19 fev	21 54 39.6	00♓03.8	25♓55.8	13♒451	11♈44.1	28♐02.1	26♈27.0	00♎27.0	00♎10.7	09♎28.2	12♏344	23♓052
20 fev	21 58 36.1	01♓04.3	10♈36.0	13♒178	12♈54.1	28♐42.5	26♈38.0	00♎31.7	00♎12.9	09♎29.8	12♏342	23♓05.6
21 fev	22 2 32.7	02♓04.8	24♈51.2	12♒582	14♈03.9	29♐22.9	26♈49.1	00♎36.2	00♎15.1	09♎31.4	12♏340	23♓06.7
22 fev	22 6 29.3	03♓05.3	08♉39.3	12♒460	15♈13.7	00♎03.3	27♈00.2	00♎40.7	00♎17.2	09♎32.9	12♏337	23♓08.2
23 fev	22 10 25.8	04♓05.7	22♉00.8	12♒410	16♈23.2	00♎43.7	27♈11.5	00♎45.1	00♎19.3	09♎34.4	12♏334	23♓09.5
24 fev	22 14 22.4	05♓06.1	04♊57.9	12♒42.8	17♈32.6	01♎24.1	27♈22.8	00♎49.4	00♎21.3	09♎35.9	12♏331	23♓10.2
25 fev	22 18 18.9	06♓06.5	17♊34.2	12♒51.1	18♈41.9	02♎04.5	27♈34.3	00♎53.7	00♎23.3	09♎37.4	12♏327	23♓101
26 fev	22 22 15.5	07♓06.8	29♊53.5	13♒05.6	19♈51.0	02♎45.0	27♈45.8	00♎57.8	00♎25.3	09♎38.8	12♏323	23♓090
27 fev	22 26 12.0	08♓07.1	11♋59.9	13♒25.7	20♈59.9	03♎25.4	27♈57.5	01♎01.9	00♎27.2	09♎40.2	12♏319	23♓073
28 fev	22 30 8.6	09♓07.4	23♋57.2	13♒51.2	22♈08.7	04♎05.9	28♈09.2	01♎05.9	00♎29.0	09♎41.6	12♏314	23♓051
29 fev	22 34 5.1	10♓07.6	05♌48.9	14♒21.7	23♈17.3	04♎46.3	28♈21.0	01♎09.9	00♎30.8	09♎42.9	12♏309	23♓029

Declinação dos Astros

Tropical Ephemeris - segunda-feira, 01 fev 1988 at noon, Greenwich SVP = 05♓25.53 True Ayanamsa = 23d 41m 27s
Julian Day = 2447193.0

Decl.	Sidereal Time	Sun	Moon	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	N. Node
	h m s	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′
01 fev	20 43 41.6	17 s 14.2	24 n 59.5	10 s 40.2	04 s 43.4	22 s 34.0	08 n 03.8	22 s 19.5	23 s 36.8	22 s 11.1	00 s 12.0	02 s 27.3
02 fev	20 47 38.1	16 s 57.2	21 n 33.2	10 s 22.9	04 s 12.4	22 s 38.8	08 n 07.3	22 s 19.6	23 s 36.8	22 s 10.9	00 s 11.7	02 s 30.1
03 fev	20 51 34.7	16 s 39.8	17 n 15.5	10 s 09.7	03 s 41.2	22 s 43.5	08 n 10.8	22 s 19.6	23 s 36.8	22 s 10.8	00 s 11.3	02 s 32.4
04 fev	20 55 31.3	16 s 22.2	12 n 19.0	10 s 00.9	03 s 10.0	22 s 48.0	08 n 14.3	22 s 19.6	23 s 36.8	22 s 10.6	00 s 10.9	02 s 33.9
05 fev	20 59 27.8	16 s 04.2	06 n 55.7	09 s 56.5	02 s 38.8	22 s 52.3	08 n 17.9	22 s 19.6	23 s 36.9	22 s 10.5	00 s 10.5	02 s 34.7
06 fev	21 3 24.4	15 s 46.0	01 n 16.5	09 s 56.5	02 s 07.4	22 s 56.5	08 n 21.6	22 s 19.7	23 s 36.9	22 s 10.4	00 s 10.1	02 s 34.7
07 fev	21 7 20.9	15 s 27.5	04 s 28.5	10 s 01.0	01 s 36.0	23 s 00.4	08 n 25.2	22 s 19.7	23 s 36.9	22 s 10.2	00 s 09.7	02 s 34.4
08 fev	21 11 17.5	15 s 08.8	10 s 08.7	10 s 09.6	01 s 04.6	23 s 04.2	08 n 29.0	22 s 19.7	23 s 36.9	22 s 10.1	00 s 09.2	02 s 33.8
09 fev	21 15 14.0	14 s 49.8	15 s 32.2	10 s 21.9	00 s 33.1	23 s 07.7	08 n 32.7	22 s 19.7	23 s 37.0	22 s 09.9	00 s 08.8	02 s 33.4
10 fev	21 19 10.6	14 s 30.5	20 s 24.5	10 s 37.4	00 s 01.6	23 s 11.1	08 n 36.5	22 s 19.7	23 s 37.0	22 s 09.8	00 s 08.4	02 s 33.3
11 fev	21 23 7.1	14 s 11.0	24 s 27.3	10 s 55.7	00 n 29.9	23 s 14.2	08 n 40.4	22 s 19.7	23 s 37.0	22 s 09.7	00 s 07.9	02 s 33.8
12 fev	21 27 3.7	13 s 51.3	27 s 18.8	11 s 16.1	01 n 01.4	23 s 17.2	08 n 44.2	22 s 19.7	23 s 37.0	22 s 09.5	00 s 07.4	02 s 34.9
13 fev	21 31 0.3	13 s 31.3	28 s 35.8	11 s 37.9	01 n 32.8	23 s 20.0	08 n 48.1	22 s 19.7	23 s 37.0	22 s 09.4	00 s 06.9	02 s 36.5
14 fev	21 34 56.8	13 s 11.1	28 s 00.2	12 s 00.6	02 n 04.3	23 s 22.6	08 n 52.1	22 s 19.6	23 s 37.0	22 s 09.3	00 s 06.5	02 s 38.4
15 fev	21 38 53.4	12 s 50.7	25 s 25.7	12 s 23.7	02 n 35.7	23 s 25.0	08 n 56.1	22 s 19.6	23 s 37.1	22 s 09.1	00 s 06.0	02 s 40.3
16 fev	21 42 49.9	12 s 30.1	21 s 02.4	12 s 46.5	03 n 07.0	23 s 27.2	09 n 00.1	22 s 19.6	23 s 37.1	22 s 09.0	00 s 05.5	02 s 42.1
17 fev	21 46 46.5	12 s 09.2	15 s 13.7	13 s 08.8	03 n 38.3	23 s 29.2	09 n 04.1	22 s 19.5	23 s 37.1	22 s 08.9	00 s 05.0	02 s 43.5
18 fev	21 50 43.0	11 s 48.2	08 s 30.1	13 s 30.1	04 n 09.6	23 s 31.0	09 n 08.2	22 s 19.5	23 s 37.1	22 s 08.7	00 s 04.4	02 s 44.3
19 fev	21 54 39.6	11 s 27.0	01 s 23.1	13 s 50.3	04 n 40.7	23 s 32.6	09 n 12.3	22 s 19.5	23 s 37.1	22 s 08.6	00 s 03.9	02 s 44.7
20 fev	21 58 36.1	11 s 05.6	05 n 38.9	14 s 09.0	05 n 11.7	23 s 34.0	09 n 16.5	22 s 19.4	23 s 37.1	22 s 08.5	00 s 03.4	02 s 44.5
21 fev	22 2 32.7	10 s 44.1	12 n 11.9	14 s 26.2	05 n 42.6	23 s 35.2	09 n 20.6	22 s 19.4	23 s 37.1	22 s 08.4	00 s 02.8	02 s 44.1
22 fev	22 6 29.3	10 s 22.4	17 n 56.5	14 s 41.7	06 n 13.4	23 s 36.2	09 n 24.8	22 s 19.3	23 s 37.2	22 s 08.2	00 s 02.3	02 s 43.5
23 fev	22 10 25.8	10 s 00.5	22 n 37.3	14 s 55.6	06 n 44.1	23 s 37.0	09 n 29.1	22 s 19.3	23 s 37.2	22 s 08.1	00 s 01.7	02 s 43.0
24 fev	22 14 22.4	09 s 38.5	26 n 02.6	15 s 07.7	07 n 14.6	23 s 37.6	09 n 33.3	22 s 19.2	23 s 37.2	22 s 08.0	00 s 01.2	02 s 42.7
25 fev	22 18 18.9	09 s 16.3	28 n 04.6	15 s 18.0	07 n 45.0	23 s 38.0	09 n 37.6	22 s 19.2	23 s 37.2	22 s 07.9	00 s 00.6	02 s 42.8
26 fev	22 22 15.5	08 s 54.0	28 n 40.3	15 s 26.5	08 n 15.1	23 s 38.3	09 n 41.9	22 s 19.1	23 s 37.2	22 s 07.7	00 s 00.0	02 s 43.2
27 fev	22 26 12.0	08 s 31.5	27 n 51.9	15 s 33.2	08 n 45.1	23 s 38.3	09 n 46.2	22 s 19.0	23 s 37.2	22 s 07.6	00 n 00.6	02 s 43.8
28 fev	22 30 8.6	08 s 09.0	25 n 46.5	15 s 38.3	09 n 15.0	23 s 38.1	09 n 50.6	22 s 19.0	23 s 37.2	22 s 07.5	00 n 01.1	02 s 44.7
29 fev	22 34 5.1	07 s 46.3	22 n 34.6	15 s 41.5	09 n 44.6	23 s 37.7	09 n 55.0	22 s 18.9	23 s 37.2	22 s 07.4	00 n 01.7	02 s 45.6

MARÇO DE 1988

Longitude dos Astros

Tropical Ephemeris - terΨa-feira, 01 mar 1988 at noon, Greenwich SVP = 05♐25.47 True Ayanamsa = 23d 41m 31s
Julian Day = 2447222.0

Long.	Sidereal Time	Sun	Moon	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	N. Node
	h m s	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′
01 mar	22 38 1.7	11♐07.8	17♌37.9	14♒56.8	24♈25.7	05♑26.8	28♈32.9	01♑13.7	00♑32.6	09♑44.3	12♏303	23♐009
02 mar	22 41 58.2	12♐08.0	29♌36.9	15♒36.1	25♈33.9	06♑07.2	28♈44.9	01♑17.5	00♑34.3	09♑45.6	12♏297	22♐595
03 mar	22 45 54.8	13♐08.1	11♍18.0	16♒19.5	26♈42.0	06♑47.7	28♈56.9	01♑21.2	00♑36.0	09♑46.8	12♏291	22♐588
04 mar	22 49 51.4	14♐08.2	23♍13.5	17♒06.6	27♈49.8	07♑28.2	29♈09.1	01♑24.8	00♑37.6	09♑48.1	12♏285	22♐587
05 mar	22 53 47.9	15♐08.3	05♎15.1	17♒57.1	28♈57.5	08♑08.7	29♈21.3	01♑28.3	00♑39.2	09♑49.3	12♏278	22♐59.2
06 mar	22 57 44.5	16♐08.4	17♎25.1	18♒50.8	00♉04.9	08♑49.2	29♈33.6	01♑31.7	00♑40.7	09♑50.4	12♏271	22♐60.0
07 mar	23 1 41.0	17♐08.4	29♎45.5	19♒47.5	01♉12.2	09♑29.7	29♈46.0	01♑35.0	00♑42.2	09♑51.6	12♏264	23♐00.8
08 mar	23 5 37.6	18♐08.4	12♏18.8	20♒47.1	02♉19.2	10♑10.2	29♈58.4	01♑38.3	00♑43.6	09♑52.7	12♏256	23♐01.5
09 mar	23 9 34.1	19♐08.4	25♏07.4	21♒49.2	03♉26.0	10♑50.7	00♉10.9	01♑41.5	00♑45.0	09♑53.8	12♏248	23♐01.9
10 mar	23 13 30.7	20♐08.3	08♐14.0	22♒53.8	04♉32.6	11♑31.2	00♉23.5	01♑44.5	00♑46.3	09♑54.8	12♏240	23♐02.0
11 mar	23 17 27.2	21♐08.2	21♐40.9	24♒00.8	05♉39.0	12♑11.7	00♉36.2	01♑47.5	00♑47.6	09♑55.9	12♏231	23♐019
12 mar	23 21 23.8	22♐08.1	05♑29.4	25♒09.9	06♉45.2	12♑52.2	00♉48.9	01♑50.4	00♑48.8	09♑56.9	12♏222	23♐016
13 mar	23 25 20.4	23♐08.0	19♑39.8	26♒21.1	07♉51.1	13♑32.8	01♉01.7	01♑53.3	00♑50.0	09♑57.8	12♏213	23♐013
14 mar	23 29 16.9	24♐07.8	04♒10.5	27♒34.4	08♉56.8	14♑13.3	01♉14.6	01♑56.0	00♑51.1	09♑58.8	12♏203	23♐012
15 mar	23 33 13.5	25♐07.6	18♒57.8	28♒49.4	10♉02.2	14♑53.8	01♉27.5	01♑58.6	00♑52.2	09♑59.7	12♏194	23♐01.2
16 mar	23 37 10.0	26♐07.4	03♐55.6	00♐06.4	11♉07.4	15♑34.3	01♉40.5	02♑01.1	00♑53.2	10♑00.5	12♏184	23♐01.4
17 mar	23 41 6.6	27♐07.1	18♐56.3	01♐25.0	12♉12.4	16♑14.8	01♉53.6	02♑03.6	00♑54.2	10♑01.4	12♏173	23♐01.6
18 mar	23 45 3.1	28♐06.8	03♈51.4	02♐45.3	13♉17.0	16♑55.4	02♉06.7	02♑05.9	00♑55.1	10♑02.2	12♏163	23♐01.8
19 mar	23 48 59.7	29♐06.5	18♈32.8	04♐07.2	14♉21.4	17♑35.9	02♉19.9	02♑08.2	00♑56.0	10♑03.0	12♏152	23♐017
20 mar	23 52 56.2	00♈06.1	02♉53.9	05♐30.7	15♉25.5	18♑16.4	02♉33.1	02♑10.3	00♑56.8	10♑03.7	12♏141	23♐014
21 mar	23 56 52.8	01♈05.7	16♉50.6	06♐55.8	16♉29.4	18♑56.9	02♉46.4	02♑12.4	00♑57.6	10♑04.4	12♏129	23♐008
22 mar	0 0 49.4	02♈05.3	00♊21.1	08♐22.3	17♉32.9	19♑37.4	02♉59.7	02♑14.4	00♑58.3	10♑05.1	12♏118	23♐000
23 mar	0 4 45.9	03♈04.8	13♊25.8	09♐50.3	18♉36.1	20♑17.8	03♉13.1	02♑16.2	00♑58.9	10♑05.7	12♏106	22♐592
24 mar	0 8 42.5	04♈04.3	26♊07.2	11♐19.7	19♉39.0	20♑58.3	03♉26.5	02♑18.0	00♑59.6	10♑06.3	12♏094	22♐585
25 mar	0 12 39.0	05♈03.8	08♋28.9	12♐50.6	20♉41.5	21♑38.8	03♉40.0	02♑19.7	01♑00.1	10♑06.9	12♏081	22♐582
26 mar	0 16 35.6	06♈03.2	20♋35.3	14♐22.9	21♉43.7	22♑19.2	03♉53.5	02♑21.3	01♑00.6	10♑07.4	12♏069	22♐58.4
27 mar	0 20 32.1	07♈02.5	02♌31.1	15♐56.6	22♉45.6	22♑59.7	04♉07.1	02♑22.8	01♑01.1	10♑08.0	12♏056	22♐59.1
28 mar	0 24 28.7	08♈01.9	14♌20.8	17♐31.6	23♉47.1	23♑40.2	04♉20.7	02♑24.1	01♑01.5	10♑08.4	12♏043	23♐00.2
29 mar	0 28 25.2	09♈01.2	26♌08.9	19♐08.1	24♉48.2	24♑20.6	04♉34.4	02♑25.4	01♑01.8	10♑08.9	12♏029	23♐01.5
30 mar	0 32 21.8	10♈00.4	07♍59.0	20♐45.9	25♉48.9	25♑01.0	04♉48.1	02♑26.6	01♑02.1	10♑09.3	12♏016	23♐02.5
31 mar	0 36 18.4	10♈59.7	19♍54.6	22♐25.2	26♉49.2	25♑41.5	05♉01.8	02♑27.7	01♑02.4	10♑09.7	12♏002	23♐03.1

Declinação dos Astros

Tropical Ephemeris - terΨa-feira, 01 mar 1988 at noon, Greenwich SVP = 05♐25.47 True Ayanamsa = 23d 41m 31s
Julian Day = 2447222.0

Decl.	Sidereal Time	Sun	Moon	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	N. Node
	h m s	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′
01 mar	22 38 1.7	07 s 23.5	18 n 28.0	15 s 43.1	10 n 14.0	23 s 37.2	09 n 59.3	22 s 18.8	23 s 37.3	22 s 07.3	00 n 02.3	02 s 46.4
02 mar	22 41 58.2	07 s 00.6	13 n 39.1	15 s 43.0	10 n 43.1	23 s 36.4	10 n 03.8	22 s 18.8	23 s 37.3	22 s 07.2	00 n 02.9	02 s 46.9
03 mar	22 45 54.8	06 s 37.6	08 n 19.5	15 s 41.2	11 n 12.1	23 s 35.4	10 n 08.2	22 s 18.7	23 s 37.3	22 s 07.0	00 n 03.5	02 s 47.2
04 mar	22 49 51.4	06 s 14.5	02 n 40.5	15 s 37.9	11 n 40.8	23 s 34.3	10 n 12.6	22 s 18.6	23 s 37.3	22 s 06.9	00 n 04.2	02 s 47.2
05 mar	22 53 47.9	05 s 51.4	03 s 06.9	15 s 32.9	12 n 09.2	23 s 32.9	10 n 17.1	22 s 18.5	23 s 37.3	22 s 06.8	00 n 04.8	02 s 47.0
06 mar	22 57 44.5	05 s 28.1	08 s 51.6	15 s 26.3	12 n 37.4	23 s 31.4	10 n 21.6	22 s 18.5	23 s 37.3	22 s 06.7	00 n 05.4	02 s 46.7
07 mar	23 1 41.0	05 s 04.8	14 s 21.0	15 s 18.2	13 n 05.2	23 s 29.6	10 n 26.1	22 s 18.4	23 s 37.3	22 s 06.6	00 n 06.0	02 s 46.4
08 mar	23 5 37.6	04 s 41.4	19 s 21.1	15 s 08.5	13 n 32.8	23 s 27.7	10 n 30.6	22 s 18.3	23 s 37.3	22 s 06.5	00 n 06.6	02 s 46.1
09 mar	23 9 34.1	04 s 17.9	23 s 35.1	14 s 57.4	14 n 00.2	23 s 25.6	10 n 35.2	22 s 18.2	23 s 37.3	22 s 06.4	00 n 07.3	02 s 46.0
10 mar	23 13 30.7	03 s 54.4	26 s 43.9	14 s 44.8	14 n 27.2	23 s 23.2	10 n 39.7	22 s 18.2	23 s 37.4	22 s 06.3	00 n 07.9	02 s 45.9
11 mar	23 17 27.2	03 s 30.8	28 s 27.7	14 s 30.7	14 n 53.8	23 s 20.7	10 n 44.3	22 s 18.1	23 s 37.4	22 s 06.2	00 n 08.5	02 s 46.0
12 mar	23 21 23.8	03 s 07.2	28 s 29.6	14 s 15.2	15 n 20.2	23 s 18.0	10 n 48.9	22 s 18.0	23 s 37.4	22 s 06.1	00 n 09.2	02 s 46.1
13 mar	23 25 20.4	02 s 43.6	26 s 41.2	13 s 58.2	15 n 46.2	23 s 15.1	10 n 53.5	22 s 17.9	23 s 37.4	22 s 06.0	00 n 09.8	02 s 46.2
14 mar	23 29 16.9	02 s 19.9	23 s 05.7	13 s 39.9	16 n 11.9	23 s 12.0	10 n 58.1	22 s 17.8	23 s 37.4	22 s 05.9	00 n 10.5	02 s 46.3
15 mar	23 33 13.5	01 s 56.2	17 s 58.0	13 s 20.2	16 n 37.2	23 s 08.7	11 n 02.7	22 s 17.8	23 s 37.4	22 s 05.8	00 n 11.1	02 s 46.2
16 mar	23 37 10.0	01 s 32.5	11 s 41.5	12 s 59.1	17 n 02.1	23 s 05.2	11 n 07.3	22 s 17.7	23 s 37.4	22 s 05.8	00 n 11.8	02 s 46.2
17 mar	23 41 6.6	01 s 08.8	04 s 43.9	12 s 36.7	17 n 26.7	23 s 01.5	11 n 11.9	22 s 17.6	23 s 37.4	22 s 05.7	00 n 12.4	02 s 46.1
18 mar	23 45 3.1	00 s 45.0	02 n 26.6	12 s 13.0	17 n 50.9	22 s 57.7	11 n 16.6	22 s 17.5	23 s 37.4	22 s 05.6	00 n 13.1	02 s 46.0
19 mar	23 48 59.7	00 s 21.3	09 n 22.6	11 s 47.9	18 n 14.7	22 s 53.7	11 n 21.2	22 s 17.4	23 s 37.5	22 s 05.5	00 n 13.7	02 s 46.0
20 mar	23 52 56.2	00 n 02.4	15 n 39.8	11 s 21.6	18 n 38.1	22 s 49.4	11 n 25.9	22 s 17.4	23 s 37.5	22 s 05.4	00 n 14.4	02 s 46.2
21 mar	23 56 52.8	00 n 26.2	20 n 57.5	10 s 54.0	19 n 01.1	22 s 45.0	11 n 30.6	22 s 17.3	23 s 37.5	22 s 05.3	00 n 15.0	02 s 46.4
22 mar	0 0 49.4	00 n 49.8	24 n 59.5	10 s 25.1	19 n 23.6	22 s 40.4	11 n 35.2	22 s 17.2	23 s 37.5	22 s 05.3	00 n 15.7	02 s 46.7
23 mar	0 4 45.9	01 n 13.5	27 n 35.0	09 s 55.0	19 n 45.7	22 s 35.7	11 n 39.9	22 s 17.1	23 s 37.5	22 s 05.2	00 n 16.4	02 s 47.1
24 mar	0 8 42.5	01 n 37.1	28 n 39.6	09 s 23.7	20 n 07.4	22 s 30.7	11 n 44.6	22 s 17.0	23 s 37.5	22 s 05.1	00 n 17.0	02 s 47.3
25 mar	0 12 39.0	02 n 00.7	28 n 15.2	08 s 51.1	20 n 28.7	22 s 25.6	11 n 49.3	22 s 17.0	23 s 37.5	22 s 05.1	00 n 17.7	02 s 47.4
26 mar	0 16 35.6	02 n 24.3	26 n 29.7	08 s 17.4	20 n 49.4	22 s 20.3	11 n 54.0	22 s 16.9	23 s 37.6	22 s 05.0	00 n 18.3	02 s 47.3
27 mar	0 20 32.1	02 n 47.7	23 n 34.4	07 s 42.4	21 n 09.8	22 s 14.9	11 n 58.7	22 s 16.8	23 s 37.6	22 s 04.9	00 n 19.0	02 s 47.1
28 mar	0 24 28.7	03 n 11.2	19 n 41.5	07 s 06.3	21 n 29.6	22 s 09.2	12 n 03.4	22 s 16.8	23 s 37.6	22 s 04.9	00 n 19.6	02 s 46.6
29 mar	0 28 25.2	03 n 34.5	15 n 03.4	06 s 29.1	21 n 49.0	22 s 03.4	12 n 08.1	22 s 16.7	23 s 37.6	22 s 04.8	00 n 20.3	02 s 46.1
30 mar	0 32 21.8	03 n 57.8	09 n 51.4	05 s 50.7	22 n 07.9	21 s 57.4	12 n 12.8	22 s 16.6	23 s 37.6	22 s 04.8	00 n 20.9	02 s 45.7
31 mar	0 36 18.4	04 n 21.1	04 n 16.1	05 s 11.1	22 n 26.3	21 s 51.3	12 n 17.4	22 s 16.6	23 s 37.6	22 s 04.7	00 n 21.5	02 s 45.5

ABRIL DE 1988

Longitude dos Astros

Tropical Ephemeris - sexta-feira, 01 abr 1988 at noon, Greenwich SVP = 05♓25.40 True Ayanamsa = 23d 41m 35s
Julian Day = 2447253.0

Long.	Sidereal Time	Sun	Moon	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	N. Node
	h m s	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′
01 abr	0 40 14.9	11♈58.8	01♎58.2	24♓05.8	27♉49.1	26♑21.9	05♉15.6	02♑28.7	01♑02.6	10♑10.0	11♏588	23♓029
02 abr	0 44 11.5	12♈58.0	14♎12.1	25♓47.9	28♉48.6	27♑02.3	05♉29.4	02♑29.6	01♑02.7	10♑10.3	11♏574	23♓017
03 abr	0 48 8.0	13♈57.1	26♎37.7	27♓31.4	29♉47.6	27♑42.7	05♉43.2	02♑30.4	01♑02.8	10♑10.6	11♏560	22♓597
04 abr	0 52 4.6	14♈56.2	09♏15.9	29♓16.3	00♊46.2	28♑23.1	05♉57.1	02♑31.1	01♑02.8	10♑10.8	11♏546	22♓569
05 abr	0 56 1.1	15♈55.3	22♏07.4	01♈02.6	01♊44.3	29♑03.5	06♉11.0	02♑31.7	01♑028	10♑11.1	11♏531	22♓538
06 abr	0 59 57.7	16♈54.3	05♐12.6	02♈50.4	02♊42.0	29♑43.9	06♉24.9	02♑32.2	01♑027	10♑11.2	11♏516	22♓509
07 abr	1 3 54.2	17♈53.3	18♐31.7	04♈39.7	03♊39.1	00♒24.2	06♉38.9	02♑32.6	01♑026	10♑11.4	11♏501	22♓485
08 abr	1 7 50.8	18♈52.2	02♑05.0	06♈30.4	04♊35.8	01♒04.6	06♉52.9	02♑32.9	01♑025	10♑11.5	11♏486	22♓471
09 abr	1 11 47.4	19♈51.2	15♑52.3	08♈22.6	05♊31.9	01♒45.0	07♉07.0	02♑33.1	01♑022	10♑11.6	11♏471	22♓468
10 abr	1 15 43.9	20♈50.1	29♑53.4	10♈16.2	06♊27.4	02♒25.3	07♉21.0	02♑33.2	01♑020	10♑11.6	11♏456	22♓47.5
11 abr	1 19 40.5	21♈49.0	14♒07.4	12♈11.4	07♊22.5	03♒05.6	07♉35.1	02♑33.2	01♑016	10♑11.6	11♏440	22♓48.9
12 abr	1 23 37.0	22♈47.8	28♒32.3	14♈08.0	08♊16.9	03♒45.9	07♉49.2	02♑331	01♑013	10♑116	11♏424	22♓50.6
13 abr	1 27 33.6	23♈46.6	13♓05.1	16♈06.1	09♊10.7	04♒26.2	08♉03.3	02♑329	01♑008	10♑116	11♏409	22♓51.9
14 abr	1 31 30.1	24♈45.4	27♓41.5	18♈05.6	10♊04.0	05♒06.4	08♉17.5	02♑326	01♑004	10♑115	11♏393	22♓52.2
15 abr	1 35 26.7	25♈44.2	12♈15.8	20♈06.4	10♊56.5	05♒46.6	08♉31.7	02♑322	00♑598	10♑114	11♏377	22♓511
16 abr	1 39 23.2	26♈42.9	26♈42.0	22♈08.6	11♊48.5	06♒26.8	08♉45.9	02♑317	00♑593	10♑112	11♏360	22♓485
17 abr	1 43 19.8	27♈41.6	10♉54.1	24♈12.1	12♊39.7	07♒07.0	09♉00.1	02♑311	00♑586	10♑110	11♏344	22♓443
18 abr	1 47 16.4	28♈40.3	24♉47.1	26♈16.7	13♊30.2	07♒47.1	09♉14.3	02♑304	00♑580	10♑108	11♏328	22♓390
19 abr	1 51 12.9	29♈38.9	08♊17.8	28♈22.3	14♊20.0	08♒27.2	09♉28.6	02♑297	00♑572	10♑105	11♏311	22♓331
20 abr	1 55 9.5	00♉37.5	21♊25.1	00♉28.9	15♊09.0	09♒07.3	09♉42.8	02♑288	00♑565	10♑103	11♏295	22♓275
21 abr	1 59 6.0	01♉36.1	04♋09.7	02♉36.2	15♊57.2	09♒47.4	09♉57.1	02♑278	00♑556	10♑100	11♏278	22♓228
22 abr	2 3 2.6	02♉34.6	16♋34.2	04♉44.1	16♊44.5	10♒27.4	10♉11.4	02♑267	00♑548	10♑096	11♏262	22♓195
23 abr	2 6 59.1	03♉33.1	28♋42.4	06♉52.3	17♊31.0	11♒07.4	10♉25.7	02♑255	00♑539	10♑092	11♏245	22♓179
24 abr	2 10 55.7	04♉31.5	10♌38.9	09♉00.6	18♊16.6	11♒47.3	10♉40.0	02♑243	00♑529	10♑088	11♏228	22♓179
25 abr	2 14 52.2	05♉29.9	22♌29.0	11♉08.7	19♊01.3	12♒27.2	10♉54.3	02♑229	00♑519	10♑084	11♏211	22♓18.9
26 abr	2 18 48.8	06♉28.3	04♍17.6	13♉16.4	19♊44.9	13♒07.1	11♉08.6	02♑215	00♑508	10♑079	11♏195	22♓20.4
27 abr	2 22 45.4	07♉26.7	16♍09.8	15♉23.3	20♊27.6	13♒47.0	11♉22.9	02♑199	00♑498	10♑074	11♏178	22♓21.4
28 abr	2 26 41.9	08♉25.0	28♍09.9	17♉29.1	21♊09.2	14♒26.8	11♉37.2	02♑183	00♑486	10♑069	11♏161	22♓211
29 abr	2 30 38.5	09♉23.3	10♎21.6	19♉33.6	21♊49.7	15♒06.6	11♉51.5	02♑166	00♑474	10♑063	11♏144	22♓190
30 abr	2 34 35.0	10♉21.5	22♎47.9	21♉36.3	22♊29.1	15♒46.3	12♉05.9	02♑148	00♑462	10♑057	11♏127	22♓147

Declinação dos Astros

Tropical Ephemeris - sexta-feira, 01 abr 1988 at noon, Greenwich SVP = 05♓25.40 True Ayanamsa = 23d 41m 35s
Julian Day = 2447253.0

Decl.	Sidereal Time	Sun	Moon	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	N. Node
	h m s	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′
01 abr	0 40 14.9	04 n 44.2	01 s 31.7	04 s 30.5	22 n 44.2	21 s 44.9	12 n 22.1	22 s 16.5	23 s 37.7	22 s 04.7	00 n 22.2	02 s 45.6
02 abr	0 44 11.5	05 n 07.3	07 s 20.9	03 s 48.8	23 n 01.6	21 s 38.4	12 n 26.8	22 s 16.4	23 s 37.7	22 s 04.6	00 n 22.8	02 s 46.0
03 abr	0 48 8.0	05 n 30.2	12 s 58.8	03 s 06.0	23 n 18.5	21 s 31.8	12 n 31.5	22 s 16.4	23 s 37.7	22 s 04.6	00 n 23.5	02 s 46.9
04 abr	0 52 4.6	05 n 53.1	18 s 10.4	02 s 22.1	23 n 34.9	21 s 25.0	12 n 36.2	22 s 16.3	23 s 37.7	22 s 04.5	00 n 24.1	02 s 47.9
05 abr	0 56 1.1	06 n 15.9	22 s 38.8	01 s 37.3	23 n 50.8	21 s 18.0	12 n 40.9	22 s 16.3	23 s 37.7	22 s 04.5	00 n 24.7	02 s 49.2
06 abr	0 59 57.7	06 n 38.5	26 s 04.6	00 s 51.4	24 n 06.1	21 s 10.9	12 n 45.6	22 s 16.2	23 s 37.8	22 s 04.5	00 n 25.3	02 s 50.3
07 abr	1 3 54.2	07 n 01.1	28 s 08.7	00 s 04.6	24 n 21.0	21 s 03.6	12 n 50.3	22 s 16.2	23 s 37.8	22 s 04.4	00 n 26.0	02 s 51.3
08 abr	1 7 50.8	07 n 23.5	28 s 35.4	00 n 43.2	24 n 35.3	20 s 56.1	12 n 54.9	22 s 16.1	23 s 37.8	22 s 04.4	00 n 26.6	02 s 51.8
09 abr	1 11 47.4	07 n 45.8	27 s 16.8	01 n 31.9	24 n 49.1	20 s 48.5	12 n 59.6	22 s 16.1	23 s 37.8	22 s 04.4	00 n 27.2	02 s 51.9
10 abr	1 15 43.9	08 n 08.0	24 s 15.4	02 n 21.4	25 n 02.3	20 s 40.7	13 n 04.3	22 s 16.0	23 s 37.8	22 s 04.3	00 n 27.8	02 s 51.7
11 abr	1 19 40.5	08 n 30.1	19 s 43.6	03 n 11.7	25 n 15.1	20 s 32.8	13 n 08.9	22 s 16.0	23 s 37.9	22 s 04.3	00 n 28.4	02 s 51.1
12 abr	1 23 37.0	08 n 52.0	14 s 00.3	04 n 02.8	25 n 27.3	20 s 24.8	13 n 13.6	22 s 16.0	23 s 37.9	22 s 04.3	00 n 29.0	02 s 50.4
13 abr	1 27 33.6	09 n 13.8	07 s 28.1	04 n 54.6	25 n 38.9	20 s 16.6	13 n 18.2	22 s 15.9	23 s 37.9	22 s 04.3	00 n 29.6	02 s 49.9
14 abr	1 31 30.1	09 n 35.4	00 s 30.9	05 n 47.0	25 n 50.1	20 s 08.3	13 n 22.9	22 s 15.9	23 s 37.9	22 s 04.2	00 n 30.2	02 s 49.8
15 abr	1 35 26.7	09 n 56.8	06 n 26.7	06 n 39.9	26 n 00.7	19 s 59.8	13 n 27.5	22 s 15.9	23 s 37.9	22 s 04.2	00 n 30.8	02 s 50.2
16 abr	1 39 23.2	10 n 18.1	13 n 00.3	07 n 33.2	26 n 10.8	19 s 51.2	13 n 32.1	22 s 15.8	23 s 38.0	22 s 04.2	00 n 31.3	02 s 51.3
17 abr	1 43 19.8	10 n 39.2	18 n 46.5	08 n 26.8	26 n 20.3	19 s 42.4	13 n 36.7	22 s 15.8	23 s 38.0	22 s 04.2	00 n 31.9	02 s 52.9
18 abr	1 47 16.4	11 n 00.2	23 n 24.7	09 n 20.7	26 n 29.3	19 s 33.5	13 n 41.3	22 s 15.8	23 s 38.0	22 s 04.2	00 n 32.5	02 s 55.0
19 abr	1 51 12.9	11 n 20.9	26 n 38.9	10 n 14.6	26 n 37.8	19 s 24.5	13 n 45.9	22 s 15.8	23 s 38.0	22 s 04.2	00 n 33.0	02 s 57.3
20 abr	1 55 9.5	11 n 41.5	28 n 19.9	11 n 08.4	26 n 45.7	19 s 15.4	13 n 50.5	22 s 15.8	23 s 38.1	22 s 04.2	00 n 33.6	02 s 59.6
21 abr	1 59 6.0	12 n 01.9	28 n 26.7	12 n 01.9	26 n 53.2	19 s 06.1	13 n 55.0	22 s 15.7	23 s 38.1	22 s 04.2	00 n 34.1	03 s 01.4
22 abr	2 3 2.6	12 n 22.1	27 n 06.1	12 n 55.0	27 n 00.1	18 s 56.7	13 n 59.6	22 s 15.7	23 s 38.1	22 s 04.2	00 n 34.6	03 s 02.7
23 abr	2 6 59.1	12 n 42.0	24 n 30.3	13 n 47.5	27 n 06.5	18 s 47.2	14 n 04.1	22 s 15.7	23 s 38.1	22 s 04.2	00 n 35.2	03 s 03.3
24 abr	2 10 55.7	13 n 01.8	20 n 52.9	14 n 39.1	27 n 12.3	18 s 37.6	14 n 08.6	22 s 15.7	23 s 38.2	22 s 04.2	00 n 35.7	03 s 03.4
25 abr	2 14 52.2	13 n 21.4	16 n 27.5	15 n 29.7	27 n 17.7	18 s 27.9	14 n 13.2	22 s 15.7	23 s 38.2	22 s 04.2	00 n 36.2	03 s 02.9
26 abr	2 18 48.8	13 n 40.7	11 n 25.8	16 n 19.0	27 n 22.5	18 s 18.0	14 n 17.7	22 s 15.7	23 s 38.2	22 s 04.2	00 n 36.7	03 s 02.4
27 abr	2 22 45.4	13 n 59.8	05 n 58.4	17 n 06.9	27 n 26.9	18 s 08.1	14 n 22.1	22 s 15.7	23 s 38.2	22 s 04.3	00 n 37.2	03 s 02.0
28 abr	2 26 41.9	14 n 18.6	00 n 14.9	17 n 53.2	27 n 30.7	17 s 58.0	14 n 26.6	22 s 15.7	23 s 38.3	22 s 04.3	00 n 37.7	03 s 02.1
29 abr	2 30 38.5	14 n 37.3	05 s 34.4	18 n 37.5	27 n 34.1	17 s 47.8	14 n 31.0	22 s 15.7	23 s 38.3	22 s 04.3	00 n 38.1	03 s 02.9
30 abr	2 34 35.0	14 n 55.7	11 s 17.6	19 n 19.9	27 n 36.9	17 s 37.5	14 n 35.5	22 s 15.7	23 s 38.3	22 s 04.3	00 n 38.6	03 s 04.6

MAIO DE 1988

Longitude dos Astros

Tropical Ephemeris - domingo, 01 mai 1988 at noon, Greenwich SVP = 05♐25.33 True Ayanamsa = 23d 41m 39s
Julian Day = 2447283.0

Long.	Sidereal Time	Sun	Moon	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	N. Node
	h m s	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′
01 mai	2 38 31.6	11♉19.7	05♏30.2	23♉37.1	23♊07.3	16♒26.0	12♉20.2	02♎129	00♎449	10♎051	11♏110	22♐083
02 mai	2 42 28.1	12♉17.9	18♏29.2	25♉35.6	23♊44.3	17♒05.7	12♉34.5	02♎109	00♎436	10♎044	11♏093	22♐005
03 mai	2 46 24.7	13♉16.1	01♐44.0	27♉31.7	24♊20.0	17♒45.3	12♉48.8	02♎088	00♎422	10♎038	11♏076	21♐519
04 mai	2 50 21.2	14♉14.2	15♐13.1	29♉25.0	24♊54.4	18♒24.8	13♉03.2	02♎066	00♎409	10♎031	11♏059	21♐435
05 mai	2 54 17.8	15♉12.3	28♐54.1	01♊15.4	25♊27.4	19♒04.4	13♉17.5	02♎044	00♎394	10♎023	11♏043	21♐363
06 mai	2 58 14.3	16♉10.4	12♎44.7	03♊02.7	25♊59.0	19♒43.9	13♉31.8	02♎021	00♎379	10♎016	11♏026	21♐309
07 mai	3 2 10.9	17♉08.4	26♎42.6	04♊46.8	26♊29.2	20♒23.3	13♉46.1	01♎597	00♎364	10♎008	11♏009	21♐276
08 mai	3 6 7.5	18♉06.5	10♒46.0	06♊27.5	26♊57.8	21♒02.7	14♉00.4	01♎572	00♎349	09♎599	10♏592	21♐264
09 mai	3 10 4.0	19♉04.5	24♒53.4	08♊04.7	27♊24.9	21♒42.0	14♉14.7	01♎546	00♎333	09♎591	10♏575	21♐26.6
10 mai	3 14 0.6	20♉02.5	09♐03.7	09♊38.4	27♊50.3	22♒21.3	14♉29.0	01♎519	00♎316	09♎582	10♏559	21♐27.5
11 mai	3 17 57.1	21♉00.5	23♐15.3	11♊08.4	28♊14.1	23♒00.5	14♉43.3	01♎492	00♎300	09♎573	10♏542	21♐28.0
12 mai	3 21 53.7	21♉58.4	07♈26.5	12♊34.7	28♊36.1	23♒39.7	14♉57.5	01♎464	00♎282	09♎564	10♏525	21♐270
13 mai	3 25 50.2	22♉56.3	21♈34.7	13♊57.2	28♊56.3	24♒18.7	15♉11.8	01♎435	00♎265	09♎554	10♏509	21♐239
14 mai	3 29 46.8	23♉54.2	05♉36.3	15♊15.9	29♊14.6	24♒57.8	15♉26.0	01♎405	00♎247	09♎544	10♏493	21♐183
15 mai	3 33 43.3	24♉52.1	19♉27.5	16♊30.6	29♊31.1	25♒36.7	15♉40.2	01♎375	00♎229	09♎534	10♏476	21♐102
16 mai	3 37 39.9	25♉50.0	03♊04.5	17♊41.4	29♊45.5	26♒15.6	15♉54.4	01♎344	00♎211	09♎524	10♏460	21♐003
17 mai	3 41 36.5	26♉47.8	16♊24.1	18♊48.2	29♊57.9	26♒54.3	16♉08.6	01♎312	00♎192	09♎514	10♏444	20♐495
18 mai	3 45 33.0	27♉45.6	29♊24.6	19♊51.0	00♋08.2	27♒33.0	16♉22.8	01♎280	00♎173	09♎503	10♏428	20♐388
19 mai	3 49 29.6	28♉43.4	12♋05.7	20♊49.5	00♋16.3	28♒11.7	16♉36.9	01♎246	00♎153	09♎492	10♏412	20♐293
20 mai	3 53 26.1	29♉41.1	24♋28.6	21♊43.9	00♋22.2	28♒50.2	16♉51.1	01♎213	00♎134	09♎480	10♏396	20♐220
21 mai	3 57 22.7	00♊38.9	06♌36.4	22♊34.0	00♋25.9	29♒28.7	17♉05.2	01♎178	00♎114	09♎469	10♏380	20♐171
22 mai	4 1 19.2	01♊36.6	18♌32.9	23♊19.8	00♋27.2	00♐07.0	17♉19.2	01♎143	00♎093	09♎457	10♏365	20♐147
23 mai	4 5 15.8	02♊34.3	00♍22.9	24♊01.1	00♋261	00♐45.3	17♉33.3	01♎108	00♎073	09♎445	10♏350	20♐141
24 mai	4 9 12.3	03♊31.9	12♍11.9	24♊38.0	00♋227	01♐23.5	17♉47.3	01♎071	00♎052	09♎433	10♏334	20♐14.3
25 mai	4 13 8.9	04♊29.5	24♍05.1	25♊10.3	00♋168	02♐01.6	18♉01.3	01♎035	00♎031	09♎421	10♏319	20♐14.4
26 mai	4 17 5.5	05♊27.1	06♎07.8	25♊38.0	00♋085	02♐39.6	18♉15.3	00♎597	00♎009	09♎408	10♏304	20♐130
27 mai	4 21 2.0	06♊24.7	18♎24.8	26♊01.1	29♊578	03♐17.5	18♉29.2	00♎559	29♐588	09♎396	10♏289	20♐094
28 mai	4 24 58.6	07♊22.3	00♏59.9	26♊19.5	29♊446	03♐55.3	18♉43.1	00♎521	29♐566	09♎383	10♏275	20♐030
29 mai	4 28 55.1	08♊19.8	13♏55.5	26♊33.2	29♊290	04♐33.0	18♉57.0	00♎482	29♐544	09♎370	10♏260	19♐540
30 mai	4 32 51.7	09♊17.3	27♏12.4	26♊42.2	29♊111	05♐10.6	19♉10.9	00♎443	29♐522	09♎356	10♏246	19♐429
31 mai	4 36 48.2	10♊14.8	10♐49.5	26♊46.5	28♊508	05♐48.1	19♉24.7	00♎403	29♐499	09♎343	10♏232	19♐307

Declinação dos Astros

Tropical Ephemeris - domingo, 01 mai 1988 at noon, Greenwich SVP = 05♐25.33 True Ayanamsa = 23d 41m 39s
Julian Day = 2447283.0

Decl.	Sidereal Time	Sun	Moon	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	N. Node
	h m s	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′
01 mai	2 38 31.6	15 n 13.8	16 s 40.5	20 n 00.2	27 n 39.3	17 s 27.1	14 n 39.9	22 s 15.7	23 s 38.3	22 s 04.4	00 n 39.0	03 s 07.1
02 mai	2 42 28.1	15 n 31.7	21 s 25.4	20 n 38.1	27 n 41.2	17 s 16.6	14 n 44.3	22 s 15.7	23 s 38.4	22 s 04.4	00 n 39.5	03 s 10.2
03 mai	2 46 24.7	15 n 49.3	25 s 12.1	21 n 13.7	27 n 42.7	17 s 06.1	14 n 48.7	22 s 15.8	23 s 38.4	22 s 04.4	00 n 39.9	03 s 13.6
04 mai	2 50 21.2	16 n 06.7	27 s 39.5	21 n 46.8	27 n 43.6	16 s 55.4	14 n 53.1	22 s 15.8	23 s 38.4	22 s 04.5	00 n 40.3	03 s 16.9
05 mai	2 54 17.8	16 n 23.8	28 s 29.8	22 n 17.4	27 n 44.2	16 s 44.6	14 n 57.4	22 s 15.8	23 s 38.4	22 s 04.5	00 n 40.8	03 s 19.8
06 mai	2 58 14.3	16 n 40.7	27 s 34.0	22 n 45.6	27 n 44.2	16 s 33.7	15 n 01.7	22 s 15.8	23 s 38.5	22 s 04.5	00 n 41.2	03 s 21.9
07 mai	3 2 10.9	16 n 57.2	24 s 54.5	23 n 11.2	27 n 43.8	16 s 22.8	15 n 06.0	22 s 15.8	23 s 38.5	22 s 04.6	00 n 41.6	03 s 23.2
08 mai	3 6 7.5	17 n 13.5	20 s 44.3	23 n 34.3	27 n 43.0	16 s 11.8	15 n 10.3	22 s 15.9	23 s 38.5	22 s 04.6	00 n 41.9	03 s 23.7
09 mai	3 10 4.0	17 n 29.5	15 s 22.7	23 n 54.9	27 n 41.7	16 s 00.7	15 n 14.6	22 s 15.9	23 s 38.5	22 s 04.7	00 n 42.3	03 s 23.6
10 mai	3 14 0.6	17 n 45.2	09 s 11.2	24 n 13.1	27 n 40.0	15 s 49.5	15 n 18.9	22 s 15.9	23 s 38.6	22 s 04.7	00 n 42.7	03 s 23.2
11 mai	3 17 57.1	18 n 00.6	02 s 31.6	24 n 28.9	27 n 37.9	15 s 38.2	15 n 23.1	22 s 16.0	23 s 38.6	22 s 04.8	00 n 43.0	03 s 23.1
12 mai	3 21 53.7	18 n 15.7	04 n 14.9	24 n 42.5	27 n 35.3	15 s 26.9	15 n 27.3	22 s 16.0	23 s 38.6	22 s 04.8	00 n 43.4	03 s 23.4
13 mai	3 25 50.2	18 n 30.5	10 n 47.2	24 n 53.9	27 n 32.3	15 s 15.5	15 n 31.5	22 s 16.0	23 s 38.6	22 s 04.9	00 n 43.7	03 s 24.6
14 mai	3 29 46.8	18 n 45.0	16 n 44.0	25 n 03.1	27 n 28.9	15 s 04.0	15 n 35.7	22 s 16.1	23 s 38.7	22 s 04.9	00 n 44.0	03 s 26.9
15 mai	3 33 43.3	18 n 59.2	21 n 44.4	25 n 10.2	27 n 25.1	14 s 52.5	15 n 39.8	22 s 16.1	23 s 38.7	22 s 05.0	00 n 44.3	03 s 30.0
16 mai	3 37 39.9	19 n 13.0	25 n 29.4	25 n 15.4	27 n 20.8	14 s 41.0	15 n 44.0	22 s 16.1	23 s 38.7	22 s 05.0	00 n 44.6	03 s 33.9
17 mai	3 41 36.5	19 n 26.5	27 n 45.2	25 n 18.6	27 n 16.1	14 s 29.3	15 n 48.1	22 s 16.2	23 s 38.7	22 s 05.1	00 n 44.9	03 s 38.2
18 mai	3 45 33.0	19 n 39.7	28 n 25.7	25 n 20.1	27 n 11.0	14 s 17.7	15 n 52.1	22 s 16.2	23 s 38.7	22 s 05.2	00 n 45.2	03 s 42.4
19 mai	3 49 29.6	19 n 52.6	27 n 34.1	25 n 19.8	27 n 05.5	14 s 05.9	15 n 56.2	22 s 16.3	23 s 38.8	22 s 05.2	00 n 45.4	03 s 46.1
20 mai	3 53 26.1	20 n 05.1	25 n 20.8	25 n 17.9	26 n 59.5	13 s 54.2	16 n 00.2	22 s 16.3	23 s 38.8	22 s 05.3	00 n 45.7	03 s 49.0
21 mai	3 57 22.7	20 n 17.3	22 n 00.4	25 n 14.5	26 n 53.0	13 s 42.4	16 n 04.2	22 s 16.4	23 s 38.8	22 s 05.4	00 n 45.9	03 s 50.9
22 mai	4 1 19.2	20 n 29.1	17 n 47.9	25 n 09.5	26 n 46.1	13 s 30.5	16 n 08.2	22 s 16.4	23 s 38.8	22 s 05.4	00 n 46.1	03 s 51.9
23 mai	4 5 15.8	20 n 40.6	12 n 56.8	25 n 03.2	26 n 38.8	13 s 18.6	16 n 12.2	22 s 16.5	23 s 38.8	22 s 05.5	00 n 46.3	03 s 52.1
24 mai	4 9 12.3	20 n 51.7	07 n 38.2	24 n 55.5	26 n 30.9	13 s 06.7	16 n 16.1	22 s 16.5	23 s 38.8	22 s 05.6	00 n 46.5	03 s 52.0
25 mai	4 13 8.9	21 n 02.4	02 n 01.8	24 n 46.5	26 n 22.7	12 s 54.8	16 n 20.0	22 s 16.6	23 s 38.9	22 s 05.7	00 n 46.7	03 s 52.0
26 mai	4 17 5.5	21 n 12.8	03 s 43.0	24 n 36.4	26 n 13.9	12 s 42.8	16 n 23.9	22 s 16.6	23 s 38.9	22 s 05.8	00 n 46.9	03 s 52.6
27 mai	4 21 2.0	21 n 22.8	09 s 26.2	24 n 25.1	26 n 04.6	12 s 30.8	16 n 27.8	22 s 16.7	23 s 38.9	22 s 05.8	00 n 47.0	03 s 54.0
28 mai	4 24 58.6	21 n 32.5	14 s 55.2	24 n 12.9	25 n 54.8	12 s 18.8	16 n 31.6	22 s 16.7	23 s 38.9	22 s 05.9	00 n 47.2	03 s 56.5
29 mai	4 28 55.1	21 n 41.8	19 s 54.1	23 n 59.6	25 n 44.5	12 s 06.7	16 n 35.4	22 s 16.8	23 s 38.9	22 s 06.0	00 n 47.3	04 s 00.0
30 mai	4 32 51.7	21 n 50.7	24 s 02.8	23 n 45.4	25 n 33.7	11 s 54.7	16 n 39.2	22 s 16.8	23 s 38.9	22 s 06.1	00 n 47.4	04 s 04.4
31 mai	4 36 48.2	21 n 59.2	26 s 58.4	23 n 30.5	25 n 22.4	11 s 42.6	16 n 42.9	22 s 16.9	23 s 38.9	22 s 06.2	00 n 47.5	04 s 09.2

JUNHO DE 1988

Longitude dos Astros

Tropical Ephemeris - quarta-feira, 01 jun 1988 at noon, Greenwich SVP = 05♐25.26 True Ayanamsa = 23d 41m 44s
Julian Day = 2447314.0

Long.	Sidereal Time	Sun	Moon	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	N. Node
	h m s	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′
01 jun	4 40 44.8	11♊12.3	24♐43.9	26♊463	28♊283	06♐25.4	19♉38.5	00♏363	29♐477	09♏329	10♏218	19♐185
02 jun	4 44 41.3	12♊09.7	08♏51.1	26♊415	28♊036	07♐02.7	19♉52.2	00♏322	29♐454	09♏315	10♏204	19♐077
03 jun	4 48 37.9	13♊07.2	23♏06.2	26♊324	27♊369	07♐39.9	20♉05.9	00♏282	29♐431	09♏301	10♏191	18♐590
04 jun	4 52 34.5	14♊04.6	07♒24.2	26♊192	27♊082	08♐16.9	20♉19.6	00♏240	29♐408	09♏287	10♏177	18♐530
05 jun	4 56 31.0	15♊02.0	21♒41.1	26♊021	26♊378	08♐53.8	20♉33.2	00♏199	29♐384	09♏273	10♏164	18♐497
06 jun	5 0 27.6	15♊59.5	05♐54.0	25♊413	26♊058	09♐30.5	20♉46.8	00♏156	29♐361	09♏259	10♏151	18♐486
07 jun	5 4 24.1	16♊56.9	20♐01.1	25♊173	25♊323	10♐07.2	21♉00.3	00♏114	29♐337	09♏244	10♏139	18♐485
08 jun	5 8 20.7	17♊54.3	04♈01.7	24♊504	24♊576	10♐43.7	21♉13.8	00♏072	29♐314	09♏229	10♏126	18♐484
09 jun	5 12 17.2	18♊51.6	17♈55.2	24♊211	24♊219	11♐20.0	21♉27.3	00♏029	29♐290	09♏214	10♏114	18♐470
10 jun	5 16 13.8	19♊49.0	01♉41.0	23♊499	23♊454	11♐56.2	21♉40.7	29♐585	29♐266	09♏200	10♏102	18♐435
11 jun	5 20 10.3	20♊46.4	15♉18.0	23♊173	23♊083	12♐32.2	21♉54.1	29♐542	29♐242	09♏184	10♏090	18♐372
12 jun	5 24 6.9	21♊43.7	28♉44.7	22♊438	22♊308	13♐08.1	22♉07.4	29♐499	29♐217	09♏169	10♏079	18♐282
13 jun	5 28 3.5	22♊41.1	11♊59.5	22♊100	21♊533	13♐43.8	22♉20.7	29♐455	29♐193	09♏154	10♏067	18♐170
14 jun	5 32 0.0	23♊38.4	25♊00.4	21♊365	21♊158	14♐19.3	22♉33.9	29♐411	29♐169	09♏138	10♏056	18♐046
15 jun	5 35 56.6	24♊35.7	07♋46.4	21♊039	20♊388	14♐54.7	22♉47.1	29♐367	29♐145	09♏123	10♏045	17♐522
16 jun	5 39 53.1	25♊33.1	20♋17.1	20♊328	20♊023	15♐29.8	23♉00.2	29♐323	29♐120	09♏107	10♏035	17♐410
17 jun	5 43 49.7	26♊30.4	02♌33.2	20♊035	19♊266	16♐04.8	23♉13.2	29♐278	29♐096	09♏092	10♏025	17♐320
18 jun	5 47 46.2	27♊27.7	14♌36.7	19♊368	18♊520	16♐39.6	23♉26.2	29♐234	29♐071	09♏076	10♏015	17♐257
19 jun	5 51 42.8	28♊24.9	26♌30.8	19♊129	18♊186	17♐14.2	23♉39.2	29♐190	29♐047	09♏060	10♏005	17♐221
20 jun	5 55 39.3	29♊22.2	08♍19.5	18♊523	17♊467	17♐48.6	23♉52.1	29♐145	29♐022	09♏044	09♏596	17♐208
21 jun	5 59 35.9	00♋19.5	20♍07.6	18♊354	17♊163	18♐22.7	24♉04.9	29♐101	28♐598	09♏028	09♏586	17♐208
22 jun	6 3 32.5	01♋16.7	02♎00.3	18♊225	16♊477	18♐56.7	24♉17.7	29♐057	28♐573	09♏012	09♏577	17♐20.9
23 jun	6 7 29.0	02♋13.9	14♎03.1	18♊138	16♊210	19♐30.5	24♉30.4	29♐012	28♐549	08♏596	09♏569	17♐200
24 jun	6 11 25.6	03♋11.2	26♎21.4	18♊095	15♊563	20♐04.0	24♉43.0	28♐568	28♐524	08♏580	09♏561	17♐171
25 jun	6 15 22.1	04♋08.4	08♏59.7	18♊09.8	15♊338	20♐37.3	24♉55.6	28♐524	28♐500	08♏564	09♏552	17♐117
26 jun	6 19 18.7	05♋05.6	22♏01.6	18♊14.7	15♊134	21♐10.4	25♉08.1	28♐480	28♐476	08♏548	09♏545	17♐038
27 jun	6 23 15.2	06♋02.8	05♐28.9	18♊24.5	14♊553	21♐43.2	25♉20.5	28♐436	28♐451	08♏532	09♏537	16♐537
28 jun	6 27 11.8	06♋60.0	19♐20.9	18♊39.1	14♊396	22♐15.8	25♉32.9	28♐393	28♐427	08♏515	09♏530	16♐423
29 jun	6 31 8.3	07♋57.2	03♏34.8	18♊58.5	14♊263	22♐48.2	25♉45.2	28♐349	28♐403	08♏499	09♏523	16♐309
30 jun	6 35 4.9	08♋54.3	18♏05.1	19♊22.8	14♊153	23♐20.3	25♉57.4	28♐306	28♐379	08♏483	09♏517	16♐205

Declinação dos Astros

Tropical Ephemeris - quarta-feira, 01 jun 1988 at noon, Greenwich SVP = 05♐25.26 True Ayanamsa = 23d 41m 44s
Julian Day = 2447314.0

Decl.	Sidereal Time	Sun	Moon	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	N. Node
	h m s	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′
01 jun	4 40 44.8	22 n 07.3	28 s 19.2	23 n 14.8	25 n 10.6	11 s 30.5	16 n 46.7	22 s 16.9	23 s 38.9	22 s 06.3	00 n 47.6	04 s 13.9
02 jun	4 44 41.3	22 n 15.1	27 s 51.4	22 n 58.4	24 n 58.2	11 s 18.4	16 n 50.3	22 s 17.0	23 s 39.0	22 s 06.4	00 n 47.7	04 s 18.2
03 jun	4 48 37.9	22 n 22.5	25 s 33.7	22 n 41.5	24 n 45.3	11 s 06.4	16 n 54.0	22 s 17.0	23 s 39.0	22 s 06.5	00 n 47.8	04 s 21.6
04 jun	4 52 34.5	22 n 29.5	21 s 38.7	22 n 24.2	24 n 32.0	10 s 54.3	16 n 57.7	22 s 17.1	23 s 39.0	22 s 06.6	00 n 47.8	04 s 23.9
05 jun	4 56 31.0	22 n 36.0	16 s 27.4	22 n 06.5	24 n 18.1	10 s 42.2	17 n 01.3	22 s 17.1	23 s 39.0	22 s 06.7	00 n 47.9	04 s 25.2
06 jun	5 0 27.6	22 n 42.2	10 s 23.9	21 n 48.5	24 n 03.8	10 s 30.1	17 n 04.9	22 s 17.2	23 s 39.0	22 s 06.7	00 n 47.9	04 s 25.7
07 jun	5 4 24.1	22 n 48.0	03 s 51.3	21 n 30.5	23 n 49.1	10 s 18.0	17 n 08.4	22 s 17.2	23 s 39.0	22 s 06.8	00 n 47.9	04 s 25.7
08 jun	5 8 20.7	22 n 53.4	02 n 49.1	21 n 12.5	23 n 34.0	10 s 06.0	17 n 11.9	22 s 17.3	23 s 39.0	22 s 06.9	00 n 47.9	04 s 25.7
09 jun	5 12 17.2	22 n 58.4	09 n 18.0	20 n 54.7	23 n 18.5	09 s 54.0	17 n 15.4	22 s 17.4	23 s 39.0	22 s 07.0	00 n 47.9	04 s 26.3
10 jun	5 16 13.8	23 n 03.0	15 n 16.5	20 n 37.2	23 n 02.8	09 s 42.0	17 n 18.9	22 s 17.4	23 s 39.0	22 s 07.1	00 n 47.8	04 s 27.7
11 jun	5 20 10.3	23 n 07.2	20 n 26.0	20 n 20.1	22 n 46.8	09 s 30.0	17 n 22.4	22 s 17.5	23 s 39.0	22 s 07.3	00 n 47.8	04 s 30.1
12 jun	5 24 6.9	23 n 11.0	24 n 28.8	20 n 03.8	22 n 30.6	09 s 18.0	17 n 25.8	22 s 17.5	23 s 39.0	22 s 07.4	00 n 47.7	04 s 33.6
13 jun	5 28 3.5	23 n 14.3	27 n 09.5	19 n 48.2	22 n 14.4	09 s 06.1	17 n 29.1	22 s 17.6	23 s 39.0	22 s 07.5	00 n 47.7	04 s 38.0
14 jun	5 32 0.0	23 n 17.3	28 n 18.6	19 n 33.6	21 n 58.0	08 s 54.3	17 n 32.5	22 s 17.6	23 s 39.0	22 s 07.6	00 n 47.6	04 s 42.9
15 jun	5 35 56.6	23 n 19.8	27 n 54.8	19 n 20.1	21 n 41.8	08 s 42.5	17 n 35.8	22 s 17.7	23 s 39.0	22 s 07.7	00 n 47.5	04 s 47.7
16 jun	5 39 53.1	23 n 22.0	26 n 05.3	19 n 07.8	21 n 25.6	08 s 30.7	17 n 39.1	22 s 17.7	23 s 39.0	22 s 07.8	00 n 47.4	04 s 52.1
17 jun	5 43 49.7	23 n 23.7	23 n 03.0	18 n 56.9	21 n 09.6	08 s 19.0	17 n 42.4	22 s 17.8	23 s 39.0	22 s 07.9	00 n 47.2	04 s 55.6
18 jun	5 47 46.2	23 n 25.0	19 n 03.7	18 n 47.5	20 n 53.9	08 s 07.3	17 n 45.6	22 s 17.9	23 s 39.0	22 s 08.0	00 n 47.1	04 s 58.0
19 jun	5 51 42.8	23 n 25.9	14 n 22.0	18 n 39.6	20 n 38.5	07 s 55.7	17 n 48.8	22 s 17.9	23 s 39.0	22 s 08.1	00 n 46.9	04 s 59.4
20 jun	5 55 39.3	23 n 26.4	09 n 10.8	18 n 33.4	20 n 23.6	07 s 44.1	17 n 52.0	22 s 18.0	23 s 39.0	22 s 08.2	00 n 46.8	04 s 60.0
21 jun	5 59 35.9	23 n 26.4	03 n 40.7	18 n 28.8	20 n 09.1	07 s 32.6	17 n 55.1	22 s 18.0	23 s 39.0	22 s 08.3	00 n 46.6	04 s 60.0
22 jun	6 3 32.5	23 n 26.1	01 s 58.9	18 n 25.9	19 n 55.1	07 s 21.2	17 n 58.2	22 s 18.1	23 s 38.9	22 s 08.4	00 n 46.4	04 s 59.9
23 jun	6 7 29.0	23 n 25.3	07 s 39.0	18 n 24.7	19 n 41.7	07 s 09.9	18 n 01.3	22 s 18.1	23 s 38.9	22 s 08.6	00 n 46.2	05 s 00.3
24 jun	6 11 25.6	23 n 24.1	13 s 09.0	18 n 25.2	19 n 29.0	06 s 58.6	18 n 04.3	22 s 18.2	23 s 38.9	22 s 08.7	00 n 46.0	05 s 01.4
25 jun	6 15 22.1	23 n 22.5	18 s 15.7	18 n 27.3	19 n 17.0	06 s 47.4	18 n 07.3	22 s 18.2	23 s 38.9	22 s 08.8	00 n 45.7	05 s 03.5
26 jun	6 19 18.7	23 n 20.6	22 s 41.5	18 n 31.1	19 n 05.6	06 s 36.3	18 n 10.3	22 s 18.3	23 s 38.9	22 s 08.9	00 n 45.5	05 s 06.6
27 jun	6 23 15.2	23 n 18.1	26 s 04.9	18 n 36.3	18 n 55.0	06 s 25.2	18 n 13.2	22 s 18.3	23 s 38.9	22 s 09.0	00 n 45.2	05 s 10.5
28 jun	6 27 11.8	23 n 15.3	28 s 02.0	18 n 43.0	18 n 45.2	06 s 14.2	18 n 16.1	22 s 18.4	23 s 38.9	22 s 09.1	00 n 44.9	05 s 14.9
29 jun	6 31 8.3	23 n 12.1	28 s 12.9	18 n 51.0	18 n 36.1	06 s 03.4	18 n 19.0	22 s 18.4	23 s 38.9	22 s 09.2	00 n 44.7	05 s 19.4
30 jun	6 35 4.9	23 n 08.5	26 s 28.8	19 n 00.3	18 n 27.8	05 s 52.6	18 n 21.8	22 s 18.5	23 s 38.8	22 s 09.4	00 n 44.4	05 s 23.4

JULHO DE 1988

Longitude dos Astros

Tropical Ephemeris - sexta-feira, 01 jul 1988 at noon, Greenwich SVP = 05♐25.18 True Ayanamsa = 23d 41m 48s
Julian Day = 2447344.0

Long.	Sidereal Time	Sun	Moon	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	N. Node
	h m s	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′
01 jul	6 39 1.4	09♋51.5	02♒45.0	19♊51.9	14♊067	23♐52.2	26♉09.5	28♑263	28♑355	08♏467	09♏511	16♐121
02 jul	6 42 58.0	10♋48.7	17♒27.2	20♊25.8	14♊006	24♐23.8	26♉21.6	28♑220	28♑332	08♏451	09♏505	16♐063
03 jul	6 46 54.6	11♋45.9	02♐04.9	21♊04.5	13♊568	24♐55.1	26♉33.6	28♑177	28♑308	08♏434	09♏499	16♐031
04 jul	6 50 51.1	12♋43.1	16♐33.0	21♊47.9	13♊555	25♐26.1	26♉45.6	28♑135	28♑284	08♏418	09♏494	16♐020
05 jul	6 54 47.7	13♋40.3	00♈48.4	22♊35.9	13♊56.4	25♐56.8	26♉57.4	28♑093	28♑261	08♏402	09♏489	16♐02.4
06 jul	6 58 44.2	14♋37.5	14♈49.5	23♊28.6	13♊59.7	26♐27.2	27♉09.2	28♑052	28♑238	08♏386	09♏484	16♐03.1
07 jul	7 2 40.8	15♋34.7	28♈36.0	24♊25.8	14♊05.2	26♐57.3	27♉20.9	28♑010	28♑215	08♏370	09♏480	16♐031
08 jul	7 6 37.3	16♋31.9	12♉08.4	25♊27.6	14♊12.9	27♐27.1	27♉32.5	27♑569	28♑192	08♏354	09♏476	16♐014
09 jul	7 10 33.9	17♋29.1	25♉27.3	26♊33.7	14♊22.7	27♐56.5	27♉44.0	27♑529	28♑169	08♏338	09♏472	15♐574
10 jul	7 14 30.4	18♋26.3	08♊33.2	27♊44.3	14♊34.7	28♐25.6	27♉55.4	27♑489	28♑147	08♏322	09♏469	15♐513
11 jul	7 18 27.0	19♋23.6	21♊26.5	28♊59.1	14♊48.6	28♐54.4	28♉06.8	27♑449	28♑124	08♏306	09♏466	15♐431
12 jul	7 22 23.6	20♋20.8	04♋07.3	00♋18.2	15♊04.5	29♐22.8	28♉18.0	27♑410	28♑102	08♏290	09♏463	15♐339
13 jul	7 26 20.1	21♋18.0	16♋36.0	01♋41.4	15♊22.3	29♐50.8	28♉29.2	27♑371	28♑080	08♏274	09♏461	15♐245
14 jul	7 30 16.7	22♋15.3	28♋52.9	03♋08.8	15♊42.0	00♈18.4	28♉40.3	27♑333	28♑059	08♏259	09♏459	15♐159
15 jul	7 34 13.2	23♋12.5	10♌59.1	04♋40.1	16♊03.4	00♈45.6	28♉51.3	27♑295	28♑037	08♏243	09♏457	15♐090
16 jul	7 38 9.8	24♋09.8	22♌56.1	06♋15.4	16♊26.5	01♈12.4	29♉02.2	27♑257	28♑016	08♏228	09♏456	15♐043
17 jul	7 42 6.3	25♋07.1	04♍46.3	07♋54.4	16♊51.3	01♈38.8	29♉13.0	27♑221	27♑595	08♏212	09♏455	15♐020
18 jul	7 46 2.9	26♋04.3	16♍33.1	09♋37.0	17♊17.7	02♈04.8	29♉23.6	27♑185	27♑574	08♏197	09♏454	15♐016
19 jul	7 49 59.4	27♋01.6	28♍20.2	11♋23.1	17♊45.6	02♈30.4	29♉34.2	27♑149	27♑554	08♏182	09♏454	15♐02.5
20 jul	7 53 56.0	27♋58.9	10♎12.3	13♋12.4	18♊15.0	02♈55.5	29♉44.7	27♑114	27♑534	08♏167	09♏45.4	15♐03.8
21 jul	7 57 52.6	28♋56.1	22♎14.3	15♋04.8	18♊45.8	03♈20.2	29♉55.1	27♑080	27♑514	08♏152	09♏45.4	15♐04.7
22 jul	8 1 49.1	29♋53.4	04♏31.3	16♋59.9	19♊18.0	03♈44.4	00♊05.4	27♑046	27♑494	08♏137	09♏45.5	15♐043
23 jul	8 5 45.7	00♌50.7	17♏08.2	18♋57.5	19♊51.6	04♈08.2	00♊15.5	27♑013	27♑475	08♏122	09♏45.6	15♐021
24 jul	8 9 42.2	01♌48.0	00♑09.3	20♋57.3	20♊26.4	04♈31.4	00♊25.6	26♑581	27♑456	08♏108	09♏45.7	14♐581
25 jul	8 13 38.8	02♌45.3	13♑37.5	22♋59.0	21♊02.4	04♈54.2	00♊35.6	26♑549	27♑438	08♏093	09♏45.9	14♐525
26 jul	8 17 35.3	03♌42.6	27♑33.3	25♋02.2	21♊39.7	05♈16.5	00♊45.4	26♑518	27♑420	08♏079	09♏46.1	14♐459
27 jul	8 21 31.9	04♌39.9	11♒55.0	27♋06.7	22♊18.1	05♈38.3	00♊55.1	26♑488	27♑402	08♏065	09♏46.3	14♐391
28 jul	8 25 28.4	05♌37.2	26♒37.9	29♋12.0	22♊57.6	05♈59.6	01♊04.7	26♑458	27♑384	08♏051	09♏46.6	14♐330
29 jul	8 29 25.0	06♌34.6	11♓34.9	01♌17.9	23♊38.2	06♈20.3	01♊14.2	26♑429	27♑367	08♏037	09♏46.9	14♐281
30 jul	8 33 21.6	07♌31.9	26♓37.3	03♌24.0	24♊19.8	06♈40.5	01♊23.6	26♑401	27♑350	08♏024	09♏47.2	14♐250
31 jul	8 37 18.1	08♌29.3	11♐36.2	05♌30.1	25♊02.4	07♈00.1	01♊32.9	26♑374	27♑333	08♏010	09♏47.6	14♐237

Declinação dos Astros

Tropical Ephemeris - sexta-feira, 01 jul 1988 at noon, Greenwich SVP = 05♐25.18 True Ayanamsa = 23d 41m 48s
Julian Day = 2447344.0

Decl.	Sidereal Time	Sun	Moon	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	N. Node
	h m s	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′
01 jul	6 39 1.4	23 n 04.5	22 s 56.4	19 n 10.7	18 n 20.4	05 s 41.9	18 n 24.6	22 s 18.6	23 s 38.8	22 s 09.5	00 n 44.0	05 s 26.6
02 jul	6 42 58.0	23 n 00.0	17 s 55.7	19 n 22.2	18 n 13.6	05 s 31.3	18 n 27.4	22 s 18.6	23 s 38.8	22 s 09.6	00 n 43.7	05 s 28.9
03 jul	6 46 54.6	22 n 55.2	11 s 53.3	19 n 34.5	18 n 07.7	05 s 20.9	18 n 30.2	22 s 18.7	23 s 38.8	22 s 09.7	00 n 43.4	05 s 30.2
04 jul	6 50 51.1	22 n 50.0	05 s 16.4	19 n 47.6	18 n 02.5	05 s 10.5	18 n 32.9	22 s 18.7	23 s 38.8	22 s 09.8	00 n 43.0	05 s 30.6
05 jul	6 54 47.7	22 n 44.3	01 n 30.5	20 n 01.2	17 n 58.1	05 s 00.2	18 n 35.6	22 s 18.8	23 s 38.7	22 s 09.9	00 n 42.6	05 s 30.4
06 jul	6 58 44.2	22 n 38.3	08 n 06.1	20 n 15.4	17 n 54.4	04 s 50.1	18 n 38.2	22 s 18.8	23 s 38.7	22 s 10.1	00 n 42.3	05 s 30.1
07 jul	7 2 40.8	22 n 31.9	14 n 11.7	20 n 29.9	17 n 51.3	04 s 40.1	18 n 40.8	22 s 18.9	23 s 38.7	22 s 10.2	00 n 41.9	05 s 30.2
08 jul	7 6 37.3	22 n 25.1	19 n 30.0	20 n 44.5	17 n 49.0	04 s 30.2	18 n 43.4	22 s 18.9	23 s 38.7	22 s 10.3	00 n 41.5	05 s 30.8
09 jul	7 10 33.9	22 n 17.9	23 n 45.0	20 n 59.1	17 n 47.3	04 s 20.5	18 n 46.0	22 s 19.0	23 s 38.6	22 s 10.4	00 n 41.0	05 s 32.3
10 jul	7 14 30.4	22 n 10.3	26 n 42.6	21 n 13.5	17 n 46.2	04 s 10.9	18 n 48.5	22 s 19.0	23 s 38.6	22 s 10.5	00 n 40.6	05 s 34.7
11 jul	7 18 27.0	22 n 02.3	28 n 12.7	21 n 27.5	17 n 45.6	04 s 01.4	18 n 50.9	22 s 19.1	23 s 38.6	22 s 10.6	00 n 40.2	05 s 37.9
12 jul	7 22 23.6	21 n 54.0	28 n 11.9	21 n 41.0	17 n 45.7	03 s 52.1	18 n 53.4	22 s 19.2	23 s 38.6	22 s 10.8	00 n 39.7	05 s 41.5
13 jul	7 26 20.1	21 n 45.3	26 n 44.1	21 n 53.8	17 n 46.2	03 s 42.9	18 n 55.8	22 s 19.2	23 s 38.5	22 s 10.9	00 n 39.2	05 s 45.1
14 jul	7 30 16.7	21 n 36.2	24 n 00.2	22 n 05.6	17 n 47.2	03 s 33.9	18 n 58.2	22 s 19.3	23 s 38.5	22 s 11.0	00 n 38.8	05 s 48.4
15 jul	7 34 13.2	21 n 26.7	20 n 14.4	22 n 16.4	17 n 48.7	03 s 25.0	19 n 00.5	22 s 19.3	23 s 38.5	22 s 11.1	00 n 38.3	05 s 51.1
16 jul	7 38 9.8	21 n 16.9	15 n 42.1	22 n 25.7	17 n 50.6	03 s 16.4	19 n 02.8	22 s 19.4	23 s 38.5	22 s 11.2	00 n 37.8	05 s 52.9
17 jul	7 42 6.3	21 n 06.7	10 n 36.9	22 n 33.6	17 n 52.8	03 s 07.8	19 n 05.1	22 s 19.5	23 s 38.4	22 s 11.3	00 n 37.3	05 s 53.8
18 jul	7 46 2.9	20 n 56.1	05 n 10.8	22 n 39.8	17 n 55.4	02 s 59.5	19 n 07.3	22 s 19.5	23 s 38.4	22 s 11.5	00 n 36.7	05 s 54.0
19 jul	7 49 59.4	20 n 45.2	00 s 26.0	22 n 44.0	17 n 58.4	02 s 51.3	19 n 09.5	22 s 19.6	23 s 38.4	22 s 11.6	00 n 36.2	05 s 53.6
20 jul	7 53 56.0	20 n 34.0	06 s 04.0	22 n 46.2	18 n 01.6	02 s 43.2	19 n 11.7	22 s 19.6	23 s 38.4	22 s 11.7	00 n 35.6	05 s 53.1
21 jul	7 57 52.6	20 n 22.4	11 s 33.7	22 n 46.1	18 n 05.1	02 s 35.4	19 n 13.9	22 s 19.7	23 s 38.3	22 s 11.8	00 n 35.1	05 s 52.8
22 jul	8 1 49.1	20 n 10.5	16 s 43.8	22 n 43.6	18 n 08.8	02 s 27.7	19 n 16.0	22 s 19.8	23 s 38.3	22 s 11.9	00 n 34.5	05 s 52.9
23 jul	8 5 45.7	19 n 58.2	21 s 19.9	22 n 38.6	18 n 12.7	02 s 20.2	19 n 18.0	22 s 19.8	23 s 38.3	22 s 12.0	00 n 33.9	05 s 53.8
24 jul	8 9 42.2	19 n 45.6	25 s 03.8	22 n 31.1	18 n 16.7	02 s 12.9	19 n 20.1	22 s 19.9	23 s 38.2	22 s 12.1	00 n 33.3	05 s 55.3
25 jul	8 13 38.8	19 n 32.7	27 s 33.7	22 n 20.8	18 n 20.9	02 s 05.8	19 n 22.1	22 s 20.0	23 s 38.2	22 s 12.3	00 n 32.7	05 s 57.5
26 jul	8 17 35.3	19 n 19.4	28 s 27.4	22 n 07.9	18 n 25.2	01 s 58.9	19 n 24.0	22 s 20.1	23 s 38.2	22 s 12.4	00 n 32.1	06 s 00.0
27 jul	8 21 31.9	19 n 05.9	27 s 29.3	21 n 52.3	18 n 29.6	01 s 52.2	19 n 26.0	22 s 20.1	23 s 38.2	22 s 12.5	00 n 31.5	06 s 02.6
28 jul	8 25 28.4	18 n 52.0	24 s 36.4	21 n 34.1	18 n 34.1	01 s 45.7	19 n 27.8	22 s 20.2	23 s 38.1	22 s 12.6	00 n 30.8	06 s 05.0
29 jul	8 29 25.0	18 n 37.8	20 s 01.5	21 n 13.3	18 n 38.6	01 s 39.4	19 n 29.7	22 s 20.3	23 s 38.1	22 s 12.7	00 n 30.2	06 s 06.9
30 jul	8 33 21.6	18 n 23.3	14 s 08.6	20 n 50.0	18 n 43.1	01 s 33.2	19 n 31.5	22 s 20.4	23 s 38.1	22 s 12.8	00 n 29.5	06 s 08.1
31 jul	8 37 18.1	18 n 08.5	07 s 27.2	20 n 24.4	18 n 47.5	01 s 27.3	19 n 33.3	22 s 20.5	23 s 38.0	22 s 12.9	00 n 28.9	06 s 08.6

AGOSTO DE 1988

Longitude dos Astros

Tropical Ephemeris - segunda-feira, 01 ago 1988 at noon, Greenwich SVP = 05♓25.10 True Ayanamsa = 23d 41m 53s
Julian Day = 2447375.0

Long.	Sidereal Time	Sun	Moon	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	N. Node
	h m s	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′
01 ago	8 41 14.7	09♌26.7	26♓24.1	07♌35.9	25♊46.0	07♈19.1	01♊42.0	26♐347	27♐317	07♑597	09♏48.0	14♓24.0
02 ago	8 45 11.2	10♌24.1	10♈55.3	09♌41.2	26♊30.5	07♈37.6	01♊51.1	26♐321	27♐301	07♑584	09♏48.5	14♓25.4
03 ago	8 49 7.8	11♌21.5	25♈06.5	11♌45.8	27♊15.9	07♈55.4	01♊60.0	26♐296	27♐286	07♑571	09♏49.0	14♓27.1
04 ago	8 53 4.3	12♌18.9	08♉56.5	13♌49.5	28♊02.1	08♈12.7	02♊08.7	26♐272	27♐271	07♑558	09♏49.5	14♓28.6
05 ago	8 57 0.9	13♌16.4	22♉25.9	15♌52.2	28♊49.2	08♈29.2	02♊17.4	26♐249	27♐256	07♑546	09♏50.0	14♓29.2
06 ago	9 0 57.4	14♌13.9	05♊35.9	17♌53.8	29♊37.0	08♈45.2	02♊25.9	26♐226	27♐242	07♑533	09♏50.6	14♓285
07 ago	9 4 54.0	15♌11.4	18♊28.6	19♌54.1	00♋25.7	09♈00.4	02♊34.3	26♐205	27♐228	07♑521	09♏51.2	14♓265
08 ago	9 8 50.6	16♌08.9	01♋06.1	21♌53.1	01♋15.1	09♈15.0	02♊42.5	26♐184	27♐215	07♑509	09♏51.9	14♓234
09 ago	9 12 47.1	17♌06.5	13♋30.6	23♌50.7	02♋05.1	09♈28.9	02♊50.6	26♐164	27♐202	07♑498	09♏52.5	14♓197
10 ago	9 16 43.7	18♌04.0	25♋43.9	25♌47.0	02♋55.9	09♈42.0	02♊58.6	26♐145	27♐189	07♑486	09♏53.3	14♓157
11 ago	9 20 40.2	19♌01.6	07♌48.0	27♌41.7	03♋47.3	09♈54.5	03♊06.4	26♐126	27♐177	07♑475	09♏54.0	14♓122
12 ago	9 24 36.8	19♌59.2	19♌44.4	29♌35.0	04♋39.4	10♈06.2	03♊14.1	26♐109	27♐165	07♑464	09♏54.8	14♓095
13 ago	9 28 33.3	20♌56.9	01♍35.2	01♍26.9	05♋32.0	10♈17.2	03♊21.7	26♐093	27♐154	07♑453	09♏55.6	14♓080
14 ago	9 32 29.9	21♌54.5	13♍22.5	03♍17.3	06♋25.3	10♈27.4	03♊29.1	26♐077	27♐143	07♑443	09♏56.4	14♓077
15 ago	9 36 26.4	22♌52.2	25♍08.9	05♍06.2	07♋19.1	10♈36.8	03♊36.3	26♐062	27♐133	07♑433	09♏57.3	14♓08.4
16 ago	9 40 23.0	23♌49.9	06♎57.3	06♍53.6	08♋13.5	10♈45.5	03♊43.4	26♐049	27♐123	07♑422	09♏58.2	14♓09.8
17 ago	9 44 19.6	24♌47.6	18♎51.1	08♍39.6	09♋08.4	10♈53.3	03♊50.4	26♐036	27♐114	07♑413	09♏59.2	14♓11.4
18 ago	9 48 16.1	25♌45.3	00♏54.4	10♍24.1	10♋03.8	11♈00.4	03♊57.2	26♐024	27♐105	07♑403	10♏00.2	14♓12.8
19 ago	9 52 12.7	26♌43.0	13♏11.2	12♍07.2	10♋59.8	11♈06.7	04♊03.9	26♐013	27♐096	07♑394	10♏01.2	14♓13.7
20 ago	9 56 9.2	27♌40.8	25♏46.0	13♍48.9	11♋56.2	11♈12.2	04♊10.4	26♐003	27♐088	07♑385	10♏02.2	14♓13.9
21 ago	10 0 5.8	28♌38.6	08♐42.9	15♍29.2	12♋53.0	11♈16.8	04♊16.7	25♐594	27♐081	07♑376	10♏03.3	14♓134
22 ago	10 4 2.3	29♌36.4	22♐05.2	17♍08.1	13♋50.4	11♈20.7	04♊22.9	25♐586	27♐073	07♑368	10♏04.4	14♓124
23 ago	10 7 58.9	00♍34.2	05♑54.8	18♍45.6	14♋48.2	11♈23.7	04♊28.9	25♐579	27♐067	07♑360	10♏05.5	14♓110
24 ago	10 11 55.4	01♍32.0	20♑11.5	20♍21.7	15♋46.4	11♈25.9	04♊34.8	25♐573	27♐061	07♑352	10♏06.7	14♓095
25 ago	10 15 52.0	02♍29.9	04♒52.5	21♍56.5	16♋45.0	11♈27.2	04♊40.5	25♐568	27♐055	07♑344	10♏07.9	14♓084
26 ago	10 19 48.5	03♍27.8	19♒52.3	23♍29.9	17♋44.1	11♈27.7	04♊46.0	25♐564	27♐050	07♑337	10♏09.1	14♓076
27 ago	10 23 45.1	04♍25.7	05♓02.8	25♍02.0	18♋43.5	11♈274	04♊51.4	25♐561	27♐045	07♑330	10♏10.4	14♓074
28 ago	10 27 41.7	05♍23.6	20♓14.7	26♍32.6	19♋43.4	11♈262	04♊56.6	25♐558	27♐041	07♑323	10♏11.7	14♓07.6
29 ago	10 31 38.2	06♍21.6	05♈18.6	28♍02.0	20♋43.6	11♈242	05♊01.6	25♐557	27♐037	07♑316	10♏13.0	14♓08.2
30 ago	10 35 34.8	07♍19.5	20♈06.2	29♍29.9	21♋44.2	11♈213	05♊06.5	25♐557	27♐034	07♑310	10♏14.4	14♓08.9
31 ago	10 39 31.3	08♍17.6	04♉31.9	00♎56.5	22♋45.2	11♈176	05♊11.2	25♐55.7	27♐031	07♑304	10♏15.7	14♓09.6

Declinação dos Astros

Tropical Ephemeris - segunda-feira, 01 ago 1988 at noon, Greenwich SVP = 05♓25.10 True Ayanamsa = 23d 41m 53s
Julian Day = 2447375.0

Decl.	Sidereal Time	Sun	Moon	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	N. Node
	h m s	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′
01 ago	8 41 14.7	17 n 53.4	00 s 26.4	19 n 56.5	18 n 52.0	01 s 21.7	19 n 35.1	22 s 20.6	23 s 38.0	22 s 13.0	00 n 28.2	06 s 08.5
02 ago	8 45 11.2	17 n 38.0	06 n 27.7	19 n 26.6	18 n 56.3	01 s 16.2	19 n 36.8	22 s 20.6	23 s 38.0	22 s 13.1	00 n 27.5	06 s 07.9
03 ago	8 49 7.8	17 n 22.4	12 n 52.8	18 n 54.7	19 n 00.6	01 s 11.0	19 n 38.5	22 s 20.7	23 s 38.0	22 s 13.2	00 n 26.8	06 s 07.3
04 ago	8 53 4.3	17 n 06.4	18 n 30.0	18 n 21.1	19 n 04.7	01 s 05.9	19 n 40.2	22 s 20.8	23 s 37.9	22 s 13.3	00 n 26.1	06 s 06.7
05 ago	8 57 0.9	16 n 50.2	23 n 03.1	17 n 45.8	19 n 08.7	01 s 01.2	19 n 41.8	22 s 20.9	23 s 37.9	22 s 13.4	00 n 25.4	06 s 06.5
06 ago	9 0 57.4	16 n 33.7	26 n 18.7	17 n 09.1	19 n 12.6	00 s 56.6	19 n 43.4	22 s 21.0	23 s 37.9	22 s 13.5	00 n 24.7	06 s 06.7
07 ago	9 4 54.0	16 n 16.9	28 n 07.6	16 n 31.1	19 n 16.2	00 s 52.3	19 n 44.9	22 s 21.1	23 s 37.8	22 s 13.6	00 n 24.0	06 s 07.5
08 ago	9 8 50.6	15 n 59.8	28 n 26.2	15 n 51.8	19 n 19.7	00 s 48.3	19 n 46.5	22 s 21.2	23 s 37.8	22 s 13.7	00 n 23.2	06 s 08.7
09 ago	9 12 47.1	15 n 42.5	27 n 17.6	15 n 11.6	19 n 23.0	00 s 44.5	19 n 47.9	22 s 21.3	23 s 37.8	22 s 13.8	00 n 22.5	06 s 10.1
10 ago	9 16 43.7	15 n 25.0	24 n 51.0	14 n 30.4	19 n 26.0	00 s 40.9	19 n 49.4	22 s 21.4	23 s 37.8	22 s 13.9	00 n 21.7	06 s 11.7
11 ago	9 20 40.2	15 n 07.2	21 n 19.4	13 n 48.5	19 n 28.8	00 s 37.6	19 n 50.8	22 s 21.6	23 s 37.7	22 s 14.0	00 n 20.9	06 s 13.0
12 ago	9 24 36.8	14 n 49.2	16 n 57.3	13 n 05.9	19 n 31.3	00 s 34.6	19 n 52.2	22 s 21.7	23 s 37.7	22 s 14.1	00 n 20.2	06 s 14.0
13 ago	9 28 33.3	14 n 30.9	11 n 58.5	12 n 22.7	19 n 33.5	00 s 31.8	19 n 53.5	22 s 21.8	23 s 37.7	22 s 14.2	00 n 19.4	06 s 14.6
14 ago	9 32 29.9	14 n 12.4	06 n 35.7	11 n 39.1	19 n 35.4	00 s 29.3	19 n 54.9	22 s 21.9	23 s 37.7	22 s 14.3	00 n 18.6	06 s 14.7
15 ago	9 36 26.4	13 n 53.6	00 n 59.9	10 n 55.0	19 n 37.1	00 s 27.0	19 n 56.1	22 s 22.0	23 s 37.7	22 s 14.4	00 n 17.8	06 s 14.5
16 ago	9 40 23.0	13 n 34.7	04 s 38.6	10 n 10.7	19 n 38.4	00 s 25.0	19 n 57.4	22 s 22.2	23 s 37.6	22 s 14.5	00 n 17.0	06 s 14.0
17 ago	9 44 19.6	13 n 15.5	10 s 10.1	09 n 26.1	19 n 39.3	00 s 23.2	19 n 58.6	22 s 22.3	23 s 37.6	22 s 14.6	00 n 16.2	06 s 13.3
18 ago	9 48 16.1	12 n 56.1	15 s 23.6	08 n 41.4	19 n 39.9	00 s 21.7	19 n 59.8	22 s 22.4	23 s 37.6	22 s 14.7	00 n 15.4	06 s 12.8
19 ago	9 52 12.7	12 n 36.5	20 s 06.6	07 n 56.6	19 n 40.2	00 s 20.5	20 n 00.9	22 s 22.6	23 s 37.6	22 s 14.8	00 n 14.6	06 s 12.4
20 ago	9 56 9.2	12 n 16.8	24 s 03.8	07 n 11.7	19 n 40.1	00 s 19.5	20 n 02.0	22 s 22.7	23 s 37.6	22 s 14.9	00 n 13.7	06 s 12.3
21 ago	10 0 5.8	11 n 56.8	26 s 56.7	06 n 26.9	19 n 39.6	00 s 18.7	20 n 03.1	22 s 22.8	23 s 37.5	22 s 14.9	00 n 12.9	06 s 12.5
22 ago	10 4 2.3	11 n 36.6	28 s 25.4	05 n 42.1	19 n 38.7	00 s 18.2	20 n 04.1	22 s 23.0	23 s 37.5	22 s 15.0	00 n 12.1	06 s 12.9
23 ago	10 7 58.9	11 n 16.3	28 s 12.5	04 n 57.5	19 n 37.4	00 s 18.0	20 n 05.1	22 s 23.1	23 s 37.5	22 s 15.1	00 n 11.2	06 s 13.5
24 ago	10 11 55.4	10 n 55.8	26 s 08.8	04 n 13.1	19 n 35.7	00 s 18.0	20 n 06.1	22 s 23.3	23 s 37.5	22 s 15.2	00 n 10.4	06 s 14.0
25 ago	10 15 52.0	10 n 35.1	22 s 17.6	03 n 28.9	19 n 33.6	00 s 18.3	20 n 07.0	22 s 23.4	23 s 37.5	22 s 15.3	00 n 09.5	06 s 14.5
26 ago	10 19 48.5	10 n 14.2	16 s 55.0	02 n 44.9	19 n 31.0	00 s 18.8	20 n 08.0	22 s 23.6	23 s 37.5	22 s 15.3	00 n 08.7	06 s 14.8
27 ago	10 23 45.1	09 n 53.2	10 s 26.1	02 n 01.2	19 n 28.0	00 s 19.5	20 n 08.8	22 s 23.7	23 s 37.5	22 s 15.4	00 n 07.8	06 s 14.9
28 ago	10 27 41.7	09 n 32.1	03 s 20.4	01 n 17.9	19 n 24.5	00 s 20.5	20 n 09.7	22 s 23.9	23 s 37.4	22 s 15.5	00 n 06.9	06 s 14.8
29 ago	10 31 38.2	09 n 10.7	03 n 52.4	00 n 35.0	19 n 20.6	00 s 21.8	20 n 10.5	22 s 24.1	23 s 37.4	22 s 15.6	00 n 06.0	06 s 14.6
30 ago	10 35 34.8	08 n 49.3	10 n 44.8	00 s 07.6	19 n 16.3	00 s 23.3	20 n 11.2	22 s 24.2	23 s 37.4	22 s 15.6	00 n 05.2	06 s 14.3
31 ago	10 39 31.3	08 n 27.7	16 n 52.7	00 s 49.7	19 n 11.5	00 s 25.0	20 n 12.0	22 s 24.4	23 s 37.4	22 s 15.7	00 n 04.3	06 s 14.0

SETEMBRO DE 1988

Longitude dos Astros

Tropical Ephemeris - quinta-feira, 01 set 1988 at noon, Greenwich SVP = 05♓25.01 True Ayanamsa = 23d 41m 58s
Julian Day = 2447406.0

Long.	Sidereal Time	Sun	Moon	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	N. Node
	h m s	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′
01 set	10 43 27.9	09♏15.6	18♉32.5	02♎21.7	23♋46.5	11♈131	05♊15.7	25♐55.9	27♐029	07♑299	10♒17.1	14♓10.2
02 set	10 47 24.4	10♏13.7	02♊07.2	03♎45.5	24♋48.1	11♈077	05♊20.0	25♐56.1	27♐028	07♑293	10♒18.6	14♓10.5
03 set	10 51 21.0	11♏11.8	15♊17.3	05♎07.8	25♋50.1	11♈014	05♊24.2	25♐56.5	27♐026	07♑288	10♒20.0	14♓10.7
04 set	10 55 17.5	12♏10.0	28♊05.5	06♎28.7	26♋52.4	10♈544	05♊28.1	25♐57.0	27♐026	07♑284	10♒21.5	14♓10.7
05 set	10 59 14.1	13♏08.1	10♋34.9	07♎48.0	27♋55.0	10♈465	05♊31.9	25♐57.5	27♐026	07♑279	10♒23.1	14♓10.8
06 set	11 3 10.7	14♏06.4	22♋49.4	09♎05.8	28♋58.0	10♈378	05♊35.5	25♐58.2	27♐02.6	07♑275	10♒24.6	14♓11.0
07 set	11 7 7.2	15♏04.6	04♌52.4	10♎22.0	00♌01.2	10♈283	05♊39.0	25♐58.9	27♐02.7	07♑271	10♒26.2	14♓11.4
08 set	11 11 3.8	16♏02.9	16♌47.3	11♎36.5	01♌04.7	10♈181	05♊42.2	25♐59.8	27♐02.8	07♑268	10♒27.8	14♓12.0
09 set	11 15 0.3	17♏01.2	28♌37.1	12♎49.2	02♌08.4	10♈072	05♊45.3	26♐00.7	27♐03.0	07♑265	10♒29.4	14♓12.6
10 set	11 18 56.9	17♏59.5	10♍24.3	14♎00.2	03♌12.5	09♈555	05♊48.1	26♐01.7	27♐03.2	07♑262	10♒31.1	14♓13.1
11 set	11 22 53.4	18♏57.9	22♍11.4	15♎09.2	04♌16.8	09♈432	05♊50.8	26♐02.9	27♐03.5	07♑259	10♒32.7	14♓13.3
12 set	11 26 50.0	19♏56.3	04♎00.7	16♎16.2	05♌21.4	09♈302	05♊53.3	26♐04.1	27♐03.9	07♑257	10♒34.4	14♓131
13 set	11 30 46.5	20♏54.7	15♎54.5	17♎21.1	06♌26.2	09♈166	05♊55.6	26♐05.4	27♐04.3	07♑255	10♒36.2	14♓125
14 set	11 34 43.1	21♏53.2	27♎55.0	18♎23.7	07♌31.3	09♈024	05♊57.7	26♐06.9	27♐04.7	07♑254	10♒37.9	14♓114
15 set	11 38 39.7	22♏51.7	10♏04.8	19♎23.9	08♌36.6	08♈477	05♊59.5	26♐08.4	27♐05.2	07♑253	10♒39.7	14♓102
16 set	11 42 36.2	23♏50.2	22♏26.7	20♎21.5	09♌42.1	08♈325	06♊01.2	26♐10.0	27♐05.8	07♑252	10♒41.5	14♓090
17 set	11 46 32.8	24♏48.8	05♐03.6	21♎16.4	10♌47.8	08♈168	06♊02.8	26♐11.7	27♐06.4	07♑251	10♒43.4	14♓080
18 set	11 50 29.3	25♏47.3	17♐58.8	22♎08.3	11♌53.8	08♈007	06♊04.1	26♐13.6	27♐07.0	07♑251	10♒45.2	14♓076
19 set	11 54 25.9	26♏46.0	01♑15.0	22♎57.0	13♌00.0	07♈443	06♊05.2	26♐15.5	27♐07.7	07♑25.1	10♒47.1	14♓07.9
20 set	11 58 22.4	27♏44.6	14♑54.4	23♎42.3	14♌06.4	07♈275	06♊06.1	26♐17.5	27♐08.5	07♑25.2	10♒49.0	14♓08.7
21 set	12 2 19.0	28♏43.2	28♑58.1	24♎23.9	15♌13.0	07♈105	06♊06.8	26♐19.6	27♐09.3	07♑25.2	10♒50.9	14♓10.0
22 set	12 6 15.5	29♏41.9	13♒25.3	25♎01.4	16♌19.9	06♈532	06♊07.3	26♐21.7	27♐10.2	07♑25.4	10♒52.8	14♓11.5
23 set	12 10 12.1	00♎40.6	28♒13.0	25♎34.7	17♌26.9	06♈357	06♊07.6	26♐24.0	27♐11.1	07♑25.5	10♒54.8	14♓12.7
24 set	12 14 8.7	01♎39.4	13♓15.5	26♎03.2	18♌34.1	06♈181	06♊07.7	26♐26.4	27♐12.0	07♑25.7	10♒56.8	14♓13.3
25 set	12 18 5.2	02♎38.2	28♓25.0	26♎26.7	19♌41.6	06♈005	06♊076	26♐28.9	27♐13.0	07♑25.9	10♒58.8	14♓129
26 set	12 22 1.8	03♎37.0	13♈32.2	26♎44.8	20♌49.2	05♈427	06♊074	26♐31.4	27♐14.1	07♑26.1	11♒00.8	14♓114
27 set	12 25 58.3	04♎35.8	28♈27.9	26♎57.0	21♌57.0	05♈250	06♊069	26♐34.1	27♐15.2	07♑26.4	11♒02.8	14♓088
28 set	12 29 54.9	05♎34.7	13♉04.2	27♎02.9	23♌05.0	05♈073	06♊062	26♐36.8	27♐16.3	07♑26.7	11♒04.9	14♓054
29 set	12 33 51.4	06♎33.6	27♉15.5	27♎022	24♌13.2	04♈497	06♊053	26♐39.6	27♐17.6	07♑27.1	11♒07.0	14♓017
30 set	12 37 48.0	07♎32.6	10♊59.0	26♎544	25♌21.5	04♈323	06♊042	26♐42.5	27♐18.8	07♑27.4	11♒09.1	13♓581

Declinação dos Astros

Tropical Ephemeris - quinta-feira, 01 set 1988 at noon, Greenwich SVP = 05♓25.01 True Ayanamsa = 23d 41m 58s
Julian Day = 2447406.0

Decl.	Sidereal Time	Sun	Moon	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	N. Node
	h m s	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′
01 set	10 43 27.9	08 n 05.9	21 n 56.1	01 s 31.3	19 n 06.2	00 s 26.9	20 n 12.7	22 s 24.6	23 s 37.4	22 s 15.8	00 n 03.4	06 s 13.8
02 set	10 47 24.4	07 n 44.0	25 n 39.7	02 s 12.3	19 n 00.4	00 s 29.1	20 n 13.3	22 s 24.8	23 s 37.4	22 s 15.9	00 n 02.5	06 s 13.7
03 set	10 51 21.0	07 n 22.0	27 n 53.4	02 s 52.9	18 n 54.1	00 s 31.4	20 n 14.0	22 s 25.0	23 s 37.4	22 s 15.9	00 n 01.6	06 s 13.6
04 set	10 55 17.5	06 n 59.9	28 n 34.0	03 s 32.8	18 n 47.4	00 s 34.0	20 n 14.6	22 s 25.1	23 s 37.4	22 s 16.0	00 n 00.7	06 s 13.6
05 set	10 59 14.1	06 n 37.6	27 n 44.8	04 s 12.1	18 n 40.2	00 s 36.8	20 n 15.1	22 s 25.3	23 s 37.4	22 s 16.0	00 s 00.2	06 s 13.5
06 set	11 3 10.7	06 n 15.3	25 n 35.2	04 s 50.7	18 n 32.4	00 s 39.8	20 n 15.7	22 s 25.5	23 s 37.4	22 s 16.1	00 s 01.1	06 s 13.5
07 set	11 7 7.2	05 n 52.8	22 n 18.1	05 s 28.6	18 n 24.3	00 s 43.0	20 n 16.2	22 s 25.7	23 s 37.4	22 s 16.2	00 s 02.0	06 s 13.3
08 set	11 11 3.8	05 n 30.2	18 n 07.6	06 s 05.7	18 n 15.6	00 s 46.4	20 n 16.6	22 s 25.9	23 s 37.4	22 s 16.2	00 s 02.9	06 s 13.1
09 set	11 15 0.3	05 n 07.6	13 n 17.1	06 s 42.0	18 n 06.4	00 s 49.9	20 n 17.1	22 s 26.1	23 s 37.4	22 s 16.3	00 s 03.8	06 s 12.9
10 set	11 18 56.9	04 n 44.8	07 n 59.1	07 s 17.4	17 n 56.7	00 s 53.6	20 n 17.5	22 s 26.3	23 s 37.4	22 s 16.3	00 s 04.7	06 s 12.7
11 set	11 22 53.4	04 n 22.0	02 n 24.8	07 s 52.0	17 n 46.6	00 s 57.4	20 n 17.8	22 s 26.5	23 s 37.4	22 s 16.4	00 s 05.7	06 s 12.6
12 set	11 26 50.0	03 n 59.1	03 s 15.1	08 s 25.5	17 n 35.9	01 s 01.3	20 n 18.2	22 s 26.7	23 s 37.4	22 s 16.5	00 s 06.6	06 s 12.7
13 set	11 30 46.5	03 n 36.1	08 s 50.2	08 s 58.0	17 n 24.8	01 s 05.3	20 n 18.5	22 s 26.9	23 s 37.4	22 s 16.5	00 s 07.5	06 s 12.9
14 set	11 34 43.1	03 n 13.1	14 s 09.3	09 s 29.4	17 n 13.1	01 s 09.5	20 n 18.7	22 s 27.1	23 s 37.4	22 s 16.6	00 s 08.4	06 s 13.3
15 set	11 38 39.7	02 n 50.0	18 s 59.9	09 s 59.7	17 n 01.0	01 s 13.7	20 n 18.9	22 s 27.3	23 s 37.4	22 s 16.6	00 s 09.4	06 s 13.8
16 set	11 42 36.2	02 n 26.8	23 s 07.7	10 s 28.6	16 n 48.5	01 s 17.9	20 n 19.1	22 s 27.5	23 s 37.4	22 s 16.6	00 s 10.3	06 s 14.3
17 set	11 46 32.8	02 n 03.7	26 s 16.5	10 s 56.2	16 n 35.4	01 s 22.3	20 n 19.3	22 s 27.8	23 s 37.5	22 s 16.7	00 s 11.2	06 s 14.6
18 set	11 50 29.3	01 n 40.4	28 s 08.7	11 s 22.3	16 n 21.8	01 s 26.6	20 n 19.4	22 s 28.0	23 s 37.5	22 s 16.7	00 s 12.1	06 s 14.8
19 set	11 54 25.9	01 n 17.1	28 s 28.9	11 s 46.9	16 n 07.8	01 s 30.9	20 n 19.5	22 s 28.2	23 s 37.5	22 s 16.8	00 s 13.1	06 s 14.7
20 set	11 58 22.4	00 n 53.8	27 s 06.9	12 s 09.8	15 n 53.4	01 s 35.3	20 n 19.6	22 s 28.4	23 s 37.5	22 s 16.8	00 s 14.0	06 s 14.4
21 set	12 2 19.0	00 n 30.5	24 s 01.7	12 s 30.8	15 n 38.4	01 s 39.6	20 n 19.6	22 s 28.6	23 s 37.5	22 s 16.8	00 s 14.9	06 s 13.8
22 set	12 6 15.5	00 n 07.2	19 s 22.5	12 s 49.9	15 n 23.0	01 s 43.9	20 n 19.6	22 s 28.9	23 s 37.5	22 s 16.9	00 s 15.8	06 s 13.3
23 set	12 10 12.1	00 s 16.2	13 s 27.0	13 s 06.9	15 n 07.1	01 s 48.1	20 n 19.6	22 s 29.1	23 s 37.5	22 s 16.9	00 s 16.8	06 s 12.8
24 set	12 14 8.7	00 s 39.5	06 s 39.0	13 s 21.5	14 n 50.8	01 s 52.2	20 n 19.5	22 s 29.3	23 s 37.6	22 s 16.9	00 s 17.7	06 s 12.6
25 set	12 18 5.2	01 s 02.9	00 n 34.2	13 s 33.7	14 n 34.1	01 s 56.3	20 n 19.4	22 s 29.5	23 s 37.6	22 s 17.0	00 s 18.6	06 s 12.7
26 set	12 22 1.8	01 s 26.3	07 n 44.0	13 s 43.1	14 n 16.9	02 s 00.3	20 n 19.3	22 s 29.8	23 s 37.6	22 s 17.0	00 s 19.5	06 s 13.3
27 set	12 25 58.3	01 s 49.6	14 n 22.3	13 s 49.6	13 n 59.2	02 s 04.2	20 n 19.1	22 s 30.0	23 s 37.6	22 s 17.0	00 s 20.5	06 s 14.3
28 set	12 29 54.9	02 s 13.0	20 n 03.5	13 s 52.8	13 n 41.2	02 s 07.9	20 n 18.9	22 s 30.2	23 s 37.6	22 s 17.1	00 s 21.4	06 s 15.6
29 set	12 33 51.4	02 s 36.3	24 n 26.5	13 s 52.7	13 n 22.7	02 s 11.5	20 n 18.6	22 s 30.5	23 s 37.7	22 s 17.1	00 s 22.3	06 s 17.1
30 set	12 37 48.0	02 s 59.6	27 n 16.9	13 s 48.8	13 n 03.8	02 s 15.0	20 n 18.4	22 s 30.7	23 s 37.7	22 s 17.1	00 s 23.2	06 s 18.4

OUTUBRO DE 1988

Longitude dos Astros

Tropical Ephemeris - s♅bado, 01 out 1988 at noon, Greenwich SVP = 05♓24.92 True Ayanamsa = 23d 42m 04s
Julian Day = 2447436.0

Long.	Sidereal Time	Sun	Moon	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	N. Node
	h m s	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′
01 out	12 41 44.5	08♎31.6	24♊14.9	26♎393	26♌30.1	04♈150	06♊029	26♐45.5	27♐20.1	07♑27.8	11♏11.2	13♓552
02 out	12 45 41.1	09♎30.6	07♋05.3	26♎165	27♌38.8	03♈579	06♊014	26♐48.6	27♐21.5	07♑28.3	11♏13.3	13♓533
03 out	12 49 37.7	10♎29.6	19♋33.7	25♎460	28♌47.7	03♈412	05♊597	26♐51.8	27♐22.9	07♑28.8	11♏15.5	13♓527
04 out	12 53 34.2	11♎28.8	01♌44.8	25♎077	29♌56.7	03♈247	05♊578	26♐55.1	27♐24.3	07♑29.3	11♏17.6	13♓53.3
05 out	12 57 30.8	12♎27.9	13♌43.2	24♎218	01♍05.9	03♈087	05♊557	26♐58.4	27♐25.8	07♑29.8	11♏19.8	13♓54.7
06 out	13 1 27.3	13♎27.1	25♌33.7	23♎288	02♍15.3	02♈530	05♊534	27♐01.8	27♐27.4	07♑30.4	11♏22.0	13♓56.3
07 out	13 5 23.9	14♎26.3	07♍20.4	22♎295	03♍24.8	02♈378	05♊509	27♐05.4	27♐29.0	07♑31.0	11♏24.2	13♓57.5
08 out	13 9 20.4	15♎25.6	19♍07.2	21♎248	04♍34.4	02♈231	05♊482	27♐09.0	27♐30.6	07♑31.6	11♏26.5	13♓57.6
09 out	13 13 17.0	16♎24.9	00♎57.2	20♎161	05♍44.2	02♈089	05♊453	27♐12.7	27♐32.3	07♑32.3	11♏28.7	13♓562
10 out	13 17 13.5	17♎24.2	12♎52.9	19♎050	06♍54.2	01♈553	05♊422	27♐16.4	27♐34.0	07♑33.0	11♏31.0	13♓530
11 out	13 21 10.1	18♎23.6	24♎56.4	17♎534	08♍04.3	01♈422	05♊390	27♐20.3	27♐35.8	07♑33.7	11♏33.2	13♓482
12 out	13 25 6.7	19♎22.9	07♏09.2	16♎432	09♍14.5	01♈298	05♊355	27♐24.2	27♐37.6	07♑34.5	11♏35.5	13♓421
13 out	13 29 3.2	20♎22.4	19♏32.5	15♎364	10♍24.8	01♈181	05♊318	27♐28.2	27♐39.5	07♑35.3	11♏37.8	13♓355
14 out	13 32 59.8	21♎21.8	02♐07.3	14♎351	11♍35.3	01♈070	05♊280	27♐32.3	27♐41.4	07♑36.1	11♏40.1	13♓291
15 out	13 36 56.3	22♎21.3	14♐54.7	13♎410	12♍45.9	00♈567	05♊239	27♐36.5	27♐43.4	07♑37.0	11♏42.4	13♓237
16 out	13 40 52.9	23♎20.9	27♐56.2	12♎557	13♍56.6	00♈471	05♊197	27♐40.7	27♐45.4	07♑37.9	11♏44.8	13♓198
17 out	13 44 49.4	24♎20.4	11♑13.2	12♎202	15♍07.5	00♈382	05♊153	27♐45.0	27♐47.4	07♑38.8	11♏47.1	13♓177
18 out	13 48 46.0	25♎20.0	24♑46.9	11♎553	16♍18.4	00♈301	05♊107	27♐49.4	27♐49.5	07♑39.8	11♏49.4	13♓173
19 out	13 52 42.5	26♎19.6	08♒38.6	11♎417	17♍29.5	00♈228	05♊060	27♐53.9	27♐51.7	07♑40.8	11♏51.8	13♓18.1
20 out	13 56 39.1	27♎19.2	22♒48.7	11♎392	18♍40.7	00♈163	05♊010	27♐58.4	27♐53.9	07♑41.8	11♏54.2	13♓19.3
21 out	14 0 35.7	28♎18.9	07♓16.0	11♎47.8	19♍52.0	00♈106	04♊560	28♐03.0	27♐56.1	07♑42.9	11♏56.5	13♓20.0
22 out	14 4 32.2	29♎18.6	21♓57.9	12♎07.0	21♍03.4	00♈056	04♊507	28♐07.7	27♐58.3	07♑43.9	11♏58.9	13♓194
23 out	14 8 28.8	00♏18.3	06♈49.4	12♎36.2	22♍14.9	00♈015	04♊453	28♐12.5	28♐00.6	07♑45.0	12♏01.3	13♓169
24 out	14 12 25.3	01♏18.1	21♈43.3	13♎14.6	23♍26.6	29♓58.1	04♊397	28♐17.3	28♐03.0	07♑46.2	12♏03.7	13♓120
25 out	14 16 21.9	02♏17.9	06♉31.6	14♎01.5	24♍38.3	29♓556	04♊339	28♐22.2	28♐05.4	07♑47.4	12♏06.1	13♓050
26 out	14 20 18.4	03♏17.7	21♉05.9	14♎56.0	25♍50.2	29♓538	04♊280	28♐27.2	28♐07.8	07♑48.6	12♏08.5	12♓564
27 out	14 24 15.0	04♏17.5	05♊19.4	15♎57.2	27♍02.1	29♓529	04♊220	28♐32.2	28♐10.2	07♑49.8	12♏10.9	12♓470
28 out	14 28 11.5	05♏17.4	19♊07.6	17♎04.4	28♍14.2	29♓527	04♊158	28♐37.3	28♐12.7	07♑51.0	12♏13.3	12♓379
29 out	14 32 8.1	06♏17.4	02♋28.6	18♎16.8	29♍26.3	29♓53.3	04♊095	28♐42.4	28♐15.3	07♑52.3	12♏15.7	12♓299
30 out	14 36 4.6	07♏17.3	15♋23.3	19♎33.6	00♎38.6	29♓54.7	04♊030	28♐47.7	28♐17.8	07♑53.6	12♏18.2	12♓238
31 out	14 40 1.2	08♏17.3	27♋54.5	20♎54.2	01♎50.9	29♓56.9	03♊564	28♐52.9	28♐20.5	07♑55.0	12♏20.6	12♓200

Declinação dos Astros

Tropical Ephemeris - s♅bado, 01 out 1988 at noon, Greenwich SVP = 05♓24.92 True Ayanamsa = 23d 42m 04s
Julian Day = 2447436.0

Decl.	Sidereal Time	Sun	Moon	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	N. Node
	h m s	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′
01 out	12 41 44.5	03 s 22.9	28 n 28.5	13 s 41.1	12 n 44.5	02 s 18.3	20 n 18.1	22 s 30.9	23 s 37.7	22 s 17.1	00 s 24.1	06 s 19.6
02 out	12 45 41.1	03 s 46.1	28 n 04.2	13 s 29.1	12 n 24.8	02 s 21.4	20 n 17.7	22 s 31.1	23 s 37.7	22 s 17.1	00 s 25.0	06 s 20.3
03 out	12 49 37.7	04 s 09.3	26 n 14.1	13 s 12.8	12 n 04.7	02 s 24.3	20 n 17.3	22 s 31.4	23 s 37.8	22 s 17.1	00 s 25.9	06 s 20.5
04 out	12 53 34.2	04 s 32.4	23 n 12.4	12 s 52.0	11 n 44.2	02 s 27.0	20 n 16.9	22 s 31.6	23 s 37.8	22 s 17.2	00 s 26.8	06 s 20.3
05 out	12 57 30.8	04 s 55.5	19 n 14.1	12 s 26.6	11 n 23.3	02 s 29.5	20 n 16.5	22 s 31.8	23 s 37.8	22 s 17.2	00 s 27.8	06 s 19.7
06 out	13 1 27.3	05 s 18.6	14 n 33.4	11 s 56.8	11 n 02.1	02 s 31.8	20 n 16.0	22 s 32.1	23 s 37.8	22 s 17.2	00 s 28.7	06 s 19.1
07 out	13 5 23.9	05 s 41.5	09 n 22.4	11 s 22.8	10 n 40.5	02 s 33.8	20 n 15.5	22 s 32.3	23 s 37.9	22 s 17.2	00 s 29.6	06 s 18.7
08 out	13 9 20.4	06 s 04.4	03 n 52.2	10 s 45.0	10 n 18.6	02 s 35.6	20 n 15.0	22 s 32.5	23 s 37.9	22 s 17.2	00 s 30.4	06 s 18.6
09 out	13 13 17.0	06 s 27.3	01 s 47.1	10 s 04.0	09 n 56.3	02 s 37.1	20 n 14.4	22 s 32.8	23 s 37.9	22 s 17.2	00 s 31.3	06 s 19.2
10 out	13 17 13.5	06 s 50.0	07 s 25.0	09 s 20.5	09 n 33.7	02 s 38.4	20 n 13.8	22 s 33.0	23 s 38.0	22 s 17.2	00 s 32.2	06 s 20.4
11 out	13 21 10.1	07 s 12.6	12 s 50.3	08 s 35.6	09 n 10.8	02 s 39.3	20 n 13.2	22 s 33.2	23 s 38.0	22 s 17.2	00 s 33.1	06 s 22.2
12 out	13 25 6.7	07 s 35.2	17 s 50.2	07 s 50.2	08 n 47.6	02 s 40.0	20 n 12.5	22 s 33.4	23 s 38.0	22 s 17.2	00 s 34.0	06 s 24.6
13 out	13 29 3.2	07 s 57.6	22 s 09.9	07 s 05.6	08 n 24.0	02 s 40.4	20 n 11.8	22 s 33.7	23 s 38.1	22 s 17.2	00 s 34.9	06 s 27.1
14 out	13 32 59.8	08 s 20.0	25 s 33.2	06 s 22.9	08 n 00.2	02 s 40.6	20 n 11.1	22 s 33.9	23 s 38.1	22 s 17.2	00 s 35.7	06 s 29.6
15 out	13 36 56.3	08 s 42.2	27 s 43.3	05 s 43.1	07 n 36.1	02 s 40.4	20 n 10.3	22 s 34.1	23 s 38.1	22 s 17.2	00 s 36.6	06 s 31.7
16 out	13 40 52.9	09 s 04.2	28 s 25.7	05 s 07.2	07 n 11.8	02 s 39.9	20 n 09.5	22 s 34.3	23 s 38.2	22 s 17.2	00 s 37.5	06 s 33.2
17 out	13 44 49.4	09 s 26.2	27 s 31.3	04 s 36.0	06 n 47.2	02 s 39.1	20 n 08.7	22 s 34.5	23 s 38.2	22 s 17.1	00 s 38.3	06 s 34.0
18 out	13 48 46.0	09 s 48.0	24 s 59.0	04 s 10.1	06 n 22.3	02 s 38.0	20 n 07.9	22 s 34.8	23 s 38.2	22 s 17.1	00 s 39.2	06 s 34.1
19 out	13 52 42.5	10 s 09.7	20 s 56.3	03 s 49.8	05 n 57.2	02 s 36.6	20 n 07.0	22 s 35.0	23 s 38.3	22 s 17.1	00 s 40.0	06 s 33.8
20 out	13 56 39.1	10 s 31.2	15 s 37.4	03 s 35.4	05 n 31.8	02 s 35.0	20 n 06.1	22 s 35.2	23 s 38.3	22 s 17.1	00 s 40.8	06 s 33.3
21 out	14 0 35.7	10 s 52.6	09 s 20.7	03 s 26.7	05 n 06.3	02 s 33.0	20 n 05.1	22 s 35.4	23 s 38.3	22 s 17.1	00 s 41.7	06 s 33.1
22 out	14 4 32.2	11 s 13.8	02 s 28.1	03 s 23.7	04 n 40.5	02 s 30.7	20 n 04.1	22 s 35.6	23 s 38.4	22 s 17.0	00 s 42.5	06 s 33.3
23 out	14 8 28.8	11 s 34.8	04 n 36.2	03 s 26.1	04 n 14.6	02 s 28.1	20 n 03.1	22 s 35.8	23 s 38.4	22 s 17.0	00 s 43.3	06 s 34.3
24 out	14 12 25.3	11 s 55.6	11 n 26.2	03 s 33.5	03 n 48.4	02 s 25.2	20 n 02.1	22 s 36.0	23 s 38.4	22 s 17.0	00 s 44.1	06 s 36.1
25 out	14 16 21.9	12 s 16.3	17 n 35.0	03 s 45.6	03 n 22.1	02 s 22.1	20 n 01.1	22 s 36.2	23 s 38.5	22 s 17.0	00 s 44.9	06 s 38.8
26 out	14 20 18.4	12 s 36.8	22 n 36.8	04 s 01.8	02 n 55.6	02 s 18.7	19 n 60.0	22 s 36.4	23 s 38.5	22 s 16.9	00 s 45.7	06 s 42.1
27 out	14 24 15.0	12 s 57.1	26 n 10.6	04 s 21.8	02 n 29.0	02 s 15.0	19 n 58.9	22 s 36.6	23 s 38.5	22 s 16.9	00 s 46.5	06 s 45.7
28 out	14 28 11.5	13 s 17.2	28 n 03.5	04 s 45.1	02 n 02.2	02 s 11.0	19 n 57.7	22 s 36.8	23 s 38.6	22 s 16.9	00 s 47.3	06 s 49.2
29 out	14 32 8.1	13 s 37.1	28 n 13.6	05 s 11.3	01 n 35.3	02 s 06.7	19 n 56.6	22 s 36.9	23 s 38.6	22 s 16.8	00 s 48.1	06 s 52.3
30 out	14 36 4.6	13 s 56.7	26 n 49.4	05 s 40.0	01 n 08.2	02 s 02.2	19 n 55.4	22 s 37.1	23 s 38.6	22 s 16.8	00 s 48.8	06 s 54.6
31 out	14 40 1.2	14 s 16.2	24 n 06.2	06 s 10.7	00 n 41.1	01 s 57.4	19 n 54.1	22 s 37.3	23 s 38.7	22 s 16.7	00 s 49.6	06 s 56.0

NOVEMBRO DE 1988

Longitude dos Astros

Tropical Ephemeris - terΨa-feira, 01 nov 1988 at noon, Greenwich SVP = 05♐24.83 True Ayanamsa = 23d 42m 09s
Julian Day = 2447467.0

Long.	Sidereal Time	Sun	Moon	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	N. Node
	h m s	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′
01 nov	14 43 57.8	09♏17.3	10♌06.7	22♎18.0	03♎03.3	29♐59.9	03♊497	28♑58.3	28♑23.1	07♒56.4	12♏23.0	12♐183
02 nov	14 47 54.3	10♏17.4	22♌04.9	23♎44.4	04♎15.9	00♈03.6	03♊428	29♑03.7	28♑25.8	07♒57.8	12♏25.4	12♐181
03 nov	14 51 50.9	11♏17.5	03♍54.7	25♎13.2	05♎28.5	00♈08.1	03♊358	29♑09.2	28♑28.5	07♒59.2	12♏27.9	12♐18.7
04 nov	14 55 47.4	12♏17.7	15♍41.2	26♎43.7	06♎41.2	00♈13.3	03♊287	29♑14.7	28♑31.3	08♒00.6	12♏30.3	12♐18.8
05 nov	14 59 44.0	13♏17.8	27♍29.4	28♎15.8	07♎54.0	00♈19.3	03♊215	29♑20.3	28♑34.0	08♒02.1	12♏32.7	12♐175
06 nov	15 3 40.5	14♏18.0	09♎23.6	29♎49.0	09♎06.8	00♈26.0	03♊142	29♑25.9	28♑36.9	08♒03.6	12♏35.2	12♐140
07 nov	15 7 37.1	15♏18.3	21♎27.1	01♏23.2	10♎19.8	00♈33.4	03♊068	29♑31.6	28♑39.7	08♒05.2	12♏37.6	12♐079
08 nov	15 11 33.6	16♏18.5	03♏42.3	02♏58.2	11♎32.8	00♈41.6	02♊593	29♑37.4	28♑42.6	08♒06.7	12♏40.0	11♐593
09 nov	15 15 30.2	17♏18.8	16♏10.6	04♏33.6	12♎45.9	00♈50.5	02♊517	29♑43.2	28♑45.5	08♒08.3	12♏42.5	11♐487
10 nov	15 19 26.8	18♏19.2	28♏52.4	06♏09.5	13♎59.0	01♈00.1	02♊440	29♑49.1	28♑48.5	08♒09.9	12♏44.9	11♐372
11 nov	15 23 23.3	19♏19.5	11♑47.3	07♏45.7	15♎12.3	01♈10.4	02♊363	29♑55.0	28♑51.4	08♒11.5	12♏47.3	11♐258
12 nov	15 27 19.9	20♏19.9	24♑54.5	09♏22.0	16♎25.5	01♈21.3	02♊284	00♒00.9	28♑54.5	08♒13.2	12♏49.7	11♐158
13 nov	15 31 16.4	21♏20.3	08♒13.0	10♏58.5	17♎38.9	01♈32.9	02♊205	00♒07.0	28♑57.5	08♒14.9	12♏52.1	11♐078
14 nov	15 35 13.0	22♏20.8	21♒42.1	12♏34.9	18♎52.3	01♈45.2	02♊126	00♒13.0	29♑00.6	08♒16.6	12♏54.5	11♐024
15 nov	15 39 9.5	23♏21.2	05♓21.4	14♏11.3	20♎05.8	01♈58.1	02♊046	00♒19.1	29♑03.6	08♒18.3	12♏56.9	10♐595
16 nov	15 43 6.1	24♏21.7	19♓10.8	15♏47.7	21♎19.3	02♈11.6	01♊566	00♒25.3	29♑06.8	08♒20.0	12♏59.3	10♐585
17 nov	15 47 2.6	25♏22.2	03♐10.6	17♏23.9	22♎32.9	02♈25.8	01♊485	00♒31.5	29♑09.9	08♒21.8	13♏01.7	10♐585
18 nov	15 50 59.2	26♏22.7	17♐20.6	19♏00.0	23♎46.6	02♈40.5	01♊404	00♒37.8	29♑13.1	08♒23.6	13♏04.1	10♐582
19 nov	15 54 55.8	27♏23.2	01♈39.8	20♏36.0	25♎00.3	02♈55.9	01♊322	00♒44.0	29♑16.3	08♒25.4	13♏06.5	10♐565
20 nov	15 58 52.3	28♏23.8	16♈05.7	22♏11.8	26♎14.0	03♈11.8	01♊241	00♒50.4	29♑19.5	08♒27.2	13♏08.9	10♐526
21 nov	16 2 48.9	29♏24.4	00♉34.4	23♏47.4	27♎27.9	03♈28.2	01♊159	00♒56.7	29♑22.8	08♒29.1	13♏11.2	10♐458
22 nov	16 6 45.4	00♑25.0	15♉00.3	25♏22.9	28♎41.7	03♈45.2	01♊077	01♒03.2	29♑26.0	08♒31.0	13♏13.6	10♐364
23 nov	16 10 42.0	01♑25.6	29♉17.1	26♏58.2	29♎55.6	04♈02.7	00♊595	01♒09.6	29♑29.3	08♒32.8	13♏15.9	10♐249
24 nov	16 14 38.5	02♑26.3	13♊18.7	28♏33.3	01♏09.6	04♈20.7	00♊513	01♒16.1	29♑32.6	08♒34.8	13♏18.2	10♐123
25 nov	16 18 35.1	03♑26.9	27♊00.2	00♑08.3	02♏23.6	04♈39.3	00♊432	01♒22.6	29♑36.0	08♒36.7	13♏20.6	09♐597
26 nov	16 22 31.6	04♑27.6	10♋18.7	01♑43.1	03♏37.7	04♈58.3	00♊350	01♒29.2	29♑39.3	08♒38.6	13♏22.9	09♐484
27 nov	16 26 28.2	05♑28.3	23♋13.5	03♑17.8	04♏51.8	05♈17.8	00♊269	01♒35.8	29♑42.7	08♒40.6	13♏25.2	09♐394
28 nov	16 30 24.8	06♑29.1	05♌46.2	04♑52.4	06♏06.0	05♈37.7	00♊188	01♒42.4	29♑46.1	08♒42.6	13♏27.4	09♐330
29 nov	16 34 21.3	07♑29.9	18♌00.1	06♑26.9	07♏20.2	05♈58.1	00♊107	01♒49.1	29♑49.5	08♒44.6	13♏29.7	09♐294
30 nov	16 38 17.9	08♑30.7	29♌59.7	08♑01.2	08♏34.5	06♈18.9	00♊027	01♒55.8	29♑52.9	08♒46.6	13♏32.0	09♐278

Declinação dos Astros

Tropical Ephemeris - terΨa-feira, 01 nov 1988 at noon, Greenwich SVP = 05♐24.83 True Ayanamsa = 23d 42m 09s
Julian Day = 2447467.0

Decl.	Sidereal Time	Sun	Moon	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	N. Node
	h m s	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′
01 nov	14 43 57.8	14 s 35.4	20 n 21.1	06 s 43.1	00 n 13.9	01 s 52.4	19 n 52.9	22 s 37.5	23 s 38.7	22 s 16.7	00 s 50.4	06 s 56.7
02 nov	14 47 54.3	14 s 54.4	15 n 50.2	07 s 17.0	00 s 13.5	01 s 47.1	19 n 51.6	22 s 37.6	23 s 38.7	22 s 16.6	00 s 51.1	06 s 56.7
03 nov	14 51 50.9	15 s 13.1	10 n 47.0	07 s 52.0	00 s 40.9	01 s 41.5	19 n 50.4	22 s 37.8	23 s 38.8	22 s 16.6	00 s 51.8	06 s 56.5
04 nov	14 55 47.4	15 s 31.6	05 n 22.5	08 s 27.9	01 s 08.3	01 s 35.7	19 n 49.0	22 s 38.0	23 s 38.8	22 s 16.5	00 s 52.6	06 s 56.5
05 nov	14 59 44.0	15 s 49.9	00 s 13.3	09 s 04.4	01 s 35.8	01 s 29.7	19 n 47.7	22 s 38.1	23 s 38.8	22 s 16.5	00 s 53.3	06 s 57.0
06 nov	15 3 40.5	16 s 07.9	05 s 51.0	09 s 41.4	02 s 03.4	01 s 23.4	19 n 46.4	22 s 38.3	23 s 38.9	22 s 16.4	00 s 54.0	06 s 58.3
07 nov	15 7 37.1	16 s 25.6	11 s 20.3	10 s 18.7	02 s 30.9	01 s 16.9	19 n 45.0	22 s 38.4	23 s 38.9	22 s 16.4	00 s 54.7	07 s 00.7
08 nov	15 11 33.6	16 s 43.0	16 s 28.7	10 s 56.1	02 s 58.5	01 s 10.1	19 n 43.6	22 s 38.5	23 s 38.9	22 s 16.3	00 s 55.4	07 s 03.9
09 nov	15 15 30.2	17 s 00.2	21 s 01.6	11 s 33.4	03 s 26.1	01 s 03.2	19 n 42.2	22 s 38.7	23 s 38.9	22 s 16.2	00 s 56.1	07 s 08.0
10 nov	15 19 26.8	17 s 17.0	24 s 41.9	12 s 10.7	03 s 53.6	00 s 56.0	19 n 40.7	22 s 38.8	23 s 39.0	22 s 16.2	00 s 56.8	07 s 12.4
11 nov	15 23 23.3	17 s 33.6	27 s 11.4	12 s 47.7	04 s 21.1	00 s 48.5	19 n 39.3	22 s 38.9	23 s 39.0	22 s 16.1	00 s 57.4	07 s 16.7
12 nov	15 27 19.9	17 s 49.9	28 s 14.2	13 s 24.3	04 s 48.6	00 s 40.9	19 n 37.8	22 s 39.0	23 s 39.0	22 s 16.0	00 s 58.1	07 s 20.5
13 nov	15 31 16.4	18 s 05.8	27 s 40.2	14 s 00.5	05 s 16.1	00 s 33.0	19 n 36.4	22 s 39.1	23 s 39.1	22 s 16.0	00 s 58.7	07 s 23.5
14 nov	15 35 13.0	18 s 21.5	25 s 28.6	14 s 36.2	05 s 43.4	00 s 25.0	19 n 34.9	22 s 39.3	23 s 39.1	22 s 15.9	00 s 59.4	07 s 25.6
15 nov	15 39 9.5	18 s 36.8	21 s 47.5	15 s 11.4	06 s 10.7	00 s 16.7	19 n 33.4	22 s 39.4	23 s 39.1	22 s 15.8	00 s 60.0	07 s 26.7
16 nov	15 43 6.1	18 s 51.7	16 s 51.6	15 s 45.9	06 s 37.9	00 s 08.3	19 n 31.9	22 s 39.4	23 s 39.1	22 s 15.7	01 s 00.6	07 s 27.0
17 nov	15 47 2.6	19 s 06.4	10 s 58.9	16 s 19.8	07 s 05.0	00 n 00.3	19 n 30.4	22 s 39.5	23 s 39.2	22 s 15.7	01 s 01.2	07 s 27.1
18 nov	15 50 59.2	19 s 20.7	04 s 29.0	16 s 53.0	07 s 32.0	00 n 09.1	19 n 28.8	22 s 39.6	23 s 39.2	22 s 15.6	01 s 01.8	07 s 27.2
19 nov	15 54 55.8	19 s 34.6	02 n 18.1	17 s 25.4	07 s 58.9	00 n 18.1	19 n 27.3	22 s 39.7	23 s 39.2	22 s 15.5	01 s 02.4	07 s 27.8
20 nov	15 58 52.3	19 s 48.2	09 n 00.8	17 s 57.0	08 s 25.6	00 n 27.3	19 n 25.8	22 s 39.8	23 s 39.2	22 s 15.4	01 s 03.0	07 s 29.3
21 nov	16 2 48.9	20 s 01.5	15 n 16.1	18 s 27.7	08 s 52.1	00 n 36.6	19 n 24.2	22 s 39.8	23 s 39.2	22 s 15.3	01 s 03.5	07 s 31.8
22 nov	16 6 45.4	20 s 14.3	20 n 39.5	18 s 57.6	09 s 18.5	00 n 46.1	19 n 22.7	22 s 39.9	23 s 39.3	22 s 15.2	01 s 04.1	07 s 35.4
23 nov	16 10 42.0	20 s 26.8	24 n 47.6	19 s 26.6	09 s 44.7	00 n 55.7	19 n 21.1	22 s 39.9	23 s 39.3	22 s 15.1	01 s 04.6	07 s 39.8
24 nov	16 14 38.5	20 s 39.0	27 n 21.5	19 s 54.6	10 s 10.8	01 n 05.5	19 n 19.6	22 s 40.0	23 s 39.3	22 s 15.0	01 s 05.2	07 s 44.5
25 nov	16 18 35.1	20 s 50.7	28 n 11.9	20 s 21.7	10 s 36.6	01 n 15.4	19 n 18.0	22 s 40.0	23 s 39.3	22 s 14.9	01 s 05.7	07 s 49.3
26 nov	16 22 31.6	21 s 02.1	27 n 21.2	20 s 47.8	11 s 02.2	01 n 25.5	19 n 16.5	22 s 40.0	23 s 39.3	22 s 14.8	01 s 06.2	07 s 53.5
27 nov	16 26 28.2	21 s 13.0	25 n 02.3	21 s 12.9	11 s 27.6	01 n 35.7	19 n 14.9	22 s 40.1	23 s 39.3	22 s 14.7	01 s 06.7	07 s 57.0
28 nov	16 30 24.8	21 s 23.6	21 n 33.1	21 s 36.9	11 s 52.7	01 n 46.0	19 n 13.4	22 s 40.1	23 s 39.3	22 s 14.6	01 s 07.2	07 s 59.4
29 nov	16 34 21.3	21 s 33.7	17 n 12.2	21 s 59.9	12 s 17.6	01 n 56.5	19 n 11.8	22 s 40.1	23 s 39.3	22 s 14.5	01 s 07.6	08 s 00.7
30 nov	16 38 17.9	21 s 43.5	12 n 15.6	22 s 21.8	12 s 42.2	02 n 07.1	19 n 10.3	22 s 40.1	23 s 39.4	22 s 14.4	01 s 08.1	08 s 01.3

DEZEMBRO DE 1988

Longitude dos Astros

Tropical Ephemeris - quinta-feira, 01 dez 1988 at noon, Greenwich SVP = 05♓24.75 True Ayanamsa = 23d 42m 14s
Julian Day = 2447497.0

Long.	Sidereal Time	Sun	Moon	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	N. Node
	h m s	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′
01 dez	16 42 14.4	09♐31.5	11♏50.4	09♐35.5	09♏48.8	06♈40.2	29♉547	02♎02.5	29♐56.3	08♎48.6	13♏34.2	09♓275
02 dez	16 46 11.0	10♐32.3	23♏37.8	11♐09.8	11♏03.1	07♈01.9	29♉468	02♎09.2	29♐59.8	08♎50.7	13♏36.4	09♓271
03 dez	16 50 7.5	11♐33.2	05♎27.3	12♐44.0	12♏17.5	07♈24.1	29♉389	02♎16.0	00♎03.3	08♎52.7	13♏38.7	09♓255
04 dez	16 54 4.1	12♐34.1	17♎24.4	14♐18.2	13♏31.9	07♈46.6	29♉311	02♎22.8	00♎06.8	08♎54.8	13♏40.9	09♓218
05 dez	16 58 0.6	13♐35.0	29♎33.3	15♐52.3	14♏46.3	08♈09.5	29♉234	02♎29.6	00♎10.3	08♎56.9	13♏43.0	09♓153
06 dez	17 1 57.2	14♐35.9	11♏57.5	17♐26.5	16♏00.8	08♈32.8	29♉158	02♎36.5	00♎13.8	08♎59.0	13♏45.2	09♓062
07 dez	17 5 53.8	15♐36.9	24♏39.2	19♐00.6	17♏15.4	08♈56.5	29♉082	02♎43.4	00♎17.3	09♎01.1	13♏47.4	08♓548
08 dez	17 9 50.3	16♐37.8	07♐39.0	20♐34.8	18♏29.9	09♈20.6	29♉007	02♎50.3	00♎20.9	09♎03.3	13♏49.5	08♓423
09 dez	17 13 46.9	17♐38.8	20♐55.9	22♐09.0	19♏44.5	09♈45.0	28♉534	02♎57.2	00♎24.4	09♎05.4	13♏51.6	08♓298
10 dez	17 17 43.4	18♐39.8	04♎27.7	23♐43.3	20♏59.1	10♈09.8	28♉461	03♎04.1	00♎28.0	09♎07.5	13♏53.7	08♓184
11 dez	17 21 40.0	19♐40.8	18♎11.5	25♐17.6	22♏13.7	10♈34.9	28♉389	03♎11.1	00♎31.6	09♎09.7	13♏55.8	08♓092
12 dez	17 25 36.5	20♐41.8	02♒03.9	26♐52.0	23♏28.4	11♈00.4	28♉319	03♎18.1	00♎35.1	09♎11.9	13♏57.8	08♓027
13 dez	17 29 33.1	21♐42.9	16♒02.0	28♐26.5	24♏43.1	11♈26.2	28♉249	03♎25.1	00♎38.7	09♎14.1	13♏59.9	07♓589
14 dez	17 33 29.6	22♐43.9	00♓03.6	00♎01.1	25♏57.8	11♈52.3	28♉181	03♎32.1	00♎42.3	09♎16.3	14♏01.9	07♓574
15 dez	17 37 26.2	23♐45.0	14♓07.2	01♎35.7	27♏12.5	12♈18.8	28♉114	03♎39.1	00♎45.9	09♎18.5	14♏03.9	07♓571
16 dez	17 41 22.8	24♐46.0	28♓11.9	03♎10.4	28♏27.3	12♈45.5	28♉049	03♎46.1	00♎49.5	09♎20.7	14♏05.9	07♓571
17 dez	17 45 19.3	25♐47.1	12♈17.2	04♎45.1	29♏42.0	13♈12.5	27♉585	03♎53.2	00♎53.1	09♎22.9	14♏07.8	07♓561
18 dez	17 49 15.9	26♐48.2	26♈22.1	06♎19.9	00♐56.8	13♈39.8	27♉522	04♎00.2	00♎56.8	09♎25.1	14♏09.8	07♓531
19 dez	17 53 12.4	27♐49.2	10♉24.7	07♎54.8	02♐11.6	14♈07.4	27♉461	04♎07.3	01♎00.4	09♎27.4	14♏11.7	07♓477
20 dez	17 57 9.0	28♐50.3	24♉22.5	09♎29.6	03♐26.4	14♈35.2	27♉401	04♎14.4	01♎04.0	09♎29.6	14♏13.5	07♓398
21 dez	18 1 5.5	29♐51.4	08♊12.1	11♎04.5	04♐41.3	15♈03.3	27♉343	04♎21.5	01♎07.6	09♎31.8	14♏15.4	07♓298
22 dez	18 5 2.1	00♎52.5	21♊49.8	12♎39.3	05♐56.1	15♈31.7	27♉287	04♎28.6	01♎11.2	09♎34.1	14♏17.2	07♓186
23 dez	18 8 58.6	01♎53.6	05♋12.4	14♎14.0	07♐11.0	16♈00.3	27♉232	04♎35.6	01♎14.9	09♎36.3	14♏19.1	07♓073
24 dez	18 12 55.2	02♎54.7	18♋17.5	15♎48.5	08♐25.9	16♈29.1	27♉178	04♎42.7	01♎18.5	09♎38.6	14♏20.8	06♓571
25 dez	18 16 51.7	03♎55.8	01♌04.0	17♎22.8	09♐40.8	16♈58.2	27♉127	04♎49.8	01♎22.1	09♎40.9	14♏22.6	06♓487
26 dez	18 20 48.3	04♎56.9	13♌32.4	18♎56.7	10♐55.8	17♈27.4	27♉077	04♎56.9	01♎25.7	09♎43.1	14♏24.3	06♓428
27 dez	18 24 44.9	05♎58.0	25♌44.7	20♎30.2	12♐10.7	17♈56.9	27♉029	05♎04.0	01♎29.3	09♎45.4	14♏26.0	06♓395
28 dez	18 28 41.4	06♎59.2	07♍44.3	22♎03.2	13♐25.7	18♈26.7	26♉582	05♎11.1	01♎32.9	09♎47.7	14♏27.7	06♓384
29 dez	18 32 38.0	08♎00.3	19♍35.5	23♎35.4	14♐40.7	18♈56.6	26♉538	05♎18.2	01♎36.6	09♎49.9	14♏29.4	06♓38.6
30 dez	18 36 34.5	09♎01.4	01♎23.3	25♎06.7	15♐55.6	19♈26.7	26♉495	05♎25.3	01♎40.2	09♎52.2	14♏31.0	06♓39.2
31 dez	18 40 31.1	10♎02.6	13♎13.1	26♎36.9	17♐10.7	19♈57.0	26♉454	05♎32.4	01♎43.8	09♎54.5	14♏32.6	06♓390

Declinação dos Astros

Tropical Ephemeris - quinta-feira, 01 dez 1988 at noon, Greenwich SVP = 05♓24.75 True Ayanamsa = 23d 42m 14s
Julian Day = 2447497.0

Decl.	Sidereal Time	Sun	Moon	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	N. Node
	h m s	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′	° ′
01 dez	16 42 14.4	21 s 52.8	06 n 56.0	22 s 42.6	13 s 06.5	02 n 17.8	19 n 08.8	22 s 40.1	23 s 39.4	22 s 14.3	01 s 08.5	08 s 01.4
02 dez	16 46 11.0	22 s 01.7	01 n 23.9	23 s 02.2	13 s 30.5	02 n 28.6	19 n 07.2	22 s 40.1	23 s 39.4	22 s 14.2	01 s 09.0	08 s 01.6
03 dez	16 50 7.5	22 s 10.2	04 s 11.8	23 s 20.7	13 s 54.2	02 n 39.5	19 n 05.7	22 s 40.1	23 s 39.4	22 s 14.1	01 s 09.4	08 s 02.2
04 dez	16 54 4.1	22 s 18.3	09 s 41.8	23 s 38.0	14 s 17.6	02 n 50.6	19 n 04.2	22 s 40.0	23 s 39.4	22 s 14.0	01 s 09.8	08 s 03.6
05 dez	16 58 0.6	22 s 25.9	14 s 55.6	23 s 54.0	14 s 40.6	03 n 01.7	19 n 02.8	22 s 40.0	23 s 39.4	22 s 13.9	01 s 10.2	08 s 06.0
06 dez	17 1 57.2	22 s 33.1	19 s 39.8	24 s 08.9	15 s 03.3	03 n 13.0	19 n 01.3	22 s 39.9	23 s 39.4	22 s 13.7	01 s 10.6	08 s 09.4
07 dez	17 5 53.8	22 s 39.9	23 s 38.0	24 s 22.5	15 s 25.7	03 n 24.4	18 n 59.8	22 s 39.9	23 s 39.4	22 s 13.6	01 s 11.0	08 s 13.7
08 dez	17 9 50.3	22 s 46.2	26 s 31.2	24 s 34.8	15 s 47.6	03 n 35.8	18 n 58.4	22 s 39.8	23 s 39.4	22 s 13.5	01 s 11.3	08 s 18.4
09 dez	17 13 46.9	22 s 52.0	28 s 00.4	24 s 45.8	16 s 09.2	03 n 47.4	18 n 57.0	22 s 39.8	23 s 39.4	22 s 13.4	01 s 11.7	08 s 23.1
10 dez	17 17 43.4	22 s 57.4	27 s 51.8	24 s 55.5	16 s 30.3	03 n 59.0	18 n 55.6	22 s 39.7	23 s 39.4	22 s 13.2	01 s 12.0	08 s 27.3
11 dez	17 21 40.0	23 s 02.4	26 s 00.9	25 s 03.9	16 s 51.1	04 n 10.7	18 n 54.2	22 s 39.6	23 s 39.4	22 s 13.1	01 s 12.4	08 s 30.8
12 dez	17 25 36.5	23 s 06.9	22 s 35.0	25 s 10.9	17 s 11.4	04 n 22.5	18 n 52.9	22 s 39.5	23 s 39.4	22 s 13.0	01 s 12.7	08 s 33.2
13 dez	17 29 33.1	23 s 10.9	17 s 49.9	25 s 16.5	17 s 31.2	04 n 34.4	18 n 51.6	22 s 39.4	23 s 39.3	22 s 12.8	01 s 13.0	08 s 34.6
14 dez	17 33 29.6	23 s 14.5	12 s 06.0	25 s 20.7	17 s 50.6	04 n 46.4	18 n 50.3	22 s 39.3	23 s 39.3	22 s 12.7	01 s 13.3	08 s 35.2
15 dez	17 37 26.2	23 s 17.6	05 s 44.6	25 s 23.5	18 s 09.5	04 n 58.4	18 n 49.0	22 s 39.2	23 s 39.3	22 s 12.6	01 s 13.5	08 s 35.3
16 dez	17 41 22.8	23 s 20.2	00 n 53.7	25 s 24.8	18 s 28.0	05 n 10.5	18 n 47.8	22 s 39.1	23 s 39.3	22 s 12.4	01 s 13.8	08 s 35.3
17 dez	17 45 19.3	23 s 22.4	07 n 29.3	25 s 24.7	18 s 46.0	05 n 22.7	18 n 46.6	22 s 39.0	23 s 39.3	22 s 12.3	01 s 14.0	08 s 35.7
18 dez	17 49 15.9	23 s 24.1	13 n 42.2	25 s 23.1	19 s 03.4	05 n 34.9	18 n 45.4	22 s 38.8	23 s 39.3	22 s 12.2	01 s 14.3	08 s 36.8
19 dez	17 53 12.4	23 s 25.4	19 n 11.8	25 s 20.0	19 s 20.3	05 n 47.2	18 n 44.2	22 s 38.7	23 s 39.2	22 s 12.0	01 s 14.5	08 s 38.8
20 dez	17 57 9.0	23 s 26.1	23 n 37.1	25 s 15.3	19 s 36.7	05 n 59.6	18 n 43.1	22 s 38.6	23 s 39.2	22 s 11.9	01 s 14.7	08 s 41.7
21 dez	18 1 5.5	23 s 26.4	26 n 38.8	25 s 09.2	19 s 52.6	06 n 11.9	18 n 42.1	22 s 38.4	23 s 39.2	22 s 11.7	01 s 14.9	08 s 45.4
22 dez	18 5 2.1	23 s 26.3	28 n 03.4	25 s 01.6	20 s 07.9	06 n 24.4	18 n 41.0	22 s 38.2	23 s 39.2	22 s 11.6	01 s 15.1	08 s 49.6
23 dez	18 8 58.6	23 s 25.6	27 n 47.2	24 s 52.4	20 s 22.7	06 n 36.8	18 n 40.0	22 s 38.1	23 s 39.2	22 s 11.4	01 s 15.2	08 s 53.8
24 dez	18 12 55.2	23 s 24.5	25 n 57.1	24 s 41.7	20 s 36.8	06 n 49.3	18 n 39.0	22 s 37.9	23 s 39.1	22 s 11.3	01 s 15.4	08 s 57.6
25 dez	18 16 51.7	23 s 22.9	22 n 48.6	24 s 29.5	20 s 50.4	07 n 01.9	18 n 38.1	22 s 37.7	23 s 39.1	22 s 11.1	01 s 15.5	09 s 00.7
26 dez	18 20 48.3	23 s 20.9	18 n 40.5	24 s 15.7	21 s 03.4	07 n 14.5	18 n 37.2	22 s 37.5	23 s 39.1	22 s 11.0	01 s 15.7	09 s 02.9
27 dez	18 24 44.9	23 s 18.4	13 n 50.7	24 s 00.5	21 s 15.8	07 n 27.1	18 n 36.3	22 s 37.3	23 s 39.0	22 s 10.8	01 s 15.8	09 s 04.1
28 dez	18 28 41.4	23 s 15.4	08 n 34.3	23 s 43.7	21 s 27.6	07 n 39.7	18 n 35.5	22 s 37.1	23 s 39.0	22 s 10.7	01 s 15.9	09 s 04.5
29 dez	18 32 38.0	23 s 11.9	03 n 03.6	23 s 25.5	21 s 38.8	07 n 52.3	18 n 34.7	22 s 36.9	23 s 39.0	22 s 10.5	01 s 16.0	09 s 04.4
30 dez	18 36 34.5	23 s 08.0	02 s 31.5	23 s 05.9	21 s 49.3	08 n 05.0	18 n 34.0	22 s 36.7	23 s 38.9	22 s 10.4	01 s 16.1	09 s 04.2
31 dez	18 40 31.1	23 s 03.6	08 s 02.1	22 s 44.9	21 s 59.2	08 n 17.7	18 n 33.3	22 s 36.4	23 s 38.9	22 s 10.2	01 s 16.1	09 s 04.3