

Astéroïde : 2007 TU24

Calcul de l'éphéméride de l'astéroïde 2007 TU24.
Code IMC de l'astéroïde : K07T24U.
Source des éléments osculateurs : P. Rocher.
Date de mise à jour des éléments : 2007/01/29.
L'éphéméride utilise une intégration directe du mouvement.
Éléments osculateurs sélectionnés :

Époque 2008 février 4.0 TT = JDT 2454500.5
T 2008 janvier 8.18804 TT Rocher
q 0.947701244 (2000) P Q
n 0.337358307 Peri 334.1638493 -0.19694716 -0.97728768
a 2.043659054 Noeud 127.0967089 0.91566010 -0.21187201
e 0.536272334 Incl 5.6288942 0.35039749 0.00436278
P 2.92

Coefficient H0 de la magnitude H0 = 20.36, valeur de la Pente G = 0.15

À partir de 196 observations comprises entre le 11 octobre 2007 et le 28 janvier 2007, rms 0.32"

Éléments : époque 4/ 2/2008 = JDT 2454500,5

Inclinaison (i) : 5,62889415396221°
Argument de la latitude du périhélie (ω) : 334,163849258175°
Longitude du nœud ascendant (Ω) : 127,096708876497°
Excentricité (e) : 0,536272333934916
Demi grand axe (a) : 2,04365905439305 ua
Distance au périhélie (q) : 0,947701243526465 ua
Anomalie moyenne (M) : 9,04523897842020°
Moyen mouvement (n) : 0,337358306798705 °/jour
Période (P) : 2,92160075357404 ans
Passage au périhélie (τ) : 2454473,68803540 jour julien
Passage au périhélie (τ) : 8/01/2008 fraction de jour : 0,188035402912647

Ajustement de l'orbite sur les observations

Date de l'observation	Ascension droite	Déclinaison	O-C ascension droite	O-C Déclinaison
UTC	h m s	° ' "	"	"
2008 01 28.05128	00 50 41.00	+02 32 01.6	-0.27	-0.16
2008 01 28.04987	00 50 39.62	+02 30 33.0	-0.13	-0.41
2008 01 28.04829	00 50 38.06	+02 28 54.9	-0.29	0.34
2008 01 28.04778	00 50 37.58	+02 28 23.0	-0.01	0.30
2008 01 28.04724	00 50 37.07	+02 27 49.2	0.26	0.23
2008 01 28.04656	00 50 36.39	+02 27 06.4	0.00	-0.14
2008 01 28.04608	00 50 35.90	+02 26 36.7	-0.34	0.09
2008 01 28.04553	00 50 35.38	+02 26 02.2	-0.12	-0.13
2008 01 28.04506	00 50 34.93	+02 25 33.0	-0.02	-0.05
2008 01 28.04455	00 50 34.45	+02 25 01.4	0.20	0.10
2008 01 28.04421	00 50 34.11	+02 24 40.0	0.03	-0.15
2008 01 28.04366	00 50 33.60	+02 24 06.4	0.37	0.46
2008 01 28.04295	00 50 32.90	+02 23 21.8	0.15	-0.02
2008 01 28.04262	00 50 32.57	+02 23 01.4	-0.03	0.08
2008 01 28.04207	00 50 32.05	+02 22 26.7	0.12	-0.48
2008 01 28.04165	00 50 31.65	+02 22 01.0	0.18	-0.12
2008 01 28.04120	00 50 31.20	+02 21 33.3	-0.08	0.09
2008 01 28.04086	00 50 30.89	+02 21 12.3	0.16	0.17
2008 01 28.03937	00 50 29.47	+02 19 40.1	0.26	0.23
2008 01 28.03870	00 50 28.79	+02 18 58.1	-0.34	-0.33
2008 01 28.03822	00 50 28.37	+02 18 28.9	0.22	0.13
2008 01 28.03774	00 50 27.89	+02 17 59.0	-0.12	-0.11
2008 01 28.03692	00 50 27.11	+02 17 08.2	-0.13	-0.30
2008 01 28.03653	00 50 26.73	+02 16 44.8	-0.28	0.36
2008 01 28.03614	00 50 26.37	+02 16 20.6	-0.13	0.20
2008 01 28.03548	00 50 25.77	+02 15 40.4	0.24	0.67
2008 01 28.03464	00 50 24.96	+02 14 47.8	0.00	-0.21
2008 01 28.03425	00 50 24.61	+02 14 24.4	0.27	0.38
2008 01 27.87151	00 46 59.48	-00 18 33.3	0.06	-0.55
2008 01 27.87037	00 46 58.47	-00 19 31.8	0.35	-0.90*
2008 01 27.86923	00 46 57.43	-00 20 29.5	0.13	-0.51
2008 01 27.75368	00 45 23.22	-01 54 25.2	-0.22	-1.36*
2008 01 27.75153	00 45 21.68	-01 56 01.2	-0.50	-0.69
2008 01 27.74938	00 45 20.17	-01 57 37.6	-0.46	0.64
2008 01 27.68753	00 44 21.71	-02 40 15.2	-0.89*	-5.18*

Date de l'observation	Ascension droite	Déclinaison	O-C ascension droite	O-C Déclinaison
UTC	h m s	° ' "	"	"
2008 01 27.68454	00 44 19.90	-02 42 20.5	-0.86*	-4.61*
2008 01 27.46231	00 41 11.82	-04 45 26.8	-0.78	-2.07*
2008 01 27.46215	00 41 11.86	-04 45 32.0	1.26*	-1.75*
2008 01 27.46201	00 41 11.72	-04 45 37.3	0.41	-2.23*
2008 01 27.03468	00 37 18.21	-08 21 43.3	0.07	-0.00
2008 01 27.03182	00 37 17.37	-08 22 50.1	0.23	0.77*
2008 01 27.03112	00 37 17.17	-08 23 07.2	0.33	0.18
2008 01 27.02854	00 37 16.40	-08 24 08.1	0.16	0.05
2008 01 27.02590	00 37 15.62	-08 25 10.0	-0.01	0.19
2008 01 27.02543	00 37 15.49	-08 25 20.9	0.08	0.32
2008 01 27.02468	00 37 15.29	-08 25 38.8	0.33	0.01
2008 01 27.02400	00 37 15.06	-08 25 54.4	-0.18	0.35
2008 01 27.02333	00 37 14.87	-08 26 10.2	-0.14	0.25
2008 01 27.02197	00 37 14.49	-08 26 42.1	0.01	0.18
2008 01 27.02133	00 37 14.32	-08 26 56.4	0.20	0.85*
2008 01 27.02042	00 37 14.06	-08 27 17.9	0.19	0.61
2008 01 27.01986	00 37 13.88	-08 27 31.4	-0.13	0.19
2008 01 27.01933	00 37 13.74	-08 27 42.6	0.03	1.36*
2008 01 27.01866	00 37 13.56	-08 27 59.4	0.17	0.19
2008 01 27.01771	00 37 13.29	-08 28 21.8	0.14	-0.06
2008 01 27.01719	00 37 13.14	-08 28 33.5	0.09	0.35
2008 01 27.01628	00 37 12.88	-08 28 55.4	0.02	-0.36
2008 01 27.01503	00 37 12.50	-08 29 24.7	-0.43	-0.58
2008 01 26.82891	00 35 39.93	-09 36 28.5	-0.45	0.44
2008 01 26.82709	00 35 39.39	-09 37 05.5	-0.33	0.39
2008 01 26.82157	00 35 37.80	-09 38 57.7	0.40	-0.09
2008 01 26.74618	00 35 14.56	-10 03 56.3	0.01	-0.24
2008 01 26.74380	00 35 13.96	-10 04 41.4	0.09	-0.14
2008 01 26.74145	00 35 13.33	-10 05 25.9	-0.45	-0.09
2008 01 26.73912	00 35 12.77	-10 06 10.4	-0.08	-0.51
2008 01 26.73638	00 35 12.15	-10 07 01.5	0.85*	0.11
2008 01 26.73520	00 35 11.81	-10 07 23.3	0.13	0.55
2008 01 26.73403	00 35 11.52	-10 07 45.7	0.12	0.18
2008 01 25.77991	00 30 16.55	-13 47 38.7	-0.43	0.43
2008 01 25.77848	00 30 16.23	-13 47 53.2	-2.49*	1.15*

Date de l'observation	Ascension droite	Déclinaison	O-C ascension droite	O-C Déclinaison
UTC	h m s	° ' "	"	"
2008 01 25.77777	00 30 16.37	-13 48 02.0	0.95	-0.10
2008 01 25.77635	00 30 16.23	-13 48 16.5	1.54*	0.49
2008 01 25.77565	00 30 16.00	-13 48 25.1	-0.60	-0.68
2008 01 25.77422	00 30 15.87	-13 48 42.2	0.12	-2.61*
2008 01 25.77352	00 30 15.66	-13 48 47.5	-1.73*	-0.49
2008 01 25.77208	00 30 15.56	-13 49 03.2	-0.56	-0.93*
2008 01 25.75194	00 30 11.80	-13 52 47.5	-0.64	-0.06
2008 01 25.74372	00 30 10.82	-13 54 14.4	0.69	-1.31*
2008 01 25.72680	00 30 08.74	-13 57 08.1	0.73	-0.33
2008 01 25.72605	00 30 08.61	-13 57 15.5	0.12	-0.04
2008 01 25.72554	00 30 08.56	-13 57 20.5	0.27	0.19
2008 01 25.72511	00 30 08.48	-13 57 26.0	-0.17	-0.90*
2008 01 25.72475	00 30 08.44	-13 57 29.1	-0.13	-0.31
2008 01 25.72399	00 30 08.32	-13 57 36.9	-0.59	-0.33
2008 01 24.76351	00 27 08.74	-16 04 56.2	-0.07	0.03
2008 01 24.75955	00 27 08.48	-16 05 22.4	0.00	0.05
2008 01 24.75534	00 27 08.21	-16 05 50.3	0.05	-0.06
2008 01 23.74549	00 25 00.17	-17 33 40.1	0.30	-0.04
2008 01 23.74129	00 25 00.05	-17 33 58.8	0.59	0.17
2008 01 23.73710	00 24 59.89	-17 34 17.5	0.20	0.28
2008 01 23.45020	00 24 21.271	-17 47 59.9	0.12	0.06
2008 01 23.43778	00 24 20.591	-17 48 54.1	0.15	-0.05
2008 01 18.07979	00 18 32.52	-21 00 06.5	0.24	0.03
2008 01 18.07552	00 18 32.53	-21 00 12.5	0.60	-0.42
2008 01 18.07061	00 18 32.50	-21 00 19.2	0.33	-0.78
2008 01 17.95096	00 18 23.58	-21 00 29.5	1.20*	0.18
2008 01 17.94941	00 18 23.52	-21 00 31.7	0.53	0.10
2008 01 17.94797	00 18 23.52	-21 00 33.6	0.74	0.17
2008 01 13.48788	00 14 55.90	-22 03 31.6	0.53	-0.37
2008 01 13.46102	00 14 55.00	-22 03 54.5	0.07	-0.17
2008 01 13.43426	00 14 54.33	-22 04 17.2	0.46	-0.28
2008 01 13.07209	00 14 40.62	-22 09 59.1	-0.05	-0.28
2008 01 13.06613	00 14 40.53	-22 10 02.9	-0.53	0.19
2008 01 13.05866	00 14 40.53	-22 10 08.6	0.49	-0.23
2008 01 01.77813	00 06 10.38	-23 32 54.3	-0.69	0.94*

Date de l'observation	Ascension droite	Déclinaison	O-C ascension droite	O-C Déclinaison
UTC	h m s	° ' "	"	"
2007 12 31.08282	00 04 52.62	-23 42 01.1	-0.97*	-0.72
2007 12 31.06929	00 04 52.33	-23 42 05.9	-0.31	-0.71
2007 12 31.05576	00 04 52.05	-23 42 10.2	0.39	-0.33
2007 12 29.76565	00 03 52.46	-23 48 56.5	-0.54	-0.17
2007 12 04.13444	23 49 46.77	-25 14 09.1	0.26	0.46
2007 12 04.11031	23 49 46.88	-25 14 10.3	0.26	0.40
2007 12 04.08854	23 49 46.96	-25 14 11.2	-0.07	0.28
2007 11 14.17554	23 56 45.12	-24 08 24.9	0.02	0.67
2007 11 14.17125	23 56 45.38	-24 08 22.6	-0.15	0.90*
2007 11 13.17164	23 57 39.40	-23 59 59.8	0.03	0.59
2007 11 13.16761	23 57 39.66	-23 59 57.6	-0.07	0.69
2007 11 13.16236	23 57 40.02	-23 59 55.1	0.11	0.46
2007 11 06.16712	00 05 19.72	-22 44 31.3	0.31	0.44
2007 11 06.16310	00 05 20.04	-22 44 28.5	-0.01	0.10
2007 11 06.15915	00 05 20.37	-22 44 25.4	-0.09	0.10b
2007 11 02.15405	00 10 38.33	-21 47 54.3	-0.06	0.04
2007 11 02.14995	00 10 38.71	-21 47 50.4	-0.05	0.11
2007 11 02.14598	00 10 39.08	-21 47 46.9	-0.00	-0.10
2007 11 01.18780	00 11 59.34	-21 32 51.5	-0.10	0.26
2007 11 01.18393	00 11 59.71	-21 32 47.9	-0.04	0.15
2007 11 01.17916	00 12 00.16	-21 32 43.5	-0.04	-0.02
2007 10 28.22359	00 17 46.79	-20 25 43.4	-0.39	-0.06
2007 10 28.22168	00 17 47.00	-20 25 41.2	-0.08	0.08
2007 10 28.21976	00 17 47.19	-20 25 39.2	-0.09	0.01
2007 10 19.20144	00 31 38.49	-17 25 39.3	-0.51	0.52
2007 10 19.19728	00 31 38.92	-17 25 34.2	-0.29	0.18
2007 10 19.19340	00 31 39.30	-17 25 29.0	-0.39	0.30
2007 10 18.30865	00 32 59.56	-17 06 15.8	-0.01	-0.11
2007 10 18.30553	00 32 59.89	-17 06 11.5	0.29	0.14
2007 10 18.19134	00 33 11.23	-17 03 41.4	-0.16	0.23
2007 10 18.18749	00 33 11.62	-17 03 36.3	-0.01	0.22
2007 10 18.18342	00 33 11.99	-17 03 30.8	-0.49	0.31
2007 10 16.88269	00 35 09.90	-16 34 54.9	0.67	-0.61
2007 10 16.87155	00 35 10.96	-16 34 39.7	0.38	-0.33
2007 10 16.85860	00 35 12.22	-16 34 22.6	0.50	-0.60

Date de l'observation	Ascension droite	Déclinaison	O-C ascension droite	O-C Déclinaison
UTC	h m s	° ' "	"	"
2007 10 16.18619	00 36 12.83	-16 19 21.1	-0.46	0.07
2007 10 16.18233	00 36 13.19	-16 19 15.9	-0.65	0.04
2007 10 16.17850	00 36 13.57	-16 19 10.7	-0.49	0.05
2007 10 15.92200	00 36 35.82	-16 13 31.0	-0.54	0.07
2007 10 15.92125	00 36 35.90	-16 13 30.9	-0.42	-0.84*
2007 10 15.92051	00 36 36.01	-16 13 29.2	0.17	-0.13
2007 10 15.91934	00 36 36.12	-16 13 28.4	0.158	-0.90*
2007 10 15.91800	00 36 36.26	-16 13 25.7	0.33	0.00
2007 10 15.27634	00 37 33.27	-15 58 59.3	0.19	-0.33
2007 10 15.27023	00 37 33.85	-15 58 51.0	0.05	-0.26
2007 10 15.26434	00 37 34.42	-15 58 43.0	0.08	-0.21
2007 10 15.26370	00 37 34.48	-15 58 41.5	-0.21	0.30
2007 10 15.25975	00 37 34.86	-15 58 36.2	-0.23	0.27
2007 10 15.25821	00 37 35.04	-15 58 34.6	0.51	-0.09
2007 10 15.25542	00 37 35.27	-15 58 30.3	-0.34	0.31
2007 10 14.95505	00 38 01.52	-15 51 49.1	-0.02	-0.66
2007 10 14.95420	00 38 01.56	-15 51 46.8	-0.62	0.49
2007 10 14.95340	00 38 01.66	-15 51 46.5	-0.25	-0.29
2007 10 14.95244	00 38 01.79	-15 51 45.2	0.34	-0.28
2007 10 14.95147	00 38 01.83	-15 51 43.5	-0.43	0.11
2007 10 14.26536	00 39 02.34	-15 36 11.2	0.52	-0.18
2007 10 14.26049	00 39 02.80	-15 36 04.5	0.47	-0.09
2007 10 14.25557	00 39 03.27	-15 35 57.8	0.51	-0.08
2007 10 14.25071	00 39 03.70	-15 35 51.4	0.03	-0.30
2007 10 13.96040	00 39 28.69	-15 29 19.5	0.38	-0.12
2007 10 13.95392	00 39 29.28	-15 29 09.8	0.15	0.79
2007 10 13.95316	00 39 29.36	-15 29 08.8	0.29	0.76
2007 10 13.94584	00 39 30.06	-15 28 58.1	0.54	1.52*
2007 10 12.49456	00 41 34.63	-14 55 33.5	-0.32	-0.21
2007 10 12.49065	00 41 35.05	-14 55 28.2	0.63	-0.26
2007 10 12.48461	00 41 35.54	-14 55 20.1	-0.28	-0.42
2007 10 12.33612	00 41 47.61	-14 52 21.7	-0.09	-0.24
2007 10 12.33315	00 41 47.90	-14 52 17.6	0.18	-0.17
2007 10 12.33012	00 41 48.19	-14 52 13.3	0.36	0.01
2007 10 12.32721	00 41 48.44	-14 52 09.6	0.11	-0.24

Date de l'observation	Ascension droite	Déclinaison	O-C ascension droite	O-C Déclinaison
UTC	h m s	° ' "	"	"
2007 10 12.26366	00 41 54.40	-14 50 43.3	-0.09	-0.30
2007 10 12.25939	00 41 54.83	-14 50 37.1	0.49	0.03
2007 10 12.25556	00 41 55.16	-14 50 31.8	0.19	0.07
2007 10 12.24792	00 41 55.90	-14 50 21.4	0.82	-0.04
2007 10 12.07418	00 42 09.39	-14 46 25.7	-0.12	-0.48
2007 10 12.04776	00 42 11.75	-14 45 49.7	0.11	-0.24
2007 10 11.34788	00 43 10.21	-14 29 48.5	-0.08	0.38b
2007 10 11.34660	00 43 10.36	-14 29 46.8	0.45	0.34
2007 10 11.34535	00 43 10.42	-14 29 45.2	-0.33	0.25
2007 10 11.34406	00 43 10.54	-14 29 43.5	-0.27	0.19
2007 10 11.34367	00 43 10.35	-14 29 44.1	-0.15	-0.05
2007 10 11.34189	00 43 10.50	-14 29 41.7	-0.26	-0.06
2007 10 11.34012	00 43 10.66	-14 29 39.1	-0.21	0.14
2007 10 11.33834	00 43 10.82	-14 29 37.3	-0.16	-0.47
2007 10 11.32745	00 43 12.03	-14 29 20.6	-0.21	0.30
2007 10 11.32635	00 43 12.11	-14 29 19.5	-0.50	-0.10
2007 10 11.32526	00 43 12.24	-14 29 17.7	-0.02	0.22
2007 10 11.28980	00 43 15.42	-14 28 28.5	-0.31	1.18*
2007 10 11.28268	00 43 16.06	-14 28 18.8	-0.34	1.13*
2007 10 11.27553	00 43 16.68	-14 28 08.5	-0.70	1.63*
2007 10 11.26838	00 43 17.43	-14 27 58.9	0.89*	1.43*

(*) Ces observations ont été exclues par le test du κ^2

Positions équatoriales géocentriques apparentes

Date en UTC	Ascension droite Apparente	Déclinaison Apparente	Distance au centre de la Terre	Magnitude
2008 janv. 20 0h 0m 0,00s	0h 20m 44,903s	-20° 12' 1,61"	7448076,75km	+18,45
21 0h 0m 0,00s	0h 21m 45,777s	-19° 41' 54,12"	6657774,60km	+18,28
22 0h 0m 0,00s	0h 22m 55,158s	-19° 4' 2,49"	5867708,14km	+18,07
23 0h 0m 0,00s	0h 24m 17,768s	-18° 14' 46,24"	5078344,37km	+17,82
24 0h 0m 0,00s	0h 26m 1,749s	-17° 7' 43,63"	4290339,51km	+17,50
25 0h 0m 0,00s	0h 28m 22,296s	-15° 30' 52,98"	3504786,28km	+17,09
26 0h 0m 0,00s	0h 31m 51,218s	-12° 58' 32,84"	2723893,87km	+16,54
27 0h 0m 0,00s	0h 37m 47,887s	- 8° 25' 2,54"	1953283,43km	+15,72
28 0h 0m 0,00s	0h 50m 40,052s	1° 52' 29,15"	1212804,71km	+14,32
29 0h 0m 0,00s	1h 40m 5,470s	35° 52' 17,79"	622623,27km	+11,66
30 0h 0m 0,00s	9h 58m 58,692s	65° 18' 50,28"	754307,96km	+10,67
31 0h 0m 0,00s	11h 36m 29,368s	44° 51' 16,26"	1419088,23km	+11,90
2008 févr. 1 0h 0m 0,00s	11h 53m 38,947s	37° 15' 33,99"	2172379,64km	+12,83
2 0h 0m 0,00s	12h 0m 34,086s	33° 33' 41,56"	2947072,19km	+13,49
3 0h 0m 0,00s	12h 4m 13,031s	31° 23' 48,46"	3730114,24km	+14,00
4 0h 0m 0,00s	12h 6m 23,914s	29° 58' 46,40"	4517562,48km	+14,41
5 0h 0m 0,00s	12h 7m 47,151s	28° 58' 48,72"	5307951,26km	+14,74
6 0h 0m 0,00s	12h 8m 41,295s	28° 14' 13,80"	6100714,14km	+15,03
7 0h 0m 0,00s	12h 9m 16,086s	27° 39' 43,63"	6895679,11km	+15,28
8 0h 0m 0,00s	12h 9m 37,154s	27° 12' 9,83"	7692871,85km	+15,51
9 0h 0m 0,00s	12h 9m 48,004s	26° 49' 33,61"	8492426,63km	+15,71
10 0h 0m 0,00s	12h 9m 50,952s	26° 30' 36,40"	9294540,93km	+15,89

Distance minimum à la Terre le mardi 29 janvier 2008 à 8h 33m 39,86s UTC distance : 554178,26km

Positions équatoriales astrométriques J2000

Date en UTC	Ascension droite Apparente	Déclinaison Apparente	Distance au centre de la Terre	Magnitude
2008 janv. 20 0h 0m 0,00s	0h 20m 20,269s	-20° 14' 36,54"	7448076,75km	+18,45
21 0h 0m 0,00s	0h 21m 21,150s	-19° 44' 29,22"	6657774,60km	+18,28
22 0h 0m 0,00s	0h 22m 30,536s	-19° 6' 37,77"	5867708,14km	+18,07
23 0h 0m 0,00s	0h 23m 53,153s	-18° 17' 21,72"	5078344,37km	+17,82
24 0h 0m 0,00s	0h 25m 37,142s	-17° 10' 19,34"	4290339,51km	+17,50
25 0h 0m 0,00s	0h 27m 57,693s	-15° 33' 28,99"	3504786,28km	+17,09
26 0h 0m 0,00s	0h 31m 26,604s	-13° 1' 9,30"	2723893,87km	+16,54
27 0h 0m 0,00s	0h 37m 23,208s	- 8° 27' 39,82"	1953283,43km	+15,72
28 0h 0m 0,00s	0h 50m 15,061s	1° 49' 50,04"	1212804,71km	+14,32
29 0h 0m 0,00s	1h 39m 37,305s	35° 49' 36,71"	622623,27km	+11,66
30 0h 0m 0,00s	9h 58m 17,154s	65° 21' 18,85"	754307,96km	+10,67
31 0h 0m 0,00s	11h 36m 0,963s	44° 54' 14,55"	1419088,23km	+11,90
2008 févr. 1 0h 0m 0,00s	11h 53m 11,764s	37° 18' 33,30"	2172379,64km	+12,83
2 0h 0m 0,00s	12h 0m 7,259s	33° 36' 40,82"	2947072,19km	+13,49
3 0h 0m 0,00s	12h 3m 46,347s	31° 26' 47,60"	3730114,24km	+14,00
4 0h 0m 0,00s	12h 5m 57,292s	30° 1' 45,44"	4517562,48km	+14,41
5 0h 0m 0,00s	12h 7m 20,554s	29° 1' 47,71"	5307951,26km	+14,74
6 0h 0m 0,00s	12h 8m 14,703s	28° 17' 12,73"	6100714,14km	+15,03
7 0h 0m 0,00s	12h 8m 49,487s	27° 42' 42,52"	6895679,11km	+15,28
8 0h 0m 0,00s	12h 9m 10,544s	27° 15' 8,65"	7692871,85km	+15,51
9 0h 0m 0,00s	12h 9m 21,381s	26° 52' 32,37"	8492426,63km	+15,71
10 0h 0m 0,00s	12h 9m 24,314s	26° 33' 35,08"	9294540,93km	+15,89

Distance minimum à la Terre le mardi 29 janvier 2008 à 8h 33m 39,86s UTC distance : 554178,26km