

EPHEMERIDES

3 25.9

3 26.0

2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$	2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$
<b>341466</b>	2007 <i>TS</i> <sub>315</sub>		3 25.9 137°80	1.4/24.3	18		<b>393079</b>	2013 <i>AU</i> <sub>98</sub>		3 25.9 34°45	4.6/20.0	17	
2 21	12 42.06	+ 0 27.5	2.560	3.393	10.4	21.2	2 21	12 39.69	+11 13.6	2.437	3.291	10.1	20.9
3 2	12 37.05	+ 1 5.5	2.489	3.403	7.6	21.0	3 2	12 35.45	+12 18.6	2.373	3.293	7.6	20.7
3 12	12 30.61	+ 1 49.7	2.444	3.412	4.4	20.8	3 12	12 29.71	+13 23.1	2.335	3.295	5.4	20.6
3 22	12 23.27	+ 2 36.1	2.428	3.421	1.6	20.6	3 22	12 23.04	+14 21.3	2.326	3.296	4.7	20.5
4 1	12 15.70	+ 3 20.0	2.442	3.430	3.0	20.7	4 1	12 16.11	+15 7.5	2.344	3.298	6.1	20.6
4 11	12 8.61	+ 3 57.3	2.485	3.438	6.1	20.9	4 11	12 9.66	+15 38.0	2.390	3.300	8.6	20.8
4 21	12 2.58	+ 4 24.7	2.555	3.446	9.0	21.1	4 21	12 4.30	+15 50.7	2.461	3.302	11.1	20.9
5 1	11 58.07	+ 4 40.3	2.650	3.453	11.5	21.3	5 1	12 0.49	+15 45.7	2.552	3.304	13.3	21.1
<b>83053</b>	2001 <i>QP</i> <sub>201</sub>		3 25.9 205°35	0°2/26.2	18		<b>59080</b>	1998 <i>VU</i> <sub>21</sub>		3 25.9 149°94	0°2/25.9	18	
2 21	12 39.72	- 6 9.0	2.512	3.331	11.0	19.9	2 21	12 48.66	- 3 41.9	1.643	2.475	15.2	19.8
3 2	12 35.48	- 5 21.6	2.424	3.327	8.2	19.7	3 2	12 42.71	- 3 20.6	1.572	2.482	11.4	19.6
3 12	12 29.75	- 4 22.2	2.361	3.324	5.0	19.5	3 12	12 34.36	- 2 46.3	1.523	2.489	6.9	19.3
3 22	12 23.04	- 3 14.4	2.326	3.320	1.5	19.2	3 22	12 24.43	- 2 3.4	1.501	2.495	2.0	19.0
4 1	12 16.02	- 2 3.3	2.322	3.316	2.1	19.3	4 1	12 14.04	- 1 18.2	1.507	2.501	3.1	19.1
4 11	12 9.39	- 0 54.6	2.347	3.312	5.6	19.5	4 11	12 4.44	- 0 37.5	1.541	2.506	7.9	19.4
4 21	12 3.79	+ 0 6.6	2.400	3.307	8.8	19.7	4 21	11 56.63	- 0 7.0	1.600	2.511	12.2	19.7
5 1	11 59.68	+ 0 56.5	2.477	3.302	11.6	19.9	5 1	11 51.29	+ 0 9.5	1.681	2.515	15.8	19.9
<b>417467</b>	2006 <i>QN</i> <sub>99</sub>		3 25.9 274°51	1.7/24.3	17		<b>307535</b>	2003 <i>BQ</i> <sub>78</sub>		3 25.9 148°55	1.2/27.3	18	
2 21	12 40.95	- 3 22.0	1.651	2.497	14.5	21.1	2 21	12 46.52	- 7 53.4	2.417	3.218	11.9	20.7
3 2	12 37.23	- 1 59.3	1.558	2.479	10.7	20.8	3 2	12 40.44	- 7 38.5	2.339	3.230	9.0	20.5
3 12	12 31.21	- 0 17.4	1.489	2.460	6.4	20.5	3 12	12 32.70	- 7 11.7	2.287	3.242	5.7	20.3
3 22	12 23.55	+ 1 36.6	1.446	2.441	2.0	20.2	3 22	12 23.90	- 6 35.6	2.263	3.253	2.3	20.1
4 1	12 15.20	+ 3 32.5	1.432	2.421	4.3	20.3	4 1	12 14.83	- 5 54.1	2.269	3.263	2.1	20.1
4 11	12 7.34	+ 5 19.0	1.445	2.402	9.2	20.5	4 11	12 6.29	- 5 11.8	2.306	3.273	5.5	20.3
4 21	12 0.98	+ 6 47.1	1.482	2.382	13.7	20.7	4 21	11 58.98	- 4 33.4	2.371	3.281	8.7	20.6
5 1	11 56.89	+ 7 51.1	1.540	2.362	17.6	20.9	5 1	11 53.40	- 4 2.7	2.461	3.289	11.6	20.7
<b>433720</b>	2014 <i>YS</i> <sub>21</sub>		3 25.9 207°68	7°2/ 1.9	17		<b>62991</b>	2000 <i>WG</i> <sub>7</sub>		3 25.9 227°08	4.1/21.9	17	
2 21	12 45.82	-23 28.7	2.087	2.820	15.7	20.9	2 21	12 45.83	+ 6 1.5	1.924	2.773	12.6	19.9
3 2	12 40.55	-24 9.8	1.994	2.817	13.4	20.7	3 2	12 40.49	+ 7 11.6	1.841	2.761	9.3	19.7
3 12	12 33.09	-24 28.9	1.921	2.815	10.7	20.5	3 12	12 33.01	+ 8 27.7	1.782	2.749	6.0	19.4
3 22	12 24.07	-24 23.9	1.873	2.812	8.4	20.4	3 22	12 24.05	+ 9 42.3	1.751	2.735	4.1	19.3
4 1	12 14.43	-23 55.2	1.850	2.808	7.2	20.3	4 1	12 14.56	+10 47.5	1.749	2.721	6.1	19.4
4 11	12 5.26	-23 6.9	1.855	2.805	8.0	20.3	4 11	12 5.58	+11 36.4	1.774	2.706	9.7	19.5
4 21	11 57.51	-22 5.8	1.885	2.801	10.3	20.5	4 21	11 58.04	+12 5.2	1.825	2.690	13.2	19.7
5 1	11 51.92	-20 59.8	1.939	2.797	13.0	20.6	5 1	11 52.62	+12 12.5	1.896	2.674	16.3	19.9
<b>152274</b>	2005 <i>SD</i> <sub>231</sub>		3 25.9 72°40	2°6/23.1	18		<b>12477</b>	Haiku		3 25.9 327°73	0°4/26.3	18	
2 21	12 41.35	- 0 29.7	1.690	2.541	14.0	19.1	2 21	12 40.96	- 5 46.3	1.363	2.212	16.8	17.6
3 2	12 37.06	+ 1 9.0	1.638	2.562	10.1	18.9	3 2	12 37.58	- 5 17.5	1.282	2.201	12.7	17.3
3 12	12 30.80	+ 2 58.9	1.612	2.583	5.9	18.7	3 12	12 31.58	- 4 29.4	1.223	2.191	7.8	17.0
3 22	12 23.34	+ 4 50.9	1.613	2.604	2.7	18.5	3 22	12 23.69	- 3 26.6	1.187	2.181	2.4	16.6
4 1	12 15.68	+ 6 35.0	1.642	2.626	4.9	18.7	4 1	12 15.09	- 2 17.2	1.177	2.172	3.3	16.7
4 11	12 8.80	+ 8 2.5	1.699	2.647	8.8	19.0	4 11	12 7.16	- 1 11.1	1.192	2.163	8.8	17.0
4 21	12 3.49	+ 9 8.2	1.781	2.667	12.5	19.2	4 21	12 1.05	- 0 16.9	1.229	2.155	13.8	17.2
5 1	12 0.25	+ 9 50.1	1.883	2.688	15.5	19.5	5 1	11 57.60	+ 0 19.3	1.287	2.148	18.1	17.4
<b>338620</b>	2003 <i>SF</i> <sub>241</sub>		3 25.9 296°19	0°2/25.9	17		<b>140554</b>	2001 <i>TK</i> <sub>203</sub>		3 25.9 53°15	8°2/17.1	18	
2 21	12 45.33	- 2 31.5	1.836	2.671	13.7	20.8	2 21	12 45.24	+22 15.6	2.090	2.935	11.9	19.3
3 2	12 40.31	- 2 29.2	1.739	2.652	10.3	20.6	3 2	12 39.71	+23 19.8	2.044	2.942	9.8	19.1
3 12	12 33.02	- 2 17.0	1.666	2.632	6.3	20.3	3 12	12 32.31	+24 13.5	2.023	2.949	8.4	19.1
3 22	12 24.08	- 1 57.9	1.619	2.613	1.8	20.0	3 22	12 23.79	+24 49.4	2.028	2.957	8.4	19.1
4 1	12 14.44	- 1 36.3	1.600	2.594	2.9	20.0	4 1	12 15.07	+25 2.5	2.059	2.965	9.8	19.2
4 11	12 5.24	- 1 17.5	1.608	2.575	7.5	20.2	4 11	12 7.12	+24 50.6	2.114	2.973	11.8	19.3
4 21	11 57.47	- 1 6.2	1.643	2.556	11.8	20.4	4 21	12 0.67	+24 14.9	2.191	2.981	14.0	19.5
5 1	11 51.91	- 1 6.0	1.699	2.537	15.5	20.6	5 1	11 56.22	+23 18.3	2.287	2.989	15.9	19.6
<b>178726</b>	2000 <i>SZ</i> <sub>298</sub>		3 25.9 151°90	1°6/28.0	18		<b>522764</b>	2016 <i>NX</i> <sub>75</sub>		3 26.0 218°83	4°1/20.6	17	
2 21	12 42.23	- 9 37.6	2.951	3.743	10.2	21.2	2 21	12 40.36	+ 9 17.1	2.439	3.291	10.2	21.8
3 2	12 37.08	- 9 30.9	2.867	3.751	7.8	21.0	3 2	12 35.97	+10 23.4	2.367	3.288	7.6	21.6
3 12	12 30.61	- 9 13.8	2.808	3.758	5.1	20.8	3 12	12 30.06	+11 31.0	2.322	3.285	5.1	21.4
3 22	12 23.29	- 8 47.9	2.778	3.765	2.4	20.7	3 22	12 23.16	+12 34.1	2.306	3.282	4.2	21.4
4 1	12 15.72	- 8 16.0	2.779	3.771	2.0	20.6	4 1	12 15.96	+13 26.9	2.318	3.278	5.7	21.5
4 11	12 8.54	- 7 41.8	2.809	3.777	4.5	20.8	4 11	12 9.22	+14 4.9	2.357	3.275	8.3	21.6
4 21	12 2.29	- 7 8.8	2.868	3.783	7.2	21.0	4 21	12 3.56	+14 25.8	2.422	3.271	11.0	21.8
5 1	11 57.40	- 6 40.3	2.953	3.788	9.7	21.2	5 1	11 59.46	+14 28.9	2.508	3.267	13.3	21.9
<b>367134</b>	2006 <i>TZ</i> <sub>7</sub>		3 25.9 116°49	8°7/ 3.7	17		<b>471178</b>	2010 <i>JW</i> <sub>157</sub>		3 26.0 215°66	2°1/28.7	17	
2 21	12 42.64	-29 6.3	1.098	1.862	25.3	20.6	2 21	12 39.90	-12 19.5	2.505	3.298	11.8	21.7
3 2	12 39.46	-28 16.6	1.025	1.870	21.6	20.4	3 2	12 35.67	-11 51.4	2.412	3.294	9.2	21.5
3 12	12 32.92	-26 31.1	0.967	1.877	17.0	20.1	3 12	12 29.91	-11 7.8	2.342	3.290	6.2	21.3
3 22	12 24.08	-23 47.8	0.928	1.883	12.2	19.8	3 22	12 23.13	-10 11.2	2.300	3.285	3.2	21.1
4 1	12 14.57	-20 14.7	0.912	1.890	8.9	19.7	4 1	12 16.00	- 9 5.3	2.288	3.280	2.4	21.0
4 11	12 6.25	-16 13.3	0.921	1.896	10.1	19.8	4 11	12 9.27	- 7 55.7	2.304	3.275	5.2	21.2
4 21	12 0.51	-12 11.0	0.956	1.902	14.4	20.0	4 21	12 3.57	- 6 48.2	2.349	3.270	8.3	21.4
5 1	11 58.13	- 8 32.0	1.013	1.907	19.2	20.3	5 1	11 59.41	- 5 47.7	2.419	3.264	11.2	21.6
<b>170925</b>	2004 <i>YY</i> <sub>22</sub>		3 25.9 185°51	0°8/25.2	18		<b>366839</b>	2005 <i>PF</i>		3 26.0 204°64	4°0/20.3	17	

EPHEMERIDES

3 26.0

3 26.0

2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$	2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$
<b>338373</b>	Fonóalbert		3 26.0	74°91'	7°0'/17.4	18	<b>63617</b>	2001 QO <sub>78</sub>		3 26.0	198°30'	0°5'/25.5	18
2 21	12 41.67	+17 32.4	2.165	3.020	11.2	20.6	2 21	12 45.11	- 4 43.8	1.875	2.703	13.8	19.8
3 2	12 37.06	+18 55.7	2.116	3.026	8.9	20.4	3 2	12 39.96	- 3 47.9	1.791	2.700	10.3	19.6
3 12	12 30.74	+20 13.1	2.092	3.033	7.2	20.3	3 12	12 32.69	- 2 36.8	1.730	2.696	6.2	19.3
3 22	12 23.35	+21 17.3	2.094	3.040	7.2	20.3	3 22	12 23.98	- 1 15.7	1.697	2.692	1.7	19.0
4 1	12 15.73	+22 1.9	2.124	3.047	8.7	20.4	4 1	12 14.78	+ 0 8.0	1.693	2.686	3.1	19.1
4 11	12 8.72	+22 23.5	2.179	3.054	10.9	20.6	4 11	12 6.14	+ 1 26.0	1.718	2.680	7.5	19.4
4 21	12 3.03	+22 21.7	2.257	3.060	13.2	20.8	4 21	11 58.98	+ 2 31.5	1.769	2.673	11.6	19.6
5 1	11 59.14	+21 58.2	2.353	3.067	15.2	20.9	5 1	11 53.93	+ 3 20.0	1.843	2.665	15.1	19.8
<b>329858</b>	2004 VS <sub>23</sub>		3 26.0	202°01'	4°6'/31.4	17	<b>505770</b>	2015 BN <sub>252</sub>		3 26.0	324°91'	2°3'/27.9	17
2 21	12 42.08	-19 24.6	2.279	3.037	13.9	20.7	2 21	12 40.83	- 9 38.9	1.630	2.457	15.6	20.3
3 2	12 37.50	-19 17.3	2.184	3.034	11.4	20.5	3 2	12 37.21	- 9 35.8	1.539	2.442	12.1	20.0
3 12	12 31.11	-18 49.4	2.111	3.031	8.5	20.3	3 12	12 31.25	- 9 14.3	1.469	2.427	8.0	19.7
3 22	12 23.50	-18 1.2	2.064	3.027	5.8	20.1	3 22	12 23.62	- 8 36.4	1.424	2.413	3.8	19.4
4 1	12 15.45	-16 55.9	2.044	3.024	4.6	20.1	4 1	12 15.30	- 7 46.6	1.405	2.399	3.1	19.3
4 11	12 7.86	-15 39.0	2.053	3.019	6.1	20.1	4 11	12 7.49	- 6 52.2	1.412	2.386	7.3	19.6
4 21	12 1.48	-14 17.5	2.090	3.015	9.0	20.3	4 21	12 1.22	- 6 0.8	1.444	2.374	11.8	19.8
5 1	11 56.91	-12 58.7	2.151	3.010	11.9	20.5	5 1	11 57.27	- 5 19.2	1.497	2.363	15.8	20.0
<b>415761</b>	2000 SF <sub>23</sub>		3 26.0	247°27'	1°5'/24.7	17	<b>105824</b>	2000 SW <sub>143</sub>		3 26.0	160°68'	0°3'/25.6	17
2 21	12 50.55	+ 0 33.4	2.106	2.932	12.6	22.6	2 21	12 40.82	- 3 15.7	2.911	3.730	9.6	21.0
3 2	12 44.00	+ 0 57.6	1.998	2.907	9.4	22.3	3 2	12 36.06	- 2 45.2	2.830	3.736	7.1	20.8
3 12	12 35.20	+ 1 29.9	1.916	2.882	5.7	22.1	3 12	12 30.02	- 2 7.0	2.776	3.741	4.2	20.7
3 22	12 24.74	+ 2 6.2	1.862	2.855	1.9	21.8	3 22	12 23.16	- 1 24.1	2.751	3.745	1.2	20.4
4 1	12 13.54	+ 2 41.2	1.839	2.828	3.6	21.8	4 1	12 16.07	- 0 40.4	2.757	3.750	2.0	20.5
4 11	12 2.66	+ 3 9.5	1.845	2.799	7.8	22.0	4 11	12 9.36	+ 0 0.3	2.792	3.753	5.0	20.7
4 21	11 53.11	+ 3 26.9	1.879	2.769	11.7	22.2	4 21	12 3.57	+ 0 34.6	2.856	3.757	7.8	20.9
5 1	11 45.65	+ 3 30.5	1.936	2.738	15.2	22.4	5 1	11 59.10	+ 0 59.9	2.945	3.760	10.2	21.1
<b>451694</b>	2013 CG <sub>22</sub>		3 26.0	102°08'	0°1'/26.0	18	<b>405113</b>	2002 ED <sub>4</sub>		3 26.0	22°87'	0°4'/25.7	16
2 21	12 47.17	- 5 23.5	1.490	2.326	16.3	21.5	2 21	12 42.34	- 4 9.1	1.196	2.055	17.9	20.9
3 2	12 41.66	- 4 44.6	1.431	2.344	12.1	21.3	3 2	12 38.68	- 3 36.5	1.135	2.060	13.4	20.6
3 12	12 33.72	- 3 49.3	1.395	2.361	7.3	21.0	3 12	12 32.21	- 2 45.7	1.095	2.066	8.0	20.3
3 22	12 24.24	- 2 43.3	1.384	2.378	2.1	20.7	3 22	12 23.88	- 1 43.2	1.078	2.073	2.2	20.0
4 1	12 14.45	- 1 34.7	1.400	2.394	3.1	20.8	4 1	12 15.03	- 0 38.3	1.086	2.080	3.7	20.1
4 11	12 5.60	+ 0 32.3	1.444	2.411	8.1	21.2	4 11	12 7.14	+ 0 18.7	1.118	2.089	9.4	20.5
4 21	11 58.68	+ 0 17.2	1.512	2.426	12.5	21.5	4 21	12 1.38	+ 1 0.1	1.172	2.098	14.4	20.8
5 1	11 54.31	+ 0 49.6	1.601	2.441	16.2	21.7	5 1	11 58.45	+ 1 21.4	1.246	2.107	18.6	21.0
<b>37722</b>	1996 TC <sub>13</sub>		3 26.0	156°66'	1°1'/24.7	17	<b>285961</b>	2001 RN <sub>66</sub>		3 26.0	130°91'	1°8'/28.0	17
2 21	12 43.17	- 1 28.5	2.344	3.174	11.3	21.2	2 21	12 45.03	- 9 13.5	2.612	3.406	11.3	20.8
3 2	12 38.03	- 0 38.5	2.270	3.182	8.3	21.0	3 2	12 39.29	- 9 20.4	2.531	3.416	8.7	20.7
3 12	12 31.29	+ 0 20.4	2.221	3.189	4.9	20.8	3 12	12 32.02	- 9 16.3	2.476	3.427	5.7	20.5
3 22	12 23.52	+ 1 23.6	2.201	3.195	1.5	20.5	3 22	12 23.76	- 9 2.8	2.450	3.436	2.8	20.3
4 1	12 15.48	+ 2 25.3	2.212	3.201	3.0	20.7	4 1	12 15.21	- 8 42.4	2.453	3.446	2.3	20.3
4 11	12 7.95	+ 3 20.2	2.252	3.207	6.5	20.9	4 11	12 7.13	- 8 18.9	2.487	3.455	5.1	20.5
4 21	12 1.59	+ 4 4.0	2.318	3.211	9.7	21.1	4 21	12 0.16	- 7 55.9	2.549	3.464	8.0	20.7
5 1	11 56.91	+ 4 34.1	2.409	3.216	12.5	21.3	5 1	11 54.77	- 7 37.0	2.636	3.472	10.7	20.9
<b>500345</b>	2012 SJ <sub>65</sub>		3 26.0	210°67'	1°2'/24.7	17	<b>165391</b>	2000 XB <sub>4</sub>		3 26.0	155°54'	7°0'/1.3	18
2 21	12 41.63	- 1 8.0	2.246	3.081	11.5	22.2	2 21	12 47.12	-21 50.1	1.798	2.551	17.2	20.4
3 2	12 37.04	- 0 25.8	2.164	3.078	8.5	22.0	3 2	12 41.72	-22 21.1	1.716	2.556	14.4	20.2
3 12	12 30.77	+ 0 25.5	2.107	3.075	5.0	21.8	3 12	12 33.90	-22 27.2	1.653	2.560	11.3	20.0
3 22	12 23.39	+ 1 21.3	2.078	3.072	1.6	21.5	3 22	12 24.38	-22 6.8	1.613	2.565	8.4	19.9
4 1	12 15.65	+ 2 16.2	2.078	3.068	3.1	21.6	4 1	12 14.27	-21 21.4	1.600	2.568	7.0	19.8
4 11	12 8.38	+ 3 4.6	2.107	3.064	6.7	21.9	4 11	12 4.80	-20 16.9	1.613	2.571	8.2	19.9
4 21	12 2.28	+ 3 42.2	2.163	3.060	10.1	22.1	4 21	11 57.02	-19 1.9	1.651	2.574	11.1	20.0
5 1	11 57.88	+ 4 6.2	2.241	3.056	13.0	22.2	5 1	11 51.68	-17 45.8	1.713	2.577	14.2	20.2
<b>31534</b>	1999 CE <sub>149</sub>		3 26.0	270°35'	0°1'/26.1	17	<b>204128</b>	2003 XU <sub>28</sub>		3 26.0	124°42'	0°2'/25.8	17
2 21	12 42.64	- 5 2.2	1.816	2.649	14.0	19.4	2 21	12 42.56	- 3 41.8	2.145	2.974	12.3	21.4
3 2	12 38.24	- 4 30.3	1.727	2.638	10.5	19.2	3 2	12 37.76	- 3 14.3	2.069	2.979	9.1	21.2
3 12	12 31.72	- 3 43.9	1.662	2.628	6.4	18.9	3 12	12 31.22	- 2 36.2	2.017	2.983	5.5	20.9
3 22	12 23.71	- 2 47.1	1.623	2.617	1.9	18.6	3 22	12 23.55	- 1 51.5	1.993	2.988	1.5	20.7
4 1	12 15.15	- 1 46.0	1.612	2.606	2.8	18.6	4 1	12 15.55	- 1 5.1	1.998	2.992	2.5	20.8
4 11	12 7.10	- 0 47.9	1.629	2.596	7.3	18.9	4 11	12 8.08	- 0 22.5	2.032	2.996	6.3	21.0
4 21	12 0.47	+ 0 0.8	1.671	2.585	11.5	19.1	4 21	12 1.88	+ 0 11.9	2.092	3.000	9.9	21.2
5 1	11 55.97	+ 0 35.4	1.735	2.574	15.2	19.3	5 1	11 57.47	+ 0 34.7	2.176	3.004	12.9	21.4
<b>20524</b>	Bustersikes		3 26.0	153°11'	3°0'/29.6	18	<b>5629</b>	Kuwana		3 26.0	106°45'	2°8'/22.5	18
2 21	12 42.36	-14 48.7	2.401	3.180	12.7	18.2	2 21	12 40.15	+ 3 35.0	2.264	3.112	11.0	16.7
3 2	12 37.50	-14 31.0	2.316	3.186	10.0	18.0	3 2	12 35.87	+ 4 42.6	2.197	3.119	8.0	16.5
3 12	12 31.00	-13 56.3	2.255	3.193	7.0	17.8	3 12	12 30.03	+ 5 55.7	2.157	3.126	4.8	16.4
3 22	12 23.45	-13 6.4	2.221	3.199	4.1	17.6	3 22	12 23.19	+ 7 8.4	2.145	3.133	2.8	16.2
4 1	12 15.58	-12 5.1	2.216	3.205	3.1	17.6	4 1	12 16.09	+ 8 14.4	2.162	3.140	4.5	16.4
4 11	12 8.20	-10 57.9	2.240	3.210	5.4	17.7	4 11	12 9.51	+ 9 8.3	2.208	3.147	7.6	16.6
4 21	12 1.97	- 9 50.7	2.292	3.214	8.4	17.9	4 21	12 4.08	+ 9 46.5	2.279	3.154	10.6	16.8
5 1	11 57.41	- 8 49.1	2.370	3.219	11.3	18.1	5 1	12 0.29	+10 7.5	2.372	3.160	13.2	16.9
<b>170464</b>	2003 UE <sub>209</sub>		3 26.0	176°93'	1°6'/27.8	17	<b>166567</b>	2002 RF <sub>113</sub>		3 26.0	157°24'	1°0'/24.9	17
2 21	12 42.10	- 9 37.8	2.266	3.072	12.5	20.8	2 21	12 4					

EPHEMERIDES

3 26.0

3 26.0

2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$	2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$
<b>41473</b>	2000 <i>PU</i> <sub>9</sub>		3 26.0 109°90	0°2/26.2	18		<b>143345</b>	2003 <i>AF</i> <sub>78</sub>		3 26.0 116°87	3°1/23.1	18	
2 21	12 47.74	- 5 15.1	1.694	2.521	15.1	19.9	2 21	12 46.87	+ 4 45.4	1.982	2.825	12.5	20.3
3 2	12 41.85	- 4 46.3	1.633	2.540	11.2	19.7	3 2	12 40.92	+ 5 31.6	1.924	2.842	9.1	20.1
3 12	12 33.76	- 4 3.4	1.594	2.559	6.8	19.5	3 12	12 33.09	+ 6 21.8	1.891	2.859	5.6	19.9
3 22	12 24.28	- 3 11.1	1.583	2.577	2.0	19.2	3 22	12 24.11	+ 7 9.9	1.886	2.875	3.1	19.8
4 1	12 14.52	- 2 15.8	1.599	2.594	2.8	19.3	4 1	12 14.91	+ 7 50.0	1.911	2.890	4.8	19.9
4 11	12 5.62	- 1 24.8	1.644	2.611	7.3	19.6	4 11	12 6.45	+ 8 17.3	1.963	2.905	8.2	20.2
4 21	11 58.45	- 0 43.8	1.715	2.627	11.4	19.9	4 21	11 59.49	+ 8 29.0	2.041	2.920	11.5	20.4
5 1	11 53.62	- 0 16.6	1.807	2.642	14.8	20.1	5 1	11 54.55	+ 8 24.7	2.141	2.933	14.3	20.6
<b>212998</b>	Tolbachik		3 26.0 225°35	3°6/29.5	18		<b>437189</b>	2012 <i>VB</i> <sub>100</sub>		3 26.0 310°39	1°4/27.6	18	
2 21	12 41.76	-18 45.1	1.252	2.058	20.6	19.7	2 21	12 40.64	- 8 44.4	2.169	2.983	12.7	20.5
3 2	12 38.45	-17 17.0	1.167	2.054	16.4	19.4	3 2	12 36.44	- 8 24.7	2.082	2.980	9.7	20.3
3 12	12 32.23	-15 4.6	1.102	2.050	11.4	19.1	3 12	12 30.50	- 7 50.7	2.019	2.976	6.2	20.1
3 22	12 23.94	-12 11.7	1.061	2.045	6.0	18.8	3 22	12 23.39	- 7 5.3	1.982	2.973	2.6	19.8
4 1	12 14.93	- 8 51.0	1.046	2.040	3.9	18.6	4 1	12 15.89	- 6 12.7	1.975	2.969	2.3	19.8
4 11	12 6.75	- 5 22.8	1.058	2.035	8.8	18.9	4 11	12 8.84	- 5 18.7	1.995	2.966	5.9	20.0
4 21	12 0.68	- 2 8.4	1.096	2.029	14.4	19.1	4 21	12 2.98	- 4 28.9	2.042	2.963	9.4	20.2
5 1	11 57.54	+ 0 36.4	1.156	2.023	19.3	19.4	5 1	11 58.87	- 3 48.1	2.114	2.960	12.6	20.4
<b>235358</b>	2003 <i>UJ</i> <sub>343</sub>		3 26.0 1°45	1°6/27.7	18		<b>497191</b>	2004 <i>TT</i> <sub>150</sub>		3 26.0 152°89	1°3/27.6	17	
2 21	12 37.39	-10 52.8	1.561	2.391	16.0	19.7	2 21	12 41.88	- 9 46.3	2.203	3.010	12.7	22.3
3 2	12 34.57	-10 1.4	1.484	2.390	12.3	19.5	3 2	12 37.27	- 9 7.7	2.122	3.016	9.7	22.1
3 12	12 29.58	- 8 46.3	1.429	2.389	7.9	19.2	3 12	12 30.94	- 8 13.5	2.065	3.021	6.2	21.9
3 22	12 23.12	- 7 12.3	1.399	2.390	3.3	18.9	3 22	12 23.51	- 7 7.0	2.036	3.026	2.6	21.6
4 1	12 16.20	- 5 27.8	1.395	2.390	2.7	18.9	4 1	12 15.74	- 5 53.6	2.036	3.031	2.2	21.6
4 11	12 9.93	- 3 43.5	1.418	2.392	7.3	19.2	4 11	12 8.50	- 4 39.8	2.065	3.035	5.8	21.8
4 21	12 5.21	- 2 9.3	1.466	2.394	11.8	19.4	4 21	12 2.48	- 3 31.8	2.122	3.039	9.3	22.1
5 1	12 2.70	- 0 52.8	1.535	2.398	15.6	19.7	5 1	11 58.21	- 2 34.6	2.203	3.042	12.4	22.3
<b>508366</b>	2016 <i>EL</i> <sub>200</sub>		3 26.0 283°89	5°2/21.8	17		<b>54566</b>	2000 <i>QW</i> <sub>151</sub>		3 26.0 288°60	1°4/27.6	18	
2 21	12 48.48	+10 52.2	1.843	2.693	13.0	21.0	2 21	12 40.48	- 8 46.6	2.221	3.034	12.4	19.6
3 2	12 42.62	+11 25.6	1.756	2.674	9.9	20.8	3 2	12 36.35	- 8 27.2	2.125	3.022	9.5	19.4
3 12	12 34.41	+11 58.4	1.693	2.655	6.8	20.6	3 12	12 30.48	- 7 53.6	2.052	3.009	6.2	19.1
3 22	12 24.55	+12 23.6	1.657	2.636	5.2	20.4	3 22	12 23.40	- 7 8.3	2.007	2.997	2.6	18.9
4 1	12 14.07	+12 35.0	1.649	2.616	7.0	20.5	4 1	12 15.86	- 6 15.4	1.990	2.985	2.3	18.8
4 11	12 4.14	+12 28.0	1.668	2.597	10.4	20.6	4 11	12 8.71	- 5 20.6	2.002	2.972	5.9	19.0
4 21	11 55.78	+12 1.1	1.711	2.577	13.9	20.8	4 21	12 2.70	- 4 29.5	2.040	2.960	9.4	19.2
5 1	11 49.73	+11 14.9	1.775	2.557	17.1	21.0	5 1	11 58.41	- 3 47.1	2.102	2.948	12.6	19.4
<b>504042</b>	2005 <i>UX</i> <sub>419</sub>		3 26.0 220°26	2°1/28.7	17		<b>88921</b>	2001 <i>TR</i> <sub>12</sub>		3 26.0 193°18	2°6/23.6	18	
2 21	12 42.92	-12 56.4	2.458	3.244	12.2	24.3	2 21	12 47.19	+ 2 0.1	1.864	2.705	13.3	20.5
3 2	12 38.01	-12 20.6	2.354	3.232	9.6	24.1	3 2	12 41.49	+ 2 52.9	1.786	2.704	9.8	20.3
3 12	12 31.41	-11 27.6	2.274	3.220	6.5	23.9	3 12	12 33.63	+ 3 54.0	1.733	2.701	5.9	20.0
3 22	12 23.65	-10 19.7	2.223	3.207	3.3	23.7	3 22	12 24.32	+ 4 57.3	1.707	2.698	2.7	19.8
4 1	12 15.45	- 9 1.1	2.201	3.193	2.5	23.6	4 1	12 14.54	+ 5 55.5	1.710	2.694	4.6	19.9
4 11	12 7.61	- 7 38.0	2.209	3.179	5.5	23.8	4 11	12 5.38	+ 6 41.8	1.741	2.689	8.6	20.1
4 21	12 0.86	- 6 16.9	2.246	3.163	8.8	24.0	4 21	11 57.75	+ 7 12.0	1.798	2.684	12.4	20.4
5 1	11 55.76	- 5 3.6	2.308	3.147	11.9	24.1	5 1	11 52.31	+ 7 23.8	1.876	2.677	15.7	20.6
<b>382202</b>	2012 <i>PB</i> <sub>3</sub>		3 26.0 243°59	1°3/27.3	17		<b>162611</b>	2000 <i>SN</i> <sub>99</sub>		3 26.0 163°30	1°9/27.9	18	
2 21	12 42.71	- 7 53.0	2.148	2.963	12.8	21.7	2 21	12 45.29	-10 27.6	1.818	2.627	14.9	20.5
3 2	12 38.01	- 7 37.9	2.058	2.956	9.7	21.5	3 2	12 40.14	- 9 59.9	1.738	2.632	11.5	20.3
3 12	12 31.47	- 7 9.2	1.991	2.949	6.2	21.2	3 12	12 32.83	- 9 13.5	1.682	2.637	7.5	20.1
3 22	12 23.68	- 6 29.5	1.950	2.941	2.5	21.0	3 22	12 24.09	- 8 11.4	1.651	2.640	3.3	19.8
4 1	12 15.42	- 5 43.0	1.939	2.934	2.3	20.9	4 1	12 14.90	- 6 59.6	1.649	2.643	2.7	19.8
4 11	12 7.62	- 4 55.4	1.957	2.926	6.1	21.2	4 11	12 6.35	- 5 45.9	1.675	2.646	6.8	20.0
4 21	12 1.04	- 4 11.9	2.001	2.919	9.7	21.4	4 21	11 59.35	- 4 37.8	1.728	2.648	10.8	20.3
5 1	11 56.29	- 3 37.2	2.069	2.911	13.0	21.6	5 1	11 54.55	- 3 41.5	1.803	2.650	14.4	20.5
<b>465753</b>	2009 <i>WE</i> <sub>45</sub>		3 26.0 222°07	5°9/19.6	17		<b>221249</b>	2005 <i>UE</i> <sub>252</sub>		3 26.0 147°20	0°6/26.7	16	
2 21	12 46.37	+14 30.3	2.239	3.085	11.2	21.9	2 21	12 44.84	- 6 26.8	2.390	3.200	11.8	22.0
3 2	12 40.61	+15 31.8	2.164	3.075	8.7	21.7	3 2	12 39.26	- 6 1.5	2.313	3.211	8.8	21.9
3 12	12 32.97	+16 30.5	2.115	3.066	6.5	21.6	3 12	12 32.06	- 5 24.8	2.262	3.222	5.5	21.7
3 22	12 24.10	+17 19.8	2.094	3.055	5.9	21.5	3 22	12 23.82	- 4 40.0	2.239	3.232	1.9	21.4
4 1	12 14.83	+17 53.5	2.101	3.044	7.5	21.6	4 1	12 15.31	- 3 51.3	2.247	3.241	2.1	21.5
4 11	12 6.09	+18 7.5	2.136	3.033	10.1	21.7	4 11	12 7.33	- 3 3.8	2.284	3.250	5.6	21.7
4 21	11 58.67	+18 0.6	2.194	3.021	12.7	21.9	4 21	12 0.54	- 2 22.1	2.349	3.258	8.9	21.9
5 1	11 53.14	+17 33.8	2.273	3.008	15.1	22.0	5 1	11 55.44	- 1 49.7	2.439	3.265	11.7	22.1
<b>490511</b>	2009 <i>UC</i> <sub>85</sub>		3 26.0 166°66	0°8/26.9	17		<b>452524</b>	2004 <i>TL</i> <sub>58</sub>		3 26.0 94°97	0°6/25.6	18	
2 21	12 42.21	- 7 48.7	2.055	2.873	13.1	21.9	2 21	12 50.02	- 2 34.3	1.570	2.405	15.7	21.5
3 2	12 37.63	- 7 11.7	1.974	2.876	9.9	21.7	3 2	12 43.61	- 2 10.8	1.515	2.428	11.5	21.3
3 12	12 31.21	- 6 19.5	1.917	2.878	6.2	21.5	3 12	12 34.84	- 1 35.6	1.484	2.451	6.9	21.1
3 22	12 23.59	- 5 16.1	1.887	2.879	2.2	21.2	3 22	12 24.63	- 0 53.8	1.479	2.474	1.9	20.8
4 1	12 15.59	- 4 7.0	1.886	2.881	2.3	21.2	4 1	12 14.20	- 0 12.0	1.503	2.496	3.3	21.0
4 11	12 8.13	- 2 59.0	1.914	2.882	6.3	21.5	4 11	12 4.77	+ 0 23.0	1.554	2.517	8.0	21.3
4 21	12 1.96	- 1 58.3	1.968	2.883	10.0	21.7	4 21	11 57.29	+ 0 46.7	1.630	2.538	12.1	21.6
5 1	11 57.66	- 1 9.8	2.046	2.884	13.2	21.9	5 1	11 52.31	+ 0 56.1	1.727	2.559	15.6	21.9
<b>224507</b>	2005 <i>WJ</i> <sub>35</sub>		3 26.0 205°76	2°0/23.8	18		<b>130442</b>	2000 <i>QL</i> <sub>24</sub>		3 26.0 264°67	3°2/28.4		

EPHEMERIDES

3 26.0

3 26.0

2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$	2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$
<b>160161</b>	2001 <i>SF</i> <sub>283</sub>		3 26.0 120°51		3°3/22.8 18		<b>148395</b>	2000 <i>UL</i> <sub>38</sub>		3 26.0 200°23		0°9/27.3 18	
2 21	12 49.12	+ 7 11.0	2.275	3.111	11.4	20.2	2 21	12 40.41	- 8 3.8	3.206	4.005	9.3	21.5
3 2	12 42.32	+ 7 44.8	2.218	3.132	8.4	20.0	3 2	12 35.75	- 7 38.0	3.110	4.000	7.1	21.3
3 12	12 33.82	+ 8 19.7	2.188	3.152	5.2	19.8	3 12	12 29.88	- 7 2.6	3.040	3.995	4.5	21.1
3 22	12 24.32	+ 8 50.6	2.186	3.171	3.3	19.7	3 22	12 23.21	- 6 19.6	2.999	3.989	1.8	20.9
4 1	12 14.66	+ 9 12.9	2.215	3.190	4.8	19.9	4 1	12 16.28	- 5 32.1	2.989	3.983	1.6	20.9
4 11	12 5.71	+ 9 23.2	2.273	3.208	7.7	20.1	4 11	12 9.64	- 4 44.0	3.009	3.977	4.4	21.1
4 21	11 58.17	+ 9 19.9	2.358	3.225	10.6	20.3	4 21	12 3.80	- 3 58.9	3.059	3.969	7.0	21.2
5 1	11 52.50	+ 9 3.0	2.466	3.241	13.1	20.5	5 1	11 59.18	- 3 20.0	3.134	3.961	9.4	21.4
<b>96052</b>	2134 <i>P-L</i>		3 26.0 108°53		0°8/26.9 18		<b>40784</b>	1999 <i>TV</i> <sub>28</sub>		3 26.0 163°80		0°3/26.4 18	
2 21	12 44.84	- 6 45.0	2.050	2.867	13.2	20.3	2 21	12 42.71	- 5 42.9	2.167	2.989	12.4	19.8
3 2	12 39.47	- 6 24.3	1.982	2.883	9.9	20.1	3 2	12 37.92	- 5 11.3	2.087	2.992	9.3	19.6
3 12	12 32.26	- 5 50.8	1.938	2.898	6.2	19.9	3 12	12 31.37	- 4 27.3	2.031	2.994	5.7	19.4
3 22	12 23.90	- 5 7.8	1.921	2.913	2.2	19.7	3 22	12 23.67	- 3 34.7	2.003	2.997	1.8	19.1
4 1	12 15.27	- 4 20.3	1.933	2.928	2.3	19.7	4 1	12 15.62	- 2 38.5	2.004	2.999	2.3	19.2
4 11	12 7.28	- 3 33.9	1.974	2.942	6.2	20.0	4 11	12 8.09	- 1 44.7	2.034	3.001	6.2	19.4
4 21	12 0.68	- 2 53.8	2.042	2.956	9.7	20.2	4 21	12 1.80	- 0 58.4	2.091	3.002	9.7	19.6
5 1	11 56.01	- 2 24.0	2.134	2.970	12.8	20.5	5 1	11 57.29	- 0 23.4	2.172	3.003	12.8	19.8
<b>230872</b>	2004 <i>RG</i> <sub>199</sub>		3 26.0 157°72		2°6/29.1 18 R		<b>6208</b>	Wakata		3 26.0 44°35		0°7/26.5 18	
2 21	12 44.64	-13 1.2	2.582	3.361	11.9	21.5	2 21	12 44.54	- 6 18.4	1.238	2.086	18.2	17.0
3 2	12 39.09	-12 56.5	2.496	3.369	9.3	21.3	3 2	12 40.29	- 5 55.0	1.176	2.094	13.7	16.7
3 12	12 31.97	-12 37.7	2.436	3.376	6.4	21.2	3 12	12 33.21	- 5 11.7	1.135	2.102	8.5	16.5
3 22	12 23.82	-12 6.3	2.403	3.383	3.6	21.0	3 22	12 24.26	- 4 13.8	1.117	2.111	2.8	16.2
4 1	12 15.35	-11 25.1	2.399	3.389	2.8	20.9	4 1	12 14.79	- 3 9.7	1.124	2.120	3.3	16.2
4 11	12 7.35	-10 38.7	2.426	3.394	5.2	21.1	4 11	12 6.31	- 2 9.5	1.156	2.129	8.8	16.6
4 21	12 0.45	- 9 51.9	2.481	3.399	8.1	21.3	4 21	11 59.96	- 1 21.6	1.211	2.138	13.8	16.9
5 1	11 55.16	- 9 9.2	2.562	3.404	10.8	21.5	5 1	11 56.46	- 0 51.4	1.286	2.148	18.0	17.1
<b>340597</b>	2006 <i>QN</i> <sub>21</sub>		3 26.0 126°40		2°1/22.7 17		<b>180095</b>	2003 <i>EA</i> <sub>46</sub>		3 26.0 313°81		3°7/28.2 18 R	
2 21	12 40.23	+ 3 9.4	3.033	3.869	8.9	21.7	2 21	12 50.75	- 9 44.6	2.004	2.800	14.2	18.9
3 2	12 35.54	+ 4 17.6	2.971	3.887	6.4	21.6	3 2	12 44.55	-10 44.7	1.885	2.768	11.3	18.6
3 12	12 29.68	+ 5 29.9	2.937	3.905	3.8	21.5	3 12	12 35.82	-11 35.4	1.791	2.736	7.9	18.3
3 22	12 23.12	+ 6 41.6	2.934	3.922	2.2	21.4	3 22	12 25.11	-12 15.4	1.724	2.705	4.6	18.0
4 1	12 16.41	+ 7 48.2	2.962	3.939	3.5	21.5	4 1	12 13.34	-12 44.6	1.686	2.674	4.0	17.9
4 11	12 10.11	+ 8 45.5	3.019	3.955	5.9	21.7	4 11	12 1.70	-13 4.5	1.677	2.643	7.3	18.1
4 21	12 4.70	+ 9 30.6	3.105	3.971	8.3	21.8	4 21	11 51.35	-13 18.6	1.695	2.612	11.2	18.2
5 1	12 0.54	+10 2.1	3.214	3.986	10.4	22.0	5 1	11 43.24	-13 31.3	1.737	2.582	14.9	18.4
<b>500396</b>	2012 <i>TY</i> <sub>91</sub>		3 26.0 56°21		3°5/22.7 18		<b>130874</b>	2000 <i>VK</i> <sub>3</sub>		3 26.0 129°31		0°2/26.2 18	
2 21	12 44.77	+ 7 2.5	2.031	2.880	12.0	20.7	2 21	12 47.23	- 5 19.6	1.828	2.652	14.3	20.6
3 2	12 39.43	+ 7 33.9	1.966	2.886	8.8	20.5	3 2	12 41.43	- 4 50.0	1.760	2.666	10.7	20.4
3 12	12 32.25	+ 8 7.0	1.926	2.893	5.6	20.3	3 12	12 33.54	- 4 6.8	1.716	2.680	6.5	20.2
3 22	12 23.90	+ 8 36.4	1.914	2.900	3.5	20.2	3 22	12 24.31	- 3 14.4	1.700	2.693	2.0	19.9
4 1	12 15.28	+ 8 57.0	1.931	2.907	5.1	20.3	4 1	12 14.76	- 2 18.9	1.712	2.706	2.6	20.0
4 11	12 7.30	+ 9 4.8	1.975	2.915	8.3	20.5	4 11	12 5.95	- 1 27.1	1.752	2.718	7.0	20.3
4 21	12 0.73	+ 8 57.9	2.044	2.922	11.5	20.7	4 21	11 58.75	- 0 44.5	1.819	2.729	11.0	20.6
5 1	11 56.10	+ 8 36.0	2.135	2.929	14.2	20.9	5 1	11 53.73	- 0 15.1	1.908	2.740	14.3	20.8
<b>507316</b>	2011 <i>QS</i> <sub>65</sub>		3 26.0 197°12		5°9/2.8 18		<b>230838</b>	2004 <i>PU</i> <sub>89</sub>		3 26.0 190°17		0°2/25.8 17	
2 21	12 42.78	-25 18.4	2.805	3.511	12.7	21.9	2 21	12 42.93	- 4 23.0	2.633	3.449	10.6	21.9
3 2	12 37.83	-25 40.2	2.706	3.508	10.8	21.8	3 2	12 37.82	- 3 43.2	2.545	3.448	7.9	21.7
3 12	12 31.29	-25 43.4	2.628	3.505	8.8	21.6	3 12	12 31.22	- 2 53.3	2.482	3.446	4.8	21.5
3 22	12 23.65	-25 27.3	2.575	3.502	7.0	21.5	3 22	12 23.63	- 1 57.0	2.449	3.443	1.4	21.2
4 1	12 15.59	-24 52.5	2.549	3.499	6.0	21.4	4 1	12 15.72	- 0 58.8	2.446	3.439	2.2	21.3
4 11	12 7.89	-24 2.5	2.551	3.495	6.5	21.4	4 11	12 8.22	- 0 3.6	2.474	3.435	5.6	21.5
4 21	12 1.22	-23 2.2	2.581	3.491	8.1	21.5	4 21	12 1.73	+ 0 44.3	2.529	3.430	8.7	21.7
5 1	11 56.12	-21 57.4	2.636	3.487	10.2	21.7	5 1	11 56.74	+ 1 21.5	2.610	3.424	11.4	21.9
<b>228547</b>	2001 <i>WM</i> <sub>95</sub>		3 26.0 214°57		1°5/27.6 17		<b>122557</b>	2000 <i>QJ</i> <sub>251</sub>		3 26.0 12°95		11°5/12.9 18	
2 21	12 43.55	- 9 20.3	2.107	2.915	13.2	21.6	2 21	12 34.10	+12 46.2	1.012	1.912	16.9	18.1
3 2	12 38.68	- 8 56.7	2.015	2.909	10.1	21.4	3 2	12 32.97	+16 45.4	0.976	1.915	13.3	17.9
3 12	12 31.91	- 8 17.6	1.947	2.903	6.6	21.2	3 12	12 28.97	+20 43.4	0.964	1.919	11.5	17.8
3 22	12 23.85	- 7 25.7	1.907	2.896	2.8	20.9	3 22	12 23.05	+24 15.0	0.976	1.925	12.7	17.9
4 1	12 15.31	- 6 25.4	1.895	2.889	2.4	20.9	4 1	12 16.62	+26 59.2	1.011	1.932	16.0	18.1
4 11	12 7.23	- 5 23.3	1.912	2.882	6.2	21.1	4 11	12 11.20	+28 45.9	1.065	1.940	19.6	18.4
4 21	12 0.43	- 4 25.5	1.956	2.873	9.9	21.3	4 21	12 7.94	+29 35.8	1.136	1.949	22.9	18.6
5 1	11 55.52	- 3 37.2	2.023	2.865	13.2	21.5	5 1	12 7.48	+29 35.8	1.218	1.960	25.5	18.9
<b>203310</b>	2001 <i>TW</i> <sub>24</sub>		3 26.0 181°95		2°1/27.9 18		<b>407693</b>	2011 <i>UN</i> <sub>96</sub>		3 26.0 289°16		1°9/27.6 17	
2 21	12 46.74	-10 9.4	1.744	2.555	15.4	21.5	2 21	12 42.28	-10 9.1	1.400	2.232	17.4	21.1
3 2	12 41.36	- 9 52.6	1.662	2.556	11.9	21.3	3 2	12 38.63	- 9 38.1	1.315	2.221	13.5	20.8
3 12	12 33.66	- 9 17.2	1.602	2.556	7.8	21.0	3 12	12 32.31	- 8 42.8	1.250	2.211	8.8	20.5
3 22	12 24.37	- 8 25.8	1.568	2.556	3.5	20.8	3 22	12 24.06	- 7 26.3	1.209	2.200	3.7	20.2
4 1	12 14.55	- 7 23.7	1.561	2.556	2.9	20.7	4 1	12 15.04	- 5 56.4	1.194	2.189	3.1	20.1
4 11	12 5.36	- 6 18.6	1.583	2.554	7.1	21.0	4 11	12 6.66	- 4 23.8	1.204	2.178	8.3	20.4
4 21	11 57.81	- 5 18.2	1.631	2.552	11.3	21.2	4 21	12 0.10	- 2 59.5	1.238	2.168	13.4	20.6
5 1	11 52.59	- 4 28.6	1.702	2.550	15.0	21.4	5 1	11 56.22	- 1 52.1	1.293	2.158	17.8	20.9
<b>62861</b>	2000 <i>UO</i> <sub>80</sub>		3 26.0 283°75		3°9/30.1 17		<b>340659</b>	2006 <i>RF</i> <sub>17</sub>		3 26.0 176°86		0°3/25.7 18	

EPHEMERIDES

3 26.0

3 26.1

2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$	2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$
<b>326705</b>	2003 <i>BQ</i> <sub>66</sub>		3 26.0	81°96	4.9/20.7	18	<b>518698</b>	2008 <i>YK</i> <sub>175</sub>		3 26.1	44°73	1.5/27.5	17
2 21	12 42.10	+ 6 15.8	1.689	2.550	13.4	20.0	2 21	12 42.32	- 8 11.0	1.900	2.720	13.9	21.2
3 2	12 37.73	+ 8 3.0	1.639	2.566	9.8	19.9	3 2	12 37.82	- 8 0.3	1.829	2.730	10.6	21.0
3 12	12 31.33	+ 9 54.8	1.615	2.582	6.4	19.7	3 12	12 31.39	- 7 34.9	1.782	2.741	6.8	20.8
3 22	12 23.67	+11 41.0	1.617	2.598	5.0	19.6	3 22	12 23.72	- 6 57.9	1.760	2.751	2.8	20.5
4 1	12 15.75	+13 11.9	1.648	2.613	7.1	19.8	4 1	12 15.71	- 6 13.9	1.767	2.762	2.5	20.5
4 11	12 8.62	+14 20.2	1.705	2.629	10.5	20.0	4 11	12 8.33	- 5 29.0	1.801	2.773	6.3	20.8
4 21	12 3.07	+15 2.8	1.785	2.645	13.8	20.3	4 21	12 2.36	- 4 48.8	1.862	2.784	10.0	21.0
5 1	11 59.64	+15 19.7	1.885	2.660	16.5	20.5	5 1	11 58.38	- 4 18.0	1.945	2.796	13.3	21.2
<b>259560</b>	2003 <i>UH</i> <sub>158</sub>		3 26.0	87°42	1.8/27.6	18	<b>57128</b>	2001 <i>PG</i>		3 26.1	90°43	6.2/1.4	18
2 21	12 46.05	- 8 43.7	1.579	2.403	16.2	20.4	2 21	12 44.46	-21 36.5	1.833	2.590	16.8	18.6
3 2	12 40.90	- 8 33.2	1.512	2.414	12.3	20.2	3 2	12 39.60	-21 47.3	1.760	2.604	13.9	18.4
3 12	12 33.37	- 8 4.8	1.468	2.426	7.9	19.9	3 12	12 32.55	-21 32.7	1.707	2.619	10.7	18.2
3 22	12 24.30	- 7 21.8	1.448	2.438	3.3	19.7	3 22	12 24.07	-20 52.5	1.678	2.633	7.7	18.1
4 1	12 14.82	- 6 29.9	1.455	2.450	2.9	19.7	4 1	12 15.19	-19 49.9	1.675	2.648	6.2	18.0
4 11	12 6.16	- 5 36.9	1.490	2.462	7.3	20.0	4 11	12 7.02	-18 31.7	1.698	2.662	7.5	18.1
4 21	11 59.28	- 4 49.8	1.549	2.473	11.6	20.2	4 21	12 0.47	-17 6.9	1.748	2.675	10.3	18.3
5 1	11 54.85	- 4 14.2	1.630	2.484	15.3	20.5	5 1	11 56.17	-15 44.3	1.822	2.689	13.3	18.5
<b>178313</b>	1994 <i>TK</i> <sub>6</sub>		3 26.0	313°02	0°3/25.8	18	<b>271213</b>	2003 <i>TL</i> <sub>6</sub>		3 26.1	224°91	6.7/19.2	18
2 21	12 40.96	- 5 30.2	1.525	2.369	15.6	19.9	2 21	12 48.80	+18 22.8	2.278	3.117	11.3	20.7
3 2	12 37.36	- 4 40.9	1.444	2.361	11.7	19.7	3 2	12 42.37	+19 9.6	2.207	3.109	9.0	20.5
3 12	12 31.39	- 3 32.9	1.385	2.353	7.1	19.4	3 12	12 34.04	+19 49.9	2.162	3.102	7.2	20.4
3 22	12 23.77	- 2 11.8	1.351	2.346	2.0	19.0	3 22	12 24.49	+20 17.2	2.145	3.094	6.8	20.3
4 1	12 15.54	- 0 46.0	1.344	2.338	3.3	19.1	4 1	12 14.59	+20 26.3	2.155	3.085	8.1	20.4
4 11	12 7.94	+ 0 34.5	1.363	2.331	8.3	19.4	4 11	12 5.30	+20 14.3	2.193	3.077	10.4	20.5
4 21	12 1.99	+ 1 41.3	1.407	2.324	13.0	19.6	4 21	11 57.41	+19 41.6	2.254	3.068	12.9	20.7
5 1	11 58.42	+ 2 28.6	1.471	2.318	17.0	19.9	5 1	11 51.49	+18 49.9	2.337	3.058	15.1	20.8
<b>404670</b>	2014 <i>HD</i> <sub>151</sub>		3 26.0	259°53	1°1/26.9	17	<b>103929</b>	2001 <i>RF</i> <sub>21</sub>		3 26.1	138°56	0°3/26.3	18
2 21	12 46.85	- 7 37.4	1.590	2.415	16.0	23.1	2 21	12 48.74	- 5 5.6	1.679	2.505	15.2	21.2
3 2	12 41.95	- 7 12.2	1.488	2.393	12.3	22.8	3 2	12 42.77	- 4 43.5	1.609	2.516	11.4	20.9
3 12	12 34.35	- 6 27.4	1.408	2.370	7.8	22.5	3 12	12 34.46	- 4 7.3	1.563	2.527	7.0	20.7
3 22	12 24.70	- 5 25.9	1.353	2.346	2.9	22.1	3 22	12 24.63	- 3 21.3	1.543	2.537	2.1	20.4
4 1	12 14.09	- 4 13.9	1.326	2.321	3.0	22.0	4 1	12 14.40	- 2 31.4	1.551	2.546	2.8	20.5
4 11	12 3.88	- 3 0.4	1.326	2.296	8.3	22.3	4 11	12 4.96	- 1 45.0	1.588	2.554	7.5	20.8
4 21	11 55.31	- 1 54.4	1.351	2.269	13.4	22.5	4 21	11 57.28	- 1 7.7	1.650	2.562	11.7	21.0
5 1	11 49.35	- 1 3.3	1.397	2.243	17.8	22.7	5 1	11 52.01	- 0 43.8	1.734	2.570	15.3	21.3
<b>108649</b>	2001 <i>NT</i> <sub>15</sub>		3 26.0	138°84	12°2/12.4	18	<b>303253</b>	2004 <i>RD</i> <sub>35</sub>		3 26.1	181°83	2°4/23.8	18
2 21	12 49.30	-43 44.4	2.373	2.931	17.8	19.7	2 21	12 45.64	+ 0 26.6	1.759	2.603	13.8	21.7
3 2	12 43.42	-44 46.8	2.291	2.942	16.5	19.6	3 2	12 40.45	+ 1 31.0	1.685	2.604	10.2	21.5
3 12	12 35.00	-45 19.9	2.223	2.953	15.1	19.5	3 12	12 33.07	+ 2 46.3	1.635	2.604	6.0	21.2
3 22	12 24.82	-45 19.2	2.173	2.963	13.7	19.4	3 22	12 24.24	+ 4 5.4	1.612	2.604	2.5	21.0
4 1	12 14.00	-44 42.5	2.143	2.973	12.6	19.4	4 1	12 14.95	+ 5 20.2	1.618	2.604	4.6	21.1
4 11	12 3.85	-43 32.2	2.135	2.982	12.2	19.4	4 11	12 6.32	+ 6 22.7	1.651	2.602	8.7	21.4
4 21	11 55.46	-41 54.9	2.149	2.991	12.4	19.4	4 21	11 59.26	+ 7 7.7	1.710	2.600	12.7	21.6
5 1	11 49.60	-39 59.9	2.186	2.999	13.4	19.5	5 1	11 54.43	+ 7 32.5	1.789	2.598	16.0	21.8
<b>107650</b>	2001 <i>ER</i> <sub>21</sub>		3 26.0	315°40	8°3/30.6	18	<b>377408</b>	2004 <i>TA</i> <sub>66</sub>		3 26.1	159°21	2°3/23.6	17
2 21	12 48.21	-17 54.5	1.432	2.222	19.2	19.2	2 21	12 44.41	+ 2 50.7	2.201	3.041	11.6	21.2
3 2	12 43.45	-19 20.1	1.338	2.204	16.1	18.9	3 2	12 39.11	+ 3 32.4	2.129	3.046	8.5	21.0
3 12	12 35.54	-20 25.8	1.264	2.187	12.6	18.7	3 12	12 32.07	+ 4 19.6	2.082	3.050	5.1	20.8
3 22	12 25.11	-21 6.7	1.211	2.171	9.5	18.4	3 22	12 23.91	+ 5 7.4	2.064	3.054	2.4	20.7
4 1	12 13.43	-21 20.3	1.183	2.155	8.3	18.3	4 1	12 15.45	+ 5 50.2	2.074	3.058	4.0	20.8
4 11	12 2.12	-21 9.1	1.179	2.139	10.3	18.4	4 11	12 7.53	+ 6 23.2	2.114	3.061	7.4	21.0
4 21	11 52.75	-20 40.4	1.198	2.125	14.0	18.5	4 21	12 0.89	+ 6 43.2	2.179	3.064	10.6	21.2
5 1	11 46.46	-20 3.9	1.237	2.111	17.9	18.7	5 1	11 56.04	+ 6 48.6	2.268	3.067	13.4	21.4
<b>281266</b>	2007 <i>QF</i> <sub>2</sub>		3 26.0	164°53	3°3/30.3	17	<b>70453</b>	1999 <i>TS</i> <sub>19</sub>		3 26.1	92°72	13°2/11.3	18
2 21	12 41.48	-16 27.2	2.549	3.317	12.3	21.8	2 21	12 50.89	+33 10.4	1.747	2.567	15.0	18.4
3 2	12 36.85	-16 8.2	2.459	3.321	9.8	21.6	3 2	12 44.26	+35 20.3	1.741	2.594	13.6	18.4
3 12	12 30.67	-15 32.0	2.394	3.325	7.0	21.4	3 12	12 35.20	+37 4.9	1.758	2.621	13.2	18.4
3 22	12 23.49	-14 40.2	2.355	3.328	4.4	21.3	3 22	12 24.78	+38 14.6	1.799	2.648	13.7	18.5
4 1	12 15.99	-13 36.0	2.345	3.331	3.3	21.2	4 1	12 14.33	+38 44.6	1.861	2.673	15.0	18.6
4 11	12 8.93	-12 24.9	2.365	3.334	5.2	21.3	4 11	12 5.13	+38 35.5	1.942	2.699	16.5	18.8
4 21	12 2.94	-11 12.7	2.413	3.336	8.0	21.5	4 21	11 58.07	+37 52.5	2.040	2.723	18.0	19.0
5 1	11 58.53	-10 4.9	2.486	3.338	10.7	21.7	5 1	11 53.63	+36 42.2	2.152	2.747	19.3	19.1
<b>439617</b>	2014 <i>EC</i> <sub>46</sub>		3 26.1	9°87	0°6/26.6	17	<b>429150</b>	2009 <i>UE</i> <sub>105</sub>		3 26.1	134°40	1°1/24.9	18
2 21	12 43.18	- 4 52.7	2.330	3.149	11.7	21.0	2 21	12 43.07	- 1 56.1	1.991	2.827	12.8	21.7
3 2	12 38.18	- 4 49.0	2.246	3.149	8.8	20.8	3 2	12 38.28	- 1 8.6	1.919	2.834	9.4	21.5
3 12	12 31.52	- 4 35.6	2.188	3.150	5.4	20.6	3 12	12 31.64	- 0 10.4	1.872	2.840	5.5	21.3
3 22	12 23.75	- 4 15.3	2.157	3.150	1.8	20.4	3 22	12 23.80	+ 0 53.0	1.852	2.847	1.7	21.0
4 1	12 15.63	- 3 51.3	2.155	3.150	2.1	20.4	4 1	12 15.63	+ 1 55.5	1.862	2.852	3.2	21.1
4 11	12 7.96	- 3 28.0	2.183	3.151	5.7	20.6	4 11	12 8.06	+ 2 50.4	1.899	2.858	7.2	21.4
4 21	12 1.46	- 3 9.1	2.238	3.151	9.1	20.8	4 21	12 1.85	+ 3 33.0	1.963	2.864	10.8	21.6
5 1	11 56.64	- 2 57.8	2.316	3.151	12.0	21.0	5 1	11 57.54	+ 4 0.3	2.049	2.869	13.9	21.8
<b>495118</b>	2011 <i>UW</i> <sub>342</sub>		3 26.1	269°39	1°7/24.7	17	<b>378777</b>	2008 <i>SV</i> <sub>24</sub>		3 26.1			

EPHEMERIDES

3 26.1

3 26.1

2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$	2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$
<b>352566</b>	2008 <i>DK</i> <sub>12</sub>		3 26.1 14°09'	2.6/23.1	17		<b>205920</b>	2002 <i>GB</i> <sub>143</sub>		3 26.1 7°18'	2.1/24.7	18	
2 21	12 39.56	+ 2 42.0	2.109	2.959	11.6	20.8	2 21	12 43.62	+ 0 16.8	1.176	2.044	17.6	19.7
3 2	12 35.63	+ 3 38.5	2.038	2.961	8.4	20.6	3 2	12 39.78	+ 0 43.5	1.114	2.045	13.0	19.4
3 12	12 30.02	+ 4 41.5	1.992	2.963	5.1	20.4	3 12	12 33.03	+ 1 22.5	1.072	2.046	7.7	19.2
3 22	12 23.33	+ 5 45.4	1.975	2.965	2.6	20.2	3 22	12 24.30	+ 2 6.7	1.054	2.048	2.6	18.9
4 1	12 16.33	+ 6 43.7	1.985	2.967	4.3	20.3	4 1	12 14.98	+ 2 47.2	1.059	2.051	4.8	19.0
4 11	12 9.84	+ 7 30.9	2.023	2.970	7.7	20.5	4 11	12 6.62	+ 3 15.6	1.089	2.055	10.2	19.3
4 21	12 4.57	+ 8 3.1	2.087	2.973	10.9	20.7	4 21	12 0.43	+ 3 26.5	1.140	2.059	15.2	19.6
5 1	12 1.01	+ 8 18.4	2.172	2.976	13.7	20.9	5 1	11 57.17	+ 3 17.3	1.209	2.065	19.4	19.9
<b>255699</b>	2006 <i>QE</i> <sub>84</sub>		3 26.1 304°27'	1.3/24.9	17		<b>508245</b>	2015 <i>HW</i> <sub>39</sub>		3 26.1 232°13'	5.6/18.0	17	
2 21	12 41.96	- 2 30.9	1.428	2.282	15.9	20.7	2 21	12 42.64	+17 44.9	2.884	3.725	9.1	21.5
3 2	12 38.35	- 1 44.8	1.342	2.265	11.8	20.4	3 2	12 37.56	+18 45.0	2.810	3.714	7.2	21.3
3 12	12 32.15	- 0 42.1	1.278	2.249	7.1	20.1	3 12	12 31.06	+19 40.9	2.763	3.702	5.8	21.2
3 22	12 24.05	+ 0 31.3	1.238	2.233	2.1	19.8	3 22	12 23.64	+20 27.2	2.744	3.689	5.7	21.2
4 1	12 15.19	+ 1 46.4	1.225	2.217	4.1	19.8	4 1	12 15.92	+20 59.4	2.754	3.676	6.9	21.2
4 11	12 6.91	+ 2 53.0	1.237	2.202	9.4	20.1	4 11	12 8.59	+21 14.5	2.791	3.663	8.8	21.3
4 21	12 0.37	+ 3 43.4	1.272	2.187	14.3	20.3	4 21	12 2.24	+21 11.6	2.852	3.650	10.9	21.5
5 1	11 56.42	+ 4 12.4	1.327	2.172	18.6	20.6	5 1	11 57.32	+20 51.3	2.934	3.636	12.7	21.6
<b>138747</b>	2000 <i>SR</i> <sub>246</sub>		3 26.1 72°80'	2.2/23.7	18		<b>388807</b>	2008 <i>BY</i> <sub>24</sub>		3 26.1 7°22'	5.2/31.0	17	
2 21	12 43.42	+ 3 42.4	2.260	3.102	11.2	19.6	2 21	12 40.06	-17 11.6	1.770	2.560	16.0	20.3
3 2	12 38.33	+ 4 9.3	2.190	3.108	8.2	19.4	3 2	12 36.47	-17 31.8	1.691	2.562	13.1	20.0
3 12	12 31.58	+ 4 40.2	2.145	3.113	4.9	19.2	3 12	12 30.76	-17 30.2	1.633	2.564	9.7	19.8
3 22	12 23.78	+ 5 10.8	2.128	3.119	2.3	19.1	3 22	12 23.61	-17 6.9	1.598	2.567	6.5	19.7
4 1	12 15.70	+ 5 36.4	2.140	3.124	3.8	19.2	4 1	12 15.96	-16 24.6	1.589	2.571	5.2	19.6
4 11	12 8.16	+ 5 53.1	2.181	3.130	7.1	19.4	4 11	12 8.90	-15 29.5	1.606	2.576	7.1	19.7
4 21	12 1.84	+ 5 58.3	2.247	3.135	10.2	19.6	4 21	12 3.32	-14 29.2	1.648	2.582	10.3	19.9
5 1	11 57.25	+ 5 50.8	2.337	3.141	12.9	19.8	5 1	11 59.88	-13 31.3	1.713	2.588	13.6	20.1
<b>297638</b>	2001 <i>TM</i> <sub>145</sub>		3 26.1 173°26'	3.7/22.7	18		<b>22765</b>	1999 <i>AR</i> <sub>5</sub>		3 26.1 131°86'	4.8/20.4	18	
2 21	12 47.85	+ 4 53.3	1.759	2.607	13.7	21.1	2 21	12 42.76	+11 7.0	2.255	3.107	10.9	18.1
3 2	12 42.06	+ 5 52.8	1.689	2.610	10.0	20.9	3 2	12 37.86	+12 9.6	2.193	3.112	8.2	17.9
3 12	12 34.03	+ 6 58.0	1.645	2.613	6.2	20.6	3 12	12 31.31	+13 11.5	2.158	3.117	5.7	17.8
3 22	12 24.52	+ 8 1.7	1.627	2.615	3.7	20.5	3 22	12 23.72	+14 6.4	2.150	3.122	4.9	17.7
4 1	12 14.60	+ 8 56.1	1.638	2.616	5.7	20.6	4 1	12 15.86	+14 48.5	2.171	3.127	6.4	17.8
4 11	12 5.41	+ 9 34.5	1.676	2.616	9.5	20.8	4 11	12 8.57	+15 13.8	2.219	3.132	9.0	18.0
4 21	11 57.86	+ 9 53.7	1.739	2.616	13.2	21.1	4 21	12 2.51	+15 20.6	2.291	3.136	11.6	18.2
5 1	11 52.61	+ 9 52.8	1.823	2.615	16.4	21.3	5 1	11 58.19	+15 9.1	2.384	3.140	14.0	18.4
<b>468657</b>	2008 <i>UO</i> <sub>361</sub>		3 26.1 227°33'	9.1/ 6.9	18		<b>268404</b>	2005 <i>UU</i> <sub>205</sub>		3 26.1 104°62'	0.5/26.5	18	
2 21	12 44.61	-35 12.2	2.572	3.205	15.2	21.1	2 21	12 43.77	- 6 24.4	1.927	2.751	13.7	21.4
3 2	12 39.61	-35 44.5	2.464	3.194	13.7	21.0	3 2	12 38.83	- 5 50.3	1.859	2.764	10.2	21.2
3 12	12 32.59	-35 52.1	2.373	3.183	12.0	20.8	3 12	12 31.98	- 5 2.3	1.815	2.777	6.3	21.0
3 22	12 24.14	-35 32.1	2.304	3.171	10.4	20.7	3 22	12 23.92	- 4 4.5	1.797	2.790	2.0	20.7
4 1	12 15.09	-34 43.4	2.259	3.159	9.3	20.6	4 1	12 15.57	- 3 3.0	1.808	2.803	2.4	20.8
4 11	12 6.42	-33 29.1	2.239	3.146	9.2	20.6	4 11	12 7.87	- 2 4.3	1.848	2.816	6.5	21.1
4 21	11 59.02	-31 55.0	2.245	3.132	10.2	20.6	4 21	12 1.61	- 1 14.3	1.914	2.828	10.3	21.3
5 1	11 53.57	-30 9.2	2.276	3.119	11.9	20.7	5 1	11 57.33	- 0 37.0	2.003	2.840	13.5	21.6
<b>297436</b>	2000 <i>SS</i> <sub>171</sub>		3 26.1 156°52'	8.0/ 8.6	18		<b>154368</b>	2002 <i>XJ</i> <sub>72</sub>		3 26.1 192°31'	5.0/22.3	18	
2 21	12 43.55	-37 33.1	3.194	3.789	13.0	21.5	2 21	12 48.77	+ 7 19.1	1.458	2.316	15.3	19.7
3 2	12 38.38	-38 1.0	3.100	3.796	11.8	21.4	3 2	12 43.18	+ 8 14.1	1.391	2.316	11.4	19.4
3 12	12 31.62	-38 7.6	3.024	3.803	10.4	21.3	3 12	12 34.91	+ 9 13.0	1.348	2.315	7.4	19.2
3 22	12 23.81	-37 51.1	2.969	3.809	9.2	21.2	3 22	12 24.84	+10 6.9	1.329	2.314	5.0	19.1
4 1	12 15.64	-37 11.4	2.939	3.815	8.3	21.1	4 1	12 14.24	+10 47.0	1.338	2.313	7.2	19.2
4 11	12 7.88	-36 11.1	2.934	3.820	8.0	21.1	4 11	12 4.51	+11 6.6	1.372	2.311	11.3	19.4
4 21	12 1.20	-34 54.6	2.956	3.825	8.6	21.2	4 21	11 56.76	+11 3.3	1.429	2.309	15.3	19.6
5 1	11 56.12	-33 28.2	3.002	3.829	9.7	21.2	5 1	11 51.73	+10 37.3	1.504	2.307	18.8	19.9
<b>283191</b>	2010 <i>CQ</i> <sub>39</sub>		3 26.1 244°57'	1.8/27.4	17		<b>110631</b>	2001 <i>TK</i> <sub>165</sub>		3 26.1 132°76'	4.2/21.5	18	
2 21	12 48.36	- 8 12.4	1.646	2.464	15.8	21.4	2 21	12 45.58	+ 8 27.5	2.130	2.977	11.6	19.7
3 2	12 42.93	- 8 9.4	1.550	2.450	12.2	21.1	3 2	12 39.96	+ 9 29.7	2.072	2.990	8.6	19.5
3 12	12 34.87	- 7 49.4	1.477	2.435	8.0	20.8	3 12	12 32.56	+10 33.1	2.039	3.003	5.6	19.4
3 22	12 24.87	- 7 14.3	1.429	2.419	3.4	20.5	3 22	12 24.08	+11 31.1	2.035	3.015	4.3	19.3
4 1	12 14.02	- 6 28.8	1.408	2.403	3.0	20.5	4 1	12 15.37	+12 17.6	2.061	3.026	5.9	19.4
4 11	12 3.66	- 5 39.9	1.415	2.386	7.8	20.7	4 11	12 7.32	+12 48.0	2.114	3.038	8.8	19.6
4 21	11 54.97	- 4 55.0	1.447	2.368	12.5	20.9	4 21	12 0.64	+13 0.4	2.192	3.048	11.7	19.8
5 1	11 48.83	- 4 20.5	1.501	2.350	16.6	21.1	5 1	11 55.84	+12 54.7	2.291	3.058	14.2	20.0
<b>20475</b>	1999 <i>NU</i> <sub>11</sub>		3 26.1 111°10'	2.7/29.0	18		<b>217288</b>	2004 <i>FT</i> <sub>97</sub>		3 26.1 69°28'	4.9/21.5	18	
2 21	12 44.97	-12 41.0	2.213	3.002	13.3	19.4	2 21	12 47.13	+12 8.1	2.102	2.949	11.8	19.8
3 2	12 39.52	-12 35.2	2.141	3.019	10.4	19.2	3 2	12 41.11	+12 38.9	2.043	2.958	8.9	19.6
3 12	12 32.31	-12 13.6	2.093	3.037	7.1	19.0	3 12	12 33.26	+13 6.8	2.009	2.968	6.1	19.5
3 22	12 24.00	-11 37.9	2.071	3.053	3.9	18.9	3 22	12 24.29	+13 26.4	2.003	2.977	4.9	19.4
4 1	12 15.41	-10 52.0	2.079	3.070	3.0	18.8	4 1	12 15.10	+13 32.8	2.026	2.987	6.3	19.5
4 11	12 7.43	-10 1.2	2.116	3.086	5.7	19.0	4 11	12 6.62	+13 23.3	2.076	2.997	9.1	19.7
4 21	12 0.75	- 9 11.2	2.180	3.101	8.9	19.2	4 21	11 59.59	+12 57.4	2.151	3.007	11.9	19.9
5 1	11 55.91	- 8 27.0	2.268	3.116	11.8	19.5	5 1	11 54.52	+12 16.0	2.247	3.016	14.4	20.1
<b>384225</b>	2009 <i>DP</i> <sub>26</sub>		3 26.1 129°58'	0.5/26.6	17		<b>251607</b>	2009 <i>HP</i> <sub>94</sub>		3 26.1 351°89'			

EPHEMERIDES

3 26.1

3 26.1

2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$	2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$
<b>941</b>	Murray		3 26.1 144°56'	2°2/23.6	18		<b>63744</b>	2001 QT <sub>256</sub>		3 26.1 97°42'	2°6/23.5	18	
2 21	12 44.43	+ 3 7.3	2.392	3.229	10.9	16.7	2 21	12 45.07	+ 2 2.6	1.898	2.743	13.0	19.9
3 2	12 38.97	+ 3 48.2	2.323	3.239	7.9	16.5	3 2	12 39.69	+ 3 3.5	1.845	2.765	9.4	19.8
3 12	12 31.94	+ 4 33.9	2.280	3.248	4.8	16.3	3 12	12 32.44	+ 4 11.1	1.817	2.786	5.6	19.6
3 22	12 23.91	+ 5 19.7	2.266	3.257	2.3	16.1	3 22	12 24.06	+ 5 18.9	1.816	2.807	2.7	19.4
4 1	12 15.63	+ 6 0.6	2.282	3.265	3.8	16.3	4 1	12 15.48	+ 6 19.8	1.845	2.828	4.5	19.6
4 11	12 7.88	+ 6 32.1	2.328	3.273	6.9	16.5	4 11	12 7.67	+ 7 7.8	1.901	2.848	8.1	19.8
4 21	12 1.33	+ 6 51.6	2.399	3.281	9.9	16.7	4 21	12 1.36	+ 7 39.5	1.983	2.868	11.4	20.1
5 1	11 56.43	+ 6 57.5	2.494	3.287	12.5	16.9	5 1	11 57.06	+ 7 53.5	2.086	2.887	14.3	20.3
<b>56956</b>	2000 SH <sub>19</sub>		3 26.1 331°47'	3°1/28.8	17		<b>344267</b>	2001 SE <sub>349</sub>		3 26.1 105°61'	4°8/21.6	17	
2 21	12 43.88	-11 20.5	2.043	2.845	13.8	19.0	2 21	12 50.73	+14 2.1	2.431	3.265	10.8	21.3
3 2	12 39.08	-11 43.7	1.952	2.838	10.9	18.8	3 2	12 43.48	+14 21.6	2.372	3.279	8.2	21.1
3 12	12 32.27	-11 52.5	1.884	2.831	7.5	18.6	3 12	12 34.56	+14 36.6	2.340	3.293	5.8	21.0
3 22	12 24.07	-11 47.6	1.842	2.825	4.2	18.4	3 22	12 24.67	+14 42.5	2.337	3.306	4.8	20.9
4 1	12 15.33	-11 31.1	1.828	2.819	3.4	18.3	4 1	12 14.62	+14 35.7	2.364	3.320	6.0	21.0
4 11	12 7.03	-11 7.4	1.842	2.813	6.3	18.5	4 11	12 5.29	+14 14.3	2.420	3.332	8.4	21.2
4 21	12 0.05	-10 41.6	1.882	2.808	9.8	18.7	4 21	11 57.34	+13 38.5	2.503	3.345	10.9	21.4
5 1	11 55.03	-10 18.9	1.946	2.803	13.0	18.8	5 1	11 51.25	+12 49.4	2.608	3.358	13.1	21.6
<b>432930</b>	2011 UP <sub>10</sub>		3 26.1 258°26'	5°4/19.8	17		<b>185998</b>	2001 PM <sub>46</sub>		3 26.1 178°41'	3°0/23.5	17	
2 21	12 46.08	+15 39.9	2.576	3.417	10.1	21.3	2 21	12 49.39	+ 5 39.9	2.002	2.842	12.6	20.4
3 2	12 40.27	+16 21.6	2.493	3.400	7.9	21.1	3 2	12 42.99	+ 6 3.3	1.927	2.843	9.3	20.2
3 12	12 32.78	+16 59.5	2.435	3.383	6.0	20.9	3 12	12 34.52	+ 6 29.5	1.877	2.844	5.7	20.0
3 22	12 24.18	+17 28.3	2.406	3.365	5.4	20.9	3 22	12 24.71	+ 6 53.4	1.856	2.844	3.1	19.8
4 1	12 15.20	+17 43.2	2.406	3.347	6.8	20.9	4 1	12 14.52	+ 7 9.9	1.863	2.844	4.7	19.9
4 11	12 6.65	+17 41.0	2.433	3.329	9.0	21.1	4 11	12 4.97	+ 7 14.8	1.899	2.844	8.3	20.1
4 21	11 59.24	+17 21.1	2.486	3.311	11.5	21.2	4 21	11 56.93	+ 7 6.1	1.962	2.843	11.7	20.3
5 1	11 53.49	+16 44.2	2.560	3.292	13.7	21.3	5 1	11 51.01	+ 6 43.1	2.046	2.842	14.7	20.5
<b>61206</b>	2000 OS <sub>6</sub>		3 26.1 325°49'	3°7/28.9	18		<b>68383</b>	2001 QW <sub>10</sub>		3 26.1 110°66'	2°6/23.8	18	
2 21	12 43.21	-12 37.4	1.346	2.170	18.4	18.5	2 21	12 44.67	- 0 18.9	1.436	2.291	15.8	19.8
3 2	12 39.43	-12 38.0	1.266	2.165	14.5	18.2	3 2	12 40.06	+ 0 55.4	1.375	2.299	11.5	19.6
3 12	12 32.87	-12 13.7	1.206	2.159	10.0	17.9	3 12	12 32.98	+ 2 23.0	1.336	2.307	6.8	19.4
3 22	12 24.30	-11 26.1	1.169	2.154	5.4	17.6	3 22	12 24.28	+ 3 55.3	1.322	2.315	2.8	19.1
4 1	12 14.98	-10 20.3	1.156	2.149	4.1	17.5	4 1	12 15.17	+ 5 21.7	1.336	2.323	5.1	19.3
4 11	12 6.36	- 9 5.8	1.169	2.144	8.3	17.8	4 11	12 6.92	+ 6 32.6	1.376	2.330	9.8	19.6
4 21	11 59.68	- 7 53.2	1.204	2.140	13.1	18.0	4 21	12 0.54	+ 7 21.9	1.439	2.338	14.1	19.8
5 1	11 55.81	- 6 51.8	1.261	2.137	17.5	18.3	5 1	11 56.69	+ 7 47.1	1.522	2.345	17.7	20.1
<b>458865</b>	2011 UG <sub>119</sub>		3 26.1 100°89'	0°2/25.9	18		<b>368108</b>	2013 GE <sub>19</sub>		3 26.1 233°66'	4°8/21.5	18	
2 21	12 47.46	- 4 16.3	1.577	2.412	15.6	22.3	2 21	12 45.55	+ 6 48.5	1.683	2.539	13.7	20.6
3 2	12 41.86	- 3 43.8	1.517	2.429	11.6	22.0	3 2	12 40.61	+ 8 4.5	1.606	2.530	10.2	20.4
3 12	12 33.92	- 2 57.2	1.479	2.446	7.0	21.8	3 12	12 33.32	+ 9 26.3	1.554	2.520	6.6	20.2
3 22	12 24.51	- 2 1.8	1.468	2.463	2.0	21.5	3 22	12 24.41	+10 45.4	1.528	2.510	4.8	20.0
4 1	12 14.79	- 1 4.7	1.485	2.479	3.1	21.6	4 1	12 14.94	+11 52.4	1.530	2.500	7.0	20.1
4 11	12 5.97	- 0 13.6	1.529	2.495	7.8	22.0	4 11	12 6.08	+12 39.8	1.558	2.489	10.8	20.3
4 21	11 58.97	+ 0 25.6	1.598	2.510	12.1	22.2	4 21	11 58.85	+13 3.7	1.609	2.478	14.5	20.5
5 1	11 54.41	+ 0 49.4	1.688	2.525	15.6	22.5	5 1	11 53.96	+13 3.4	1.680	2.466	17.8	20.7
<b>98248</b>	2000 SP <sub>167</sub>		3 26.1 264°50'	3°6/29.0	18		<b>8919</b>	Ouyangziyuan		3 26.1 330°17'	2°0/24.8	18	
2 21	12 44.57	-13 11.5	1.600	2.408	16.7	19.0	2 21	12 48.51	+ 2 50.0	1.508	2.359	15.3	16.9
3 2	12 40.17	-13 8.9	1.507	2.395	13.3	18.8	3 2	12 43.07	+ 2 44.7	1.427	2.349	11.4	16.6
3 12	12 33.22	-12 44.0	1.435	2.383	9.2	18.5	3 12	12 34.95	+ 2 44.6	1.369	2.339	6.9	16.3
3 22	12 24.41	-11 57.6	1.386	2.370	5.1	18.2	3 22	12 24.92	+ 2 45.0	1.336	2.330	2.5	16.0
4 1	12 14.81	-10 54.0	1.365	2.356	3.9	18.1	4 1	12 14.20	+ 2 41.0	1.331	2.321	4.3	16.1
4 11	12 5.74	- 9 41.1	1.370	2.343	7.6	18.3	4 11	12 4.17	+ 2 28.0	1.351	2.313	9.1	16.4
4 21	11 58.32	- 8 28.2	1.399	2.329	12.1	18.5	4 21	11 56.01	+ 2 3.2	1.396	2.306	13.7	16.6
5 1	11 53.43	- 7 23.9	1.451	2.316	16.2	18.7	5 1	11 50.52	+ 1 25.3	1.461	2.299	17.6	16.9
<b>73593</b>	1806 T <sub>-2</sub>		3 26.1 116°70'	0°6/26.6	18		<b>502027</b>	2015 AK <sub>99</sub>		3 26.1 124°33'	4°0/21.9	17	
2 21	12 47.13	- 6 20.7	1.842	2.662	14.3	20.5	2 21	12 43.48	+ 6 12.5	1.907	2.760	12.5	21.5
3 2	12 41.35	- 5 51.9	1.778	2.681	10.7	20.3	3 2	12 38.67	+ 7 17.3	1.843	2.766	9.2	21.3
3 12	12 33.51	- 5 8.9	1.737	2.699	6.6	20.1	3 12	12 31.93	+ 8 26.0	1.804	2.771	5.8	21.1
3 22	12 24.39	- 4 15.9	1.723	2.716	2.2	19.8	3 22	12 23.96	+ 9 31.7	1.792	2.776	4.0	20.9
4 1	12 14.98	- 3 19.0	1.738	2.732	2.5	19.9	4 1	12 15.66	+10 27.1	1.808	2.781	5.8	21.1
4 11	12 6.33	- 2 24.8	1.781	2.748	6.8	20.2	4 11	12 8.00	+11 6.4	1.851	2.786	9.1	21.3
4 21	11 59.28	- 1 39.2	1.851	2.763	10.7	20.4	4 21	12 1.78	+11 26.7	1.919	2.790	12.4	21.5
5 1	11 54.39	- 1 6.2	1.944	2.778	14.0	20.7	5 1	11 57.55	+11 27.4	2.007	2.795	15.3	21.7
<b>265641</b>	2005 TD <sub>39</sub>		3 26.1 153°44'	1°0/27.1	17		<b>113426</b>	2002 SR <sub>37</sub>		3 26.1 138°30'	0°1/26.0	17	
2 21	12 45.18	- 7 19.7	2.225	3.035	12.5	21.9	2 21	12 42.11	- 4 30.2	2.421	3.242	11.3	21.0
3 2	12 39.71	- 6 59.6	2.146	3.043	9.5	21.7	3 2	12 37.31	- 3 58.1	2.345	3.250	8.4	20.8
3 12	12 32.47	- 6 27.0	2.092	3.050	6.0	21.5	3 12	12 30.98	- 3 15.9	2.294	3.258	5.1	20.6
3 22	12 24.09	- 5 44.6	2.066	3.057	2.2	21.3	3 22	12 23.67	- 2 27.2	2.271	3.265	1.5	20.3
4 1	12 15.37	- 4 57.0	2.069	3.063	2.2	21.3	4 1	12 16.08	- 1 36.6	2.278	3.272	2.2	20.4
4 11	12 7.19	- 4 9.5	2.101	3.069	5.9	21.5	4 11	12 8.97	- 0 49.0	2.314	3.278	5.7	20.7
4 21	12 0.29	- 3 27.2	2.161	3.074	9.3	21.7	4 21	12 2.97	- 0 8.8	2.378	3.285	8.9	20.9
5 1	11 55.20	- 2 54.0	2.245	3.079	12.4	21.9	5 1	11 58.56	+ 0 20.9	2.466	3.291	11.7	21.1
<b>502183</b>	2015 BG <sub>65</sub>		3 26.1 99°26'	2°9/23.2	17		<b>29364</b>	1996 DG		3 26.1 350°15'	2°8/24.0	18	
2 21	12 43.59	+ 3 47.5	1.915	2.764	12.6	21.2	2 21</						

EPHEMERIDES

3 26.1

3 26.1

2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$	2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$
<b>36785</b>	2000 <i>SN</i> <sub>12</sub>		3 26.1 147°64	2°5/22.8	18		<b>382826</b>	2003 <i>XL</i> <sub>28</sub>		3 26.1 139°50	0°5/26.6	17	
2 21	12 41.54	+ 4 39.0	2.698	3.538	9.7	19.6	2 21	12 42.99	- 5 55.7	2.346	3.162	11.8	22.2
3 2	12 36.74	+ 5 26.1	2.628	3.545	7.1	19.5	3 2	12 38.02	- 5 30.9	2.269	3.170	8.8	22.0
3 12	12 30.56	+ 6 16.6	2.584	3.552	4.3	19.3	3 12	12 31.45	- 4 54.9	2.216	3.178	5.4	21.8
3 22	12 23.54	+ 7 6.1	2.570	3.558	2.5	19.2	3 22	12 23.84	- 4 11.0	2.192	3.185	1.8	21.5
4 1	12 16.28	+ 7 50.0	2.586	3.564	3.9	19.3	4 1	12 15.93	- 3 23.6	2.197	3.191	2.1	21.6
4 11	12 9.47	+ 8 24.3	2.631	3.570	6.6	19.5	4 11	12 8.52	- 2 37.8	2.231	3.198	5.7	21.8
4 21	12 3.65	+ 8 46.6	2.703	3.575	9.2	19.6	4 21	12 2.26	- 1 58.0	2.293	3.204	9.0	22.0
5 1	11 59.26	+ 8 55.5	2.798	3.581	11.5	19.8	5 1	11 57.68	- 1 27.8	2.379	3.210	11.8	22.2
<b>488550</b>	2001 <i>TR</i> <sub>100</sub>		3 26.1 154°72	0°3/25.8	17		<b>33282</b>	Arjunramani		3 26.1 207°87	0°5/25.6	18	
2 21	12 44.61	- 2 15.3	2.937	3.751	9.7	22.1	2 21	12 41.32	- 2 49.8	2.467	3.294	10.9	19.2
3 2	12 38.89	- 2 3.4	2.857	3.759	7.2	22.0	3 2	12 36.78	- 2 19.6	2.382	3.292	8.1	19.0
3 12	12 31.82	- 1 45.2	2.804	3.767	4.3	21.8	3 12	12 30.70	- 1 40.5	2.323	3.289	4.8	18.8
3 22	12 23.91	- 1 23.2	2.780	3.774	1.2	21.6	3 22	12 23.62	- 0 55.9	2.292	3.287	1.4	18.6
4 1	12 15.76	- 1 0.4	2.788	3.781	2.0	21.6	4 1	12 16.22	- 0 10.5	2.291	3.284	2.4	18.6
4 11	12 8.02	- 0 40.2	2.826	3.787	5.0	21.9	4 11	12 9.22	+ 0 31.2	2.319	3.281	5.8	18.9
4 21	12 1.24	- 0 25.2	2.893	3.792	7.8	22.1	4 21	12 3.28	+ 1 5.1	2.375	3.279	9.0	19.1
5 1	11 55.85	- 0 17.6	2.985	3.798	10.2	22.2	5 1	11 58.89	+ 1 28.3	2.454	3.276	11.8	19.2
<b>205780</b>	2002 <i>CZ</i> <sub>75</sub>		3 26.1 112°58	1°5/27.3	18		<b>417812</b>	2007 <i>EC</i> <sub>210</sub>		3 26.1 27°86	3°4/28.8	18	
2 21	12 49.35	- 7 40.4	1.649	2.467	15.8	20.3	2 21	12 42.19	- 11 38.6	1.307	2.138	18.4	20.5
3 2	12 43.26	- 7 35.1	1.583	2.483	12.0	20.1	3 2	12 38.46	- 11 43.2	1.248	2.151	14.3	20.3
3 12	12 34.81	- 7 13.9	1.540	2.499	7.6	19.9	3 12	12 32.12	- 11 24.5	1.209	2.165	9.7	20.0
3 22	12 24.83	- 6 39.9	1.523	2.514	3.0	19.6	3 22	12 24.08	- 10 45.1	1.193	2.179	5.1	19.8
4 1	12 14.48	- 5 58.4	1.533	2.528	2.8	19.6	4 1	12 15.61	- 9 51.0	1.202	2.195	3.8	19.8
4 11	12 4.98	- 5 16.0	1.572	2.542	7.2	19.9	4 11	12 8.06	- 8 51.3	1.235	2.212	7.8	20.0
4 21	11 57.30	- 4 39.2	1.636	2.556	11.4	20.2	4 21	12 2.50	- 7 55.2	1.292	2.229	12.3	20.3
5 1	11 52.07	- 4 12.8	1.723	2.569	15.0	20.5	5 1	11 59.58	- 7 10.0	1.370	2.248	16.2	20.6
<b>430226</b>	2013 <i>VE</i> <sub>15</sub>		3 26.1 110°30	6°1/20.0	18		<b>219569</b>	2001 <i>SR</i> <sub>126</sub>		3 26.1 245°60	1°0/26.9	17	
2 21	12 47.55	+ 15 34.5	2.128	2.974	11.7	20.7	2 21	12 45.26	- 6 43.2	1.935	2.754	13.8	21.3
3 2	12 41.42	+ 16 23.9	2.076	2.986	9.0	20.6	3 2	12 40.22	- 6 29.7	1.841	2.743	10.5	21.1
3 12	12 33.45	+ 17 8.0	2.048	2.997	6.8	20.5	3 12	12 33.05	- 6 2.3	1.771	2.731	6.6	20.8
3 22	12 24.39	+ 17 40.5	2.048	3.009	6.1	20.4	3 22	12 24.37	- 5 23.6	1.727	2.719	2.4	20.5
4 1	12 15.14	+ 17 56.1	2.077	3.020	7.6	20.5	4 1	12 15.10	- 4 38.2	1.712	2.707	2.5	20.5
4 11	12 6.62	+ 17 52.1	2.131	3.031	10.0	20.7	4 11	12 6.29	- 3 52.4	1.725	2.694	6.8	20.7
4 21	11 59.57	+ 17 28.5	2.211	3.041	12.5	20.9	4 21	11 58.85	- 3 12.0	1.764	2.681	10.9	21.0
5 1	11 54.50	+ 16 47.1	2.310	3.051	14.8	21.1	5 1	11 53.51	- 2 41.9	1.826	2.667	14.4	21.2
<b>488736</b>	2004 <i>RG</i> <sub>112</sub>		3 26.1 197°10	5°4/1.6	17		<b>326721</b>	2003 <i>EZ</i> <sub>62</sub>		3 26.1 4°72	3°5/22.7	18	
2 21	12 45.58	- 23 33.7	2.190	2.919	15.2	22.3	2 21	12 40.03	+ 1 55.2	1.524	2.387	14.5	20.0
3 2	12 40.30	- 23 3.9	2.088	2.916	12.7	22.1	3 2	12 36.59	+ 3 18.9	1.458	2.387	10.6	19.8
3 12	12 32.99	- 22 7.5	2.007	2.911	9.8	21.9	3 12	12 30.90	+ 4 53.8	1.415	2.387	6.4	19.5
3 22	12 24.32	- 20 44.7	1.952	2.906	6.9	21.7	3 22	12 23.73	+ 6 31.0	1.398	2.388	3.5	19.4
4 1	12 15.16	- 18 59.1	1.926	2.900	5.4	21.6	4 1	12 16.10	+ 8 0.0	1.408	2.389	5.9	19.5
4 11	12 6.52	- 16 58.1	1.929	2.892	6.7	21.6	4 11	12 9.18	+ 9 11.5	1.443	2.391	10.1	19.7
4 21	11 59.24	- 14 51.4	1.960	2.884	9.6	21.8	4 21	12 3.88	+ 10 0.1	1.502	2.393	14.1	20.0
5 1	11 53.99	- 12 48.7	2.018	2.874	12.7	22.0	5 1	12 0.86	+ 10 23.4	1.580	2.395	17.5	20.2
<b>321800</b>	2010 <i>PG</i> <sub>62</sub>		3 26.1 178°47	1°1/27.0	18		<b>230636</b>	2003 <i>QG</i> <sub>7</sub>		3 26.1 213°90	1°7/23.9	18	
2 21	12 46.89	- 6 44.3	1.770	2.592	14.8	21.7	2 21	12 41.93	+ 0 24.1	2.549	3.382	10.4	21.8
3 2	12 41.47	- 6 35.4	1.690	2.593	11.2	21.5	3 2	12 37.22	+ 1 23.3	2.460	3.374	7.6	21.6
3 12	12 33.79	- 6 12.0	1.633	2.593	7.1	21.3	3 12	12 30.98	+ 2 30.5	2.397	3.365	4.5	21.4
3 22	12 24.56	- 5 37.0	1.602	2.594	2.6	21.0	3 22	12 23.72	+ 3 40.9	2.364	3.356	1.8	21.2
4 1	12 14.82	- 4 55.3	1.599	2.594	2.6	21.0	4 1	12 16.10	+ 4 49.2	2.361	3.346	3.4	21.3
4 11	12 5.71	- 4 13.5	1.624	2.594	7.1	21.2	4 11	12 8.86	+ 5 49.7	2.387	3.336	6.6	21.5
4 21	11 58.20	- 3 37.4	1.675	2.593	11.3	21.5	4 21	12 2.62	+ 6 38.3	2.441	3.325	9.6	21.7
5 1	11 52.96	- 3 11.8	1.748	2.592	14.9	21.7	5 1	11 57.91	+ 7 12.3	2.518	3.313	12.3	21.8
<b>173842</b>	2001 <i>TM</i> <sub>118</sub>		3 26.1 107°10	4°5/31.6	18		<b>166808</b>	2002 <i>VS</i> <sub>75</sub>		3 26.1 138°83	2°4/23.2	17	R
2 21	12 45.11	- 19 16.6	2.669	3.412	12.4	20.7	2 21	12 41.74	+ 3 6.8	2.361	3.203	10.8	20.5
3 2	12 39.46	- 19 36.5	2.593	3.431	10.2	20.6	3 2	12 37.08	+ 3 58.9	2.291	3.209	7.9	20.3
3 12	12 32.25	- 19 40.1	2.540	3.450	7.7	20.5	3 12	12 30.87	+ 4 56.2	2.246	3.215	4.7	20.1
3 22	12 24.06	- 19 27.6	2.513	3.469	5.5	20.3	3 22	12 23.67	+ 5 53.8	2.231	3.220	2.4	20.0
4 1	12 15.58	- 19 0.6	2.515	3.487	4.5	20.3	4 1	12 16.21	+ 6 46.1	2.244	3.226	4.0	20.1
4 11	12 7.59	- 18 23.0	2.546	3.504	5.6	20.4	4 11	12 9.24	+ 7 28.3	2.287	3.231	7.1	20.3
4 21	12 0.74	- 17 39.5	2.605	3.522	7.8	20.6	4 21	12 3.40	+ 7 57.1	2.355	3.236	10.1	20.5
5 1	11 55.49	- 16 55.3	2.690	3.539	10.1	20.7	5 1	11 59.16	+ 8 10.9	2.447	3.241	12.6	20.6
<b>303717</b>	2005 <i>QV</i> <sub>8</sub>		3 26.1 198°84	1°0/27.5	17		<b>401097</b>	2011 <i>UG</i> <sub>183</sub>		3 26.1 140°32	1°0/26.9	18	
2 21	12 41.11	- 8 2.2	3.088	3.887	9.6	21.9	2 21	12 47.23	- 7 31.1	1.866	2.681	14.4	22.1
3 2	12 36.36	- 7 44.0	2.994	3.884	7.3	21.8	3 2	12 41.51	- 7 4.7	1.794	2.693	10.9	21.9
3 12	12 30.35	- 7 16.1	2.925	3.880	4.7	21.6	3 12	12 33.69	- 6 23.0	1.745	2.705	6.8	21.7
3 22	12 23.50	- 6 40.5	2.885	3.875	1.9	21.4	3 22	12 24.52	- 5 29.8	1.723	2.715	2.5	21.4
4 1	12 16.37	- 6 0.2	2.876	3.870	1.7	21.3	4 1	12 14.99	- 4 30.8	1.730	2.725	2.5	21.4
4 11	12 9.54	- 5 18.9	2.897	3.865	4.5	21.5	4 11	12 6.16	- 3 32.9	1.766	2.735	6.7	21.7
4 21	12 3.56	- 4 40.2	2.947	3.859	7.2	21.7	4 21	11 58.89	- 2 42.3	1.829	2.743	10.7	22.0
5 1	11 58.83	- 4 7.4	3.022	3.852	9.6	21.9	5 1	11 53.78	- 2 3.7	1.914	2.751	14.0	22.2
<b>480143</b>	2015 <i>FJ</i> <sub>174</sub>		3 26.1 267°04	5°0/20.4	17		<b>173907</b>	2001 <i>VK</i> <sub>2</sub>		3			



EPHEMERIDES

3 26.1

3 26.1

2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$	2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$
<b>429165</b>	2009 <i>VU</i> <sub>21</sub>		3 26.1	96°11	2°4/23.7	16	<b>192853</b>	1999 <i>VU</i> <sub>176</sub>		3 26.1	137°67	1°8/24.4	17
2 21	12 44.52	+ 2 12.5	1.979	2.823	12.5	21.9	2 21	12 44.74	+ 1 17.2	2.038	2.878	12.4	20.4
3 2	12 39.28	+ 3 2.5	1.922	2.841	9.1	21.7	3 2	12 39.54	+ 1 47.3	1.965	2.882	9.1	20.2
3 12	12 32.23	+ 3 58.8	1.889	2.858	5.4	21.5	3 12	12 32.48	+ 2 24.3	1.916	2.885	5.4	20.0
3 22	12 24.07	+ 4 55.5	1.884	2.876	2.5	21.3	3 22	12 24.19	+ 3 3.3	1.896	2.889	2.0	19.7
4 1	12 15.68	+ 5 46.3	1.908	2.893	4.2	21.5	4 1	12 15.56	+ 3 39.2	1.904	2.892	3.6	19.8
4 11	12 8.00	+ 6 25.8	1.960	2.909	7.7	21.7	4 11	12 7.51	+ 4 6.7	1.940	2.895	7.3	20.1
4 21	12 1.74	+ 6 50.7	2.038	2.926	11.1	22.0	4 21	12 0.82	+ 4 22.5	2.002	2.898	10.8	20.3
5 1	11 57.40	+ 6 59.5	2.138	2.942	13.9	22.2	5 1	11 56.05	+ 4 24.6	2.086	2.901	13.9	20.5
<b>22578</b>	1998 <i>HE</i> <sub>59</sub>		3 26.1	109°09	1°8/24.4	18	<b>287140</b>	2002 <i>RZ</i> <sub>207</sub>		3 26.1	241°11	0°2/26.3	17
2 21	12 46.89	- 0 35.6	1.751	2.590	14.1	18.6	2 21	12 46.61	- 4 25.8	1.819	2.647	14.2	21.2
3 2	12 41.22	+ 0 18.8	1.694	2.611	10.3	18.4	3 2	12 41.33	- 4 11.6	1.730	2.637	10.7	21.0
3 12	12 33.46	+ 1 23.3	1.661	2.630	6.0	18.2	3 12	12 33.78	- 3 44.8	1.663	2.627	6.6	20.7
3 22	12 24.44	+ 2 31.1	1.656	2.649	2.1	18.0	3 22	12 24.64	- 3 8.6	1.623	2.617	2.0	20.4
4 1	12 15.17	+ 3 35.0	1.679	2.668	3.9	18.1	4 1	12 14.87	- 2 28.3	1.611	2.606	2.7	20.4
4 11	12 6.73	+ 4 27.8	1.730	2.686	8.0	18.4	4 11	12 5.62	- 1 50.0	1.628	2.595	7.3	20.7
4 21	11 59.95	+ 5 5.2	1.807	2.703	11.8	18.7	4 21	11 57.86	- 1 19.4	1.670	2.583	11.6	20.9
5 1	11 55.37	+ 5 24.9	1.905	2.720	15.0	18.9	5 1	11 52.34	- 1 0.6	1.734	2.571	15.3	21.1
<b>412316</b>	2013 <i>JG</i> <sub>62</sub>		3 26.1	211°85	3°3/23.0	16	<b>236158</b>	2005 <i>UY</i> <sub>353</sub>		3 26.1	45°97	5°0/29.9	18
2 21	12 46.93	+ 4 26.7	1.909	2.754	12.9	21.8	2 21	12 44.44	- 15 13.0	1.222	2.041	20.2	19.8
3 2	12 41.37	+ 5 16.8	1.829	2.748	9.5	21.5	3 2	12 40.44	- 15 21.2	1.159	2.051	16.1	19.6
3 12	12 33.69	+ 6 12.8	1.773	2.741	5.9	21.3	3 12	12 33.50	- 15 0.5	1.114	2.061	11.4	19.3
3 22	12 24.56	+ 7 8.4	1.745	2.734	3.3	21.1	3 22	12 24.56	- 14 12.1	1.091	2.071	6.9	19.1
4 1	12 14.94	+ 7 56.7	1.746	2.726	5.2	21.2	4 1	12 15.05	- 13 1.7	1.092	2.082	5.2	19.0
4 11	12 5.89	+ 8 31.7	1.775	2.718	8.9	21.4	4 11	12 6.51	- 11 40.1	1.117	2.093	8.5	19.2
4 21	11 58.31	+ 8 49.7	1.829	2.709	12.5	21.6	4 21	12 0.18	- 10 19.1	1.166	2.105	13.1	19.5
5 1	11 52.87	+ 8 49.3	1.904	2.699	15.7	21.8	5 1	11 56.82	- 9 9.0	1.234	2.116	17.3	19.8
<b>338457</b>	2003 <i>FG</i> <sub>13</sub>		3 26.1	74°82	1°3/27.5	18	<b>85351</b>	1995 <i>UC</i> <sub>18</sub>		3 26.1	241°57	1°2/27.7	18
2 21	12 44.84	- 7 40.2	2.269	3.077	12.4	20.7	2 21	12 39.35	- 10 7.7	2.409	3.215	11.8	20.3
3 2	12 39.33	- 7 35.8	2.207	3.101	9.4	20.5	3 2	12 35.44	- 9 22.3	2.316	3.209	9.1	20.1
3 12	12 32.18	- 7 19.8	2.169	3.126	5.9	20.3	3 12	12 29.97	- 8 21.5	2.248	3.204	5.8	19.9
3 22	12 24.05	- 6 54.7	2.160	3.150	2.5	20.1	3 22	12 23.47	- 7 8.5	2.208	3.198	2.5	19.6
4 1	12 15.73	- 6 24.1	2.179	3.174	2.1	20.1	4 1	12 16.61	- 5 48.2	2.197	3.192	2.0	19.6
4 11	12 8.02	- 5 52.7	2.228	3.198	5.5	20.4	4 11	12 10.15	- 4 27.0	2.215	3.185	5.4	19.8
4 21	12 1.60	- 5 24.6	2.305	3.221	8.7	20.6	4 21	12 4.73	- 3 10.9	2.261	3.179	8.8	20.0
5 1	11 56.92	- 5 3.4	2.405	3.245	11.5	20.9	5 1	12 0.86	- 2 5.1	2.332	3.173	11.7	20.2
<b>33530</b>	1999 <i>HH</i> <sub>1</sub>		3 26.1	354°49	3°8/28.6	18	<b>59542</b>	1999 <i>JG</i> <sub>31</sub>		3 26.1	239°18	2°8/29.3	18
2 21	12 37.66	- 10 36.3	0.981	1.841	20.9	17.7	2 21	12 43.02	- 14 14.6	2.380	3.161	12.7	19.9
3 2	12 35.98	- 10 55.1	0.913	1.833	16.5	17.4	3 2	12 38.29	- 13 51.7	2.272	3.145	10.1	19.7
3 12	12 31.12	- 10 46.9	0.863	1.826	11.2	17.1	3 12	12 31.79	- 13 10.9	2.187	3.128	7.0	19.5
3 22	12 23.93	- 10 13.0	0.833	1.821	5.8	16.8	3 22	12 24.04	- 12 13.9	2.130	3.110	4.0	19.3
4 1	12 15.85	- 9 19.4	0.824	1.818	4.4	16.7	4 1	12 15.77	- 11 4.0	2.102	3.092	3.0	19.2
4 11	12 8.65	- 8 17.2	0.836	1.818	9.5	16.9	4 11	12 7.84	- 9 47.3	2.103	3.073	5.6	19.3
4 21	12 3.77	- 7 18.5	0.869	1.819	15.0	17.2	4 21	12 1.00	- 8 30.3	2.132	3.054	9.0	19.5
5 1	12 2.16	- 6 33.4	0.919	1.822	19.9	17.5	5 1	11 55.87	- 7 19.2	2.187	3.034	12.2	19.6
<b>264181</b>	2010 <i>ET</i> <sub>60</sub>		3 26.1	226°41	7°9/12.2	18	<b>273194</b>	2006 <i>HY</i> <sub>130</sub>		3 26.1	253°51	0°2/25.9	17
2 21	12 41.72	+ 26 33.4	2.838	3.668	9.6	21.5	2 21	12 41.59	- 4 44.0	1.961	2.793	13.1	21.0
3 2	12 37.07	+ 28 16.1	2.783	3.658	8.4	21.4	3 2	12 37.37	- 4 1.8	1.880	2.791	9.8	20.7
3 12	12 30.89	+ 29 49.6	2.755	3.648	7.9	21.4	3 12	12 31.25	- 3 6.1	1.822	2.789	5.9	20.5
3 22	12 23.71	+ 31 7.3	2.753	3.637	8.4	21.4	3 22	12 23.86	- 2 1.5	1.792	2.786	1.7	20.2
4 1	12 16.20	+ 32 3.8	2.778	3.626	9.6	21.4	4 1	12 16.06	- 0 54.2	1.790	2.784	2.7	20.3
4 11	12 9.08	+ 32 36.4	2.827	3.614	11.1	21.5	4 11	12 8.78	+ 0 8.8	1.816	2.782	6.9	20.5
4 21	12 2.99	+ 32 45.0	2.896	3.602	12.7	21.6	4 21	12 2.82	+ 1 1.6	1.869	2.779	10.7	20.8
5 1	11 58.43	+ 32 31.1	2.983	3.590	14.1	21.8	5 1	11 58.76	+ 1 40.1	1.943	2.777	14.0	21.0
<b>245156</b>	2004 <i>SH</i> <sub>41</sub>		3 26.1	159°97	0°8/25.4	18	<b>114564</b>	2003 <i>BR</i> <sub>55</sub>		3 26.1	23°70	4°7/21.3	18
2 21	12 47.99	- 2 28.5	1.842	2.672	13.9	21.5	2 21	12 39.40	+ 3 49.1	1.457	2.326	14.7	19.1
3 2	12 42.12	- 1 54.8	1.768	2.678	10.3	21.2	3 2	12 36.19	+ 5 38.0	1.399	2.331	10.7	18.8
3 12	12 34.11	- 1 9.9	1.718	2.685	6.2	21.0	3 12	12 30.69	+ 7 36.6	1.364	2.336	6.7	18.6
3 22	12 24.68	- 0 18.5	1.696	2.690	1.8	20.7	3 22	12 23.72	+ 9 33.8	1.356	2.341	4.7	18.5
4 1	12 14.85	+ 0 33.2	1.702	2.695	3.1	20.8	4 1	12 16.34	+ 11 17.6	1.374	2.347	7.2	18.7
4 11	12 5.70	+ 1 18.6	1.738	2.699	7.5	21.1	4 11	12 9.72	+ 12 38.2	1.417	2.354	11.2	18.9
4 21	11 58.12	+ 1 52.7	1.799	2.702	11.5	21.3	4 21	12 4.79	+ 13 30.7	1.483	2.361	15.0	19.2
5 1	11 52.76	+ 2 12.2	1.882	2.705	14.8	21.6	5 1	12 2.17	+ 13 54.1	1.567	2.369	18.2	19.4
<b>147236</b>	2002 <i>XM</i> <sub>52</sub>		3 26.1	131°38	2°6/28.7	18	<b>277662</b>	2006 <i>BD</i> <sub>193</sub>		3 26.1	327°74	3°4/22.7	17
2 21	12 44.47	- 12 18.4	1.933	2.732	14.5	20.4	2 21	12 38.85	+ 1 50.1	1.592	2.454	14.0	20.2
3 2	12 39.48	- 12 0.3	1.856	2.741	11.3	20.2	3 2	12 35.77	+ 3 9.9	1.513	2.442	10.3	19.9
3 12	12 32.50	- 11 23.7	1.802	2.750	7.6	20.0	3 12	12 30.50	+ 4 42.0	1.458	2.430	6.2	19.6
3 22	12 24.20	- 10 31.1	1.774	2.759	3.9	19.8	3 22	12 23.69	+ 6 17.9	1.428	2.419	3.4	19.4
4 1	12 15.53	- 9 27.3	1.774	2.767	3.0	19.8	4 1	12 16.33	+ 7 47.7	1.426	2.408	5.7	19.5
4 11	12 7.48	- 8 19.3	1.803	2.775	6.3	20.0	4 11	12 9.54	+ 9 1.8	1.449	2.397	10.0	19.7
4 21	12 0.87	- 7 14.2	1.858	2.782	10.0	20.2	4 21	12 4.26	+ 9 54.0	1.495	2.388	14.0	20.0
5 1	11 56.32	- 6 18.0	1.937	2.789	13.3	20.4	5 1	12 1.19	+ 10 21.2	1.562	2.379	17.6	20.2
<b>89241</b>	2001 <i>UE</i> <sub>157</sub>												

EPHEMERIDES

3 26.1

3 26.1

2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$	2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$
<b>10705</b>	1981 <i>SL</i>		3 26.1 225°39	0°6/26.8	18		<b>234527</b>	2001 <i>UD</i> <sub>141</sub>		3 26.1 243°13	4°0/21.8	18	
2 21	12 44.74	- 7 41.7	2.076	2.889	13.2	19.3	2 21	12 43.96	+ 9 10.2	2.280	3.128	10.9	20.1
3 2	12 39.74	- 6 58.3	1.978	2.877	10.0	19.0	3 2	12 38.85	+ 9 51.0	2.206	3.125	8.1	20.0
3 12	12 32.74	- 5 58.7	1.904	2.864	6.3	18.8	3 12	12 32.03	+10 32.3	2.159	3.122	5.4	19.8
3 22	12 24.35	- 4 46.5	1.858	2.850	2.2	18.5	3 22	12 24.11	+11 8.8	2.139	3.119	4.0	19.7
4 1	12 15.41	- 3 27.4	1.841	2.836	2.4	18.5	4 1	12 15.86	+11 35.4	2.148	3.116	5.5	19.8
4 11	12 6.88	- 2 9.0	1.854	2.820	6.6	18.7	4 11	12 8.13	+11 48.1	2.185	3.113	8.3	19.9
4 21	11 59.64	- 0 58.0	1.893	2.804	10.6	18.9	4 21	12 1.61	+11 45.1	2.247	3.110	11.2	20.1
5 1	11 54.33	- 0 0.1	1.957	2.787	14.0	19.1	5 1	11 56.83	+11 26.2	2.330	3.106	13.7	20.3
<b>82336</b>	2001 <i>LH</i> <sub>11</sub>		3 26.1 184°92	0°7/25.2	17		<b>182401</b>	2001 <i>RT</i> <sub>15</sub>		3 26.1 155°23	0°9/27.4	18	
2 21	12 44.02	- 3 3.4	2.376	3.199	11.4	20.3	2 21	12 41.45	- 8 18.0	2.922	3.721	10.1	21.6
3 2	12 38.84	- 2 13.3	2.292	3.199	8.4	20.1	3 2	12 36.65	- 7 48.5	2.839	3.730	7.7	21.5
3 12	12 32.01	- 1 12.7	2.233	3.199	5.0	19.9	3 12	12 30.56	- 7 8.3	2.782	3.737	4.9	21.3
3 22	12 24.09	- 0 6.1	2.204	3.198	1.4	19.6	3 22	12 23.65	- 6 20.1	2.754	3.744	1.9	21.1
4 1	12 15.82	+ 1 1.1	2.204	3.196	2.7	19.7	4 1	12 16.51	- 5 27.5	2.756	3.751	1.7	21.1
4 11	12 8.01	+ 2 2.9	2.235	3.193	6.3	20.0	4 11	12 9.75	- 4 34.7	2.789	3.757	4.6	21.3
4 21	12 1.34	+ 2 54.7	2.293	3.190	9.6	20.2	4 21	12 3.90	- 3 45.7	2.851	3.763	7.4	21.5
5 1	11 56.33	+ 3 33.1	2.375	3.186	12.5	20.3	5 1	11 59.39	- 3 4.2	2.938	3.768	9.9	21.7
<b>379018</b>	2008 <i>VE</i> <sub>19</sub>		3 26.1 103°91	1°7/24.3	17		<b>149720</b>	2004 <i>JH</i> <sub>27</sub>		3 26.1 268°92	1°7/27.7	17	
2 21	12 42.85	+ 0 26.5	2.048	2.889	12.3	21.2	2 21	12 42.89	- 9 37.6	1.865	2.680	14.4	20.5
3 2	12 38.14	+ 1 8.6	1.978	2.895	9.0	21.0	3 2	12 38.62	- 9 13.4	1.767	2.664	11.1	20.3
3 12	12 31.64	+ 1 58.7	1.932	2.901	5.3	20.8	3 12	12 32.19	- 8 31.1	1.691	2.648	7.3	20.0
3 22	12 23.98	+ 2 51.7	1.914	2.907	2.0	20.6	3 22	12 24.23	- 7 33.3	1.642	2.632	3.1	19.7
4 1	12 16.00	+ 3 41.6	1.924	2.912	3.6	20.7	4 1	12 15.62	- 6 25.0	1.621	2.616	2.6	19.6
4 11	12 8.60	+ 4 22.9	1.963	2.918	7.3	20.9	4 11	12 7.45	- 5 13.8	1.627	2.599	6.8	19.8
4 21	12 2.51	+ 4 51.6	2.027	2.924	10.7	21.1	4 21	12 0.64	- 4 7.2	1.660	2.582	11.0	20.0
5 1	11 58.26	+ 5 5.5	2.114	2.929	13.7	21.3	5 1	11 55.93	- 3 11.8	1.715	2.565	14.8	20.2
<b>328973</b>	2010 <i>VG</i> <sub>181</sub>		3 26.1 105°02	4°2/22.2	18		<b>3966</b>	Cherednichenko		3 26.1 136°88	0°7/25.3	18	
2 21	12 46.78	+ 7 9.3	1.819	2.670	13.1	21.4	2 21	12 41.52	- 1 40.5	2.450	3.281	10.9	17.4
3 2	12 41.12	+ 8 5.5	1.765	2.686	9.7	21.2	3 2	12 36.95	- 1 13.3	2.371	3.282	8.0	17.2
3 12	12 33.43	+ 9 3.8	1.735	2.701	6.2	21.0	3 12	12 30.85	- 0 38.2	2.317	3.284	4.8	17.0
3 22	12 24.50	+ 9 57.4	1.732	2.716	4.2	20.9	3 22	12 23.76	+ 0 1.1	2.291	3.285	1.4	16.8
4 1	12 15.32	+10 39.2	1.758	2.730	6.0	21.1	4 1	12 16.38	+ 0 40.4	2.294	3.286	2.5	16.9
4 11	12 6.94	+11 4.4	1.810	2.744	9.3	21.3	4 11	12 9.43	+ 1 15.1	2.327	3.288	5.9	17.1
4 21	12 0.17	+11 10.8	1.887	2.758	12.6	21.5	4 21	12 3.54	+ 1 41.7	2.387	3.289	9.1	17.3
5 1	11 55.54	+10 58.5	1.985	2.772	15.4	21.8	5 1	11 59.21	+ 1 57.6	2.470	3.290	11.8	17.5
<b>249183</b>	2008 <i>CX</i> <sub>119</sub>		3 26.1 345°57	9°3/1.8	18		<b>371139</b>	2005 <i>WG</i> <sub>134</sub>		3 26.1 102°95	2°5/28.7	17	
2 21	12 50.65	-25 4.2	2.028	2.745	16.6	19.4	2 21	12 44.32	-11 52.9	1.982	2.782	14.2	21.8
3 2	12 44.62	-26 48.2	1.934	2.738	14.5	19.2	3 2	12 39.31	-11 40.4	1.909	2.795	11.0	21.6
3 12	12 36.00	-28 13.3	1.861	2.732	12.2	19.1	3 12	12 32.39	-11 10.5	1.860	2.808	7.4	21.4
3 22	12 25.40	-29 14.4	1.812	2.727	10.2	18.9	3 22	12 24.23	-10 25.7	1.837	2.821	3.8	21.2
4 1	12 13.84	-29 48.4	1.789	2.722	9.3	18.9	4 1	12 15.74	- 9 30.5	1.842	2.834	2.9	21.2
4 11	12 2.58	-29 56.3	1.792	2.717	10.0	18.9	4 11	12 7.88	- 8 31.5	1.875	2.847	6.1	21.4
4 21	11 52.82	-29 43.0	1.819	2.714	11.8	19.0	4 21	12 1.44	- 7 34.9	1.935	2.859	9.6	21.6
5 1	11 45.48	-29 15.9	1.870	2.711	14.2	19.1	5 1	11 56.98	- 6 46.4	2.019	2.871	12.8	21.9
<b>335632</b>	2006 <i>JY</i> <sub>15</sub>		3 26.1 168°72	0°7/25.4	17		<b>269477</b>	2009 <i>TM</i> <sub>35</sub>		3 26.1 164°13	0°2/25.9	17	
2 21	12 43.19	- 2 11.6	2.273	3.102	11.7	21.1	2 21	12 43.68	- 4 33.4	2.252	3.073	12.0	21.4
3 2	12 38.28	- 1 40.1	2.193	3.104	8.6	20.9	3 2	12 38.65	- 3 54.7	2.173	3.078	8.9	21.2
3 12	12 31.69	- 0 59.6	2.139	3.106	5.1	20.6	3 12	12 31.93	- 3 4.7	2.118	3.082	5.4	21.0
3 22	12 24.00	- 0 14.0	2.113	3.107	1.5	20.4	3 22	12 24.09	- 2 7.4	2.092	3.086	1.6	20.8
4 1	12 15.98	+ 0 31.8	2.117	3.109	2.6	20.5	4 1	12 15.93	- 1 8.0	2.096	3.090	2.4	20.8
4 11	12 8.44	+ 1 12.8	2.149	3.110	6.3	20.7	4 11	12 8.27	- 0 12.4	2.129	3.092	6.2	21.1
4 21	12 2.09	+ 1 44.8	2.208	3.111	9.7	20.9	4 21	12 1.81	+ 0 34.6	2.189	3.095	9.6	21.3
5 1	11 57.45	+ 2 4.9	2.291	3.111	12.6	21.1	5 1	11 57.10	+ 1 9.5	2.273	3.097	12.6	21.5
<b>48822</b>	1997 <i>WY</i> <sub>35</sub>		3 26.1 143°47	3°7/21.9	18		<b>482566</b>	2012 <i>WK</i> <sub>4</sub>		3 26.1 260°57	6°2/22.9	16 C	
2 21	12 44.42	+ 8 45.3	2.457	3.301	10.4	19.3	2 21	12 56.66	- 2 48.2	0.575	1.464	27.2	22.3
3 2	12 39.00	+ 9 28.0	2.391	3.308	7.7	19.1	3 2	12 54.05	- 0 57.6	0.492	1.434	21.2	21.8
3 12	12 32.02	+10 11.1	2.352	3.315	5.0	19.0	3 12	12 45.06	+ 1 55.4	0.423	1.400	13.4	21.1
3 22	12 24.08	+10 49.8	2.341	3.321	3.7	18.9	3 22	12 29.12	+ 5 49.9	0.370	1.364	6.4	20.5
4 1	12 15.90	+11 19.2	2.359	3.327	5.1	19.0	4 1	12 7.36	+10 22.5	0.336	1.323	12.9	20.5
4 11	12 8.24	+11 35.9	2.406	3.333	7.7	19.2	4 11	11 43.23	+14 46.6	0.318	1.280	25.3	20.7
4 21	12 1.75	+11 38.0	2.479	3.339	10.4	19.4	4 21	11 21.09	+18 18.6	0.314	1.235	37.6	21.0
5 1	11 56.89	+11 25.4	2.575	3.344	12.7	19.5	5 1	11 4.46	+20 40.5	0.316	1.187	48.9	21.2
<b>160327</b>	2003 <i>NJ</i> <sub>10</sub>		3 26.1 290°37	3°6/29.1	18		<b>239743</b>	2009 <i>FP</i> <sub>43</sub>		3 26.1 244°20	6°5/16.1	17	
2 21	12 43.12	-13 11.2	1.481	2.296	17.4	20.2	2 21	12 41.50	+19 52.3	2.734	3.577	9.5	20.4
3 2	12 39.28	-13 3.6	1.392	2.285	13.8	19.9	3 2	12 36.92	+21 14.8	2.664	3.564	7.7	20.2
3 12	12 32.82	-12 31.6	1.324	2.274	9.6	19.6	3 12	12 30.84	+22 32.2	2.622	3.551	6.6	20.1
3 22	12 24.44	-11 36.5	1.279	2.263	5.2	19.3	3 22	12 23.77	+23 38.3	2.607	3.537	6.7	20.1
4 1	12 15.28	-10 23.3	1.260	2.253	3.9	19.2	4 1	12 16.37	+24 27.5	2.619	3.523	8.1	20.2
4 11	12 6.71	- 9 1.3	1.267	2.242	7.9	19.4	4 11	12 9.35	+24 56.4	2.658	3.508	10.0	20.3
4 21	11 59.88	- 7 40.6	1.298	2.231	12.5	19.7	4 21	12 3.34	+25 4.1	2.719	3.493	11.9	20.4
5 1	11 55.67	- 6 30.7	1.350	2.221	16.8	19.9	5 1	11 58.82	+24 51.4	2.800	3.478	13.7	20.5
<b>259499</b>	2003 <i>SR</i> <sub>258</sub>		3 26.1 117°06	1°1/25.1	18		<b>397582</b>	2007 <i>US</i> <sub>131</sub>		3 26.1 172°38	1°6/24.5	18	

EPHEMERIDES

3 26.1

3 26.1

2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$	2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$
<b>330758</b>	2008 <i>SR</i> <sub>199</sub>		3 26.1 210°78	1°8/28.2	17		<b>150078</b>	2006 <i>TV</i> <sub>42</sub>		3 26.1 313°47	0°3/26.5	17	
2 21	12 42.04	-10 49.7	2.253	3.055	12.7	21.6	2 21	12 40.94	-5 15.2	2.132	2.959	12.4	20.0
3 2	12 37.55	-10 21.6	2.162	3.050	9.8	21.4	3 2	12 36.84	-4 52.3	2.043	2.951	9.3	19.8
3 12	12 31.34	-9 37.6	2.094	3.046	6.5	21.2	3 12	12 30.95	-4 17.4	1.978	2.942	5.7	19.6
3 22	12 23.95	-8 40.2	2.053	3.041	3.0	21.0	3 22	12 23.86	-3 33.8	1.941	2.934	1.8	19.3
4 1	12 16.15	-7 33.9	2.042	3.036	2.3	20.9	4 1	12 16.33	-2 46.3	1.931	2.926	2.3	19.3
4 11	12 8.78	-6 25.0	2.060	3.031	5.7	21.1	4 11	12 9.24	-2 0.5	1.950	2.918	6.2	19.6
4 21	12 2.58	-5 19.5	2.105	3.025	9.2	21.3	4 21	12 3.32	-1 21.4	1.996	2.911	9.9	19.8
5 1	11 58.10	-4 22.8	2.174	3.019	12.3	21.5	5 1	11 59.17	-0 53.0	2.064	2.904	13.1	20.0
<b>362037</b>	2008 <i>YX</i> <sub>167</sub>		3 26.1 75°68	0°7/25.6	18		<b>198900</b>	2005 <i>UH</i> <sub>30</sub>		3 26.1 212°15	0°7/25.5	18	
2 21	12 49.18	-2 49.1	1.390	2.233	16.9	21.3	2 21	12 47.93	-3 11.4	1.740	2.572	14.5	21.3
3 2	12 43.33	-2 21.1	1.340	2.257	12.4	21.0	3 2	12 42.41	-2 34.8	1.654	2.565	10.9	21.0
3 12	12 34.94	-1 39.8	1.313	2.281	7.4	20.8	3 12	12 34.52	-1 44.6	1.591	2.558	6.6	20.7
3 22	12 24.99	-0 51.1	1.310	2.304	2.1	20.5	3 22	12 24.96	-0 45.6	1.555	2.550	1.9	20.4
4 1	12 14.80	-0 2.8	1.334	2.328	3.5	20.7	4 1	12 14.78	+0 15.4	1.548	2.541	3.3	20.5
4 11	12 5.72	+0 37.5	1.385	2.351	8.5	21.0	4 11	12 5.18	+1 10.6	1.568	2.531	8.0	20.8
4 21	11 58.73	+1 4.6	1.460	2.374	12.9	21.4	4 21	11 57.18	+1 54.0	1.614	2.520	12.4	21.0
5 1	11 54.41	+1 15.4	1.556	2.397	16.5	21.6	5 1	11 51.52	+2 21.2	1.682	2.509	16.1	21.2
<b>260768</b>	2005 <i>ME</i> <sub>49</sub>		3 26.1 185°62	3°3/29.7	17		<b>494826</b>	2007 <i>TE</i> <sub>165</sub>		3 26.1 173°87	2°2/28.2	17	
2 21	12 44.83	-14 46.3	2.225	3.004	13.5	21.5	2 21	12 46.31	-10 58.0	1.931	2.733	14.5	22.3
3 2	12 39.66	-14 37.5	2.134	3.004	10.8	21.3	3 2	12 40.95	-10 39.1	1.848	2.736	11.2	22.1
3 12	12 32.63	-14 10.9	2.066	3.004	7.6	21.1	3 12	12 33.49	-10 2.4	1.787	2.739	7.4	21.9
3 22	12 24.34	-13 27.6	2.025	3.003	4.5	20.9	3 22	12 24.62	-9 10.4	1.753	2.740	3.5	21.6
4 1	12 15.61	-12 31.1	2.012	3.001	3.4	20.8	4 1	12 15.28	-8 8.1	1.748	2.742	2.8	21.6
4 11	12 7.35	-11 27.2	2.029	2.999	5.9	21.0	4 11	12 6.53	-7 2.3	1.771	2.742	6.5	21.8
4 21	12 0.34	-10 22.3	2.073	2.996	9.2	21.2	4 21	11 59.23	-6 0.1	1.821	2.742	10.3	22.1
5 1	11 55.19	-9 22.4	2.142	2.992	12.2	21.4	5 1	11 54.05	-5 7.5	1.895	2.741	13.8	22.3
<b>203455</b>	2001 <i>YE</i> <sub>96</sub>		3 26.1 53°91	4°4/23.0	18		<b>290717</b>	2005 <i>UA</i> <sub>424</sub>		3 26.1 173°67	1°2/27.2	18	
2 21	12 47.53	+5 27.7	1.274	2.140	16.6	19.7	2 21	12 46.78	-8 44.7	1.693	2.510	15.5	22.3
3 2	12 42.41	+6 15.8	1.223	2.152	12.2	19.4	3 2	12 41.53	-8 10.7	1.613	2.513	11.8	22.1
3 12	12 34.53	+7 8.9	1.193	2.164	7.6	19.2	3 12	12 33.94	-7 17.9	1.557	2.516	7.5	21.8
3 22	12 24.90	+7 58.2	1.188	2.176	4.5	19.1	3 22	12 24.77	-6 10.1	1.526	2.518	2.9	21.5
4 1	12 14.92	+8 34.8	1.208	2.189	6.7	19.2	4 1	12 15.08	-4 54.1	1.524	2.519	2.7	21.5
4 11	12 6.02	+8 51.9	1.253	2.202	11.1	19.5	4 11	12 6.07	-3 38.5	1.549	2.519	7.3	21.8
4 21	11 59.31	+8 47.2	1.319	2.215	15.3	19.8	4 21	11 58.72	-2 31.1	1.600	2.519	11.7	22.0
5 1	11 55.41	+8 21.1	1.405	2.229	18.9	20.0	5 1	11 53.72	-1 38.1	1.674	2.518	15.4	22.3
<b>146338</b>	2001 <i>OH</i> <sub>37</sub>		3 26.1 130°36	3°8/22.5	18		<b>521224</b>	2015 <i>GH</i> <sub>53</sub>		3 26.1 276°85	6°3/18.5	17	
2 21	12 47.67	+7 13.8	2.029	2.873	12.2	20.2	2 21	12 42.52	+15 28.2	2.202	3.056	11.1	21.4
3 2	12 41.64	+8 0.4	1.968	2.886	9.0	20.0	3 2	12 37.95	+16 41.1	2.131	3.045	8.7	21.3
3 12	12 33.72	+8 48.8	1.934	2.898	5.7	19.8	3 12	12 31.59	+17 51.0	2.086	3.034	6.8	21.1
3 22	12 24.63	+9 33.1	1.927	2.910	3.8	19.7	3 22	12 24.05	+18 50.6	2.068	3.024	6.5	21.1
4 1	12 15.28	+10 7.2	1.949	2.922	5.4	19.8	4 1	12 16.12	+19 33.6	2.077	3.013	8.0	21.1
4 11	12 6.64	+10 26.8	1.999	2.933	8.6	20.0	4 11	12 8.68	+19 55.6	2.113	3.003	10.5	21.3
4 21	11 59.48	+10 30.0	2.074	2.943	11.7	20.2	4 21	12 2.49	+19 55.3	2.171	2.992	13.1	21.4
5 1	11 54.32	+10 16.6	2.171	2.953	14.4	20.4	5 1	11 58.10	+19 33.5	2.249	2.981	15.4	21.6
<b>386560</b>	2009 <i>DB</i> <sub>78</sub>		3 26.1 49°27	3°8/29.9	17		<b>361574</b>	2007 <i>RO</i> <sub>142</sub>		3 26.1 171°46	1°7/24.5	18	
2 21	12 44.00	-14 21.7	2.119	2.904	13.9	21.1	2 21	12 49.61	+1 25.2	2.197	3.025	12.1	21.9
3 2	12 39.11	-14 39.6	2.036	2.908	11.1	21.0	3 2	12 43.06	+1 55.1	2.120	3.030	8.9	21.7
3 12	12 32.32	-14 40.8	1.976	2.912	7.9	20.8	3 12	12 34.61	+2 31.2	2.068	3.034	5.3	21.5
3 22	12 24.25	-14 26.1	1.941	2.916	4.9	20.6	3 22	12 24.93	+3 9.2	2.045	3.038	2.0	21.3
4 1	12 15.75	-13 57.7	1.934	2.920	3.9	20.5	4 1	12 14.89	+3 44.1	2.053	3.040	3.5	21.4
4 11	12 7.75	-13 20.5	1.956	2.925	6.1	20.7	4 11	12 5.44	+4 11.0	2.090	3.042	7.1	21.6
4 21	12 1.06	-12 40.1	2.004	2.929	9.3	20.9	4 21	11 57.35	+4 26.8	2.154	3.042	10.5	21.9
5 1	11 56.28	-12 2.0	2.076	2.934	12.3	21.1	5 1	11 51.21	+4 29.5	2.242	3.042	13.5	22.0
<b>248966</b>	2006 <i>YX</i> <sub>45</sub>		3 26.1 86°03	6°3/18.3	18		<b>89467</b>	2001 <i>XJ</i> <sub>19</sub>		3 26.1 140°31	2°0/24.4	18	
2 21	12 42.66	+17 16.2	2.387	3.236	10.5	20.3	2 21	12 48.96	+0 53.3	1.716	2.556	14.3	19.6
3 2	12 37.81	+18 20.6	2.331	3.240	8.3	20.2	3 2	12 42.96	+1 31.9	1.650	2.566	10.5	19.4
3 12	12 31.36	+19 19.6	2.301	3.243	6.6	20.1	3 12	12 34.70	+2 19.1	1.607	2.576	6.3	19.2
3 22	12 23.93	+20 7.1	2.298	3.247	6.4	20.1	3 22	12 24.98	+3 8.9	1.592	2.585	2.4	18.9
4 1	12 16.25	+20 37.9	2.323	3.251	7.7	20.1	4 1	12 14.88	+3 54.6	1.606	2.594	4.2	19.1
4 11	12 9.13	+20 49.0	2.374	3.255	9.9	20.3	4 11	12 5.58	+4 29.8	1.647	2.602	8.4	19.3
4 21	12 3.21	+20 39.7	2.448	3.259	12.1	20.4	4 21	11 58.00	+4 50.4	1.713	2.609	12.3	19.6
5 1	11 58.95	+20 11.5	2.542	3.262	14.1	20.6	5 1	11 52.75	+4 54.4	1.801	2.616	15.7	19.8
<b>165366</b>	2000 <i>WF</i> <sub>104</sub>		3 26.1 65°98	0°3/26.4	18		<b>496362</b>	2013 <i>RY</i> <sub>18</sub>		3 26.1 194°58	1°5/27.8	17	
2 21	12 44.97	-6 45.4	1.375	2.215	17.2	20.0	2 21	12 44.24	-9 34.7	2.439	3.237	11.9	22.6
3 2	12 40.30	-5 58.2	1.323	2.237	12.8	19.8	3 2	12 39.06	-9 11.2	2.346	3.234	9.2	22.4
3 12	12 33.16	-4 52.1	1.292	2.258	7.8	19.6	3 12	12 32.21	-8 34.0	2.278	3.231	6.0	22.2
3 22	12 24.49	-3 33.5	1.287	2.280	2.4	19.3	3 22	12 24.24	-7 45.5	2.238	3.227	2.6	22.0
4 1	12 15.54	-2 11.7	1.307	2.302	3.0	19.4	4 1	12 15.87	-6 49.8	2.228	3.222	2.1	21.9
4 11	12 7.61	-0 56.9	1.354	2.324	8.1	19.8	4 11	12 7.92	-5 52.2	2.248	3.217	5.4	22.1
4 21	12 1.63	+0 3.6	1.425	2.346	12.6	20.1	4 21	12 1.09	-4 57.9	2.296	3.211	8.8	22.3
5 1	11 58.20	+0 44.9	1.517	2.368	16.4	20.4	5 1	11 55.91	-4 11.4	2.369	3.205	11.7	22.5
<b>2450</b>	Ioannisian		3 26.1 334°70	1°3/24.8	18		<b>171090</b>	2005 <i>ET</i> <sub>207</sub>		3 26.1 112°78	0°1/26.2	18	
2 21	12 40.56	-0 58.6	2.014	2.857									

EPHEMERIDES

3 26.1

3 26.2

2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$	2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$
<b>375225</b>	2008 <i>FN</i> <sub>57</sub>		3 26.1 256°26	0°8/25.4	17		<b>348803</b>	2006 <i>QS</i> <sub>105</sub>		3 26.1 167°72	1°4/28.0	17	
2 21	12 43.79	- 3 6.9	2.022	2.853	12.8	21.8	2 21	12 41.66	- 9 43.1	2.861	3.656	10.4	22.3
3 2	12 39.13	- 2 24.2	1.924	2.835	9.6	21.5	3 2	12 36.90	- 9 21.7	2.774	3.660	8.0	22.1
3 12	12 32.47	- 1 28.7	1.850	2.816	5.8	21.2	3 12	12 30.79	- 8 48.7	2.712	3.664	5.2	21.9
3 22	12 24.36	- 0 24.9	1.803	2.797	1.7	20.9	3 22	12 23.82	- 8 6.4	2.679	3.667	2.4	21.7
4 1	12 15.67	+ 0 41.0	1.785	2.778	3.0	21.0	4 1	12 16.57	- 7 18.1	2.676	3.669	1.9	21.7
4 11	12 7.36	+ 1 42.3	1.796	2.758	7.3	21.2	4 11	12 9.69	- 6 28.1	2.703	3.672	4.6	21.9
4 21	12 0.31	+ 2 32.8	1.833	2.737	11.3	21.4	4 21	12 3.74	- 5 40.7	2.758	3.674	7.5	22.1
5 1	11 55.21	+ 3 8.3	1.893	2.716	14.7	21.6	5 1	11 59.15	- 4 59.4	2.839	3.675	10.0	22.2
<b>430788</b>	2004 <i>TH</i> <sub>279</sub>		3 26.1 148°96	3°3/30.3	16		<b>29200</b>	1991 <i>FX</i> <sub>2</sub>		3 26.1 156°10	1°6/24.6	18	
2 21	12 42.93	-16 36.4	2.444	3.211	12.8	21.9	2 21	12 48.58	+ 1 34.6	2.156	2.987	12.1	17.8
3 2	12 38.05	-16 11.1	2.359	3.221	10.2	21.8	3 2	12 42.32	+ 1 54.5	2.082	2.994	8.9	17.6
3 12	12 31.56	-15 27.6	2.298	3.230	7.3	21.6	3 12	12 34.18	+ 2 20.1	2.033	3.000	5.3	17.4
3 22	12 24.03	-14 27.6	2.264	3.238	4.4	21.4	3 22	12 24.84	+ 2 47.3	2.013	3.006	1.9	17.1
4 1	12 16.20	-13 15.2	2.259	3.246	3.3	21.4	4 1	12 15.16	+ 3 11.5	2.023	3.011	3.4	17.3
4 11	12 8.86	-11 56.0	2.284	3.253	5.3	21.5	4 11	12 6.08	+ 3 28.4	2.062	3.016	7.0	17.5
4 21	12 2.67	-10 36.7	2.337	3.260	8.3	21.7	4 21	11 58.38	+ 3 35.1	2.128	3.020	10.4	17.7
5 1	11 58.14	- 9 23.0	2.415	3.266	11.0	21.9	5 1	11 52.62	+ 3 29.9	2.217	3.024	13.4	17.9
<b>267715</b>	2003 <i>BC</i> <sub>36</sub>		3 26.1 76°86	3°9/22.3	18		<b>200657</b>	2001 <i>TF</i> <sub>27</sub>		3 26.1 70°49	0°2/26.0	18	
2 21	12 43.94	+ 4 24.5	1.647	2.504	14.0	20.5	2 21	12 49.89	- 2 41.7	1.343	2.188	17.3	20.0
3 2	12 39.22	+ 5 41.5	1.596	2.521	10.2	20.3	3 2	12 44.18	- 2 39.3	1.282	2.198	12.9	19.7
3 12	12 32.40	+ 7 4.4	1.568	2.538	6.3	20.1	3 12	12 35.68	- 2 24.0	1.241	2.209	7.8	19.4
3 22	12 24.28	+ 8 24.6	1.568	2.555	3.9	20.0	3 22	12 25.33	- 2 0.3	1.226	2.220	2.3	19.1
4 1	12 15.91	+ 9 33.5	1.595	2.571	6.0	20.1	4 1	12 14.50	- 1 34.4	1.237	2.231	3.4	19.2
4 11	12 8.36	+10 24.2	1.648	2.588	9.6	20.4	4 11	12 4.68	- 1 13.1	1.273	2.242	8.7	19.6
4 21	12 2.46	+10 53.4	1.725	2.605	13.2	20.6	4 21	11 57.01	- 1 1.7	1.334	2.253	13.4	19.9
5 1	11 58.75	+11 0.6	1.823	2.621	16.2	20.9	5 1	11 52.20	- 1 3.7	1.415	2.264	17.4	20.1
<b>196571</b>	2003 <i>QB</i> <sub>32</sub>		3 26.1 287°43	3°5/29.1	17		<b>354830</b>	2005 <i>XG</i> <sub>20</sub>		3 26.1 112°78	1°7/24.8	18	
2 21	12 44.80	-12 34.4	1.914	2.712	14.7	20.3	2 21	12 50.24	- 0 11.6	1.549	2.390	15.5	21.6
3 2	12 40.11	-12 50.9	1.811	2.694	11.7	20.1	3 2	12 44.03	+ 0 22.7	1.490	2.407	11.4	21.4
3 12	12 33.19	-12 50.6	1.731	2.675	8.2	19.8	3 12	12 35.38	+ 1 6.9	1.455	2.423	6.8	21.1
3 22	12 24.61	-12 33.6	1.675	2.656	4.8	19.6	3 22	12 25.20	+ 1 55.1	1.446	2.439	2.2	20.9
4 1	12 15.29	-12 2.5	1.648	2.637	3.8	19.4	4 1	12 14.70	+ 2 39.9	1.465	2.455	4.0	21.0
4 11	12 6.33	-11 22.2	1.648	2.619	6.8	19.6	4 11	12 5.15	+ 3 14.6	1.511	2.470	8.6	21.3
4 21	11 58.73	-10 39.2	1.673	2.600	10.7	19.8	4 21	11 57.53	+ 3 34.7	1.581	2.484	12.8	21.6
5 1	11 53.27	- 9 59.9	1.722	2.581	14.3	20.0	5 1	11 52.46	+ 3 38.3	1.673	2.498	16.3	21.9
<b>497918</b>	2006 <i>VT</i> <sub>59</sub>		3 26.1 231°57	1°9/24.2	17		<b>248605</b>	2006 <i>DB</i> <sub>55</sub>		3 26.1 130°31	0°3/26.5	17	
2 21	12 45.21	+ 0 25.7	2.040	2.877	12.5	22.4	2 21	12 44.38	- 5 1.8	2.069	2.892	12.9	21.3
3 2	12 40.11	+ 1 14.7	1.949	2.864	9.2	22.1	3 2	12 39.33	- 4 42.9	1.993	2.898	9.6	21.1
3 12	12 33.01	+ 2 13.2	1.883	2.852	5.5	21.9	3 12	12 32.44	- 4 12.5	1.940	2.903	5.9	20.9
3 22	12 24.52	+ 3 15.9	1.845	2.838	2.1	21.6	3 22	12 24.33	- 3 34.0	1.915	2.908	1.9	20.7
4 1	12 15.49	+ 4 16.4	1.837	2.824	3.9	21.7	4 1	12 15.86	- 2 52.1	1.918	2.913	2.3	20.7
4 11	12 6.92	+ 5 8.2	1.857	2.809	7.8	21.9	4 11	12 7.95	- 2 12.3	1.950	2.918	6.3	21.0
4 21	11 59.65	+ 5 46.2	1.903	2.794	11.5	22.1	4 21	12 1.36	- 1 39.3	2.009	2.922	9.9	21.2
5 1	11 54.33	+ 6 7.7	1.971	2.778	14.8	22.3	5 1	11 56.66	- 1 16.8	2.091	2.926	13.1	21.4
<b>18305</b>	1981 <i>DL</i> <sub>1</sub>		3 26.1 198°14	4°0/31.1	18		<b>186120</b>	2001 <i>TM</i> <sub>140</sub>		3 26.2 133°04	2°3/23.7	18	
2 21	12 43.67	-17 58.3	2.840	3.590	11.6	19.9	2 21	12 45.60	+ 2 16.0	2.113	2.951	12.0	21.5
3 2	12 38.52	-18 14.8	2.742	3.587	9.5	19.7	3 2	12 40.10	+ 3 6.2	2.048	2.964	8.8	21.3
3 12	12 31.85	-18 16.6	2.668	3.584	7.1	19.5	3 12	12 32.82	+ 4 2.6	2.009	2.977	5.2	21.1
3 22	12 24.14	-18 3.8	2.620	3.581	4.9	19.4	3 22	12 24.43	+ 4 59.7	1.998	2.989	2.4	20.9
4 1	12 16.05	-17 37.9	2.601	3.577	4.0	19.3	4 1	12 15.78	+ 5 51.5	2.017	3.001	4.1	21.1
4 11	12 8.28	-17 2.2	2.612	3.573	5.3	19.4	4 11	12 7.75	+ 6 32.5	2.064	3.012	7.5	21.3
4 21	12 1.48	-16 21.1	2.651	3.569	7.6	19.5	4 21	12 1.08	+ 6 59.5	2.138	3.022	10.8	21.5
5 1	11 56.15	-15 39.2	2.715	3.564	10.0	19.7	5 1	11 56.27	+ 7 10.8	2.234	3.032	13.6	21.7
<b>261978</b>	2006 <i>QR</i> <sub>11</sub>		3 26.1 256°16	4°7/21.7	18		<b>368727</b>	2005 <i>UR</i> <sub>70</sub>		3 26.2 201°59	0°5/26.7	17	
2 21	12 44.34	+ 6 13.7	1.654	2.513	13.8	20.4	2 21	12 45.56	- 5 52.2	2.377	3.188	11.8	22.0
3 2	12 39.82	+ 7 29.5	1.578	2.503	10.3	20.1	3 2	12 40.08	- 5 30.2	2.285	3.184	8.9	21.8
3 12	12 32.98	+ 8 51.9	1.525	2.493	6.6	19.9	3 12	12 32.87	- 4 56.9	2.218	3.178	5.5	21.6
3 22	12 24.53	+10 12.3	1.499	2.482	4.7	19.8	3 22	12 24.48	- 4 15.2	2.179	3.172	1.9	21.3
4 1	12 15.50	+11 21.3	1.500	2.472	6.9	19.9	4 1	12 15.67	- 3 29.4	2.171	3.166	2.1	21.3
4 11	12 7.08	+12 11.0	1.527	2.461	10.7	20.0	4 11	12 7.27	- 2 44.3	2.192	3.158	5.8	21.6
4 21	12 0.26	+12 37.4	1.577	2.450	14.5	20.3	4 21	12 0.02	- 2 4.8	2.241	3.150	9.3	21.8
5 1	11 55.77	+12 39.3	1.646	2.439	17.8	20.4	5 1	11 54.49	- 1 34.6	2.315	3.141	12.3	21.9
<b>304053</b>	2006 <i>EX</i> <sub>33</sub>		3 26.1 340°27	5°6/21.6	18		<b>464686</b>	2001 <i>VN</i> <sub>67</sub>		3 26.2 27°00	12°6/11.7	18	
2 21	12 43.46	+ 6 30.0	1.281	2.154	16.1	19.4	2 21	12 38.43	-38 55.4	1.479	2.150	23.5	19.6
3 2	12 39.63	+ 7 48.1	1.217	2.149	11.9	19.1	3 2	12 36.07	-39 10.3	1.408	2.161	21.3	19.5
3 12	12 33.04	+ 9 13.2	1.175	2.145	7.8	18.9	3 12	12 30.94	-38 40.5	1.350	2.174	18.6	19.3
3 22	12 24.57	+10 34.5	1.157	2.142	5.6	18.7	3 22	12 23.96	-37 21.3	1.308	2.188	15.9	19.1
4 1	12 15.49	+11 40.3	1.164	2.139	8.1	18.8	4 1	12 16.49	-35 13.5	1.287	2.203	13.6	19.0
4 11	12 7.26	+12 21.8	1.195	2.136	12.4	19.1	4 11	12 9.98	-32 26.0	1.288	2.219	12.6	19.0
4 21	12 1.05	+12 35.1	1.247	2.134	16.7	19.3	4 21	12 5.56	-29 13.9	1.313	2.235	13.4	19.1
5 1	11 57.59	+12 20.4	1.316	2.132	20.3	19.6	5 1	12 3.88	-25 55.3	1.361	2.252	15.4	19.3
<b>371075</b>	2005 <i>UD</i> <sub>327</sub>		3 26.1 174°78	0°6/25.5	17		<b>460811</b>	2014 <i>WW</i> <sub>51</sub>		3 26.2 0°85			

EPHEMERIDES

3 26.2

3 26.2

2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$	2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$
<b>78515</b>	2002 <i>RV</i> <sub>90</sub>		3 26.2 248°35		0°3/26.4 17		<b>329803</b>	2004 <i>QF</i> <sub>21</sub>		3 26.2 233°24		1°5/27.4 17	
2 21	12 45.37	- 5 31.9	1.893	2.718	13.8	20.7	2 21	12 47.79	- 8 14.9	1.778	2.592	15.0	22.1
3 2	12 40.46	- 5 4.7	1.797	2.703	10.5	20.5	3 2	12 42.42	- 8 1.6	1.682	2.580	11.6	21.8
3 12	12 33.36	- 4 23.1	1.724	2.687	6.5	20.2	3 12	12 34.63	- 7 31.5	1.609	2.567	7.5	21.5
3 22	12 24.69	- 3 30.6	1.678	2.671	2.1	19.9	3 22	12 25.10	- 6 47.1	1.562	2.553	3.1	21.2
4 1	12 15.38	- 2 32.7	1.660	2.655	2.6	19.9	4 1	12 14.84	- 5 53.3	1.544	2.539	2.7	21.2
4 11	12 6.51	- 1 36.5	1.671	2.638	7.2	20.1	4 11	12 5.05	- 4 57.2	1.553	2.523	7.3	21.4
4 21	11 59.02	- 0 48.2	1.707	2.620	11.4	20.4	4 21	11 56.80	- 4 6.0	1.589	2.508	11.7	21.6
5 1	11 53.64	- 0 12.8	1.767	2.603	15.1	20.5	5 1	11 50.88	- 3 25.6	1.647	2.491	15.6	21.8
<b>312519</b>	2009 <i>DO</i> <sub>32</sub>		3 26.2 56°94		2°1/24.2 18		<b>57796</b>	2001 <i>VO</i> <sub>99</sub>		3 26.2 161°35		0°9/25.1 18	
2 21	12 42.61	- 1 37.3	1.447	2.301	15.7	20.6	2 21	12 42.15	- 4 25.4	2.098	2.926	12.5	19.4
3 2	12 38.66	- 0 24.6	1.382	2.306	11.5	20.3	3 2	12 37.68	- 3 10.2	2.020	2.931	9.2	19.2
3 12	12 32.31	+ 1 3.2	1.339	2.311	6.8	20.1	3 12	12 31.45	- 1 41.2	1.968	2.935	5.5	19.0
3 22	12 24.35	+ 2 37.9	1.322	2.316	2.4	19.8	3 22	12 24.08	- 0 4.2	1.945	2.939	1.6	18.7
4 1	12 15.94	+ 4 9.0	1.332	2.321	4.7	20.0	4 1	12 16.37	+ 1 33.1	1.951	2.942	3.0	18.8
4 11	12 8.32	+ 5 26.3	1.368	2.326	9.4	20.2	4 11	12 9.18	+ 3 3.1	1.987	2.945	6.9	19.1
4 21	12 2.47	+ 6 23.1	1.427	2.331	13.8	20.5	4 21	12 3.25	+ 4 19.5	2.049	2.948	10.5	19.3
5 1	11 59.06	+ 6 56.2	1.506	2.337	17.5	20.7	5 1	11 59.11	+ 5 18.2	2.135	2.950	13.6	19.5
<b>424616</b>	2008 <i>JH</i> <sub>13</sub>		3 26.2 215°82		7°3/18.1 17		<b>90754</b>	1993 <i>RY</i> <sub>4</sub>		3 26.2 108°87		1°5/27.4 18	
2 21	12 45.95	+17 3.6	2.028	2.878	12.0	21.1	2 21	12 48.67	- 7 42.0	1.605	2.426	16.0	19.3
3 2	12 40.62	+18 24.2	1.963	2.872	9.5	20.9	3 2	12 42.94	- 7 34.8	1.538	2.440	12.2	19.1
3 12	12 33.28	+19 40.0	1.924	2.867	7.7	20.8	3 12	12 34.81	- 7 11.1	1.493	2.453	7.8	18.9
3 22	12 24.62	+20 42.8	1.911	2.861	7.4	20.7	3 22	12 25.10	- 6 34.3	1.474	2.466	3.1	18.6
4 1	12 15.56	+21 25.4	1.926	2.854	9.1	20.8	4 1	12 14.98	- 5 49.7	1.483	2.478	2.8	18.6
4 11	12 7.11	+21 43.5	1.966	2.847	11.6	20.9	4 11	12 5.69	- 5 4.5	1.519	2.490	7.3	18.9
4 21	12 0.11	+21 36.5	2.029	2.840	14.2	21.1	4 21	11 58.22	- 4 25.3	1.581	2.502	11.6	19.2
5 1	11 55.16	+21 6.0	2.110	2.832	16.5	21.3	5 1	11 53.22	- 3 57.1	1.664	2.513	15.2	19.4
<b>376637</b>	2013 <i>PF</i> <sub>70</sub>		3 26.2 178°36		1°6/27.9 17		<b>63874</b>	2001 <i>RT</i> <sub>135</sub>		3 26.2 99°85		2°0/24.2 18	
2 21	12 47.08	- 9 10.0	2.642	3.432	11.3	21.8	2 21	12 45.15	+ 0 7.5	1.921	2.760	13.0	19.8
3 2	12 41.03	- 9 6.9	2.551	3.435	8.7	21.6	3 2	12 39.86	+ 1 5.7	1.865	2.782	9.5	19.6
3 12	12 33.36	- 8 52.5	2.486	3.436	5.7	21.4	3 12	12 32.71	+ 2 12.4	1.834	2.803	5.6	19.4
3 22	12 24.63	- 8 28.4	2.450	3.437	2.6	21.2	3 22	12 24.43	+ 3 21.3	1.830	2.823	2.2	19.2
4 1	12 15.54	- 7 57.5	2.444	3.437	2.2	21.2	4 1	12 15.94	+ 4 25.6	1.856	2.843	3.9	19.4
4 11	12 6.86	- 7 23.8	2.469	3.437	5.1	21.4	4 11	12 8.18	+ 5 18.8	1.910	2.863	7.6	19.6
4 21	11 59.27	- 6 51.5	2.523	3.435	8.2	21.6	4 21	12 1.89	+ 5 57.1	1.990	2.882	11.1	19.9
5 1	11 53.28	- 6 24.3	2.602	3.433	10.9	21.7	5 1	11 57.58	+ 6 18.3	2.092	2.901	14.0	20.1
<b>55372</b>	2001 <i>SZ</i> <sub>239</sub>		3 26.2 112°60		2°2/23.4 18		<b>410295</b>	2007 <i>TP</i> <sub>281</sub>		3 26.2 259°48		2°5/28.4 16	
2 21	12 41.88	+ 2 59.4	2.470	3.310	10.5	19.4	2 21	12 43.79	-11 45.6	1.616	2.430	16.3	21.0
3 2	12 37.16	+ 3 49.4	2.405	3.322	7.6	19.3	3 2	12 39.63	-11 20.6	1.523	2.418	12.7	20.8
3 12	12 30.98	+ 4 44.3	2.367	3.335	4.6	19.1	3 12	12 33.03	-10 32.8	1.452	2.406	8.6	20.5
3 22	12 23.90	+ 5 39.2	2.357	3.347	2.3	18.9	3 22	12 24.65	- 9 24.6	1.406	2.393	4.1	20.2
4 1	12 16.60	+ 6 29.0	2.377	3.359	3.8	19.1	4 1	12 15.54	- 8 1.7	1.386	2.380	3.1	20.1
4 11	12 9.80	+ 7 9.2	2.426	3.371	6.7	19.3	4 11	12 6.96	- 6 33.5	1.394	2.367	7.5	20.3
4 21	12 4.09	+ 7 36.9	2.501	3.382	9.5	19.5	4 21	11 59.98	- 5 9.5	1.426	2.354	12.1	20.6
5 1	11 59.91	+ 7 50.5	2.599	3.393	12.0	19.7	5 1	11 55.43	- 3 58.3	1.481	2.341	16.2	20.8
<b>61310</b>	2000 <i>OQ</i> <sub>50</sub>		3 26.2 246°71		1°3/25.1 17		<b>104870</b>	2000 <i>HV</i> <sub>93</sub>		3 26.2 194°45		1°7/28.3 18	
2 21	12 47.44	- 1 16.0	1.776	2.612	14.1	19.5	2 21	12 41.18	-11 1.6	2.560	3.356	11.5	20.4
3 2	12 42.13	- 0 42.4	1.682	2.596	10.5	19.3	3 2	12 36.76	-10 32.7	2.469	3.354	8.9	20.2
3 12	12 34.45	+ 0 2.8	1.612	2.579	6.3	19.0	3 12	12 30.83	- 9 49.5	2.402	3.352	5.9	20.0
3 22	12 25.04	+ 0 54.9	1.568	2.562	2.0	18.7	3 22	12 23.91	- 8 54.6	2.362	3.349	2.8	19.8
4 1	12 14.92	+ 1 47.2	1.553	2.544	3.6	18.7	4 1	12 16.65	- 7 51.8	2.353	3.347	2.1	19.7
4 11	12 5.26	+ 2 32.7	1.565	2.525	8.3	19.0	4 11	12 9.77	- 6 46.6	2.373	3.344	5.1	19.9
4 21	11 57.12	+ 3 5.6	1.603	2.506	12.6	19.2	4 21	12 3.91	- 5 44.1	2.421	3.340	8.2	20.1
5 1	11 51.28	+ 3 22.2	1.663	2.487	16.4	19.4	5 1	11 59.56	- 4 49.2	2.494	3.336	11.0	20.3
<b>333280</b>	1998 <i>QD</i> <sub>82</sub>		3 26.2 206°29		1°8/28.5 18		<b>60930</b>	2000 <i>JX</i> <sub>46</sub>		3 26.2 287°53		1°4/25.2 18	
2 21	12 42.20	-11 43.5	2.775	3.561	11.0	21.9	2 21	12 48.96	+ 0 41.2	1.721	2.560	14.3	18.6
3 2	12 37.43	-11 13.9	2.675	3.555	8.5	21.7	3 2	12 43.43	+ 0 45.3	1.622	2.537	10.7	18.3
3 12	12 31.20	-10 30.4	2.601	3.547	5.7	21.5	3 12	12 35.35	+ 0 56.8	1.546	2.514	6.5	18.0
3 22	12 23.99	- 9 35.2	2.554	3.540	2.8	21.3	3 22	12 25.37	+ 1 11.9	1.497	2.491	2.1	17.7
4 1	12 16.44	- 8 31.9	2.538	3.531	2.1	21.2	4 1	12 14.53	+ 1 25.7	1.477	2.468	3.7	17.8
4 11	12 9.22	- 7 25.4	2.552	3.522	4.8	21.4	4 11	12 4.11	+ 1 32.6	1.483	2.445	8.5	18.0
4 21	12 2.94	- 6 20.7	2.596	3.512	7.8	21.6	4 21	11 55.26	+ 1 28.8	1.515	2.422	13.0	18.2
5 1	11 58.09	- 5 22.6	2.665	3.502	10.5	21.7	5 1	11 48.83	+ 1 11.6	1.568	2.399	16.9	18.4
<b>54531</b>	2000 <i>QH</i> <sub>33</sub>		3 26.2 275°17		8°4/17.2 18		<b>195216</b>	2002 <i>DR</i> <sub>11</sub>		3 26.2 338°56		3°4/22.7 17	
2 21	12 45.37	+18 30.9	1.827	2.681	12.9	18.2	2 21	12 35.12	- 0 49.7	1.318	2.191	15.7	19.3
3 2	12 40.50	+19 58.8	1.758	2.667	10.4	18.0	3 2	12 33.46	+ 0 54.3	1.240	2.174	11.5	19.0
3 12	12 33.36	+21 21.0	1.713	2.652	8.7	17.9	3 12	12 29.38	+ 2 58.8	1.184	2.159	6.9	18.6
3 22	12 24.68	+22 28.1	1.694	2.637	8.7	17.8	3 22	12 23.57	+ 5 13.3	1.152	2.144	3.4	18.4
4 1	12 15.47	+23 11.5	1.700	2.623	10.5	17.9	4 1	12 17.10	+ 7 23.9	1.147	2.131	6.3	18.5
4 11	12 6.88	+23 26.5	1.731	2.608	13.1	18.0	4 11	12 11.24	+ 9 16.4	1.165	2.119	11.2	18.8
4 21	11 59.86	+23 12.3	1.783	2.592	15.9	18.2	4 21	12 7.05	+10 41.1	1.206	2.109	15.9	19.0
5 1	11 55.09	+22 31.3	1.853	2.577	18.4	18.3	5 1	12 5.33	+11 33.3	1.265	2.100	20.0	19.2
<b>503703</b>	2016 <i>JO</i> <sub>12</sub>		3 26.2 344°66		6°7/17.5 17		<b>65972</b>	1998 <i>HJ</i> <sub>28</sub>		3 26.2 129°20			

EPHEMERIDES

3 26.2

3 26.2

2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$	2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$
<b>316030</b>	2009 <i>FF</i> <sub>47</sub>		3 26.2 259°33	1.8°/24.6	17		<b>340771</b>	2006 <i>SF</i> <sub>336</sub>		3 26.2 86°75	2°4/23.4	17	
2 21	12 44.50	- 0 50.2	1.634	2.481	14.6	21.0	2 21	12 41.47	+ 2 51.3	2.272	3.116	11.1	20.9
3 2	12 40.01	- 0 2.4	1.552	2.472	10.8	20.7	3 2	12 37.05	+ 3 39.4	2.201	3.120	8.1	20.8
3 12	12 33.17	+ 0 58.1	1.493	2.463	6.5	20.4	3 12	12 31.03	+ 4 33.1	2.156	3.125	4.9	20.6
3 22	12 24.68	+ 2 5.0	1.460	2.454	2.2	20.1	3 22	12 23.98	+ 5 27.3	2.140	3.130	2.4	20.4
4 1	12 15.58	+ 3 10.6	1.455	2.445	4.1	20.2	4 1	12 16.65	+ 6 16.5	2.152	3.135	4.0	20.5
4 11	12 7.07	+ 4 6.5	1.476	2.435	8.8	20.5	4 11	12 9.82	+ 6 55.7	2.192	3.140	7.1	20.7
4 21	12 0.16	+ 4 46.7	1.521	2.425	13.1	20.7	4 21	12 4.14	+ 7 21.7	2.259	3.144	10.2	20.9
5 1	11 55.59	+ 5 7.6	1.588	2.416	16.9	20.9	5 1	12 0.11	+ 7 32.7	2.348	3.149	12.9	21.1
<b>37146</b>	2000 <i>VD</i> <sub>46</sub>		3 26.2 314°66	4°7/29.7	18		<b>338173</b>	2002 <i>RV</i> <sub>115</sub>		3 26.2 217°51	2°0/28.7	17	
2 21	12 41.86	-14 10.8	1.322	2.143	18.8	18.6	2 21	12 42.86	-11 42.3	2.770	3.555	11.0	22.5
3 2	12 38.78	-14 22.1	1.231	2.125	15.2	18.3	3 2	12 37.96	-11 26.7	2.668	3.546	8.6	22.3
3 12	12 32.82	-14 7.2	1.159	2.107	10.9	18.0	3 12	12 31.57	-10 57.8	2.590	3.536	5.8	22.1
3 22	12 24.67	-13 25.9	1.109	2.090	6.5	17.7	3 22	12 24.17	-10 17.5	2.541	3.525	3.0	21.9
4 1	12 15.52	-12 21.7	1.082	2.073	4.9	17.6	4 1	12 16.37	- 9 28.7	2.522	3.514	2.3	21.8
4 11	12 6.89	-11 3.6	1.081	2.057	8.6	17.7	4 11	12 8.89	- 8 35.8	2.532	3.502	4.9	22.0
4 21	12 0.14	- 9 43.0	1.102	2.042	13.6	17.9	4 21	12 2.35	- 7 43.5	2.572	3.490	7.8	22.1
5 1	11 56.28	- 8 30.8	1.143	2.027	18.2	18.2	5 1	11 57.25	- 6 56.2	2.636	3.477	10.5	22.3
<b>131657</b>	2001 <i>XP</i> <sub>114</sub>		3 26.2 338°67	0°1/26.2	18		<b>98569</b>	2000 <i>WY</i> <sub>20</sub>		3 26.2 311°60	5°9/21.3	18	
2 21	12 46.52	- 3 35.7	1.318	2.167	17.3	19.5	2 21	12 45.04	+ 8 27.3	1.416	2.283	15.2	19.5
3 2	12 41.97	- 3 29.6	1.244	2.163	13.0	19.2	3 2	12 40.66	+ 9 39.9	1.349	2.277	11.4	19.2
3 12	12 34.57	- 3 8.8	1.191	2.159	8.0	18.9	3 12	12 33.65	+10 56.4	1.305	2.271	7.6	19.0
3 22	12 25.13	- 2 37.3	1.161	2.156	2.4	18.6	3 22	12 24.84	+12 6.8	1.285	2.266	5.9	18.9
4 1	12 14.98	- 2 1.8	1.158	2.153	3.3	18.6	4 1	12 15.45	+13 1.0	1.291	2.260	8.2	19.0
4 11	12 5.61	- 1 30.2	1.179	2.150	8.9	18.9	4 11	12 6.84	+13 31.4	1.322	2.255	12.1	19.2
4 21	11 58.27	- 1 8.9	1.223	2.148	14.0	19.2	4 21	12 0.13	+13 35.0	1.374	2.250	16.1	19.4
5 1	11 53.79	- 1 2.5	1.288	2.146	18.3	19.5	5 1	11 56.04	+13 12.4	1.444	2.246	19.5	19.6
<b>390970</b>	2005 <i>QH</i> <sub>127</sub>		3 26.2 251°53	2°2/28.5	16		<b>30397</b>	2000 <i>KU</i> <sub>39</sub>		3 26.2 143°74	2°8/22.7	18	
2 21	12 44.12	-10 19.7	2.543	3.336	11.6	21.7	2 21	12 45.46	+ 4 54.3	2.509	3.345	10.5	19.2
3 2	12 39.03	-10 28.0	2.443	3.325	9.1	21.5	3 2	12 39.77	+ 5 52.2	2.445	3.360	7.6	19.0
3 12	12 32.28	-10 24.3	2.367	3.315	6.1	21.3	3 12	12 32.56	+ 6 53.5	2.408	3.374	4.7	18.9
3 22	12 24.38	-10 10.0	2.319	3.304	3.2	21.0	3 22	12 24.43	+ 7 53.2	2.401	3.387	2.8	18.7
4 1	12 16.02	- 9 47.2	2.301	3.293	2.5	21.0	4 1	12 16.07	+ 8 45.8	2.424	3.399	4.3	18.9
4 11	12 8.00	- 9 19.8	2.312	3.282	5.3	21.1	4 11	12 8.25	+ 9 27.0	2.476	3.411	7.1	19.1
4 21	12 1.00	- 8 52.0	2.351	3.270	8.4	21.3	4 21	12 1.58	+ 9 54.2	2.555	3.422	9.9	19.3
5 1	11 55.60	- 8 27.7	2.415	3.259	11.3	21.5	5 1	11 56.53	+10 6.1	2.657	3.431	12.3	19.4
<b>45539</b>	2000 <i>CM</i> <sub>32</sub>		3 26.2 214°22	0°4/26.6	18		<b>185199</b>	2006 <i>TB</i> <sub>25</sub>		3 26.2 165°28	0°2/26.4	17	R
2 21	12 42.50	- 5 51.1	2.224	3.044	12.2	19.6	2 21	12 41.67	- 4 52.5	2.601	3.419	10.7	21.1
3 2	12 37.94	- 5 22.5	2.137	3.041	9.2	19.4	3 2	12 37.05	- 4 25.7	2.518	3.421	8.0	20.9
3 12	12 31.64	- 4 41.6	2.075	3.037	5.7	19.2	3 12	12 30.98	- 3 49.3	2.461	3.423	4.9	20.7
3 22	12 24.18	- 3 52.0	2.040	3.034	1.9	18.9	3 22	12 23.97	- 3 6.4	2.432	3.426	1.5	20.5
4 1	12 16.33	- 2 58.2	2.035	3.030	2.2	18.9	4 1	12 16.67	- 2 21.0	2.433	3.427	2.0	20.5
4 11	12 8.92	- 2 6.2	2.058	3.026	6.0	19.1	4 11	12 9.77	- 1 37.7	2.464	3.429	5.3	20.8
4 21	12 2.68	- 1 20.8	2.109	3.021	9.6	19.4	4 21	12 3.88	- 1 0.3	2.522	3.431	8.4	21.0
5 1	11 58.17	- 0 46.2	2.183	3.017	12.6	19.5	5 1	11 59.46	- 0 32.1	2.605	3.432	11.0	21.1
<b>341788</b>	2007 <i>WM</i> <sub>48</sub>		3 26.2 251°65	3°5/22.3	18		<b>292973</b>	2006 <i>VQ</i> <sub>140</sub>		3 26.2 99°28	0°3/25.9	18	
2 21	12 42.40	+ 6 22.3	2.199	3.048	11.2	20.4	2 21	12 44.97	- 4 7.0	1.735	2.569	14.4	21.4
3 2	12 37.83	+ 7 13.8	2.125	3.046	8.3	20.2	3 2	12 40.06	- 3 32.3	1.667	2.579	10.7	21.1
3 12	12 31.54	+ 8 8.6	2.077	3.044	5.2	20.0	3 12	12 33.02	- 2 44.4	1.623	2.589	6.5	20.9
3 22	12 24.14	+ 9 1.1	2.057	3.041	3.5	19.9	3 22	12 24.61	- 1 48.1	1.605	2.599	1.9	20.6
4 1	12 16.40	+ 9 45.3	2.065	3.039	5.1	20.0	4 1	12 15.82	- 0 50.1	1.615	2.609	2.9	20.7
4 11	12 9.16	+10 16.5	2.101	3.037	8.1	20.2	4 11	12 7.75	+ 0 2.5	1.652	2.618	7.4	21.0
4 21	12 3.11	+10 31.9	2.162	3.034	11.2	20.4	4 21	12 1.26	+ 0 44.0	1.715	2.628	11.4	21.3
5 1	11 58.81	+10 30.4	2.245	3.032	13.8	20.6	5 1	11 56.95	+ 1 10.6	1.800	2.637	14.8	21.5
<b>10599</b>	1996 <i>TK</i> <sub>15</sub>		3 26.2 230°12	1°0/27.4	18		<b>392973</b>	2012 <i>XJ</i> <sub>33</sub>		3 26.2 332°81	6°1/19.7	17	
2 21	12 42.16	- 9 39.2	2.208	3.015	12.7	19.0	2 21	12 42.12	+13 28.0	1.949	2.809	12.0	20.2
3 2	12 37.77	- 8 48.3	2.110	3.004	9.7	18.7	3 2	12 37.88	+14 29.6	1.879	2.799	9.2	20.0
3 12	12 31.60	- 7 40.1	2.036	2.993	6.2	18.5	3 12	12 31.70	+15 29.3	1.834	2.790	6.9	19.9
3 22	12 24.19	- 6 18.2	1.990	2.981	2.4	18.2	3 22	12 24.22	+16 19.4	1.814	2.781	6.2	19.8
4 1	12 16.31	- 4 48.3	1.974	2.969	2.2	18.2	4 1	12 16.33	+16 53.3	1.822	2.772	7.9	19.9
4 11	12 8.83	- 3 17.7	1.987	2.956	6.0	18.4	4 11	12 9.01	+17 6.4	1.855	2.764	10.7	20.0
4 21	12 2.51	- 1 53.7	2.028	2.943	9.8	18.6	4 21	12 3.05	+16 57.2	1.911	2.757	13.6	20.2
5 1	11 57.94	- 0 42.0	2.093	2.929	13.0	18.8	5 1	11 59.05	+16 26.6	1.986	2.750	16.2	20.4
<b>86738</b>	2000 <i>GB</i> <sub>51</sub>		3 26.2 279°78	0°7/25.6	18		<b>352046</b>	2006 <i>VA</i> <sub>112</sub>		3 26.2 211°52	4°3/20.3	18	
2 21	12 43.94	- 4 15.2	1.440	2.286	16.2	19.9	2 21	12 44.73	+13 50.5	3.020	3.857	8.8	21.4
3 2	12 40.02	- 3 28.8	1.351	2.269	12.2	19.6	3 2	12 39.13	+14 33.4	2.942	3.850	6.8	21.3
3 12	12 33.41	- 2 23.4	1.282	2.251	7.4	19.2	3 12	12 32.17	+15 13.9	2.891	3.842	5.0	21.1
3 22	12 24.82	- 1 4.5	1.239	2.233	2.1	18.9	3 22	12 24.32	+15 47.7	2.869	3.833	4.4	21.1
4 1	12 15.37	+ 0 19.1	1.222	2.216	3.7	18.9	4 1	12 16.20	+16 10.7	2.877	3.824	5.5	21.2
4 11	12 6.46	+ 1 36.8	1.231	2.197	9.2	19.2	4 11	12 8.46	+16 20.2	2.914	3.814	7.6	21.3
4 21	11 59.30	+ 2 39.5	1.263	2.179	14.3	19.4	4 21	12 1.66	+16 15.1	2.977	3.804	9.7	21.4
5 1	11 54.78	+ 3 21.3	1.315	2.161	18.7	19.6	5 1	11 56.25	+15 55.4	3.063	3.794	11.7	21.5
<b>506224</b>	2016 <i>JS</i> <sub>35</sub>		3 26.2 322°08	7°3/ 1.9	17		<b>428348</b>	2007 <i>MV</i> <sub>1</sub>		3 26.2 259°94	9°1/1		

EPHEMERIDES

3 26.2

3 26.2

2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$	2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$
<b>151518</b>	2002 PE <sub>133</sub>		3 26.2 285°05		1°0/25.3 17		<b>156398</b>	2001 YC <sub>153</sub>		3 26.2 106°99		0°2/26.0 18	
2 21	12 43.91	- 3 16.8	1.628	2.470	14.9	21.3	2 21	12 49.19	- 2 24.1	1.970	2.794	13.4	20.3
3 2	12 39.82	- 2 30.7	1.526	2.443	11.2	21.0	3 2	12 42.91	- 2 19.7	1.902	2.809	9.9	20.1
3 12	12 33.25	- 1 27.8	1.447	2.416	6.8	20.6	3 12	12 34.63	- 2 6.5	1.860	2.824	6.0	19.9
3 22	12 24.79	- 0 13.1	1.394	2.388	2.0	20.2	3 22	12 25.09	- 1 47.6	1.845	2.839	1.7	19.6
4 1	12 15.44	+ 1 5.4	1.368	2.360	3.7	20.3	4 1	12 15.25	- 1 27.4	1.859	2.853	2.6	19.7
4 11	12 6.46	+ 2 18.6	1.368	2.332	8.8	20.5	4 11	12 6.12	- 1 10.5	1.902	2.867	6.7	20.0
4 21	11 58.99	+ 3 18.1	1.394	2.304	13.6	20.7	4 21	11 58.51	- 1 0.6	1.972	2.880	10.4	20.2
5 1	11 53.91	+ 3 58.3	1.439	2.275	17.9	20.9	5 1	11 52.99	- 1 0.2	2.065	2.893	13.5	20.5
<b>245144</b>	2004 RB <sub>288</sub>		3 26.2 129°99		1°5/24.6 18		<b>305699</b>	2009 BY <sub>157</sub>		3 26.2 47°14		1°6/27.3 18	
2 21	12 45.14	+ 0 24.7	2.090	2.926	12.3	20.5	2 21	12 47.41	- 6 59.2	1.209	2.052	18.9	21.0
3 2	12 39.87	+ 0 57.6	2.020	2.934	9.0	20.3	3 2	12 42.52	- 7 0.0	1.157	2.071	14.3	20.8
3 12	12 32.78	+ 1 38.0	1.974	2.942	5.3	20.1	3 12	12 34.76	- 6 41.7	1.126	2.090	9.0	20.6
3 22	12 24.52	+ 2 21.0	1.957	2.950	1.9	19.8	3 22	12 25.18	- 6 8.3	1.117	2.110	3.5	20.3
4 1	12 15.96	+ 3 1.5	1.968	2.957	3.4	20.0	4 1	12 15.22	- 5 26.6	1.134	2.130	3.2	20.3
4 11	12 7.98	+ 3 34.3	2.008	2.964	7.0	20.2	4 11	12 6.39	- 4 45.4	1.176	2.150	8.4	20.7
4 21	12 1.34	+ 3 55.8	2.074	2.971	10.5	20.4	4 21	11 59.83	- 4 12.1	1.240	2.171	13.2	21.0
5 1	11 56.57	+ 4 3.7	2.163	2.977	13.4	20.6	5 1	11 56.18	- 3 52.2	1.325	2.192	17.3	21.3
<b>144885</b>	2004 RH <sub>116</sub>		3 26.2 166°71		2°3/22.7 18		<b>495251</b>	2013 NH		3 26.2 154°61		5°2/19.6 17	
2 21	12 39.66	+ 4 17.0	2.932	3.772	9.0	20.2	2 21	12 46.48	+ 13 34.1	2.501	3.342	10.3	22.1
3 2	12 35.42	+ 5 12.1	2.858	3.775	6.6	20.1	3 2	12 40.58	+ 14 46.6	2.444	3.353	7.9	21.9
3 12	12 29.93	+ 6 11.0	2.810	3.778	4.0	19.9	3 12	12 33.09	+ 15 56.6	2.413	3.364	5.8	21.8
3 22	12 23.66	+ 7 9.3	2.792	3.780	2.4	19.8	3 22	12 24.62	+ 16 57.8	2.412	3.373	5.3	21.8
4 1	12 17.15	+ 8 2.7	2.805	3.782	3.7	19.9	4 1	12 15.93	+ 17 44.7	2.440	3.382	6.7	21.9
4 11	12 11.01	+ 8 47.1	2.846	3.784	6.2	20.0	4 11	12 7.80	+ 18 13.7	2.496	3.389	9.0	22.0
4 21	12 5.73	+ 9 19.7	2.914	3.785	8.7	20.2	4 21	12 0.87	+ 18 23.7	2.577	3.396	11.3	22.2
5 1	12 1.73	+ 9 39.1	3.006	3.786	10.8	20.4	5 1	11 55.62	+ 18 15.2	2.679	3.402	13.3	22.4
<b>211447</b>	2003 AS <sub>70</sub>		3 26.2 76°17		2°9/23.0 17		<b>292627</b>	2006 UW <sub>19</sub>		3 26.2 79°86		2°1/28.8 17	
2 21	12 42.83	+ 4 29.1	2.160	3.006	11.5	20.8	2 21	12 40.86	- 12 2.8	2.327	3.123	12.5	20.8
3 2	12 38.06	+ 5 16.5	2.100	3.020	8.4	20.6	3 2	12 36.61	- 11 39.4	2.250	3.134	9.7	20.7
3 12	12 31.62	+ 6 7.8	2.065	3.033	5.1	20.4	3 12	12 30.78	- 11 0.5	2.198	3.145	6.5	20.5
3 22	12 24.17	+ 6 57.7	2.059	3.047	2.9	20.3	3 22	12 23.95	- 10 8.7	2.172	3.157	3.3	20.3
4 1	12 16.48	+ 7 40.6	2.081	3.060	4.5	20.4	4 1	12 16.84	- 9 8.2	2.175	3.168	2.4	20.3
4 11	12 9.39	+ 8 11.8	2.131	3.074	7.6	20.6	4 11	12 10.22	- 8 4.7	2.207	3.179	5.3	20.5
4 21	12 3.55	+ 8 28.6	2.206	3.087	10.6	20.8	4 21	12 4.74	- 7 3.9	2.267	3.190	8.4	20.7
5 1	11 59.46	+ 8 30.0	2.304	3.101	13.3	21.0	5 1	12 0.88	- 6 10.6	2.351	3.201	11.3	20.9
<b>141975</b>	2002 PS <sub>126</sub>		3 26.2 223°05		1°8/24.3 16		<b>462010</b>	2006 XO <sub>16</sub>		3 26.2 156°50		0°4/26.6 18	
2 21	12 45.49	+ 0 4.8	2.023	2.859	12.6	21.3	2 21	12 46.24	- 5 41.0	2.256	3.069	12.3	21.8
3 2	12 40.36	+ 0 54.3	1.934	2.849	9.3	21.0	3 2	12 40.61	- 5 15.2	2.178	3.078	9.2	21.6
3 12	12 33.22	+ 1 53.5	1.871	2.839	5.6	20.8	3 12	12 33.22	- 4 37.9	2.125	3.085	5.7	21.4
3 22	12 24.71	+ 2 57.3	1.835	2.828	2.1	20.5	3 22	12 24.69	- 3 52.5	2.099	3.093	1.9	21.2
4 1	12 15.67	+ 3 59.0	1.828	2.816	3.8	20.6	4 1	12 15.83	- 3 3.6	2.104	3.099	2.2	21.2
4 11	12 7.10	+ 4 52.1	1.851	2.804	7.8	20.8	4 11	12 7.51	- 2 16.6	2.139	3.105	5.9	21.5
4 21	11 59.86	+ 5 31.5	1.899	2.791	11.5	21.0	4 21	12 0.44	- 1 36.3	2.201	3.110	9.4	21.7
5 1	11 54.59	+ 5 54.4	1.969	2.778	14.8	21.2	5 1	11 55.18	- 1 6.1	2.287	3.114	12.4	21.9
<b>94443</b>	2001 TD <sub>76</sub>		3 26.2 226°25		3°0/23.5 18		<b>266942</b>	2010 SZ <sub>23</sub>		3 26.2 171°70		3°9/22.4 16	
2 21	12 47.69	+ 2 38.2	1.789	2.633	13.7	20.4	2 21	12 46.70	+ 6 12.2	1.910	2.758	12.7	21.4
3 2	12 42.25	+ 3 33.3	1.703	2.622	10.1	20.1	3 2	12 41.23	+ 7 9.5	1.841	2.761	9.4	21.2
3 12	12 34.50	+ 4 37.4	1.642	2.610	6.2	19.8	3 12	12 33.71	+ 8 10.7	1.797	2.763	6.0	20.9
3 22	12 25.11	+ 5 43.8	1.607	2.598	3.1	19.6	3 22	12 24.85	+ 9 9.1	1.780	2.765	3.9	20.8
4 1	12 15.10	+ 6 44.6	1.602	2.585	5.0	19.7	4 1	12 15.62	+ 9 57.7	1.792	2.766	5.7	20.9
4 11	12 5.64	+ 7 32.6	1.623	2.571	9.2	19.9	4 11	12 7.03	+ 10 30.8	1.831	2.767	9.1	21.1
4 21	11 57.71	+ 8 2.9	1.670	2.556	13.2	20.1	4 21	11 59.92	+ 10 45.5	1.895	2.767	12.5	21.3
5 1	11 52.06	+ 8 13.2	1.738	2.541	16.7	20.3	5 1	11 54.90	+ 10 41.2	1.980	2.767	15.4	21.5
<b>337879</b>	2001 WV <sub>67</sub>		3 26.2 71°34		0°9/25.2 17		<b>422963</b>	2003 CW <sub>5</sub>		3 26.2 123°54		1°3/27.5 18	
2 21	12 42.52	- 1 36.9	2.176	3.010	11.9	20.9	2 21	12 47.55	- 7 51.2	2.061	2.868	13.5	21.1
3 2	12 37.82	- 1 3.3	2.113	3.026	8.7	20.7	3 2	12 41.67	- 7 41.1	1.990	2.884	10.2	20.9
3 12	12 31.48	- 0 21.2	2.074	3.041	5.2	20.5	3 12	12 33.89	- 7 17.6	1.943	2.899	6.5	20.7
3 22	12 24.13	+ 0 25.0	2.063	3.057	1.5	20.3	3 22	12 24.90	- 6 43.6	1.923	2.913	2.6	20.5
4 1	12 16.54	+ 1 10.3	2.081	3.072	2.8	20.4	4 1	12 15.59	- 6 3.3	1.933	2.927	2.3	20.5
4 11	12 9.52	+ 1 49.5	2.127	3.088	6.4	20.7	4 11	12 6.92	- 5 22.2	1.971	2.941	6.1	20.8
4 21	12 3.75	+ 2 18.7	2.200	3.103	9.7	20.9	4 21	11 59.68	- 4 45.4	2.037	2.953	9.7	21.0
5 1	11 59.69	+ 2 35.7	2.296	3.119	12.5	21.1	5 1	11 54.42	- 4 17.2	2.127	2.966	12.8	21.3
<b>140911</b>	2001 VO <sub>57</sub>		3 26.2 176°94		4°0/21.6 18		<b>226378</b>	2003 KO <sub>30</sub>		3 26.2 217°14		6°2/19.7 17	
2 21	12 44.13	+ 10 3.1	2.500	3.344	10.2	20.2	2 21	12 45.14	+ 13 22.3	1.982	2.835	12.1	20.2
3 2	12 38.89	+ 10 44.7	2.429	3.345	7.6	20.0	3 2	12 40.07	+ 14 33.6	1.915	2.832	9.3	20.0
3 12	12 32.10	+ 11 26.0	2.385	3.345	5.1	19.8	3 12	12 33.01	+ 15 43.0	1.874	2.828	6.9	19.8
3 22	12 24.32	+ 12 2.1	2.369	3.346	4.0	19.8	3 22	12 24.65	+ 16 42.7	1.859	2.824	6.2	19.8
4 1	12 16.27	+ 12 28.2	2.382	3.346	5.3	19.8	4 1	12 15.90	+ 17 25.7	1.872	2.820	7.9	19.9
4 11	12 8.70	+ 12 41.0	2.424	3.346	7.9	20.0	4 11	12 7.76	+ 17 47.2	1.912	2.816	10.7	20.0
4 21	12 2.25	+ 12 38.9	2.491	3.346	10.5	20.2	4 21	12 1.04	+ 17 45.9	1.974	2.811	13.6	20.2
5 1	11 57.40	+ 12 21.8	2.580	3.346	12.8	20.3	5 1	11 56.34	+ 17 22.6	2.056	2.806	16.1	20.4
<b>288613</b>	2004 NQ <sub>6</sub>		3 26.2 217°64		3°5/29.8 17		<b>210313</b>	2007 TM <sub>165</sub>					

EPHEMERIDES

3 26.2

3 26.2

2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$	2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$
<b>260516</b>	2005 <i>EB</i> <sub>83</sub>		3 26.2 315°65	1.9°/27.6	17		<b>326043</b>	2010 <i>XA</i> <sub>83</sub>		3 26.2 151°48	7°7/18.4	18	
2 21	12 43.89	- 7 56.0	1.385	2.222	17.2	20.8	2 21	12 48.56	+18 35.3	1.953	2.799	12.6	20.5
3 2	12 40.11	- 7 58.0	1.297	2.207	13.3	20.5	3 2	12 42.55	+19 47.0	1.900	2.805	10.0	20.4
3 12	12 33.56	- 7 41.2	1.230	2.192	8.7	20.1	3 12	12 34.47	+20 51.1	1.872	2.810	8.2	20.3
3 22	12 24.94	- 7 7.7	1.186	2.177	3.7	19.8	3 22	12 25.09	+21 39.7	1.870	2.815	7.9	20.3
4 1	12 15.43	- 6 22.7	1.168	2.163	3.2	19.7	4 1	12 15.43	+22 6.1	1.895	2.820	9.4	20.4
4 11	12 6.48	- 5 34.3	1.174	2.150	8.3	20.0	4 11	12 6.54	+22 7.3	1.945	2.824	11.8	20.5
4 21	11 59.35	- 4 50.8	1.204	2.137	13.4	20.2	4 21	11 59.26	+21 43.6	2.018	2.828	14.3	20.7
5 1	11 54.98	- 4 19.4	1.254	2.124	17.9	20.5	5 1	11 54.14	+20 57.9	2.110	2.831	16.6	20.9
<b>183851</b>	2004 <i>BA</i> <sub>163</sub>		3 26.2 156°71	1°6/24.7	18		<b>379750</b>	2011 <i>GK</i> <sub>79</sub>		3 26.2 283°61	0°3/26.5	17	
2 21	12 48.58	+ 0 35.8	2.074	2.905	12.6	21.3	2 21	12 43.66	- 5 0.1	1.919	2.747	13.5	21.4
3 2	12 42.44	+ 1 6.8	2.002	2.913	9.2	21.1	3 2	12 39.10	- 4 40.8	1.833	2.741	10.2	21.2
3 12	12 34.37	+ 1 45.1	1.954	2.921	5.5	20.9	3 12	12 32.53	- 4 8.8	1.771	2.735	6.3	20.9
3 22	12 25.05	+ 2 26.1	1.934	2.928	1.9	20.7	3 22	12 24.56	- 3 27.5	1.735	2.729	2.0	20.6
4 1	12 15.39	+ 3 4.4	1.945	2.934	3.4	20.8	4 1	12 16.09	- 2 42.1	1.728	2.723	2.5	20.6
4 11	12 6.36	+ 3 34.9	1.984	2.939	7.2	21.1	4 11	12 8.12	- 1 58.7	1.749	2.717	6.8	20.9
4 21	11 58.74	+ 3 54.0	2.050	2.944	10.7	21.3	4 21	12 1.52	- 1 22.8	1.795	2.711	10.7	21.1
5 1	11 53.12	+ 3 59.6	2.139	2.948	13.8	21.5	5 1	11 56.92	- 0 58.4	1.864	2.705	14.2	21.3
<b>37570</b>	1989 <i>UD</i> <sub>1</sub>		3 26.2 139°16	0°3/26.4	18		<b>40877</b>	1999 <i>TF</i> <sub>124</sub>		3 26.2 158°39	0°2/26.0	18	
2 21	12 48.96	- 4 35.5	1.728	2.554	14.9	19.0	2 21	12 43.81	- 3 54.6	2.004	2.833	13.0	19.7
3 2	12 43.09	- 4 22.0	1.655	2.562	11.2	18.7	3 2	12 39.07	- 3 27.8	1.925	2.835	9.7	19.5
3 12	12 34.93	- 3 55.7	1.607	2.570	6.8	18.5	3 12	12 32.42	- 2 49.5	1.871	2.836	5.9	19.3
3 22	12 25.25	- 3 20.2	1.584	2.578	2.2	18.2	3 22	12 24.51	- 2 3.7	1.843	2.837	1.7	19.0
4 1	12 15.13	- 2 41.0	1.590	2.585	2.7	18.3	4 1	12 16.19	- 1 15.7	1.844	2.838	2.5	19.1
4 11	12 5.74	- 2 4.6	1.624	2.592	7.3	18.6	4 11	12 8.42	- 0 31.4	1.873	2.839	6.7	19.3
4 21	11 58.04	- 1 36.1	1.684	2.598	11.5	18.8	4 21	12 1.97	+ 0 4.2	1.929	2.840	10.4	19.6
5 1	11 52.68	- 1 19.6	1.766	2.604	15.0	19.0	5 1	11 57.44	+ 0 27.6	2.007	2.840	13.6	19.8
<b>361618</b>	2007 <i>TG</i> <sub>76</sub>		3 26.2 207°81	0°4/25.8	17		<b>143592</b>	2003 <i>FS</i> <sub>52</sub>		3 26.2 38°28	1°3/25.0	18	
2 21	12 48.21	- 3 6.3	1.868	2.695	13.9	21.7	2 21	12 43.15	- 0 15.0	1.901	2.743	13.0	19.5
3 2	12 42.54	- 2 41.2	1.781	2.690	10.4	21.5	3 2	12 38.53	+ 0 8.6	1.839	2.757	9.5	19.4
3 12	12 34.63	- 2 4.2	1.719	2.684	6.3	21.2	3 12	12 32.03	+ 0 40.2	1.802	2.770	5.7	19.1
3 22	12 25.18	- 1 19.6	1.683	2.677	1.8	20.9	3 22	12 24.37	+ 1 15.3	1.791	2.785	1.8	18.9
4 1	12 15.17	- 0 32.9	1.677	2.670	2.9	21.0	4 1	12 16.43	+ 1 48.4	1.808	2.799	3.2	19.0
4 11	12 5.70	+ 0 9.4	1.699	2.662	7.4	21.2	4 11	12 9.15	+ 2 14.4	1.853	2.815	7.1	19.3
4 21	11 57.73	+ 0 42.0	1.747	2.654	11.5	21.4	4 21	12 3.29	+ 2 29.8	1.923	2.830	10.7	19.6
5 1	11 51.96	+ 1 1.2	1.817	2.645	15.1	21.6	5 1	11 59.37	+ 2 32.3	2.016	2.846	13.7	19.8
<b>96462</b>	1998 <i>HP</i> <sub>44</sub>		3 26.2 359°27	1°6/25.1	18		<b>205798</b>	2002 <i>CH</i> <sub>153</sub>		3 26.2 284°24	3°5/23.2	16	
2 21	12 44.00	- 0 27.4	1.188	2.054	17.6	18.3	2 21	12 43.56	+ 1 57.0	1.468	2.327	15.2	20.5
3 2	12 40.27	- 0 8.2	1.122	2.051	13.1	18.0	3 2	12 39.61	+ 3 6.7	1.388	2.315	11.2	20.2
3 12	12 33.61	+ 0 23.7	1.076	2.049	7.9	17.7	3 12	12 33.12	+ 4 28.9	1.331	2.302	6.8	19.9
3 22	12 24.92	+ 1 2.2	1.054	2.048	2.5	17.3	3 22	12 24.80	+ 5 55.2	1.299	2.290	3.5	19.7
4 1	12 15.56	+ 1 38.9	1.056	2.048	4.4	17.5	4 1	12 15.78	+ 7 15.3	1.294	2.277	5.9	19.8
4 11	12 7.09	+ 2 5.5	1.081	2.050	9.9	17.8	4 11	12 7.38	+ 8 19.4	1.314	2.265	10.5	20.0
4 21	12 0.76	+ 2 16.3	1.129	2.052	15.0	18.1	4 21	12 0.71	+ 9 1.1	1.357	2.252	15.0	20.3
5 1	11 57.36	+ 2 8.2	1.195	2.055	19.3	18.3	5 1	11 56.57	+ 9 17.7	1.419	2.240	18.8	20.5
<b>282704</b>	2006 <i>BJ</i> <sub>79</sub>		3 26.2 327°75	5°0/20.9	17		<b>262138</b>	2006 <i>SR</i> <sub>62</sub>		3 26.2 223°42	2°7/23.5	14 C	
2 21	12 40.90	+ 7 10.0	1.721	2.584	13.1	20.1	2 21	12 46.62	+ 3 9.6	2.110	2.948	12.1	22.2
3 2	12 37.20	+ 8 33.8	1.650	2.578	9.7	19.9	3 2	12 41.16	+ 3 59.5	2.021	2.937	8.9	22.0
3 12	12 31.41	+ 10 2.9	1.604	2.571	6.4	19.7	3 12	12 33.73	+ 4 56.3	1.958	2.925	5.4	21.7
3 22	12 24.21	+ 11 28.5	1.584	2.565	5.0	19.6	3 22	12 24.93	+ 5 54.4	1.923	2.912	2.8	21.5
4 1	12 16.54	+ 12 41.5	1.592	2.560	7.1	19.7	4 1	12 15.62	+ 6 47.4	1.917	2.899	4.5	21.6
4 11	12 9.46	+ 13 34.4	1.625	2.554	10.5	19.9	4 11	12 6.77	+ 7 29.4	1.940	2.885	8.1	21.8
4 21	12 3.85	+ 14 3.7	1.681	2.549	14.0	20.1	4 21	11 59.20	+ 7 56.4	1.989	2.870	11.6	22.0
5 1	12 0.34	+ 14 8.4	1.756	2.545	17.1	20.3	5 1	11 53.57	+ 8 6.5	2.060	2.855	14.7	22.2
<b>279037</b>	2008 <i>VU</i> <sub>13</sub>		3 26.2 196°60	2°0/23.9	17		<b>303886</b>	2005 <i>TJ</i> <sub>71</sub>		3 26.2 245°55	3°5/30.3	18	
2 21	12 43.27	+ 1 42.5	2.299	3.137	11.2	21.5	2 21	12 42.54	- 15 30.7	2.550	3.321	12.2	21.0
3 2	12 38.44	+ 2 28.5	2.219	3.135	8.2	21.3	3 2	12 37.90	- 15 40.2	2.454	3.316	9.8	20.8
3 12	12 31.94	+ 3 21.2	2.165	3.133	4.9	21.1	3 12	12 31.65	- 15 34.5	2.381	3.311	7.1	20.6
3 22	12 24.94	+ 4 15.8	2.139	3.130	2.1	20.9	3 22	12 24.29	- 15 14.3	2.334	3.306	4.6	20.4
4 1	12 16.38	+ 5 6.8	2.142	3.127	3.7	21.0	4 1	12 16.51	- 14 41.8	2.316	3.300	3.6	20.4
4 11	12 8.88	+ 5 49.0	2.174	3.124	7.0	21.2	4 11	12 9.08	- 14 0.8	2.327	3.295	5.4	20.5
4 21	12 2.54	+ 6 18.8	2.233	3.120	10.2	21.4	4 21	12 2.69	- 13 16.3	2.366	3.289	8.1	20.6
5 1	11 57.87	+ 6 34.1	2.314	3.116	13.0	21.6	5 1	11 57.87	- 12 33.2	2.429	3.284	10.8	20.8
<b>42630</b>	1998 <i>FE</i> <sub>47</sub>		3 26.2 36°21	1°7/27.3	18		<b>289614</b>	2005 <i>GZ</i> <sub>27</sub>		3 26.2 336°48	3°3/28.4	17	
2 21	12 47.90	- 6 34.8	1.363	2.200	17.5	18.6	2 21	12 38.25	- 10 2.1	1.113	1.966	19.5	19.6
3 2	12 42.86	- 6 47.5	1.295	2.205	13.4	18.4	3 2	12 36.44	- 10 14.0	1.028	1.945	15.3	19.3
3 12	12 35.05	- 6 44.0	1.249	2.211	8.5	18.1	3 12	12 31.61	- 10 1.3	0.962	1.925	10.4	18.9
3 22	12 25.34	- 6 26.7	1.226	2.217	3.4	17.8	3 22	12 24.45	- 9 25.0	0.917	1.906	5.2	18.5
4 1	12 15.04	- 6 0.7	1.229	2.224	3.1	17.8	4 1	12 16.22	- 8 30.2	0.894	1.890	4.0	18.4
4 11	12 5.61	- 5 32.9	1.257	2.231	8.1	18.1	4 11	12 8.58	- 7 26.9	0.894	1.874	9.2	18.6
4 21	11 58.23	- 5 10.0	1.310	2.238	12.9	18.4	4 21	12 2.99	- 6 26.5	0.914	1.861	14.9	18.9
5 1	11 53.65	- 4 57.4	1.383	2.246	17.0	18.7	5 1	12 0.51	- 5 39.1	0.953	1.849	19.9	19.1
<b>39975</b>	1998 <i>HY</i> <sub>6</sub>		3 26.2 356°07	4°0/23.5	18		<b>109345</b>	2001 <i>QH</i> <sub>150</sub>		3 26			



EPHEMERIDES

3 26.2

3 26.2

2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$	2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$
<b>206804</b>	2004 <i>DZ</i> <sub>49</sub>		3 26.2 100°66	3°0/29.4	17		<b>522789</b>	2016 <i>NF</i> <sub>78</sub>		3 26.2 243°57	3°5/29.9	17	
2 21	12 44.73	-12 49.3	2.258	3.045	13.1	20.4	2 21	12 44.15	-14 24.9	2.441	3.217	12.5	21.7
3 2	12 39.58	-12 58.4	2.179	3.055	10.3	20.2	3 2	12 39.18	-14 41.3	2.345	3.212	10.0	21.5
3 12	12 32.67	-12 52.5	2.123	3.064	7.2	20.0	3 12	12 32.48	-14 43.1	2.273	3.207	7.2	21.3
3 22	12 24.60	-12 32.8	2.093	3.073	4.1	19.8	3 22	12 24.58	-14 30.7	2.227	3.201	4.5	21.2
4 1	12 16.17	-12 2.0	2.092	3.082	3.2	19.8	4 1	12 16.23	-14 6.0	2.210	3.196	3.6	21.1
4 11	12 8.24	-11 24.8	2.120	3.091	5.6	19.9	4 11	12 8.24	-13 33.0	2.222	3.190	5.6	21.2
4 21	12 1.56	-10 46.3	2.176	3.099	8.8	20.1	4 21	12 1.35	-12 56.4	2.261	3.184	8.5	21.4
5 1	11 56.67	-10 11.4	2.255	3.108	11.7	20.3	5 1	11 56.14	-12 21.3	2.326	3.178	11.3	21.5
<b>231295</b>	2006 <i>BM</i> <sub>126</sub>		3 26.2 166°55	1°9/23.8	17		<b>39962</b>	1998 <i>FX</i> <sub>123</sub>		3 26.2 107°26	1°2/27.0	18	
2 21	12 42.83	+ 1 0.1	2.442	3.276	10.8	21.3	2 21	12 57.54	- 4 59.2	1.827	2.632	15.0	19.2
3 2	12 38.00	+ 2 1.2	2.366	3.281	7.9	21.1	3 2	12 49.18	- 5 21.4	1.764	2.658	11.3	19.1
3 12	12 31.63	+ 3 9.6	2.317	3.285	4.7	20.9	3 12	12 38.49	- 5 32.8	1.725	2.683	7.1	18.8
3 22	12 24.27	+ 4 20.0	2.297	3.289	2.1	20.7	3 22	12 26.36	- 5 35.1	1.715	2.707	2.6	18.6
4 1	12 16.62	+ 5 26.9	2.308	3.292	3.6	20.8	4 1	12 13.95	- 5 31.6	1.735	2.730	2.6	18.7
4 11	12 9.43	+ 6 24.6	2.347	3.295	6.7	21.0	4 11	12 2.49	- 5 26.5	1.786	2.752	6.9	19.0
4 21	12 3.32	+ 7 9.4	2.414	3.297	9.8	21.2	4 21	11 52.93	- 5 23.8	1.864	2.774	10.8	19.2
5 1	11 58.80	+ 7 39.0	2.504	3.298	12.4	21.4	5 1	11 45.88	- 5 27.1	1.966	2.795	14.0	19.5
<b>318085</b>	2004 <i>GO</i> <sub>42</sub>		3 26.2 9°47	1°5/24.9	18		<b>179823</b>	2002 <i>TE</i> <sub>121</sub>		3 26.2 91°76	1°7/27.6	18	
2 21	12 38.33	- 3 10.9	1.177	2.045	17.5	19.5	2 21	12 48.43	- 7 52.2	1.720	2.537	15.3	20.3
3 2	12 35.97	- 2 11.4	1.116	2.047	12.9	19.3	3 2	12 42.68	- 7 52.5	1.654	2.553	11.7	20.1
3 12	12 30.96	- 0 52.8	1.077	2.050	7.7	19.0	3 12	12 34.68	- 7 37.8	1.611	2.568	7.5	19.9
3 22	12 24.15	+ 0 36.3	1.060	2.055	2.3	18.7	3 22	12 25.24	- 7 10.5	1.594	2.584	3.1	19.7
4 1	12 16.81	+ 2 4.3	1.068	2.061	4.4	18.8	4 1	12 15.43	- 6 35.5	1.605	2.599	2.7	19.7
4 11	12 10.34	+ 3 19.6	1.100	2.068	9.8	19.1	4 11	12 6.41	- 5 59.0	1.643	2.615	6.8	20.0
4 21	12 5.84	+ 4 13.9	1.153	2.076	14.7	19.4	4 21	11 59.09	- 5 26.7	1.708	2.629	10.9	20.2
5 1	12 3.98	+ 4 43.0	1.225	2.086	18.9	19.7	5 1	11 54.08	- 5 3.4	1.795	2.644	14.3	20.5
<b>364581</b>	2007 <i>RM</i> <sub>70</sub>		3 26.2 104°01	2°7/23.7	17		<b>425248</b>	2009 <i>WG</i> <sub>51</sub>		3 26.2 71°98	4°3/30.6	17	
2 21	12 44.45	+ 0 18.3	1.520	2.373	15.1	21.6	2 21	12 43.54	-16 37.2	1.864	2.648	15.6	20.8
3 2	12 39.96	+ 1 31.9	1.457	2.381	11.1	21.4	3 2	12 39.04	-16 34.7	1.791	2.661	12.5	20.6
3 12	12 33.13	+ 2 57.6	1.418	2.389	6.6	21.1	3 12	12 32.48	-16 10.4	1.740	2.674	9.0	20.4
3 22	12 24.76	+ 4 26.9	1.404	2.396	2.9	20.9	3 22	12 24.59	-15 25.8	1.713	2.687	5.7	20.3
4 1	12 15.98	+ 5 50.0	1.418	2.404	5.1	21.1	4 1	12 16.32	-14 24.8	1.714	2.700	4.3	20.2
4 11	12 8.00	+ 6 57.8	1.458	2.411	9.5	21.4	4 11	12 8.69	-13 14.5	1.741	2.713	6.5	20.4
4 21	12 1.76	+ 7 44.9	1.522	2.419	13.6	21.6	4 21	12 2.56	-12 2.6	1.795	2.726	9.9	20.6
5 1	11 57.91	+ 8 8.8	1.606	2.426	17.1	21.9	5 1	11 58.52	-10 56.4	1.873	2.739	13.1	20.8
<b>57906</b>	2002 <i>EO</i> <sub>31</sub>		3 26.2 267°02	2°5/23.8	18		<b>236624</b>	2006 <i>KR</i> <sub>6</sub>		3 26.2 147°72	1°0/25.1	17	
2 21	12 44.18	+ 2 31.0	1.906	2.753	12.8	19.3	2 21	12 43.52	- 1 14.3	2.222	3.054	11.8	21.5
3 2	12 39.47	+ 3 12.4	1.827	2.747	9.4	19.0	3 2	12 38.67	- 0 40.3	2.146	3.058	8.7	21.3
3 12	12 32.74	+ 4 0.9	1.772	2.742	5.7	18.8	3 12	12 32.12	+ 0 2.2	2.095	3.062	5.2	21.1
3 22	12 24.65	+ 4 51.0	1.744	2.736	2.6	18.6	3 22	12 24.47	+ 0 49.0	2.072	3.066	1.6	20.8
4 1	12 16.10	+ 5 36.3	1.745	2.730	4.4	18.7	4 1	12 16.48	+ 1 35.0	2.078	3.069	2.9	20.9
4 11	12 8.09	+ 6 10.8	1.773	2.724	8.2	18.9	4 11	12 9.00	+ 2 15.0	2.113	3.073	6.5	21.2
4 21	12 1.47	+ 6 30.5	1.826	2.719	11.9	19.1	4 21	12 2.73	+ 2 45.0	2.175	3.076	9.9	21.4
5 1	11 56.86	+ 6 33.6	1.900	2.713	15.1	19.3	5 1	11 58.19	+ 3 2.4	2.259	3.078	12.8	21.6
<b>67275</b>	2000 <i>FU</i> <sub>41</sub>		3 26.2 157°73	1°2/25.1	18		<b>483582</b>	2004 <i>FX</i> <sub>5</sub>		3 26.2 345°44	1°9/25.7	18	
2 21	12 45.96	- 1 16.9	1.957	2.791	13.1	19.8	2 21	13 4.73	+ 5 3.4	1.008	1.861	21.1	20.4
3 2	12 40.67	- 0 40.6	1.883	2.796	9.6	19.5	3 2	12 56.62	+ 4 2.5	0.938	1.859	16.0	20.1
3 12	12 33.40	+ 0 5.5	1.833	2.800	5.7	19.3	3 12	12 44.07	+ 2 59.1	0.888	1.857	9.9	19.7
3 22	12 24.84	+ 0 56.4	1.810	2.804	1.8	19.0	3 22	12 28.27	+ 1 50.3	0.862	1.855	3.3	19.3
4 1	12 15.90	+ 1 46.3	1.817	2.808	3.2	19.2	4 1	12 11.31	+ 0 34.7	0.861	1.854	5.0	19.4
4 11	12 7.55	+ 2 29.2	1.852	2.811	7.3	19.4	4 11	11 55.72	- 0 47.8	0.886	1.854	11.7	19.8
4 21	12 0.63	+ 3 0.5	1.912	2.814	11.0	19.6	4 21	11 43.43	- 2 15.7	0.934	1.853	17.7	20.1
5 1	11 55.71	+ 3 17.3	1.996	2.816	14.2	19.9	5 1	11 35.54	- 3 47.8	1.000	1.853	22.7	20.4
<b>95001</b>	2001 <i>YG</i> <sub>141</sub>		3 26.2 310°88	1°9/27.8	18		<b>168066</b>	2006 <i>BO</i> <sub>269</sub>		3 26.2 309°54	6°2/20.6	18	
2 21	12 42.33	-10 16.8	1.365	2.198	17.7	19.2	2 21	12 44.41	+10 53.4	1.675	2.536	13.5	18.6
3 2	12 38.89	- 9 45.3	1.284	2.191	13.7	18.9	3 2	12 40.18	+11 55.7	1.582	2.506	10.4	18.4
3 12	12 32.77	- 8 48.9	1.223	2.184	8.9	18.6	3 12	12 33.50	+13 0.3	1.513	2.475	7.4	18.1
3 22	12 24.74	- 7 31.3	1.186	2.177	3.8	18.3	3 22	12 25.00	+13 58.6	1.470	2.445	6.2	18.0
4 1	12 15.98	- 6 0.3	1.174	2.170	3.1	18.2	4 1	12 15.69	+14 41.6	1.452	2.415	8.3	18.0
4 11	12 7.88	- 4 27.1	1.188	2.163	8.2	18.5	4 11	12 6.80	+15 2.4	1.460	2.385	11.9	18.1
4 21	12 1.63	- 3 2.8	1.225	2.157	13.3	18.8	4 21	11 59.44	+14 57.5	1.490	2.355	15.7	18.3
5 1	11 58.06	- 1 55.9	1.283	2.151	17.7	19.0	5 1	11 54.45	+14 27.0	1.539	2.326	19.1	18.4
<b>405249</b>	2003 <i>SD</i> <sub>206</sub>		3 26.2 135°60	3°3/29.4	18		<b>470849</b>	2008 <i>YS</i> <sub>18</sub>		3 26.2 240°77	5°7/31.6	17	
2 21	12 45.31	-14 14.0	1.739	2.535	16.0	20.9	2 21	12 43.65	-18 39.8	1.897	2.669	15.8	20.6
3 2	12 40.49	-13 56.0	1.662	2.543	12.7	20.7	3 2	12 39.23	-19 11.0	1.817	2.674	13.0	20.4
3 12	12 33.43	-13 15.7	1.606	2.550	8.8	20.5	3 12	12 32.68	-19 21.1	1.759	2.679	9.9	20.2
3 22	12 24.87	-12 15.3	1.576	2.557	4.9	20.2	3 22	12 24.69	-19 9.6	1.724	2.685	7.0	20.0
4 1	12 15.85	-11 0.2	1.573	2.564	3.6	20.2	4 1	12 16.19	-18 38.4	1.715	2.691	5.7	20.0
4 11	12 7.51	- 9 38.6	1.597	2.570	6.8	20.4	4 11	12 8.25	-17 52.7	1.733	2.698	7.2	20.1
4 21	12 0.77	- 8 19.1	1.648	2.576	10.7	20.6	4 21	12 1.77	-16 59.3	1.777	2.705	10.1	20.3
5 1	11 56.30	- 7 9.5	1.722	2.582	14.3	20.8	5 1	11 57.41	-16 5.7	1.843	2.713	13.1	20.5
<b>98051</b>	2000 <i>RC</i> <sub>34</sub>		3 26.2 249°77	3°5/29.2	16		<b>420387</b>	2012 <i>CN</i> <sub>6</sub>		3 26.2 350°78	4°5		

EPHEMERIDES

3 26.2

3 26.2

2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$	2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$
<b>322309</b>	2011 <i>FC</i> <sub>141</sub>		3 26.2 168°05	1°6/27.9	17		<b>211081</b>	2002 <i>EA</i> <sub>15</sub>		3 26.2 293°22	0°2/26.1	17	
2 21	12 42.32	-10 0.6	2.006	2.817	13.7	20.7	2 21	12 43.85	-5 2.9	1.460	2.303	16.2	21.2
3 2	12 38.03	-9 31.5	1.923	2.817	10.5	20.5	3 2	12 40.08	-4 29.7	1.363	2.279	12.3	20.9
3 12	12 31.86	-8 45.5	1.863	2.818	6.8	20.3	3 12	12 33.63	-3 37.6	1.288	2.255	7.6	20.6
3 22	12 24.43	-7 45.8	1.829	2.819	3.0	20.1	3 22	12 25.12	-2 30.9	1.237	2.231	2.3	20.2
4 1	12 16.57	-6 37.6	1.824	2.819	2.4	20.0	4 1	12 15.65	-1 17.2	1.213	2.208	3.3	20.2
4 11	12 9.23	-5 27.8	1.847	2.819	6.1	20.3	4 11	12 6.60	0 6.4	1.214	2.184	8.9	20.4
4 21	12 3.19	-4 23.1	1.897	2.820	9.9	20.5	4 21	11 59.24	+0 52.5	1.239	2.160	14.1	20.6
5 1	11 59.05	-3 29.1	1.971	2.820	13.2	20.7	5 1	11 54.51	+1 32.8	1.283	2.136	18.7	20.8
<b>203505</b>	2002 <i>AN</i> <sub>130</sub>		3 26.2 68°64	2°8/24.2	18		<b>364215</b>	2006 <i>RQ</i> <sub>17</sub>		3 26.2 235°84	1°7/24.7	17	
2 21	12 47.61	+1 41.1	1.361	2.217	16.4	20.1	2 21	12 47.52	+0 19.9	2.041	2.873	12.7	21.7
3 2	12 42.49	+2 22.8	1.305	2.229	12.0	19.8	3 2	12 41.99	+0 55.7	1.946	2.858	9.4	21.4
3 12	12 34.74	+3 13.8	1.270	2.241	7.2	19.6	3 12	12 34.36	+1 40.4	1.875	2.843	5.7	21.2
3 22	12 25.30	+4 6.7	1.261	2.254	3.0	19.4	3 22	12 25.25	+2 29.4	1.833	2.826	2.0	20.9
4 1	12 15.47	+4 52.9	1.278	2.266	5.1	19.5	4 1	12 15.54	+3 16.8	1.820	2.809	3.6	21.0
4 11	12 6.63	+5 24.9	1.321	2.278	9.7	19.8	4 11	12 6.25	+3 56.5	1.836	2.791	7.7	21.2
4 21	11 59.82	+5 38.7	1.386	2.291	14.1	20.1	4 21	11 58.29	+4 24.0	1.878	2.773	11.5	21.4
5 1	11 55.69	+5 32.9	1.471	2.303	17.8	20.4	5 1	11 52.33	+4 36.4	1.943	2.754	14.9	21.6
<b>384054</b>	2008 <i>UJ</i> <sub>265</sub>		3 26.2 193°31	2°8/29.6	17		<b>455491</b>	2003 <i>UW</i> <sub>338</sub>		3 26.2 68°47	0°9/25.5	18	
2 21	12 43.09	-14 14.0	2.459	3.237	12.4	21.8	2 21	12 47.78	-2 16.9	1.437	2.282	16.3	21.6
3 2	12 38.35	-13 58.3	2.365	3.236	9.8	21.7	3 2	12 42.44	-1 48.1	1.384	2.301	12.0	21.3
3 12	12 31.95	-13 26.2	2.295	3.233	6.9	21.5	3 12	12 34.63	-1 6.7	1.352	2.321	7.2	21.1
3 22	12 24.46	-12 39.4	2.252	3.231	3.9	21.3	3 22	12 25.28	0 18.7	1.346	2.341	2.1	20.8
4 1	12 16.57	-11 41.2	2.238	3.228	2.9	21.2	4 1	12 15.63	+0 28.6	1.367	2.360	3.5	21.0
4 11	12 9.08	-10 37.0	2.253	3.224	5.3	21.3	4 11	12 6.97	+1 7.7	1.414	2.380	8.4	21.3
4 21	12 2.68	-9 32.5	2.297	3.220	8.4	21.5	4 21	12 0.26	+1 33.4	1.485	2.400	12.7	21.6
5 1	11 57.91	-8 33.2	2.366	3.215	11.3	21.7	5 1	11 56.11	+1 42.9	1.578	2.419	16.3	21.9
<b>172501</b>	2003 <i>SV</i> <sub>178</sub>		3 26.2 85°67	0°8/26.9	18		<b>324411</b>	2000 <i>RO</i> <sub>100</sub>		3 26.2 322°54	12°5/1.8	18	
2 21	12 47.16	-7 23.9	1.592	2.417	16.0	20.5	2 21	12 56.23	-27 43.3	1.712	2.418	19.6	17.3
3 2	12 41.78	-6 49.5	1.536	2.441	12.0	20.3	3 2	12 49.75	-30 6.1	1.618	2.407	17.5	17.1
3 12	12 34.14	-5 58.1	1.502	2.464	7.4	20.1	3 12	12 39.85	-32 8.6	1.543	2.397	15.2	16.9
3 22	12 25.11	-4 54.6	1.494	2.487	2.6	19.8	3 22	12 27.12	-33 42.2	1.491	2.386	13.3	16.7
4 1	12 15.81	-3 46.4	1.514	2.509	2.6	19.9	4 1	12 12.80	-34 39.9	1.463	2.377	12.5	16.6
4 11	12 7.42	-2 41.8	1.562	2.532	7.3	20.2	4 11	11 58.62	-35 0.5	1.460	2.367	13.1	16.7
4 21	12 0.81	-1 47.4	1.634	2.553	11.4	20.5	4 21	11 46.29	-34 49.3	1.479	2.359	15.0	16.7
5 1	11 56.57	-1 8.0	1.729	2.575	14.9	20.8	5 1	11 37.13	-34 16.3	1.519	2.350	17.3	16.9
<b>111690</b>	2002 <i>CO</i> <sub>6</sub>		3 26.2 24°13	7°5/1.0	18		<b>275257</b>	2009 <i>YC</i> <sub>6</sub>		3 26.2 171°75	2°6/23.4	17	
2 21	12 52.21	-21 41.7	2.115	2.846	15.6	18.9	2 21	12 44.08	+3 25.9	2.166	3.008	11.6	21.1
3 2	12 45.61	-23 10.1	2.029	2.851	13.2	18.7	3 2	12 39.15	+4 14.2	2.092	3.010	8.5	20.9
3 12	12 36.64	-24 20.6	1.965	2.856	10.7	18.5	3 12	12 32.46	+5 8.1	2.044	3.012	5.2	20.7
3 22	12 25.95	-25 9.6	1.927	2.861	8.5	18.4	3 22	12 24.63	+6 2.1	2.023	3.013	2.7	20.5
4 1	12 14.53	-25 35.5	1.916	2.866	7.5	18.3	4 1	12 16.46	+6 50.5	2.032	3.014	4.3	20.6
4 11	12 3.56	-25 40.2	1.932	2.872	8.5	18.4	4 11	12 8.80	+7 28.0	2.069	3.014	7.6	20.8
4 21	11 54.06	-25 28.7	1.975	2.879	10.6	18.5	4 21	12 2.39	+7 51.2	2.132	3.015	10.9	21.0
5 1	11 46.84	-25 7.6	2.042	2.885	13.0	18.7	5 1	11 57.77	+7 58.6	2.217	3.015	13.7	21.2
<b>426261</b>	2012 <i>QS</i> <sub>29</sub>		3 26.2 300°12	3°5/28.7	17		<b>236206</b>	2005 <i>WB</i> <sub>118</sub>		3 26.2 181°33	2°3/28.2	18	
2 21	12 47.26	-10 51.2	1.768	2.574	15.4	21.1	2 21	12 49.68	-10 9.3	1.786	2.590	15.4	21.0
3 2	12 42.41	-11 21.3	1.656	2.544	12.3	20.9	3 2	12 43.78	-10 4.3	1.702	2.592	11.9	20.7
3 12	12 34.98	-11 36.5	1.565	2.513	8.6	20.6	3 12	12 35.52	-9 41.7	1.641	2.593	7.9	20.5
3 22	12 25.53	-11 36.3	1.499	2.483	4.8	20.3	3 22	12 25.61	-9 3.7	1.605	2.593	3.7	20.2
4 1	12 15.02	-11 22.2	1.461	2.452	3.9	20.1	4 1	12 15.12	-8 14.7	1.598	2.592	2.9	20.2
4 11	12 4.70	-10 58.6	1.450	2.421	7.5	20.3	4 11	12 5.24	-7 21.5	1.619	2.590	6.9	20.4
4 21	11 55.79	-10 31.6	1.464	2.391	11.9	20.4	4 21	11 56.99	-6 31.0	1.667	2.588	11.1	20.7
5 1	11 49.27	-10 7.6	1.500	2.360	16.0	20.6	5 1	11 51.10	-5 49.5	1.738	2.585	14.8	20.9
<b>433004</b>	2012 <i>QQ</i> <sub>41</sub>		3 26.2 300°08	6°0/30.4	17		<b>53330</b>	1999 <i>JN</i> <sub>32</sub>		3 26.2 268°68	2°0/28.8	18	
2 21	12 47.35	-16 27.0	1.779	2.560	16.3	20.9	2 21	12 40.12	-12 15.1	2.305	3.102	12.6	18.8
3 2	12 42.52	-17 18.7	1.670	2.535	13.5	20.6	3 2	12 36.26	-11 41.9	2.210	3.095	9.8	18.6
3 12	12 35.07	-17 52.7	1.581	2.509	10.3	20.3	3 12	12 30.76	-10 51.8	2.139	3.088	6.6	18.4
3 22	12 25.56	-18 6.5	1.517	2.483	7.2	20.1	3 22	12 24.14	-9 47.1	2.095	3.081	3.3	18.2
4 1	12 14.99	-17 59.8	1.478	2.457	6.0	20.0	4 1	12 17.11	-8 32.5	2.080	3.074	2.4	18.1
4 11	12 4.63	-17 35.9	1.467	2.432	8.2	20.0	4 11	12 10.48	-7 14.2	2.094	3.067	5.5	18.3
4 21	11 55.72	-17 1.0	1.480	2.406	11.9	20.2	4 21	12 4.93	-5 58.7	2.136	3.060	8.9	18.5
5 1	11 49.25	-16 22.9	1.516	2.381	15.6	20.3	5 1	12 1.02	-4 51.8	2.202	3.053	11.9	18.7
<b>235629</b>	2004 <i>RH</i> <sub>33</sub>		3 26.2 211°74	0°1/26.1	17		<b>345553</b>	2006 <i>RW</i> <sub>21</sub>		3 26.2 195°65	6°4/4.1	17	
2 21	12 45.97	-3 36.5	2.503	3.318	11.2	21.2	2 21	12 41.40	-27 26.7	2.529	3.229	14.0	20.9
3 2	12 40.43	-3 15.2	2.408	3.310	8.3	21.0	3 2	12 37.20	-27 25.1	2.431	3.228	12.1	20.7
3 12	12 33.22	-2 44.7	2.339	3.301	5.1	20.8	3 12	12 31.32	-27 0.4	2.353	3.226	9.9	20.5
3 22	12 24.86	-2 8.0	2.298	3.292	1.5	20.5	3 22	12 24.31	-26 12.1	2.299	3.225	7.8	20.4
4 1	12 16.08	-1 29.2	2.288	3.282	2.2	20.5	4 1	12 16.89	-25 1.8	2.272	3.223	6.5	20.3
4 11	12 7.68	-0 52.7	2.308	3.271	5.8	20.7	4 11	12 9.91	-23 34.3	2.273	3.222	6.8	20.3
4 21	12 0.35	-0 22.6	2.356	3.260	9.1	20.9	4 21	12 4.05	-21 56.4	2.301	3.220	8.6	20.4
5 1	11 54.65	-0 1.9	2.429	3.248	12.0	21.1	5 1	11 59.88	-20 15.8	2.354	3.218	10.8	20.6
<b>27954</b>	1997 <i>QB</i> <sub>4</sub>		3 26.2 198°47	2°1/27.9	18		<b>61033</b>	2000 <i>KG</i> <sub>56</sub>					

EPHEMERIDES

3 26.2

3 26.3

2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$	2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$
<b>58582</b>	1997 <i>SF</i> <sub>3</sub>		3 26.2 174°41'	1°5'/27.5 18			<b>133413</b>	2003 <i>SU</i> <sub>177</sub>		3 26.3 188°17'	0°7'/27.1 18		
2 21	12 49.51	- 7 37.4	1.754	2.568	15.2	19.3	2 21	12 43.66	- 6 58.1	2.265	3.078	12.2	20.7
3 2	12 43.66	- 7 33.4	1.673	2.571	11.6	19.1	3 2	12 38.84	- 6 33.2	2.179	3.078	9.3	20.4
3 12	12 35.43	- 7 14.3	1.615	2.573	7.5	18.8	3 12	12 32.31	- 5 55.7	2.118	3.077	5.8	20.2
3 22	12 25.59	- 6 42.5	1.584	2.574	3.0	18.6	3 22	12 24.62	- 5 8.7	2.084	3.076	2.1	20.0
4 1	12 15.19	- 6 2.7	1.580	2.575	2.7	18.5	4 1	12 16.54	- 4 16.6	2.079	3.074	2.1	20.0
4 11	12 5.43	- 5 21.3	1.605	2.575	7.1	18.8	4 11	12 8.91	- 3 25.0	2.104	3.073	5.8	20.2
4 21	11 57.32	- 4 44.5	1.656	2.575	11.3	19.0	4 21	12 2.45	- 2 39.0	2.156	3.070	9.3	20.4
5 1	11 51.58	- 4 17.4	1.730	2.574	15.0	19.3	5 1	11 57.72	- 2 2.7	2.232	3.068	12.3	20.6
<b>238144</b>	2003 <i>SB</i> <sub>20</sub>		3 26.2 119°31'	1°3'/27.4 17			<b>464264</b>	2015 <i>FW</i> <sub>118</sub>		3 26.3 129°38'	3°2'/22.8 17		
2 21	12 45.55	- 7 9.3	2.027	2.842	13.4	20.1	2 21	12 44.30	+ 4 58.1	2.094	2.940	11.8	20.7
3 2	12 40.41	- 7 7.1	1.947	2.845	10.2	19.9	3 2	12 39.33	+ 5 51.0	2.028	2.947	8.7	20.5
3 12	12 33.31	- 6 52.1	1.890	2.848	6.5	19.7	3 12	12 32.58	+ 6 48.1	1.987	2.954	5.4	20.3
3 22	12 24.92	- 6 26.9	1.861	2.852	2.6	19.4	3 22	12 24.69	+ 7 43.6	1.974	2.961	3.2	20.2
4 1	12 16.10	- 5 55.3	1.860	2.855	2.3	19.4	4 1	12 16.50	+ 8 31.4	1.989	2.967	4.8	20.3
4 11	12 7.82	- 5 22.5	1.887	2.858	6.2	19.6	4 11	12 8.89	+ 9 6.3	2.033	2.974	8.1	20.5
4 21	12 0.90	- 4 53.5	1.941	2.860	9.9	19.9	4 21	12 2.59	+ 9 25.4	2.102	2.980	11.2	20.7
5 1	11 55.93	- 4 32.3	2.018	2.863	13.1	20.1	5 1	11 58.12	+ 9 27.7	2.193	2.985	14.0	20.9
<b>501525</b>	2014 <i>EF</i> <sub>50</sub>		3 26.2 353°82'	1°3'/27.5 18			<b>229241</b>	2004 <i>XF</i> <sub>114</sub>		3 26.3 143°48'	0°1'/26.2 17		
2 21	12 44.38	- 7 0.0	2.287	3.098	12.2	20.6	2 21	12 44.19	- 4 19.9	2.166	2.990	12.4	21.4
3 2	12 39.37	- 7 4.5	2.201	3.097	9.3	20.4	3 2	12 39.24	- 3 51.2	2.090	2.996	9.2	21.2
3 12	12 32.62	- 6 58.2	2.140	3.097	6.0	20.2	3 12	12 32.54	- 3 11.5	2.037	3.001	5.6	21.0
3 22	12 24.70	- 6 42.9	2.106	3.097	2.5	19.9	3 22	12 24.69	- 2 24.6	2.013	3.007	1.7	20.7
4 1	12 16.39	- 6 21.8	2.102	3.096	2.1	19.9	4 1	12 16.49	- 1 35.5	2.018	3.012	2.3	20.8
4 11	12 8.51	- 5 59.1	2.126	3.096	5.6	20.1	4 11	12 8.82	- 0 49.7	2.051	3.017	6.2	21.0
4 21	12 1.81	- 5 38.8	2.177	3.096	9.0	20.3	4 21	12 2.40	- 0 11.9	2.112	3.021	9.7	21.3
5 1	11 56.84	- 5 24.5	2.253	3.096	12.0	20.5	5 1	11 57.76	+ 0 14.5	2.196	3.025	12.7	21.5
<b>428809</b>	2008 <i>TF</i> <sub>36</sub>		3 26.2 174°23'	0°8'/27.1 17			<b>192696</b>	1999 <i>TO</i> <sub>54</sub>		3 26.3 66°53'	1°0'/27.2 18		
2 21	12 44.24	- 6 54.8	2.254	3.066	12.3	21.8	2 21	12 42.93	- 7 38.7	1.898	2.719	13.9	20.4
3 2	12 39.27	- 6 34.9	2.170	3.068	9.3	21.6	3 2	12 38.57	- 7 13.1	1.821	2.723	10.6	20.1
3 12	12 32.55	- 6 2.6	2.111	3.070	5.9	21.4	3 12	12 32.24	- 6 32.3	1.767	2.727	6.7	19.9
3 22	12 24.68	- 5 20.9	2.079	3.071	2.2	21.2	3 22	12 24.62	- 5 39.8	1.740	2.732	2.5	19.7
4 1	12 16.43	- 4 34.2	2.076	3.071	2.1	21.2	4 1	12 16.59	- 4 41.2	1.741	2.736	2.3	19.6
4 11	12 8.65	- 3 47.8	2.103	3.072	5.8	21.4	4 11	12 9.13	- 3 43.2	1.769	2.740	6.4	19.9
4 21	12 2.06	- 3 6.5	2.157	3.072	9.3	21.6	4 21	12 3.05	- 2 51.9	1.824	2.745	10.3	20.2
5 1	11 57.22	- 2 34.4	2.235	3.072	12.3	21.8	5 1	11 58.96	- 2 12.3	1.902	2.749	13.7	20.4
<b>57417</b>	2001 <i>ST</i> <sub>1</sub>		3 26.2 91°38'	1°0'/27.1 18			<b>186831</b>	2004 <i>FS</i> <sub>62</sub>		3 26.3 42°04'	1°3'/25.2 18		
2 21	12 45.51	- 6 48.0	1.748	2.573	14.8	19.9	2 21	12 45.90	- 0 58.2	1.521	2.369	15.4	20.2
3 2	12 40.62	- 6 34.7	1.673	2.578	11.2	19.7	3 2	12 41.13	- 0 32.5	1.455	2.375	11.4	20.0
3 12	12 33.55	- 6 6.7	1.621	2.582	7.1	19.4	3 12	12 33.94	+ 0 4.1	1.411	2.381	6.8	19.7
3 22	12 25.00	- 5 27.1	1.595	2.587	2.6	19.2	3 22	12 25.15	+ 0 46.3	1.392	2.387	2.1	19.5
4 1	12 16.00	- 4 41.2	1.596	2.592	2.5	19.2	4 1	12 15.90	+ 1 27.2	1.401	2.393	3.7	19.6
4 11	12 7.65	- 3 55.8	1.625	2.596	6.9	19.4	4 11	12 7.43	+ 1 59.9	1.435	2.400	8.4	19.9
4 21	12 0.85	- 3 16.9	1.680	2.601	11.0	19.7	4 21	12 0.75	+ 2 19.3	1.494	2.406	12.7	20.1
5 1	11 56.27	- 2 49.1	1.757	2.606	14.6	19.9	5 1	11 56.51	+ 2 22.7	1.573	2.413	16.4	20.4
<b>34705</b>	2001 <i>OA</i> <sub>81</sub>		3 26.2 115°92'	4°8'/31.7 18			<b>511855</b>	2015 <i>FV</i> <sub>347</sub>		3 26.3 89°72'	5°9'/19.3 17		
2 21	12 43.95	-19 57.6	1.997	2.758	15.5	18.1	2 21	12 42.48	+13 10.1	2.100	2.956	11.4	20.8
3 2	12 39.28	-19 41.5	1.919	2.771	12.6	17.9	3 2	12 38.04	+14 29.7	2.041	2.958	8.7	20.6
3 12	12 32.63	-19 1.6	1.862	2.783	9.4	17.7	3 12	12 31.82	+15 47.6	2.007	2.961	6.5	20.5
3 22	12 24.71	-17 58.9	1.830	2.795	6.3	17.5	3 22	12 24.47	+16 56.1	2.000	2.963	6.0	20.4
4 1	12 16.42	-16 37.7	1.826	2.807	4.8	17.5	4 1	12 16.81	+17 48.5	2.021	2.965	7.6	20.5
4 11	12 8.75	-15 5.4	1.850	2.818	6.4	17.6	4 11	12 9.71	+18 20.2	2.067	2.968	10.2	20.7
4 21	12 2.52	-13 30.5	1.900	2.829	9.5	17.8	4 21	12 3.91	+18 29.7	2.138	2.970	12.8	20.9
5 1	11 58.30	-12 1.1	1.976	2.840	12.6	18.0	5 1	11 59.92	+18 17.7	2.228	2.972	15.2	21.0
<b>88115</b>	2000 <i>WD</i> <sub>116</sub>		3 26.2 190°81'	0°5'/26.8 18 R			<b>299709</b>	2006 <i>QH</i> <sub>166</sub>		3 26.3 226°12'	3°1'/29.7 16		
2 21	12 44.62	- 6 11.5	2.702	3.507	10.7	21.2	2 21	12 46.04	-13 43.1	2.697	3.467	11.6	21.7
3 2	12 39.29	- 5 44.5	2.610	3.506	8.1	21.0	3 2	12 40.50	-14 1.7	2.594	3.458	9.3	21.5
3 12	12 32.47	- 5 7.2	2.544	3.503	5.0	20.8	3 12	12 33.30	-14 7.5	2.515	3.449	6.6	21.3
3 22	12 24.65	- 4 22.3	2.507	3.500	1.7	20.5	3 22	12 24.95	-14 0.9	2.464	3.439	4.1	21.1
4 1	12 16.48	- 3 33.6	2.501	3.496	1.8	20.5	4 1	12 16.13	-13 43.4	2.443	3.429	3.2	21.0
4 11	12 8.69	- 2 45.8	2.526	3.491	5.2	20.8	4 11	12 7.60	-13 18.4	2.451	3.418	5.2	21.1
4 21	12 1.89	- 2 2.9	2.578	3.486	8.3	20.9	4 21	12 0.08	-12 49.8	2.488	3.407	8.0	21.3
5 1	11 56.58	- 1 28.5	2.656	3.480	11.0	21.1	5 1	11 54.12	-12 22.1	2.551	3.396	10.7	21.5
<b>338830</b>	2003 <i>WV</i> <sub>106</sub>		3 26.2 280°71'	2°1'/28.1 17			<b>41759</b>	2000 <i>VZ</i> <sub>33</sub>		3 26.3 122°04'	1°2'/24.9 18		
2 21	12 45.80	- 9 9.4	2.046	2.853	13.6	21.1	2 21	12 44.80	- 1 0.5	2.070	2.904	12.5	19.6
3 2	12 40.86	- 9 16.3	1.939	2.830	10.6	20.9	3 2	12 39.71	- 0 21.7	2.001	2.914	9.2	19.4
3 12	12 33.78	- 9 9.3	1.855	2.808	7.1	20.6	3 12	12 32.82	+ 0 25.9	1.957	2.924	5.4	19.2
3 22	12 25.13	- 8 49.7	1.797	2.785	3.4	20.3	3 22	12 24.78	+ 1 17.5	1.940	2.934	1.7	19.0
4 1	12 15.75	- 8 20.4	1.768	2.762	2.7	20.2	4 1	12 16.43	+ 2 7.6	1.953	2.944	3.1	19.1
4 11	12 6.67	- 7 46.2	1.768	2.739	6.4	20.4	4 11	12 8.67	+ 2 50.4	1.994	2.953	6.9	19.4
4 21	11 58.84	- 7 12.7	1.793	2.715	10.4	20.6	4 21	12 2.25	+ 3 21.8	2.062	2.962	10.4	19.6
5 1	11 53.00	- 6 45.2	1.843	2.692	14.0	20.8	5 1	11 57.68	+ 3 39.4	2.152	2.971	13.3	19.8
<b>503914</b>	2002 <i>OK</i> <sub>33</sub>		3 26.2 213°72'	0°2'/26.0 17			<b>348869</b>	2006 <i>SN</i> <sub>157</sub>		3 26.3 188°18'	0°4'/25.8		

EPHEMERIDES

3 26.3

3 26.3

2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$	2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$
<b>161280</b>	2003 <i>GP</i> <sub>4</sub>		3 26.3 271°56	1.4/25.1	17		<b>431586</b>	2007 <i>VM</i> <sub>103</sub>		3 26.3 102°30	4.8/21.2	15	
2 21	12 48.05	+ 0 44.5	1.947	2.782	13.1	20.2	2 21	12 48.06	+13 5.3	2.371	3.211	10.8	21.9
3 2	12 42.54	+ 0 58.0	1.850	2.763	9.8	20.0	3 2	12 41.82	+13 42.5	2.318	3.228	8.2	21.7
3 12	12 34.81	+ 1 18.8	1.776	2.743	5.9	19.7	3 12	12 33.96	+14 16.4	2.291	3.245	5.8	21.6
3 22	12 25.47	+ 1 43.1	1.730	2.723	2.0	19.4	3 22	12 25.13	+14 41.8	2.292	3.262	4.8	21.6
4 1	12 15.44	+ 2 5.8	1.712	2.703	3.5	19.5	4 1	12 16.15	+14 54.3	2.323	3.278	6.1	21.7
4 11	12 5.82	+ 2 21.9	1.723	2.682	7.7	19.7	4 11	12 7.83	+14 51.4	2.382	3.294	8.5	21.9
4 21	11 57.56	+ 2 27.4	1.760	2.662	11.8	19.9	4 21	12 0.83	+14 32.6	2.466	3.310	11.0	22.0
5 1	11 51.43	+ 2 19.8	1.819	2.641	15.3	20.1	5 1	11 55.59	+13 58.8	2.572	3.325	13.2	22.2
<b>169556</b>	2002 <i>EN</i> <sub>116</sub>		3 26.3 117°44	0.3/26.6	18		<b>58564</b>	1997 <i>NQ</i> <sub>6</sub>		3 26.3 157°60	2.5/28.4	18	
2 21	12 47.70	- 6 20.1	1.733	2.556	15.0	20.9	2 21	12 48.31	-10 45.3	1.717	2.523	15.8	18.9
3 2	12 42.13	- 5 42.0	1.669	2.574	11.2	20.7	3 2	12 42.83	-10 38.1	1.639	2.529	12.3	18.7
3 12	12 34.39	- 4 48.4	1.628	2.591	6.9	20.4	3 12	12 34.98	-10 12.4	1.582	2.534	8.2	18.5
3 22	12 25.27	- 3 44.3	1.614	2.607	2.2	20.2	3 22	12 25.53	- 9 30.2	1.552	2.539	4.0	18.2
4 1	12 15.84	- 2 36.5	1.628	2.623	2.6	20.2	4 1	12 15.56	- 8 36.5	1.549	2.543	3.0	18.2
4 11	12 7.19	- 1 32.8	1.670	2.638	7.1	20.5	4 11	12 6.25	- 7 38.4	1.574	2.546	7.0	18.4
4 21	12 0.20	- 0 39.6	1.739	2.653	11.2	20.8	4 21	11 58.62	- 6 43.5	1.625	2.549	11.1	18.7
5 1	11 55.45	- 0 1.1	1.830	2.667	14.6	21.1	5 1	11 53.35	- 5 58.1	1.699	2.552	14.8	18.9
<b>182437</b>	2001 <i>SS</i> <sub>11</sub>		3 26.3 337°92	3.6/28.5	17		<b>470053</b>	2006 <i>SP</i> <sub>195</sub>		3 26.3 251°13	0.3/26.6	17	
2 21	12 49.90	- 9 24.6	1.528	2.345	16.9	19.8	2 21	12 43.70	- 4 43.6	2.472	3.288	11.2	22.0
3 2	12 44.43	-10 13.0	1.445	2.339	13.3	19.5	3 2	12 38.85	- 4 28.5	2.373	3.275	8.5	21.8
3 12	12 36.19	-10 46.8	1.383	2.334	9.1	19.3	3 12	12 32.35	- 4 3.6	2.301	3.262	5.2	21.6
3 22	12 25.93	-11 5.3	1.345	2.330	4.9	19.0	3 22	12 24.71	- 3 31.6	2.256	3.249	1.7	21.3
4 1	12 14.85	-11 10.2	1.334	2.326	4.1	18.9	4 1	12 16.63	- 2 56.2	2.240	3.235	2.0	21.3
4 11	12 4.38	-11 5.9	1.350	2.322	7.9	19.1	4 11	12 8.88	- 2 21.9	2.255	3.221	5.6	21.6
4 21	11 55.76	-10 57.9	1.390	2.319	12.3	19.4	4 21	12 2.17	- 1 52.7	2.296	3.207	9.0	21.7
5 1	11 49.86	-10 52.4	1.452	2.316	16.3	19.6	5 1	11 57.04	- 1 32.1	2.362	3.193	11.9	21.9
<b>363476</b>	2003 <i>SK</i> <sub>290</sub>		3 26.3 212°47	2.9/23.4	17		<b>80037</b>	1999 <i>JP</i> <sub>27</sub>		3 26.3 290°59	2.8/23.2	18	
2 21	12 47.72	+ 3 42.5	2.026	2.865	12.5	22.3	2 21	12 43.09	+ 4 3.7	2.198	3.043	11.4	19.6
3 2	12 42.09	+ 4 33.0	1.942	2.858	9.2	22.0	3 2	12 38.66	+ 4 48.1	2.098	3.017	8.5	19.4
3 12	12 34.40	+ 5 30.0	1.882	2.849	5.7	21.8	3 12	12 32.37	+ 5 38.7	2.023	2.991	5.2	19.1
3 22	12 25.31	+ 6 27.5	1.851	2.840	3.0	21.6	3 22	12 24.75	+ 6 30.3	1.975	2.964	2.9	18.9
4 1	12 15.72	+ 7 18.9	1.849	2.830	4.7	21.7	4 1	12 16.56	+ 7 17.1	1.957	2.938	4.5	19.0
4 11	12 6.63	+ 7 58.3	1.876	2.820	8.4	21.9	4 11	12 8.68	+ 7 53.3	1.966	2.911	8.0	19.2
4 21	11 58.91	+ 8 21.8	1.928	2.808	12.0	22.1	4 21	12 1.93	+ 8 15.1	2.001	2.884	11.4	19.3
5 1	11 53.21	+ 8 27.8	2.002	2.796	15.1	22.3	5 1	11 56.93	+ 8 20.3	2.057	2.857	14.5	19.5
<b>149826</b>	2005 <i>NN</i> <sub>39</sub>		3 26.3 197°08	0.9/25.4	17		<b>461355</b>	1999 <i>UM</i> <sub>55</sub>		3 26.3 102°03	1.4/27.7	18	
2 21	12 46.94	- 1 31.9	2.245	3.069	11.9	20.7	2 21	12 46.41	- 9 55.1	1.801	2.611	15.0	22.4
3 2	12 41.30	- 1 3.4	2.159	3.066	8.9	20.5	3 2	12 41.09	- 9 15.4	1.739	2.633	11.4	22.2
3 12	12 33.83	- 0 26.1	2.097	3.063	5.3	20.3	3 12	12 33.73	- 8 17.6	1.699	2.655	7.3	22.0
3 22	12 25.13	+ 0 16.0	2.064	3.058	1.6	20.0	3 22	12 25.10	- 7 6.1	1.687	2.677	3.0	21.8
4 1	12 15.99	+ 0 58.2	2.061	3.053	2.8	20.1	4 1	12 16.21	- 5 47.7	1.703	2.698	2.4	21.8
4 11	12 7.32	+ 1 35.3	2.088	3.047	6.6	20.3	4 11	12 8.09	- 4 30.4	1.747	2.718	6.5	22.1
4 21	11 59.89	+ 2 3.1	2.142	3.041	10.1	20.5	4 21	12 1.56	- 3 21.4	1.818	2.738	10.4	22.3
5 1	11 54.27	+ 2 19.0	2.219	3.034	13.1	20.7	5 1	11 57.17	- 2 25.9	1.913	2.757	13.7	22.6
<b>475305</b>	2005 <i>XZ</i> <sub>79</sub>		3 26.3 42°49	23°0/5.6	17		<b>368246</b>	2001 <i>WE</i> <sub>55</sub>		3 26.3 220°02	1.4/27.8	17	
2 21	12 43.39	+33 22.7	0.681	1.569	24.3	19.1	2 21	12 44.64	- 9 21.0	2.263	3.065	12.6	22.3
3 2	12 40.88	+37 46.7	0.704	1.600	23.1	19.2	3 2	12 39.70	- 8 54.2	2.165	3.056	9.7	22.0
3 12	12 34.12	+41 0.9	0.743	1.632	23.3	19.3	3 12	12 32.94	- 8 12.3	2.091	3.046	6.3	21.8
3 22	12 25.14	+42 52.5	0.796	1.666	24.4	19.6	3 22	12 24.91	- 7 18.1	2.045	3.035	2.7	21.6
4 1	12 16.36	+43 22.2	0.863	1.700	26.0	19.8	4 1	12 16.39	- 6 15.9	2.029	3.024	2.2	21.5
4 11	12 9.86	+42 42.0	0.940	1.736	27.6	20.1	4 11	12 8.26	- 5 11.8	2.042	3.012	5.8	21.7
4 21	12 6.62	+41 8.3	1.027	1.772	29.0	20.4	4 21	12 1.28	- 4 11.6	2.082	2.999	9.4	21.9
5 1	12 6.87	+38 56.3	1.122	1.808	30.1	20.6	5 1	11 56.08	- 3 20.6	2.147	2.986	12.7	22.1
<b>75026</b>	1999 <i>UT</i> <sub>14</sub>		3 26.3 226°05	1.6/24.7	18		<b>504761</b>	2009 <i>WX</i> <sub>89</sub>		3 26.3 187°91	0.1/26.4	17	
2 21	12 46.52	- 0 24.9	1.889	2.725	13.3	20.4	2 21	12 43.94	- 5 29.4	2.417	3.231	11.5	22.5
3 2	12 41.36	+ 0 16.9	1.802	2.716	9.9	20.2	3 2	12 38.98	- 4 50.4	2.330	3.231	8.6	22.3
3 12	12 34.05	+ 1 9.1	1.739	2.707	5.9	19.9	3 12	12 32.39	- 3 59.8	2.268	3.230	5.3	22.1
3 22	12 25.24	+ 2 6.4	1.703	2.697	2.1	19.7	3 22	12 24.71	- 3 1.2	2.234	3.228	1.6	21.8
4 1	12 15.86	+ 3 2.3	1.696	2.686	3.7	19.7	4 1	12 16.68	- 1 59.5	2.231	3.225	2.1	21.8
4 11	12 6.99	+ 3 50.1	1.718	2.675	7.9	20.0	4 11	12 9.07	- 1 0.3	2.257	3.222	5.8	22.1
4 21	11 59.54	+ 4 24.5	1.764	2.663	11.9	20.2	4 21	12 2.55	- 0 8.5	2.312	3.219	9.1	22.3
5 1	11 54.20	+ 4 42.5	1.833	2.651	15.3	20.4	5 1	11 57.66	+ 0 32.2	2.390	3.214	12.0	22.5
<b>163340</b>	2002 <i>LW</i> <sub>28</sub>		3 26.3 285°91	3.5/29.8	17		<b>306865</b>	2001 <i>SS</i> <sub>263</sub>		3 26.3 75°77	3.8/29.8	18	
2 21	12 42.34	-14 28.4	2.018	2.809	14.3	20.2	2 21	12 53.78	-14 14.3	1.982	2.754	15.2	20.1
3 2	12 38.32	-14 21.1	1.912	2.789	11.5	19.9	3 2	12 46.22	-14 33.6	1.932	2.797	11.9	20.0
3 12	12 32.27	-13 54.2	1.829	2.769	8.2	19.7	3 12	12 36.67	-14 34.9	1.905	2.839	8.3	19.8
3 22	12 24.73	-13 8.6	1.770	2.749	4.8	19.4	3 22	12 25.96	-14 19.2	1.905	2.881	5.0	19.7
4 1	12 16.53	-12 7.5	1.739	2.729	3.6	19.3	4 1	12 15.13	-13 50.0	1.935	2.921	3.9	19.7
4 11	12 8.67	-10 57.1	1.736	2.709	6.4	19.5	4 11	12 5.25	-13 12.7	1.994	2.961	6.2	19.9
4 21	12 2.05	- 9 44.9	1.760	2.689	10.1	19.6	4 21	11 57.08	-12 33.4	2.081	3.000	9.3	20.2
5 1	11 57.39	- 8 38.0	1.807	2.668	13.7	19.8	5 1	11 51.15	-11 57.7	2.192	3.038	12.2	20.4
<b>150503</b>	2000 <i>QR</i> <sub>171</sub>		3 26.										

EPHEMERIDES

3 26.3

3 26.3

2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$	2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$
<b>182565</b>	2001 <i>TN</i> <sub>145</sub>		3 26.3 204 <sup>o</sup> .04	2 <sup>o</sup> .8/23.3	17		<b>417445</b>	2006 <i>OE</i> <sub>11</sub>		3 26.3 282 <sup>o</sup> .31	8 <sup>o</sup> .9/1.6	17	
2 21	12 45.52	+ 3 32.7	2.077	2.919	12.1	20.9	2 21	12 49.33	-22 36.0	1.630	2.382	18.7	20.4
3 2	12 40.38	+ 4 24.1	1.998	2.916	8.9	20.7	3 2	12 44.25	-23 49.3	1.537	2.373	16.0	20.2
3 12	12 33.35	+ 5 21.7	1.944	2.911	5.4	20.5	3 12	12 36.29	-24 39.2	1.464	2.363	13.0	20.0
3 22	12 25.03	+ 6 19.8	1.917	2.907	2.9	20.3	3 22	12 26.10	-25 1.1	1.412	2.354	10.3	19.8
4 1	12 16.29	+ 7 11.9	1.920	2.902	4.6	20.4	4 1	12 14.86	-24 53.0	1.385	2.344	8.9	19.7
4 11	12 8.05	+ 7 52.4	1.951	2.896	8.1	20.6	4 11	12 4.05	-24 18.4	1.383	2.335	10.0	19.7
4 21	12 1.13	+ 8 17.5	2.008	2.890	11.5	20.8	4 21	11 55.02	-23 25.0	1.405	2.325	12.8	19.8
5 1	11 56.10	+ 8 25.6	2.086	2.883	14.4	21.0	5 1	11 48.79	-22 23.1	1.448	2.316	16.1	20.0
<b>432564</b>	2010 <i>JO</i> <sub>110</sub>		3 26.3 338 <sup>o</sup> .91	3 <sup>o</sup> .4/22.3	17		<b>363559</b>	2003 <i>WJ</i> <sub>150</sub>		3 26.3 149 <sup>o</sup> .50	4 <sup>o</sup> .2/21.9	18	
2 21	12 39.32	+ 3 6.5	1.874	2.731	12.5	20.5	2 21	12 46.58	+ 6 31.8	1.893	2.742	12.8	21.5
3 2	12 35.97	+ 4 28.9	1.799	2.725	9.2	20.3	3 2	12 41.23	+ 7 43.9	1.830	2.750	9.4	21.3
3 12	12 30.74	+ 6 0.2	1.750	2.720	5.6	20.0	3 12	12 33.86	+ 9 0.0	1.793	2.758	6.1	21.1
3 22	12 24.25	+ 7 32.6	1.727	2.715	3.4	19.9	3 22	12 25.21	+10 12.5	1.782	2.765	4.2	21.0
4 1	12 17.33	+ 8 57.7	1.733	2.711	5.4	20.0	4 1	12 16.21	+11 13.6	1.801	2.772	6.1	21.2
4 11	12 10.93	+10 7.7	1.765	2.707	9.0	20.2	4 11	12 7.88	+11 57.4	1.846	2.778	9.4	21.4
4 21	12 5.82	+10 57.7	1.822	2.703	12.5	20.4	4 21	12 1.05	+12 21.0	1.917	2.783	12.7	21.6
5 1	12 2.59	+11 25.6	1.899	2.700	15.5	20.6	5 1	11 56.29	+12 24.0	2.008	2.788	15.5	21.8
<b>201734</b>	2003 <i>UQ</i> <sub>250</sub>		3 26.3 331 <sup>o</sup> .24	2 <sup>o</sup> .4/24.3	17		<b>510322</b>	2011 <i>SY</i> <sub>6</sub>		3 26.3 236 <sup>o</sup> .27	1 <sup>o</sup> .1/27.6	17	
2 21	12 46.42	+ 3 27.8	1.843	2.689	13.2	19.7	2 21	12 42.43	- 8 11.1	2.681	3.483	10.8	22.9
3 2	12 41.27	+ 3 44.6	1.765	2.684	9.8	19.5	3 2	12 37.82	- 7 51.0	2.580	3.471	8.3	22.7
3 12	12 33.98	+ 4 6.3	1.711	2.679	5.9	19.3	3 12	12 31.71	- 7 19.4	2.504	3.459	5.3	22.5
3 22	12 25.24	+ 4 28.1	1.683	2.675	2.6	19.0	3 22	12 24.56	- 6 38.4	2.456	3.446	2.2	22.3
4 1	12 16.02	+ 4 44.9	1.684	2.671	4.2	19.1	4 1	12 17.01	- 5 51.6	2.438	3.433	1.9	22.2
4 11	12 7.38	+ 4 51.8	1.711	2.667	8.1	19.4	4 11	12 9.77	- 5 3.5	2.450	3.419	5.0	22.4
4 21	12 0.23	+ 4 46.1	1.764	2.663	11.9	19.6	4 21	12 3.46	- 4 18.4	2.490	3.406	8.2	22.6
5 1	11 55.22	+ 4 26.2	1.839	2.660	15.2	19.8	5 1	11 58.61	- 3 40.4	2.555	3.391	11.0	22.8
<b>427767</b>	2004 <i>TG</i> <sub>183</sub>		3 26.3 196 <sup>o</sup> .87	1 <sup>o</sup> .6/27.9	17		<b>499034</b>	2009 <i>DD</i> <sub>49</sub>		3 26.3 46 <sup>o</sup> .78	0 <sup>o</sup> .4/25.8	17	
2 21	12 43.11	- 9 57.6	2.077	2.885	13.4	22.3	2 21	12 41.55	- 3 44.1	2.013	2.847	12.8	21.3
3 2	12 38.64	- 9 30.1	1.990	2.883	10.3	22.1	3 2	12 37.41	- 3 6.6	1.945	2.857	9.4	21.1
3 12	12 32.32	- 8 46.3	1.927	2.882	6.7	21.8	3 12	12 31.52	- 2 17.8	1.900	2.867	5.7	20.9
3 22	12 24.73	- 7 49.0	1.891	2.880	3.0	21.6	3 22	12 24.49	- 1 22.2	1.883	2.877	1.6	20.7
4 1	12 16.70	- 6 43.3	1.883	2.878	2.3	21.5	4 1	12 17.16	- 0 25.6	1.894	2.888	2.6	20.8
4 11	12 9.16	- 5 35.8	1.904	2.876	6.0	21.8	4 11	12 10.40	+ 0 25.9	1.933	2.898	6.5	21.0
4 21	12 2.88	- 4 32.8	1.952	2.873	9.7	22.0	4 21	12 4.91	+ 1 7.4	1.998	2.909	10.1	21.3
5 1	11 58.45	- 3 39.9	2.024	2.871	13.0	22.2	5 1	12 1.23	+ 1 35.5	2.086	2.920	13.1	21.5
<b>2751</b>	Campbell		3 26.3 77 <sup>o</sup> .48	0 <sup>o</sup> .9/27.1	18		<b>131097</b>	2001 <i>AG</i> <sub>8</sub>		3 26.3 200 <sup>o</sup> .79	5 <sup>o</sup> .5/20.7	18	
2 21	12 46.86	- 7 22.8	1.500	2.329	16.6	16.6	2 21	12 47.08	+ 9 58.1	1.872	2.724	12.8	20.3
3 2	12 41.78	- 6 54.7	1.442	2.349	12.5	16.4	3 2	12 41.75	+11 15.4	1.802	2.721	9.6	20.1
3 12	12 34.30	- 6 8.8	1.406	2.368	7.8	16.2	3 12	12 34.27	+12 34.4	1.756	2.717	6.7	19.9
3 22	12 25.32	- 5 10.0	1.395	2.388	2.8	15.9	3 22	12 25.37	+13 46.9	1.738	2.712	5.5	19.8
4 1	12 16.00	- 4 5.6	1.411	2.407	2.7	15.9	4 1	12 16.00	+14 44.8	1.748	2.708	7.4	19.9
4 11	12 7.60	- 3 4.0	1.455	2.426	7.5	16.3	4 11	12 7.24	+15 21.9	1.785	2.702	10.5	20.1
4 21	12 1.05	- 2 12.4	1.523	2.445	11.9	16.6	4 21	11 59.99	+15 36.0	1.845	2.696	13.8	20.3
5 1	11 56.97	- 1 35.8	1.612	2.464	15.5	16.8	5 1	11 54.89	+15 27.2	1.925	2.689	16.6	20.5
<b>206973</b>	2004 <i>TG</i> <sub>67</sub>		3 26.3 227 <sup>o</sup> .93	4 <sup>o</sup> .4/21.9	17		<b>140912</b>	2001 <i>VA</i> <sub>58</sub>		3 26.3 121 <sup>o</sup> .19	0 <sup>o</sup> .9/27.3	18	
2 21	12 47.60	+ 6 26.8	1.827	2.675	13.2	20.6	2 21	12 46.19	- 7 38.0	2.161	2.969	12.9	20.9
3 2	12 42.27	+ 7 37.7	1.744	2.664	9.8	20.4	3 2	12 40.70	- 7 11.5	2.091	2.987	9.7	20.7
3 12	12 34.68	+ 8 54.5	1.686	2.651	6.4	20.1	3 12	12 33.44	- 6 31.8	2.046	3.004	6.1	20.5
3 22	12 25.49	+10 9.4	1.655	2.638	4.4	20.0	3 22	12 25.08	- 5 42.2	2.029	3.020	2.3	20.3
4 1	12 15.70	+11 13.9	1.653	2.624	6.4	20.1	4 1	12 16.44	- 4 47.8	2.041	3.036	2.1	20.3
4 11	12 6.44	+12 0.9	1.677	2.610	10.1	20.3	4 11	12 8.41	- 3 54.2	2.083	3.052	5.8	20.6
4 21	11 58.68	+12 26.4	1.726	2.594	13.8	20.4	4 21	12 1.70	- 3 6.8	2.152	3.066	9.3	20.8
5 1	11 53.14	+12 29.3	1.796	2.578	17.0	20.6	5 1	11 56.84	- 2 29.4	2.245	3.081	12.3	21.0
<b>184083</b>	2004 <i>GR</i> <sub>36</sub>		3 26.3 357 <sup>o</sup> .06	7 <sup>o</sup> .5/21.9	18		<b>122838</b>	2000 <i>SQ</i> <sub>120</sub>		3 26.3 160 <sup>o</sup> .35	1 <sup>o</sup> .3/24.8	16	
2 21	12 49.04	+13 29.4	1.205	2.076	17.0	19.3	2 21	12 45.13	- 0 27.8	2.456	3.282	11.0	21.3
3 2	12 44.11	+13 54.9	1.144	2.071	13.1	19.0	3 2	12 39.77	+ 0 12.7	2.380	3.289	8.1	21.1
3 12	12 36.07	+14 14.4	1.105	2.067	9.4	18.8	3 12	12 32.84	+ 1 0.7	2.330	3.296	4.8	20.9
3 22	12 25.93	+14 18.7	1.088	2.065	7.5	18.7	3 22	12 24.90	+ 1 51.9	2.309	3.302	1.6	20.7
4 1	12 15.20	+14 0.1	1.096	2.064	9.4	18.8	4 1	12 16.66	+ 2 41.3	2.318	3.307	2.9	20.8
4 11	12 5.54	+13 15.2	1.126	2.065	13.3	19.0	4 11	12 8.90	+ 3 24.3	2.357	3.312	6.2	21.0
4 21	11 58.21	+12 5.4	1.178	2.066	17.3	19.2	4 21	12 2.27	+ 3 57.1	2.423	3.316	9.3	21.2
5 1	11 53.99	+10 34.9	1.247	2.069	20.9	19.5	5 1	11 57.25	+ 4 17.5	2.513	3.319	12.0	21.4
<b>323653</b>	2005 <i>CM</i> <sub>22</sub>		3 26.3 10 <sup>o</sup> .54	22 <sup>o</sup> .4/4.7	18		<b>225163</b>	2008 <i>GH</i> <sub>102</sub>		3 26.3 252 <sup>o</sup> .57	5 <sup>o</sup> .7/21.4	17	
2 21	12 58.35	-32 20.0	1.001	1.737	29.0	18.7	2 21	12 49.73	+12 10.6	1.896	2.743	12.8	20.7
3 2	12 53.42	-37 1.4	0.950	1.741	26.9	18.5	3 2	12 43.77	+12 53.8	1.817	2.731	9.8	20.5
3 12	12 43.33	-41 10.2	0.916	1.747	24.8	18.4	3 12	12 35.55	+13 35.4	1.762	2.720	7.0	20.3
3 22	12 28.60	-44 26.0	0.898	1.756	23.3	18.3	3 22	12 25.79	+14 8.3	1.734	2.707	5.7	20.2
4 1	12 11.23	-46 32.8	0.898	1.768	22.5	18.3	4 1	12 15.49	+14 26.0	1.735	2.695	7.3	20.3
4 11	11 54.42	-47 27.7	0.913	1.782	22.6	18.3	4 11	12 5.78	+14 24.0	1.762	2.682	10.4	20.4
4 21	11 41.24	-47 21.4	0.943	1.798	23.4	18.5	4 21	11 57.62	+14 1.3	1.813	2.669	13.7	20.6
5 1	11 33.68	-46 33.0	0.987	1.816	24.7	18.6	5 1	11 51.70	+13 18.8	1.885			

EPHEMERIDES

3 26.3

3 26.3

2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$	2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$
<b>39313</b>	2001 <i>TS</i> <sub>104</sub>		3 26.3	13°96'	0°4/26.7	18	<b>353835</b>	2012 <i>UV</i> <sub>135</sub>		3 26.3	110°24'	3°0/22.4	17
2 21	12 44.73	- 5 33.6	1.727	2.557	14.7	18.8	2 21	12 41.27	+ 4 24.7	2.423	3.268	10.5	20.9
3 2	12 40.17	- 5 13.0	1.649	2.557	11.1	18.6	3 2	12 36.93	+ 5 35.1	2.360	3.280	7.6	20.7
3 12	12 33.40	- 4 38.0	1.594	2.558	6.9	18.4	3 12	12 31.12	+ 6 50.0	2.324	3.291	4.7	20.5
3 22	12 25.13	- 3 52.4	1.565	2.558	2.3	18.1	3 22	12 24.39	+ 8 3.6	2.316	3.303	3.0	20.4
4 1	12 16.36	- 3 2.0	1.563	2.559	2.6	18.1	4 1	12 17.42	+ 9 9.9	2.338	3.314	4.5	20.5
4 11	12 8.20	- 2 13.9	1.589	2.559	7.2	18.4	4 11	12 10.94	+10 3.9	2.389	3.325	7.3	20.7
4 21	12 1.58	- 1 34.0	1.640	2.560	11.4	18.6	4 21	12 5.53	+10 42.6	2.466	3.335	10.1	20.9
5 1	11 57.16	- 1 7.0	1.713	2.560	15.0	18.8	5 1	12 1.65	+11 4.5	2.565	3.346	12.5	21.1
<b>155522</b>	1999 <i>TF</i> <sub>28</sub>		3 26.3	250°47'	2°0/24.3	18	<b>173974</b>	2001 <i>XV</i> <sub>127</sub>		3 26.3	173°95'	0°1/26.5	17
2 21	12 46.49	+ 2 16.5	2.319	3.151	11.3	20.3	2 21	12 41.88	- 5 7.2	2.787	3.600	10.2	21.2
3 2	12 41.08	+ 2 47.1	2.220	3.133	8.4	20.1	3 2	12 37.27	- 4 35.5	2.702	3.602	7.6	21.0
3 12	12 33.82	+ 3 23.7	2.147	3.113	5.1	19.9	3 12	12 31.30	- 3 54.3	2.643	3.604	4.7	20.8
3 22	12 25.26	+ 4 2.3	2.102	3.093	2.2	19.6	3 22	12 24.45	- 3 6.8	2.612	3.606	1.5	20.6
4 1	12 16.16	+ 4 37.9	2.087	3.073	3.6	19.7	4 1	12 17.32	- 2 16.9	2.612	3.607	1.8	20.6
4 11	12 7.41	+ 5 5.5	2.101	3.052	7.1	19.9	4 11	12 10.55	- 1 29.0	2.642	3.607	5.0	20.8
4 21	11 59.79	+ 5 21.8	2.142	3.030	10.6	20.0	4 21	12 4.71	- 0 46.9	2.700	3.608	7.9	21.0
5 1	11 53.92	+ 5 24.5	2.206	3.008	13.6	20.2	5 1	12 0.24	- 0 13.7	2.783	3.608	10.5	21.2
<b>298929</b>	2004 <i>TQ</i> <sub>160</sub>		3 26.3	136°41'	0°5/26.8	18	<b>23244</b>	Lafayette		3 26.3	151°66'	4°6/20.4	17
2 21	12 48.33	- 6 39.6	1.896	2.711	14.2	21.9	2 21	12 43.94	+ 9 43.8	2.345	3.192	10.7	19.6
3 2	12 42.53	- 6 5.9	1.826	2.726	10.7	21.7	3 2	12 38.97	+11 5.9	2.284	3.201	8.0	19.5
3 12	12 34.66	- 5 17.7	1.779	2.740	6.6	21.4	3 12	12 32.38	+12 28.9	2.250	3.209	5.5	19.3
3 22	12 25.48	- 4 19.2	1.761	2.753	2.2	21.2	3 22	12 24.78	+13 46.0	2.244	3.216	4.6	19.3
4 1	12 15.95	- 3 16.3	1.771	2.766	2.4	21.2	4 1	12 16.91	+14 50.8	2.268	3.223	6.2	19.4
4 11	12 7.12	- 2 16.1	1.810	2.778	6.7	21.5	4 11	12 9.56	+15 38.5	2.319	3.230	8.8	19.6
4 21	11 59.83	- 1 24.6	1.876	2.789	10.6	21.8	4 21	12 3.38	+16 6.8	2.396	3.236	11.4	19.7
5 1	11 54.66	- 0 46.0	1.965	2.799	13.9	22.0	5 1	11 58.87	+16 15.5	2.493	3.241	13.7	19.9
<b>348931</b>	2006 <i>TL</i> <sub>55</sub>		3 26.3	168°40'	3°4/21.4	18	<b>17977</b>	1999 <i>JR</i> <sub>54</sub>		3 26.3	209°96'	3°0/23.0	18
2 21	12 43.03	+ 9 45.0	3.033	3.872	8.8	21.8	2 21	12 47.42	+ 6 11.4	2.444	3.279	10.7	19.2
3 2	12 37.97	+10 32.9	2.963	3.876	6.5	21.7	3 2	12 41.57	+ 6 48.0	2.358	3.272	8.0	19.0
3 12	12 31.65	+11 21.0	2.921	3.880	4.4	21.6	3 12	12 34.01	+ 7 27.5	2.300	3.264	5.0	18.8
3 22	12 24.53	+12 4.8	2.908	3.884	3.4	21.5	3 22	12 25.30	+ 8 5.0	2.270	3.256	3.0	18.7
4 1	12 17.19	+12 40.3	2.925	3.886	4.6	21.6	4 1	12 16.20	+ 8 35.6	2.270	3.247	4.5	18.7
4 11	12 10.24	+13 4.4	2.971	3.889	6.8	21.7	4 11	12 7.52	+ 8 55.4	2.299	3.237	7.4	18.9
4 21	12 4.19	+13 15.5	3.044	3.891	9.0	21.9	4 21	12 0.00	+ 9 1.9	2.356	3.227	10.4	19.1
5 1	11 59.44	+13 13.0	3.140	3.892	11.0	22.0	5 1	11 54.17	+ 8 54.0	2.435	3.216	13.1	19.2
<b>15247</b>	1989 <i>WS</i>		3 26.3	138°91'	3°3/29.9	18	<b>521157</b>	2015 <i>FU</i> <sub>407</sub>		3 26.3	326°83'	1°2/24.9	17
2 21	12 45.06	-15 25.6	2.165	2.942	13.9	18.6	2 21	12 40.36	- 2 10.4	2.077	2.916	12.2	21.5
3 2	12 39.99	-15 6.2	2.085	2.954	11.0	18.4	3 2	12 36.59	- 1 13.6	1.997	2.913	9.0	21.3
3 12	12 33.09	-14 27.6	2.028	2.965	7.8	18.2	3 12	12 31.09	- 0 5.5	1.941	2.910	5.4	21.1
3 22	12 25.00	-13 31.8	1.998	2.975	4.6	18.1	3 22	12 24.42	+ 1 8.7	1.913	2.907	1.7	20.8
4 1	12 16.57	-12 23.1	1.996	2.985	3.4	18.0	4 1	12 17.36	+ 2 22.4	1.913	2.904	3.2	20.9
4 11	12 8.68	-11 7.8	2.023	2.994	5.8	18.2	4 11	12 10.77	+ 3 28.8	1.942	2.901	7.0	21.2
4 21	12 2.11	- 9 52.9	2.078	3.003	9.0	18.4	4 21	12 5.37	+ 4 22.6	1.996	2.899	10.6	21.4
5 1	11 57.41	- 8 44.8	2.158	3.011	12.1	18.6	5 1	12 1.71	+ 5 0.2	2.073	2.896	13.6	21.6
<b>294903</b>	2008 <i>DK</i> <sub>24</sub>		3 26.3	289°27'	4°2/20.4	17	<b>79591</b>	1998 <i>RO</i> <sub>20</sub>		3 26.3	271°17'	1°0/25.5	17
2 21	12 39.48	+ 7 59.5	2.358	3.212	10.4	20.8	2 21	12 45.60	- 3 43.1	1.480	2.323	16.0	19.3
3 2	12 35.76	+ 9 27.6	2.285	3.207	7.7	20.6	3 2	12 41.42	- 2 54.9	1.385	2.302	12.1	19.0
3 12	12 30.50	+10 59.1	2.239	3.203	5.2	20.4	3 12	12 34.53	- 1 48.2	1.313	2.282	7.4	18.7
3 22	12 24.21	+12 27.3	2.222	3.198	4.3	20.3	3 22	12 25.59	- 0 28.5	1.266	2.260	2.2	18.3
4 1	12 17.59	+13 45.1	2.233	3.193	5.9	20.4	4 1	12 15.74	+ 0 55.5	1.246	2.239	3.8	18.4
4 11	12 11.38	+14 46.9	2.272	3.189	8.6	20.6	4 11	12 6.34	+ 2 13.2	1.251	2.217	9.3	18.6
4 21	12 6.22	+15 29.6	2.336	3.184	11.3	20.8	4 21	11 58.64	+ 3 15.7	1.281	2.194	14.4	18.9
5 1	12 2.61	+15 52.1	2.421	3.180	13.7	20.9	5 1	11 53.57	+ 3 57.1	1.331	2.172	18.8	19.1
<b>421168</b>	2013 <i>RY</i> <sub>44</sub>		3 26.3	236°55'	3°0/1.2	18	<b>405899</b>	2006 <i>HV</i> <sub>18</sub>		3 26.3	288°27'	3°2/24.0	16
2 21	12 38.28	-19 39.9	4.536	5.262	7.9	20.6	2 21	12 48.45	+ 3 36.0	1.444	2.299	15.7	21.5
3 2	12 34.24	-19 54.1	4.435	5.261	6.5	20.5	3 2	12 43.42	+ 4 6.2	1.366	2.289	11.7	21.2
3 12	12 29.32	-19 58.4	4.359	5.259	5.0	20.4	3 12	12 35.64	+ 4 43.8	1.310	2.279	7.2	20.9
3 22	12 23.83	-19 53.2	4.310	5.258	3.7	20.3	3 22	12 25.90	+ 5 21.9	1.279	2.270	3.4	20.6
4 1	12 18.12	-19 39.5	4.290	5.257	3.0	20.3	4 1	12 15.42	+ 5 52.9	1.274	2.260	5.4	20.7
4 11	12 12.59	-19 19.0	4.300	5.256	3.6	20.3	4 11	12 5.63	+ 6 9.8	1.295	2.251	10.1	21.0
4 21	12 7.61	-18 54.0	4.339	5.254	5.0	20.4	4 21	11 57.74	+ 6 8.7	1.340	2.242	14.7	21.2
5 1	12 3.48	-18 27.2	4.405	5.253	6.5	20.5	5 1	11 52.56	+ 5 48.1	1.404	2.233	18.6	21.4
<b>497320</b>	2005 <i>TX</i> <sub>116</sub>		3 26.3	196°27'	0°8/27.1	17	<b>480333</b>	2015 <i>JZ</i> <sub>3</sub>		3 26.3	352°48'	0°6/25.9	17
2 21	12 44.93	- 7 23.3	2.195	3.006	12.6	23.1	2 21	12 47.58	- 0 33.0	1.969	2.801	13.1	20.5
3 2	12 39.93	- 6 54.3	2.106	3.004	9.6	22.9	3 2	12 42.04	- 0 42.0	1.888	2.799	9.7	20.3
3 12	12 33.10	- 6 11.6	2.042	3.001	6.1	22.7	3 12	12 34.45	- 0 44.4	1.831	2.797	5.9	20.0
3 22	12 25.03	- 5 18.4	2.005	2.997	2.2	22.4	3 22	12 25.47	- 0 43.1	1.801	2.795	1.8	19.7
4 1	12 16.53	- 4 19.5	1.998	2.993	2.1	22.4	4 1	12 16.01	- 0 41.4	1.800	2.794	2.7	19.8
4 11	12 8.48	- 3 20.9	2.020	2.988	6.0	22.7	4 11	12 7.11	- 0 43.4	1.827	2.793	6.8	20.1
4 21	12 1.64	- 2 28.3	2.069	2.983	9.6	22.9	4 21	11 59.62	- 0 51.9	1.881	2.792	10.6	20.3
5 1	11 56.62	- 1 46.2	2.142	2.978	12.8	23.1	5 1	11 54.17	- 1 9.3	1.958	2.792	13.9	20.5
<b>247859</b>	2003 <i>UJ</i> <sub>47</sub>		3 26.3	197°05'	0°8/25.5	17	<b>372505</b>	2009 <i>SR</i> <sub>278</sub>		3 26.3	164°12'	0°9/25.3	16

EPHEMERIDES

3 26.3

3 26.3

2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$	2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$
<b>352096</b>	2006 YP <sub>10</sub>	3 26.3 209°15 5°6/ 2.6 18					<b>361081</b>	2006 BY <sub>88</sub>	3 26.3 21°69 0°7/26.8 18				
2 21	12 43.64	-24 13.7	2.905	3.613	12.2	21.3	2 21	12 44.56	-5 16.2	1.070	1.930	19.5	20.8
3 2	12 38.75	-24 37.9	2.803	3.609	10.4	21.2	3 2	12 40.98	-5 11.1	1.013	1.936	14.8	20.5
3 12	12 32.32	-24 44.9	2.723	3.604	8.4	21.0	3 12	12 34.30	-4 46.8	0.975	1.944	9.2	20.2
3 22	12 24.81	-24 33.9	2.668	3.599	6.6	20.9	3 22	12 25.50	-4 7.9	0.959	1.953	3.1	19.9
4 1	12 16.87	-24 5.6	2.641	3.594	5.6	20.8	4 1	12 16.10	-3 22.6	0.967	1.963	3.3	19.9
4 11	12 9.23	-23 23.2	2.642	3.589	6.1	20.9	4 11	12 7.76	-2 40.7	0.997	1.973	9.3	20.3
4 21	12 2.55	-22 31.0	2.671	3.583	7.8	21.0	4 21	12 1.76	-2 10.3	1.050	1.985	14.6	20.6
5 1	11 57.36	-21 34.4	2.725	3.577	9.9	21.1	5 1	11 58.85	-1 56.5	1.120	1.998	19.1	20.9
<b>238845</b>	2005 UX <sub>196</sub>	3 26.3 93°42 0°6/26.8 18					<b>413070</b>	2001 SG <sub>175</sub>	3 26.3 77°74 2°4/24.1 18				
2 21	12 47.53	-7 19.0	1.414	2.247	17.2	21.6	2 21	12 47.87	+1 15.9	1.778	2.618	13.9	20.9
3 2	12 42.46	-6 39.0	1.355	2.264	13.0	21.4	3 2	12 42.05	+2 11.3	1.734	2.651	10.1	20.8
3 12	12 34.83	-5 39.5	1.318	2.281	8.0	21.2	3 12	12 34.27	+3 13.7	1.715	2.683	6.0	20.6
3 22	12 25.58	-4 26.3	1.305	2.298	2.7	20.9	3 22	12 25.37	+4 16.5	1.723	2.715	2.5	20.4
4 1	12 15.95	-3 7.9	1.319	2.315	2.9	20.9	4 1	12 16.35	+5 12.7	1.760	2.746	4.2	20.6
4 11	12 7.27	+1 54.2	1.360	2.331	8.0	21.3	4 11	12 8.22	+5 56.3	1.825	2.777	8.0	20.9
4 21	12 0.55	-0 53.2	1.426	2.347	12.6	21.6	4 21	12 1.74	+6 24.0	1.916	2.807	11.5	21.2
5 1	11 56.44	-0 10.0	1.512	2.363	16.4	21.8	5 1	11 57.38	+6 34.5	2.028	2.837	14.4	21.4
<b>10541</b>	Malesherbes	3 26.3 129°82 2°8/23.7 18					<b>354859</b>	2005 YR <sub>220</sub>	3 26.3 36°87 14°8/ 9.8 18				
2 21	12 47.38	+1 13.2	1.655	2.501	14.5	18.2	2 21	12 38.52	+20 12.7	0.961	1.855	18.2	18.9
3 2	12 42.05	+2 21.8	1.594	2.513	10.6	18.0	3 2	12 36.62	+24 39.1	0.952	1.875	15.5	18.8
3 12	12 34.48	+3 40.2	1.556	2.525	6.3	17.8	3 12	12 31.59	+28 39.9	0.967	1.896	14.9	18.8
3 22	12 25.46	+5 0.6	1.546	2.537	2.9	17.6	3 22	12 24.63	+31 51.5	1.003	1.919	16.3	19.0
4 1	12 16.09	+6 14.1	1.564	2.548	4.9	17.7	4 1	12 17.35	+34 0.3	1.061	1.942	18.9	19.2
4 11	12 7.52	+7 13.1	1.609	2.559	9.0	18.0	4 11	12 11.37	+35 4.9	1.135	1.966	21.6	19.5
4 21	12 0.64	+7 52.9	1.678	2.569	12.9	18.2	4 21	12 7.77	+35 12.9	1.223	1.991	24.0	19.8
5 1	11 56.06	+8 11.6	1.769	2.578	16.2	18.5	5 1	12 7.08	+34 35.1	1.322	2.017	25.8	20.0
<b>61120</b>	2000 LL <sub>36</sub>	3 26.3 277°08 4°1/22.1 18					<b>370835</b>	2004 XA <sub>62</sub>	3 26.3 88°55 0°1/26.3 18				
2 21	12 42.72	+4 30.7	1.710	2.567	13.5	18.8	2 21	12 47.28	-3 24.0	1.983	2.808	13.3	20.6
3 2	12 38.72	+5 52.2	1.635	2.560	10.0	18.6	3 2	12 41.67	-3 14.7	1.917	2.823	9.9	20.4
3 12	12 32.56	+7 22.0	1.585	2.554	6.3	18.3	3 12	12 34.13	-2 55.5	1.874	2.838	6.0	20.2
3 22	12 24.92	+8 51.7	1.561	2.547	4.1	18.2	3 22	12 25.37	-2 29.8	1.858	2.852	1.8	19.9
4 1	12 16.76	+10 11.8	1.565	2.540	6.2	18.3	4 1	12 16.31	-2 2.1	1.872	2.866	2.4	20.0
4 11	12 9.18	+11 14.2	1.595	2.534	10.0	18.5	4 11	12 7.90	-1 37.3	1.914	2.881	6.5	20.3
4 21	12 3.09	+11 54.3	1.649	2.527	13.7	18.7	4 21	12 0.93	-1 19.5	1.983	2.895	10.1	20.5
5 1	11 59.16	+12 10.3	1.723	2.520	17.0	18.9	5 1	11 55.96	-1 11.6	2.074	2.909	13.2	20.8
<b>70524</b>	1999 TH <sub>112</sub>	3 26.3 201°58 0°2/26.5 16					<b>212313</b>	2005 QZ <sub>34</sub>	3 26.3 273°35 0°6/25.7 17				
2 21	12 46.97	-5 14.3	1.961	2.782	13.6	20.7	2 21	12 42.05	-2 52.3	2.420	3.246	11.1	21.2
3 2	12 41.66	-4 46.8	1.874	2.778	10.2	20.4	3 2	12 37.74	-2 19.0	2.319	3.228	8.3	20.9
3 12	12 34.26	-4 6.1	1.812	2.774	6.3	20.2	3 12	12 31.79	-1 35.8	2.243	3.209	5.0	20.7
3 22	12 25.43	-3 15.8	1.776	2.769	2.0	19.9	3 22	12 24.69	-0 46.2	2.195	3.189	1.5	20.4
4 1	12 16.09	-2 21.4	1.769	2.764	2.5	19.9	4 1	12 17.12	+0 5.1	2.177	3.170	2.4	20.5
4 11	12 7.25	-1 29.3	1.791	2.758	6.8	20.2	4 11	12 9.86	+0 53.0	2.188	3.150	6.1	20.7
4 21	11 59.80	-0 45.4	1.840	2.751	10.8	20.4	4 21	12 3.60	+1 32.7	2.225	3.130	9.5	20.8
5 1	11 54.41	-0 13.9	1.911	2.744	14.2	20.6	5 1	11 58.92	+2 1.1	2.287	3.110	12.5	21.0
<b>501388</b>	2013 YS <sub>74</sub>	3 26.3 151°48 3°4/22.2 17					<b>364577</b>	2007 RC <sub>35</sub>	3 26.3 123°97 1°0/27.1 18				
2 21	12 43.91	+7 14.4	2.453	3.296	10.4	21.6	2 21	12 49.61	-6 24.2	1.683	2.504	15.4	21.4
3 2	12 38.89	+8 5.1	2.385	3.302	7.7	21.4	3 2	12 43.77	-6 16.4	1.613	2.515	11.7	21.2
3 12	12 32.33	+8 57.7	2.343	3.307	4.9	21.3	3 12	12 35.59	-5 54.0	1.566	2.526	7.4	20.9
3 22	12 24.79	+9 47.2	2.330	3.313	3.4	21.2	3 22	12 25.85	-5 20.3	1.544	2.536	2.7	20.7
4 1	12 16.99	+10 28.4	2.346	3.317	4.8	21.3	4 1	12 15.67	-4 40.6	1.551	2.546	2.6	20.7
4 11	12 9.66	+10 57.1	2.391	3.322	7.5	21.4	4 11	12 6.25	-4 1.4	1.586	2.556	7.1	21.0
4 21	12 3.45	+11 11.2	2.462	3.326	10.3	21.6	4 21	11 58.56	-3 28.5	1.646	2.565	11.4	21.2
5 1	11 58.84	+11 9.9	2.555	3.330	12.7	21.8	5 1	11 53.27	-3 6.5	1.729	2.574	15.0	21.5
<b>88025</b>	2000 UT <sub>79</sub>	3 26.3 84°96 4°1/31.1 18					<b>400007</b>	2006 HP <sub>91</sub>	3 26.3 145°83 4°6/22.1 18				
2 21	12 46.04	-18 5.3	2.080	2.844	14.8	19.2	2 21	12 47.63	+6 57.5	1.722	2.574	13.7	21.0
3 2	12 40.64	-17 49.0	2.018	2.875	11.9	19.0	3 2	12 42.23	+8 5.7	1.660	2.581	10.1	20.8
3 12	12 33.43	-17 11.6	1.979	2.905	8.6	18.9	3 12	12 34.60	+9 17.7	1.622	2.588	6.6	20.6
3 22	12 25.12	-16 15.2	1.966	2.935	5.5	18.8	3 22	12 25.54	+10 25.3	1.611	2.594	4.6	20.5
4 1	12 16.61	-15 4.1	1.981	2.965	4.1	18.7	4 1	12 16.10	+11 20.3	1.628	2.600	6.5	20.6
4 11	12 8.82	-13 45.4	2.025	2.994	5.9	18.9	4 11	12 7.41	+11 56.7	1.672	2.605	10.0	20.8
4 21	12 2.47	-12 26.3	2.096	3.022	8.9	19.1	4 21	12 0.37	+12 11.6	1.739	2.610	13.5	21.1
5 1	11 58.06	-11 13.5	2.192	3.050	11.7	19.3	5 1	11 55.59	+12 5.0	1.827	2.615	16.5	21.3
<b>90627</b>	2090 T-2	3 26.3 194°10 0°4/26.7 18					<b>296110</b>	2009 BR <sub>50</sub>	3 26.3 184°22 1°6/24.5 17				
2 21	12 48.89	-5 29.8	1.831	2.651	14.4	20.8	2 21	12 42.77	+0 30.7	2.406	3.241	10.9	21.2
3 2	12 43.21	-5 10.4	1.746	2.649	10.9	20.6	3 2	12 38.15	+1 12.6	2.327	3.241	8.0	21.1
3 12	12 35.27	-4 37.2	1.685	2.647	6.8	20.4	3 12	12 31.95	+2 1.5	2.273	3.240	4.8	20.8
3 22	12 25.76	-3 53.6	1.651	2.644	2.3	20.1	3 22	12 24.71	+2 53.2	2.247	3.240	1.8	20.6
4 1	12 15.69	-3 5.2	1.645	2.640	2.5	20.1	4 1	12 17.15	+3 42.5	2.251	3.239	3.2	20.7
4 11	12 6.19	-2 18.5	1.668	2.636	7.1	20.3	4 11	12 10.02	+4 24.5	2.284	3.238	6.5	20.9
4 21	11 58.22	-1 39.4	1.717	2.631	11.3	20.6	4 21	12 3.98	+4 55.7	2.344	3.237	9.6	21.1
5 1	11 52.50	-1 12.4	1.789	2.625	14.9	20.8	5 1	11 59.51	+5 13.7	2.427	3.236	12.3	21.3
<b>327849</b>	2006 XA <sub>8</sub>	3 26.3 13°06 7°2/20.6 18					<b>472856</b>	2015 FH <sub>293</sub>	3 26.3 279°57 1°4/24.9 18				
2 21	12 41.90	+10 14.5	1.191	2.073	16.4	18.9	2 21	12 43.17	+0 0.5	2.178	3.015	11.8	20.6
3 2	12 38.69	+11 33.7	1.143	2.077	12.4	18.7	3 2	12 38.63	+0 31.8	2.095	3.010	8.7	20.4
3 12	12 32.73	+12 53.4	1.115	2.082	8.7	18.5	3 12	12 32.33	+1 11.0	2.038	3.005		

EPHEMERIDES

3 26.3

3 26.3

2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$	2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$
<b>273708</b>	2007 <i>EB</i> <sub>63</sub>		3 26.3 75°06'	2.6/23.5	18		<b>243779</b>	2000 <i>SQ</i> <sub>5</sub>		3 26.3 176°47'	3.5/31.3	18	
2 21	12 42.71	- 0 3.0	1.701	2.551	14.0	21.0	2 21	12 41.81	-18 19.2	2.955	3.704	11.2	21.0
3 2	12 38.51	+ 1 24.2	1.645	2.567	10.1	20.8	3 2	12 37.27	-18 8.6	2.860	3.706	9.1	20.8
3 12	12 32.30	+ 3 2.2	1.613	2.584	6.0	20.6	3 12	12 31.37	-17 42.4	2.789	3.707	6.8	20.7
3 22	12 24.82	+ 4 42.8	1.609	2.601	2.7	20.4	3 22	12 24.57	-17 1.6	2.744	3.708	4.5	20.5
4 1	12 17.06	+ 6 16.5	1.633	2.617	4.7	20.6	4 1	12 17.45	-16 8.6	2.728	3.709	3.5	20.5
4 11	12 10.04	+ 7 34.9	1.684	2.634	8.7	20.8	4 11	12 10.68	-15 7.6	2.743	3.709	4.8	20.5
4 21	12 4.54	+ 8 32.8	1.759	2.650	12.4	21.1	4 21	12 4.82	-14 3.3	2.786	3.709	7.1	20.7
5 1	12 1.11	+ 9 8.2	1.856	2.667	15.5	21.3	5 1	12 0.31	-13 0.6	2.855	3.708	9.5	20.8
<b>53457</b>	1999 <i>XX</i> <sub>142</sub>		3 26.3 191°44'	17.9/10.6	18		<b>153564</b>	2001 <i>SE</i> <sub>158</sub>		3 26.3 115°36'	1.8/28.2	18	
2 21	13 0.70	+37 17.4	1.307	2.119	19.5	18.6	2 21	12 47.40	- 8 49.7	2.480	3.275	11.9	20.6
3 2	12 53.10	+39 19.9	1.276	2.119	18.3	18.5	3 2	12 41.52	- 9 2.9	2.402	3.286	9.1	20.4
3 12	12 41.63	+40 50.6	1.264	2.118	17.9	18.5	3 12	12 33.98	- 9 5.3	2.348	3.297	6.0	20.2
3 22	12 27.71	+41 34.7	1.272	2.116	18.5	18.5	3 22	12 25.37	- 8 58.1	2.322	3.308	2.9	20.0
4 1	12 13.41	+41 24.0	1.298	2.115	20.0	18.6	4 1	12 16.44	- 8 43.7	2.326	3.319	2.3	20.0
4 11	12 0.87	+40 19.7	1.341	2.112	21.9	18.7	4 11	12 7.99	- 8 25.9	2.360	3.330	5.2	20.2
4 21	11 51.50	+38 30.3	1.398	2.109	23.9	18.9	4 21	12 0.71	- 8 8.4	2.423	3.340	8.3	20.4
5 1	11 45.98	+36 6.9	1.468	2.106	25.6	19.0	5 1	11 55.10	- 7 54.8	2.510	3.350	11.0	20.6
<b>38656</b>	2000 <i>OR</i> <sub>45</sub>		3 26.3 203°62'	4.0/31.2	18	R	<b>2085</b>	Henan		3 26.3 123°52'	1.9/24.4	18	
2 21	12 45.17	-18 30.9	2.645	3.392	12.4	20.0	2 21	12 44.36	+ 0 20.4	1.979	2.818	12.7	16.3
3 2	12 39.96	-18 26.8	2.542	3.386	10.1	19.8	3 2	12 39.58	+ 1 9.5	1.909	2.826	9.3	16.1
3 12	12 33.10	-18 5.4	2.462	3.380	7.6	19.6	3 12	12 32.93	+ 2 7.2	1.864	2.833	5.5	15.9
3 22	12 25.09	-17 27.0	2.409	3.372	5.1	19.5	3 22	12 25.07	+ 3 7.9	1.847	2.840	2.1	15.6
4 1	12 16.65	-16 33.9	2.385	3.364	4.0	19.4	4 1	12 16.86	+ 4 5.2	1.859	2.847	3.7	15.8
4 11	12 8.54	-15 30.7	2.390	3.355	5.5	19.5	4 11	12 9.24	+ 4 52.9	1.898	2.853	7.5	16.0
4 21	12 1.49	-14 23.0	2.425	3.346	8.1	19.6	4 21	12 2.98	+ 5 26.9	1.963	2.859	11.0	16.2
5 1	11 56.02	-13 16.6	2.485	3.335	10.8	19.8	5 1	11 58.63	+ 5 44.8	2.051	2.865	14.0	16.4
<b>133294</b>	2003 <i>SB</i> <sub>34</sub>		3 26.3 192°90'	1.6/24.7	18		<b>373481</b>	2000 <i>TP</i>		3 26.3 227°53'	4.1/21.7	17	
2 21	12 45.39	- 1 41.7	1.876	2.712	13.5	21.1	2 21	12 47.71	+ 9 41.0	2.454	3.292	10.6	21.9
3 2	12 40.52	- 0 40.6	1.796	2.711	9.9	20.9	3 2	12 41.88	+10 28.8	2.366	3.278	8.0	21.7
3 12	12 33.59	+ 0 32.9	1.741	2.709	5.9	20.6	3 12	12 34.29	+11 17.5	2.305	3.264	5.4	21.5
3 22	12 25.26	+ 1 52.8	1.713	2.706	2.0	20.4	3 22	12 25.50	+12 1.6	2.272	3.249	4.1	21.4
4 1	12 16.45	+ 3 11.3	1.714	2.703	3.7	20.5	4 1	12 16.26	+12 35.8	2.269	3.233	5.6	21.5
4 11	12 8.20	+ 4 20.8	1.743	2.700	7.9	20.7	4 11	12 7.43	+12 55.8	2.295	3.217	8.3	21.6
4 21	12 1.38	+ 5 15.3	1.798	2.696	11.8	20.9	4 21	11 59.73	+12 59.7	2.348	3.200	11.2	21.8
5 1	11 56.61	+ 5 51.4	1.875	2.691	15.1	21.2	5 1	11 53.75	+12 46.8	2.422	3.182	13.7	21.9
<b>497973</b>	2007 <i>BG</i> <sub>80</sub>		3 26.3 352°54'	16.7/ 8.9	17		<b>299472</b>	2006 <i>BF</i> <sub>132</sub>		3 26.3 59°46'	2.1/24.5	18	
2 21	12 54.60	-40 43.7	1.751	2.364	22.0	20.6	2 21	12 43.98	- 1 46.9	1.374	2.229	16.3	20.1
3 2	12 49.06	-43 18.4	1.671	2.362	20.6	20.5	3 2	12 40.03	- 0 37.2	1.309	2.233	12.0	19.9
3 12	12 39.81	-45 24.2	1.606	2.360	19.2	20.4	3 12	12 33.52	+ 0 48.4	1.266	2.237	7.2	19.6
3 22	12 27.44	-46 51.6	1.558	2.358	17.8	20.3	3 22	12 25.30	+ 2 21.4	1.248	2.242	2.5	19.3
4 1	12 13.33	-47 32.8	1.529	2.357	17.0	20.2	4 1	12 16.56	+ 3 51.2	1.257	2.247	4.7	19.5
4 11	11 59.48	-47 26.9	1.519	2.356	16.7	20.2	4 11	12 8.64	+ 5 7.2	1.291	2.251	9.6	19.7
4 21	11 47.81	-46 39.7	1.527	2.356	17.2	20.2	4 21	12 2.57	+ 6 2.3	1.348	2.256	14.2	20.0
5 1	11 39.77	-45 22.6	1.554	2.356	18.3	20.3	5 1	11 59.07	+ 6 33.1	1.425	2.261	18.0	20.3
<b>299987</b>	2006 <i>UW</i> <sub>11</sub>		3 26.3 197°38'	1.2/24.9	17		<b>272801</b>	2006 <i>AH</i> <sub>14</sub>		3 26.3 233°74'	2.0/28.7	17	
2 21	12 42.24	- 0 28.1	2.526	3.357	10.6	21.4	2 21	12 44.63	-11 9.6	2.096	2.895	13.6	20.6
3 2	12 37.70	+ 0 8.0	2.443	3.355	7.8	21.2	3 2	12 39.90	-11 2.6	2.002	2.888	10.6	20.4
3 12	12 31.66	+ 0 51.4	2.387	3.354	4.6	21.0	3 12	12 33.23	-10 39.6	1.932	2.881	7.2	20.2
3 22	12 24.64	+ 1 38.3	2.358	3.352	1.6	20.8	3 22	12 25.20	-10 2.3	1.889	2.874	3.7	19.9
4 1	12 17.29	+ 2 23.9	2.360	3.350	2.8	20.9	4 1	12 16.64	- 9 14.5	1.873	2.866	2.7	19.8
4 11	12 10.34	+ 3 3.8	2.390	3.347	6.0	21.1	4 11	12 8.51	- 8 21.8	1.887	2.859	6.0	20.0
4 21	12 4.40	+ 3 34.3	2.448	3.345	9.1	21.3	4 21	12 1.64	- 7 30.3	1.927	2.851	9.7	20.2
5 1	11 59.97	+ 3 53.0	2.529	3.342	11.7	21.5	5 1	11 56.67	- 6 45.5	1.991	2.843	13.0	20.4
<b>374176</b>	2004 <i>XG</i> <sub>12</sub>		3 26.3 112°78'	4.0/22.1	18		<b>266262</b>	2006 <i>YY</i> <sub>41</sub>		3 26.3 166°03'	5.4/20.9	18	
2 21	12 45.56	+ 7 46.9	2.095	2.942	11.8	20.7	2 21	12 46.68	+10 28.1	1.927	2.778	12.5	20.3
3 2	12 40.31	+ 8 41.0	2.035	2.954	8.7	20.5	3 2	12 41.38	+11 36.4	1.863	2.781	9.4	20.1
3 12	12 33.27	+ 9 36.6	2.001	2.965	5.7	20.3	3 12	12 34.05	+12 45.0	1.824	2.784	6.5	19.9
3 22	12 25.13	+10 27.8	1.995	2.976	4.0	20.2	3 22	12 25.42	+13 46.2	1.812	2.786	5.4	19.9
4 1	12 16.72	+11 8.4	2.017	2.987	5.6	20.4	4 1	12 16.41	+14 33.0	1.829	2.788	7.1	20.0
4 11	12 8.94	+11 34.0	2.067	2.998	8.5	20.5	4 11	12 8.06	+15 0.1	1.872	2.790	10.1	20.1
4 21	12 2.51	+11 42.5	2.142	3.009	11.5	20.8	4 21	12 1.18	+15 5.8	1.939	2.791	13.1	20.3
5 1	11 57.94	+11 33.7	2.239	3.019	14.1	21.0	5 1	11 56.36	+14 50.6	2.026	2.792	15.8	20.5
<b>501445</b>	2014 <i>AH</i> <sub>27</sub>		3 26.3 66°68'	5.4/19.2	17		<b>430370</b>	2014 <i>BJ</i> <sub>33</sub>		3 26.3 27°67'	5.3/19.6	17	
2 21	12 40.53	+10 43.1	2.129	2.987	11.2	20.5	2 21	12 39.09	+ 7 57.1	1.912	2.775	12.0	20.1
3 2	12 36.65	+12 25.2	2.073	2.994	8.4	20.3	3 2	12 35.77	+ 9 55.3	1.854	2.780	8.9	19.9
3 12	12 31.10	+14 7.8	2.044	3.002	6.1	20.2	3 12	12 30.65	+11 57.5	1.823	2.786	6.2	19.7
3 22	12 24.48	+15 42.7	2.042	3.009	5.5	20.2	3 22	12 24.37	+13 53.9	1.819	2.793	5.4	19.7
4 1	12 17.57	+17 2.4	2.069	3.017	7.3	20.3	4 1	12 17.76	+15 35.1	1.843	2.799	7.3	19.8
4 11	12 11.19	+18 1.3	2.122	3.025	9.9	20.5	4 11	12 11.71	+16 54.1	1.894	2.806	10.3	20.0
4 21	12 6.03	+18 37.2	2.199	3.033	12.5	20.7	4 21	12 6.95	+17 47.3	1.969	2.814	13.3	20.2
5 1	12 2.57	+18 50.0	2.296	3.040	14.8	20.8	5 1	12 4.00	+18 14.5	2.063	2.821	15.8	20.4
<b>40802</b>	1999 <i>TL</i> <sub>39</sub>		3 26.3 226°25'	2.4/23.7	17		<b>342237</b>	2008 <i>SZ</i> <sub>272</sub>		3 26.3 246°18'	0.5/26.9	17	



EPHEMERIDES

3 26.3

3 26.4

2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$	2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$
<b>378733</b>	2008 <i>QJ</i> <sub>47</sub>		3 26.3 190°77	2°0/23.9	17		<b>408276</b>	2013 <i>FV</i> <sub>21</sub>		3 26.3 255°01	0°4/26.0	16	
2 21	12 43.93	+ 1 19.3	2.305	3.140	11.3	21.3	2 21	12 47.81	- 3 33.0	1.765	2.594	14.4	21.5
3 2	12 39.09	+ 2 11.9	2.224	3.139	8.3	21.1	3 2	12 42.71	- 3 7.5	1.667	2.576	10.9	21.2
3 12	12 32.58	+ 3 11.8	2.170	3.138	5.0	20.9	3 12	12 35.19	- 2 28.4	1.592	2.558	6.7	21.0
3 22	12 24.97	+ 4 14.0	2.144	3.136	2.2	20.7	3 22	12 25.89	- 1 39.9	1.544	2.538	2.0	20.6
4 1	12 16.98	+ 5 12.8	2.148	3.133	3.7	20.8	4 1	12 15.81	- 0 47.7	1.524	2.518	3.0	20.6
4 11	12 9.45	+ 6 2.5	2.180	3.130	7.0	21.0	4 11	12 6.13	+ 0 0.8	1.532	2.498	7.8	20.9
4 21	12 3.06	+ 6 39.3	2.240	3.127	10.2	21.2	4 21	11 57.94	+ 0 39.3	1.565	2.477	12.4	21.1
5 1	11 58.35	+ 7 0.9	2.322	3.123	13.0	21.4	5 1	11 52.05	+ 1 3.3	1.621	2.455	16.3	21.3
<b>115718</b>	2003 <i>UQ</i> <sub>175</sub>		3 26.3 345°86	0°3/26.7	18		<b>312187</b>	2007 <i>VG</i> <sub>67</sub>		3 26.3 144°59	1°4/27.8	18	
2 21	12 43.22	- 5 36.2	1.981	2.806	13.3	20.2	2 21	12 48.26	- 9 1.2	2.092	2.893	13.5	21.9
3 2	12 38.84	- 5 10.6	1.900	2.806	10.0	20.0	3 2	12 42.41	- 8 38.2	2.016	2.906	10.3	21.7
3 12	12 32.56	- 4 31.9	1.842	2.805	6.2	19.7	3 12	12 34.63	- 8 0.3	1.965	2.919	6.6	21.5
3 22	12 24.98	- 3 43.9	1.812	2.805	2.0	19.5	3 22	12 25.62	- 7 10.7	1.941	2.931	2.8	21.3
4 1	12 16.98	- 2 51.8	1.810	2.805	2.3	19.5	4 1	12 16.26	- 6 14.0	1.947	2.942	2.3	21.2
4 11	12 9.48	- 2 1.7	1.835	2.804	6.5	19.8	4 11	12 7.51	- 5 16.6	1.982	2.952	6.0	21.5
4 21	12 3.30	- 1 19.3	1.887	2.804	10.3	20.0	4 21	12 0.15	- 4 24.3	2.045	2.961	9.6	21.7
5 1	11 59.02	- 0 48.5	1.962	2.804	13.6	20.2	5 1	11 54.75	- 3 41.7	2.132	2.969	12.8	22.0
<b>23108</b>	1999 <i>YP</i> <sub>9</sub>		3 26.3 212°83	0°3/26.6	18		<b>276514</b>	2003 <i>QL</i> <sub>103</sub>		3 26.3 194°59	2°0/23.9	18	
2 21	12 48.51	- 4 31.3	1.961	2.780	13.6	18.6	2 21	12 44.37	+ 2 20.5	2.553	3.385	10.4	21.4
3 2	12 42.87	- 4 21.4	1.872	2.775	10.3	18.3	3 2	12 39.29	+ 3 4.5	2.470	3.383	7.6	21.3
3 12	12 35.08	- 4 0.0	1.807	2.769	6.4	18.1	3 12	12 32.66	+ 3 54.1	2.413	3.380	4.6	21.1
3 22	12 25.79	- 3 30.1	1.770	2.763	2.1	17.8	3 22	12 25.02	+ 4 45.0	2.386	3.376	2.1	20.9
4 1	12 15.95	- 2 56.2	1.761	2.756	2.4	17.8	4 1	12 17.03	+ 5 32.2	2.388	3.372	3.5	21.0
4 11	12 6.60	- 2 23.8	1.781	2.749	6.8	18.1	4 11	12 9.45	+ 6 11.2	2.420	3.368	6.5	21.2
4 21	11 58.66	- 1 57.9	1.828	2.741	10.8	18.3	4 21	12 2.91	+ 6 38.7	2.479	3.363	9.5	21.3
5 1	11 52.82	- 1 42.3	1.898	2.732	14.2	18.5	5 1	11 57.90	+ 6 52.9	2.562	3.357	12.1	21.5
<b>27245</b>	1999 <i>VJ</i> <sub>149</sub>		3 26.3 282°14	1°9/24.7	17		<b>406898</b>	2009 <i>DB</i> <sub>87</sub>		3 26.3 72°25	2°2/27.9	18	
2 21	12 45.05	- 0 48.3	1.622	2.468	14.7	19.9	2 21	12 49.65	- 8 54.3	1.423	2.246	17.6	21.0
3 2	12 40.83	- 0 1.1	1.526	2.446	11.0	19.6	3 2	12 44.07	- 8 55.4	1.366	2.267	13.5	20.8
3 12	12 34.13	+ 0 59.9	1.453	2.423	6.7	19.3	3 12	12 35.88	- 8 37.7	1.330	2.287	8.7	20.6
3 22	12 25.57	+ 2 8.8	1.406	2.400	2.4	19.0	3 22	12 26.02	- 8 4.2	1.319	2.308	3.9	20.4
4 1	12 16.18	+ 3 17.7	1.386	2.376	4.3	19.1	4 1	12 15.80	- 7 20.6	1.334	2.329	3.0	20.4
4 11	12 7.20	+ 4 17.7	1.393	2.353	9.1	19.3	4 11	12 6.57	- 6 34.9	1.376	2.349	7.6	20.7
4 21	11 59.75	+ 5 1.8	1.423	2.329	13.7	19.5	4 21	11 59.38	- 5 54.4	1.442	2.370	12.0	21.0
5 1	11 54.70	+ 5 25.7	1.475	2.305	17.8	19.7	5 1	11 54.85	- 5 24.8	1.530	2.390	15.8	21.3
<b>94930</b>	2001 <i>YF</i> <sub>71</sub>		3 26.3 220°40	4°3/22.3	18		<b>111179</b>	2001 <i>WG</i>		3 26.3 108°58	1°1/25.1	18	
2 21	12 47.53	+ 5 51.9	1.759	2.608	13.6	19.7	2 21	12 45.67	- 2 19.1	2.165	2.991	12.2	20.6
3 2	12 42.33	+ 7 0.6	1.680	2.601	10.1	19.5	3 2	12 40.29	- 1 21.3	2.106	3.016	9.0	20.4
3 12	12 34.82	+ 8 15.5	1.626	2.592	6.5	19.2	3 12	12 33.23	- 0 13.9	2.073	3.040	5.3	20.2
3 22	12 25.73	+ 9 28.7	1.599	2.583	4.3	19.1	3 22	12 25.17	+ 0 57.7	2.069	3.063	1.7	20.0
4 1	12 16.05	+ 10 31.7	1.599	2.573	6.3	19.2	4 1	12 16.90	+ 2 7.3	2.094	3.085	3.0	20.2
4 11	12 6.95	+ 11 17.4	1.627	2.563	10.0	19.3	4 11	12 9.28	+ 3 8.8	2.149	3.107	6.6	20.4
4 21	11 59.42	+ 11 41.6	1.679	2.552	13.8	19.6	4 21	12 2.96	+ 3 57.9	2.231	3.128	9.9	20.7
5 1	11 54.15	+ 11 43.4	1.751	2.541	17.1	19.7	5 1	11 58.43	+ 4 31.9	2.336	3.148	12.6	20.9
<b>133342</b>	2003 <i>SL</i> <sub>106</sub>		3 26.3 268°01	1°4/27.5	17		<b>241917</b>	2002 <i>AK</i> <sub>146</sub>		3 26.4 150°07	1°7/24.5	18	
2 21	12 46.85	- 8 15.7	1.751	2.568	15.1	20.5	2 21	12 44.54	- 0 2.6	2.087	2.923	12.3	21.1
3 2	12 42.11	- 7 58.5	1.645	2.544	11.7	20.2	3 2	12 39.66	+ 0 48.7	2.014	2.929	9.0	20.9
3 12	12 34.91	- 7 23.7	1.561	2.519	7.6	19.9	3 12	12 32.97	+ 1 48.7	1.967	2.935	5.4	20.6
3 22	12 25.82	- 6 33.4	1.503	2.494	3.1	19.6	3 22	12 25.12	+ 2 52.2	1.947	2.940	2.0	20.4
4 1	12 15.84	- 5 32.6	1.473	2.468	2.7	19.5	4 1	12 16.92	+ 3 52.7	1.957	2.945	3.5	20.5
4 11	12 6.17	- 4 28.8	1.470	2.442	7.5	19.7	4 11	12 9.27	+ 4 44.3	1.995	2.950	7.2	20.8
4 21	11 57.94	- 3 29.8	1.493	2.415	12.1	19.9	4 21	12 2.91	+ 5 22.7	2.060	2.954	10.7	21.0
5 1	11 52.05	- 2 42.5	1.538	2.387	16.3	20.1	5 1	11 58.39	+ 5 45.4	2.146	2.958	13.6	21.2
<b>162387</b>	2000 <i>BN</i> <sub>37</sub>		3 26.3 240°24	0°5/25.8	17		<b>42011</b>	2000 <i>YS</i> <sub>59</sub>		3 26.4 269°81	5°9/20.8	18	
2 21	12 43.40	- 3 12.7	2.248	3.074	11.9	20.8	2 21	12 45.20	+ 8 43.0	1.580	2.442	14.2	18.8
3 2	12 38.83	- 2 38.9	2.157	3.065	8.8	20.6	3 2	12 40.86	+ 10 7.5	1.505	2.430	10.7	18.6
3 12	12 32.51	- 1 54.6	2.090	3.055	5.4	20.4	3 12	12 34.05	+ 11 36.8	1.454	2.418	7.3	18.4
3 22	12 24.99	- 1 3.5	2.052	3.046	1.6	20.1	3 22	12 25.53	+ 13 1.0	1.428	2.406	6.0	18.2
4 1	12 17.02	- 0 10.8	2.043	3.036	2.5	20.1	4 1	12 16.36	+ 14 10.1	1.429	2.393	8.1	18.3
4 11	12 9.45	+ 0 38.0	2.062	3.026	6.3	20.4	4 11	12 7.80	+ 14 55.8	1.455	2.381	11.8	18.5
4 21	12 3.01	+ 1 18.1	2.109	3.015	9.9	20.6	4 21	12 0.90	+ 15 14.7	1.503	2.368	15.6	18.7
5 1	11 58.28	+ 1 46.1	2.179	3.005	12.9	20.7	5 1	11 56.43	+ 15 6.6	1.570	2.355	18.9	18.9
<b>268032</b>	2004 <i>PL</i> <sub>16</sub>		3 26.3 238°08	3°3/22.4	17		<b>522350</b>	2016 <i>CV</i> <sub>297</sub>		3 26.4 286°28	7°8/1.3	17	
2 21	12 42.78	+ 3 23.8	2.111	2.957	11.8	20.6	2 21	12 47.41	- 21 40.0	1.781	2.535	17.3	21.0
3 2	12 38.48	+ 4 45.8	2.025	2.945	8.7	20.4	3 2	12 42.70	- 22 35.9	1.678	2.517	14.7	20.8
3 12	12 32.34	+ 6 16.1	1.966	2.934	5.4	20.1	3 12	12 35.37	- 23 9.8	1.595	2.500	11.8	20.5
3 22	12 24.95	+ 7 48.0	1.935	2.922	3.3	20.0	3 22	12 26.00	- 23 18.2	1.535	2.482	9.1	20.3
4 1	12 17.08	+ 9 13.6	1.933	2.909	5.1	20.1	4 1	12 15.64	- 23 0.2	1.500	2.464	7.8	20.2
4 11	12 9.62	+ 10 25.6	1.959	2.896	8.5	20.3	4 11	12 5.59	- 22 19.2	1.491	2.447	9.0	20.2
4 21	12 3.37	+ 11 19.3	2.011	2.883	11.9	20.4	4 21	11 57.06	- 21 22.4	1.506	2.429	11.9	20.3
5 1	11 58.91	+ 11 52.3	2.084	2.870	14.8	20.6	5 1	11 51.02	- 20 19.1	1.543	2.411	15.2	20.5
<b>249625</b>	1999 <i>TY</i> <sub>47</sub>		3 26.3 246°98	0°6/25.8	16		<b>406391</b>	2007 <i>TQ</i> <sub>10</sub>	</				

EPHEMERIDES

3 26.4

3 26.4

2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$	2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$
<b>156445</b>	2002 AQ <sub>163</sub>		3 26.4 354°92		2°9/23.6 18		<b>465719</b>	2009 UV <sub>85</sub>		3 26.4 176°30		1°2/27.7 17	
2 21	12 41.58	+ 1 23.3	1.567	2.425	14.5	19.5	2 21	12 44.17	- 9 10.0	2.311	3.113	12.4	22.0
3 2	12 38.04	+ 2 26.8	1.497	2.423	10.6	19.3	3 2	12 39.32	- 8 37.9	2.224	3.116	9.4	21.8
3 12	12 32.25	+ 3 41.1	1.450	2.421	6.4	19.0	3 12	12 32.76	- 7 51.4	2.163	3.117	6.1	21.6
3 22	12 24.95	+ 4 58.6	1.428	2.420	3.0	18.8	3 22	12 25.08	- 6 53.5	2.129	3.118	2.5	21.4
4 1	12 17.15	+ 6 10.3	1.433	2.419	5.1	18.9	4 1	12 17.02	- 5 49.0	2.124	3.119	2.0	21.3
4 11	12 10.00	+ 7 7.8	1.464	2.418	9.3	19.2	4 11	12 9.41	- 4 43.7	2.149	3.119	5.6	21.6
4 21	12 4.43	+ 7 45.8	1.518	2.418	13.4	19.4	4 21	12 2.96	- 3 43.4	2.202	3.119	9.0	21.8
5 1	12 1.10	+ 8 1.7	1.593	2.419	16.9	19.6	5 1	11 58.20	- 2 52.7	2.279	3.118	12.0	22.0
<b>165498</b>	2001 BH <sub>53</sub>		3 26.4 154°96		1°3/25.1 18		<b>435006</b>	2006 UF <sub>331</sub>		3 26.4 94°57		2°0/23.7 17	
2 21	12 47.94	- 1 14.4	2.025	2.853	12.9	20.7	2 21	12 40.10	+ 0 19.8	2.387	3.227	10.8	21.6
3 2	12 42.21	- 0 33.3	1.952	2.862	9.5	20.5	3 2	12 36.18	+ 1 34.1	2.318	3.235	7.9	21.4
3 12	12 34.54	+ 0 17.4	1.904	2.871	5.7	20.2	3 12	12 30.78	+ 2 56.5	2.275	3.244	4.7	21.2
3 22	12 25.61	+ 1 12.6	1.884	2.878	1.8	20.0	3 22	12 24.45	+ 4 21.3	2.261	3.252	2.1	21.1
4 1	12 16.32	+ 2 6.5	1.894	2.885	3.2	20.1	4 1	12 17.85	+ 5 42.0	2.277	3.261	3.6	21.2
4 11	12 7.64	+ 2 53.0	1.933	2.891	7.1	20.4	4 11	12 11.71	+ 6 52.8	2.321	3.269	6.8	21.4
4 21	12 0.36	+ 3 27.6	1.998	2.896	10.7	20.6	4 21	12 6.61	+ 7 49.5	2.392	3.278	9.7	21.6
5 1	11 55.07	+ 3 47.6	2.086	2.900	13.8	20.8	5 1	12 3.03	+ 8 29.6	2.487	3.286	12.3	21.8
<b>493571</b>	2015 KH <sub>48</sub>		3 26.4 322°19		2°2/28.8 17		<b>465162</b>	2007 DM <sub>55</sub>		3 26.4 305°04		1°0/27.1 17	
2 21	12 40.00	-11 45.9	2.060	2.866	13.5	21.1	2 21	12 48.07	- 4 48.1	1.662	2.491	15.2	21.1
3 2	12 36.52	-11 21.8	1.967	2.856	10.6	20.9	3 2	12 43.06	- 5 4.7	1.567	2.474	11.7	20.9
3 12	12 31.20	-10 39.7	1.896	2.846	7.1	20.7	3 12	12 35.49	- 5 9.9	1.494	2.456	7.4	20.6
3 22	12 24.62	- 9 42.1	1.851	2.837	3.6	20.4	3 22	12 26.02	- 5 5.5	1.447	2.439	2.8	20.2
4 1	12 17.55	- 8 33.5	1.834	2.828	2.6	20.4	4 1	12 15.71	- 4 55.0	1.427	2.422	2.7	20.2
4 11	12 10.90	- 7 20.7	1.845	2.819	5.9	20.5	4 11	12 5.83	- 4 43.5	1.434	2.405	7.6	20.4
4 21	12 5.43	- 6 10.5	1.882	2.810	9.6	20.7	4 21	11 57.52	- 4 36.1	1.466	2.389	12.2	20.7
5 1	12 1.75	- 5 9.2	1.943	2.802	13.0	20.9	5 1	11 51.67	- 4 37.2	1.520	2.373	16.2	20.9
<b>499898</b>	2011 FN <sub>155</sub>		3 26.4 267°56		2°9/23.6 17		<b>467638</b>	2008 RJ <sub>115</sub>		3 26.4 242°38		0°3/26.1 17	
2 21	12 44.89	+ 3 35.9	1.933	2.779	12.7	21.1	2 21	12 42.67	- 5 3.6	2.049	2.876	12.8	22.1
3 2	12 40.17	+ 4 19.1	1.851	2.770	9.4	20.9	3 2	12 38.45	- 4 16.4	1.960	2.868	9.6	21.9
3 12	12 33.44	+ 5 8.6	1.793	2.761	5.7	20.6	3 12	12 32.36	- 3 15.2	1.895	2.860	5.9	21.6
3 22	12 25.31	+ 5 58.7	1.763	2.753	3.0	20.4	3 22	12 24.98	- 2 4.6	1.858	2.852	1.8	21.3
4 1	12 16.68	+ 6 43.0	1.760	2.743	4.7	20.5	4 1	12 17.13	- 0 50.6	1.849	2.843	2.5	21.4
4 11	12 8.55	+ 7 15.5	1.786	2.734	8.4	20.7	4 11	12 9.71	+ 0 19.6	1.869	2.834	6.7	21.6
4 21	12 1.79	+ 7 32.7	1.836	2.725	12.0	20.9	4 21	12 3.53	+ 1 19.8	1.915	2.825	10.5	21.8
5 1	11 57.02	+ 7 32.6	1.907	2.716	15.2	21.1	5 1	11 59.18	+ 2 5.6	1.984	2.816	13.8	22.0
<b>333428</b>	2003 QL <sub>22</sub>		3 26.4 212°60		3°3/30.3 18		<b>511984</b>	2015 KJ <sub>88</sub>		3 26.4 291°19		5°0/20.1 17	
2 21	12 44.90	-15 34.9	2.634	3.398	12.0	21.9	2 21	12 41.95	+10 26.6	2.252	3.105	10.9	21.0
3 2	12 39.80	-15 33.7	2.531	3.390	9.7	21.7	3 2	12 37.88	+11 42.0	2.160	3.079	8.2	20.8
3 12	12 33.05	-15 17.1	2.452	3.382	7.0	21.5	3 12	12 32.02	+13 0.0	2.093	3.053	5.9	20.6
3 22	12 25.17	-14 45.8	2.400	3.373	4.4	21.3	3 22	12 24.89	+14 13.7	2.055	3.026	5.1	20.5
4 1	12 16.84	-14 2.1	2.378	3.363	3.4	21.2	4 1	12 17.23	+15 16.1	2.044	3.000	6.8	20.5
4 11	12 8.84	-13 10.5	2.385	3.353	5.3	21.3	4 11	12 9.90	+16 1.2	2.061	2.973	9.6	20.7
4 21	12 1.85	-12 15.8	2.421	3.342	8.1	21.5	4 21	12 3.66	+16 25.9	2.102	2.947	12.6	20.8
5 1	11 56.42	-11 23.5	2.482	3.331	10.8	21.7	5 1	11 59.13	+16 29.2	2.163	2.920	15.2	20.9
<b>198266</b>	2004 TT <sub>262</sub>		3 26.4 193°23		1°8/24.5 18		<b>414785</b>	2010 RA <sub>40</sub>		3 26.4 171°78		2°1/28.7 17	
2 21	12 46.02	+ 1 34.4	2.293	3.125	11.4	20.7	2 21	12 46.09	-11 57.0	2.169	2.960	13.4	22.1
3 2	12 40.67	+ 2 7.1	2.211	3.124	8.4	20.5	3 2	12 40.85	-11 29.9	2.083	2.964	10.5	21.9
3 12	12 33.57	+ 2 46.0	2.155	3.122	5.1	20.3	3 12	12 33.75	-10 45.6	2.020	2.968	7.0	21.7
3 22	12 25.32	+ 3 26.9	2.127	3.119	2.0	20.0	3 22	12 25.40	- 9 46.6	1.985	2.970	3.5	21.5
4 1	12 16.68	+ 4 4.8	2.129	3.116	3.4	20.1	4 1	12 16.63	- 8 37.6	1.979	2.972	2.5	21.4
4 11	12 8.51	+ 4 34.9	2.160	3.113	6.8	20.3	4 11	12 8.37	- 7 25.2	2.002	2.974	5.8	21.6
4 21	12 1.53	+ 4 53.9	2.217	3.109	10.1	20.5	4 21	12 1.39	- 6 15.8	2.054	2.974	9.4	21.9
5 1	11 56.29	+ 4 59.8	2.298	3.105	13.0	20.7	5 1	11 56.28	- 5 15.4	2.129	2.974	12.5	22.1
<b>176661</b>	2002 OW <sub>17</sub>		3 26.4 179°16		1°6/28.0 18		<b>176738</b>	2002 RU <sub>70</sub>		3 26.4 261°50		2°9/29.1 18	
2 21	12 45.34	-10 13.8	1.972	2.777	14.1	21.0	2 21	12 43.39	-13 9.0	1.648	2.456	16.3	20.2
3 2	12 40.46	- 9 41.9	1.887	2.779	10.8	20.8	3 2	12 39.41	-12 43.2	1.566	2.456	12.8	20.0
3 12	12 33.59	- 8 52.4	1.826	2.780	7.1	20.5	3 12	12 33.13	-11 54.4	1.505	2.455	8.7	19.7
3 22	12 25.35	- 7 48.5	1.791	2.780	3.1	20.3	3 22	12 25.25	-10 44.9	1.469	2.454	4.5	19.5
4 1	12 16.65	- 6 35.5	1.785	2.780	2.4	20.2	4 1	12 16.82	- 9 21.0	1.460	2.454	3.2	19.4
4 11	12 8.48	- 5 20.9	1.808	2.780	6.3	20.5	4 11	12 8.99	- 7 51.7	1.478	2.453	7.0	19.6
4 21	12 1.68	- 4 11.7	1.858	2.778	10.2	20.7	4 21	12 2.74	- 6 26.3	1.522	2.453	11.2	19.9
5 1	11 56.89	- 3 13.8	1.931	2.777	13.6	20.9	5 1	11 58.79	- 5 12.9	1.587	2.452	15.1	20.1
<b>287138</b>	2002 RH <sub>203</sub>		3 26.4 62°51		3°0/29.2 17		<b>260521</b>	2005 ED <sub>99</sub>		3 26.4 86°67		1°4/27.6 18	
2 21	12 45.78	-11 49.6	2.066	2.861	13.9	19.9	2 21	12 46.02	- 8 33.6	1.546	2.371	16.4	20.9
3 2	12 40.73	-12 4.8	1.984	2.865	10.9	19.7	3 2	12 41.35	- 8 11.7	1.477	2.380	12.5	20.7
3 12	12 33.73	-12 4.9	1.924	2.869	7.5	19.5	3 12	12 34.27	- 7 31.0	1.429	2.389	8.0	20.4
3 22	12 25.39	-11 50.8	1.891	2.872	4.2	19.3	3 22	12 25.59	- 6 35.3	1.407	2.398	3.2	20.2
4 1	12 16.60	-11 25.2	1.886	2.876	3.2	19.2	4 1	12 16.43	- 5 31.3	1.411	2.407	2.7	20.1
4 11	12 8.31	-10 52.9	1.909	2.880	6.0	19.4	4 11	12 8.03	- 4 27.3	1.443	2.416	7.4	20.4
4 21	12 1.35	-10 19.4	1.959	2.884	9.4	19.6	4 21	12 1.39	- 3 31.2	1.499	2.425	11.8	20.7
5 1	11 56.34	- 9 49.7	2.032	2.888	12.6	19.8	5 1	11 57.17	- 2 48.7	1.577	2.433	15.6	21.0
<b>286786</b>	2002 JE <sub>89</sub>		3 26.4 315°40		1°2/27.2 17		<b>521039</b>	2015 DC <sub>234</sub>		3 26.4 187°10		0°4/26.8 17	
2 21	12 42.57	- 7 7.3	1.305	2.151									

EPHEMERIDES

3 26.4

3 26.4

2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$	2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$
<b>363517</b>	2003 <i>UP</i> <sub>136</sub>		3 26.4 220°97	0°2/26.2	16		<b>407821</b>	2012 <i>BS</i>		3 26.4 101°93	3°1/28.9	18	
2 21	12 47.27	- 4 18.2	1.929	2.753	13.6	22.0	2 21	12 47.71	-11 50.1	1.645	2.451	16.4	21.5
3 2	12 42.02	- 3 48.0	1.838	2.744	10.3	21.8	3 2	12 42.53	-11 51.1	1.573	2.462	12.8	21.3
3 12	12 34.62	- 3 4.7	1.771	2.735	6.3	21.5	3 12	12 34.97	-11 32.4	1.523	2.472	8.7	21.1
3 22	12 25.71	- 2 12.3	1.731	2.725	1.9	21.2	3 22	12 25.83	-10 55.9	1.498	2.483	4.6	20.9
4 1	12 16.21	- 1 16.6	1.720	2.714	2.7	21.2	4 1	12 16.19	-10 6.3	1.500	2.493	3.4	20.8
4 11	12 7.18	- 0 24.1	1.737	2.703	7.1	21.5	4 11	12 7.30	- 9 10.9	1.530	2.503	7.0	21.0
4 21	11 59.54	+ 0 19.2	1.781	2.691	11.2	21.7	4 21	12 0.13	- 8 17.3	1.584	2.513	11.1	21.3
5 1	11 53.99	+ 0 49.1	1.848	2.678	14.7	21.9	5 1	11 55.35	- 7 32.1	1.662	2.522	14.7	21.5
<b>459613</b>	2013 <i>HM</i> <sub>73</sub>		3 26.4 317°16	1°7/27.6	17		<b>57333</b>	2001 <i>QX</i> <sub>246</sub>		3 26.4 52°87	3°1/23.2	18	
2 21	12 43.39	- 8 0.3	1.300	2.142	17.9	21.7	2 21	12 41.75	- 0 33.3	1.472	2.329	15.3	18.3
3 2	12 40.09	- 7 52.6	1.214	2.126	13.8	21.4	3 2	12 38.08	+ 1 11.1	1.423	2.349	11.1	18.1
3 12	12 33.92	- 7 23.9	1.147	2.111	9.0	21.0	3 12	12 32.19	+ 3 8.3	1.397	2.369	6.5	17.9
3 22	12 25.59	- 6 36.7	1.104	2.096	3.7	20.7	3 22	12 24.93	+ 5 7.8	1.397	2.389	3.1	17.7
4 1	12 16.31	- 5 37.4	1.085	2.081	3.1	20.6	4 1	12 17.40	+ 6 58.1	1.425	2.410	5.4	17.9
4 11	12 7.60	- 4 35.5	1.091	2.068	8.6	20.9	4 11	12 10.70	+ 8 29.1	1.480	2.430	9.6	18.2
4 21	12 0.78	- 3 40.6	1.120	2.055	14.0	21.1	4 21	12 5.70	+ 9 35.1	1.558	2.451	13.5	18.5
5 1	11 56.81	- 3 0.5	1.168	2.042	18.7	21.3	5 1	12 2.95	+10 14.2	1.656	2.473	16.8	18.8
<b>252648</b>	2001 <i>YH</i> <sub>10</sub>		3 26.4 39°85	7°3/19.9	18		<b>99309</b>	2001 <i>SH</i> <sub>264</sub>		3 26.4 285°79	2°3/30.9	18	
2 21	12 43.98	+11 48.1	1.385	2.256	15.2	19.4	2 21	12 36.48	-15 59.9	4.419	5.173	7.7	19.7
3 2	12 39.82	+13 20.3	1.347	2.275	11.5	19.2	3 2	12 33.00	-15 56.4	4.320	5.171	6.2	19.6
3 12	12 33.25	+14 49.6	1.333	2.293	8.3	19.1	3 12	12 28.68	-15 43.5	4.245	5.168	4.5	19.5
3 22	12 25.23	+16 5.1	1.343	2.313	7.4	19.1	3 22	12 23.82	-15 22.2	4.198	5.165	2.9	19.4
4 1	12 16.98	+16 57.5	1.378	2.333	9.4	19.3	4 1	12 18.77	-14 54.0	4.181	5.163	2.3	19.3
4 11	12 9.73	+17 21.5	1.437	2.354	12.6	19.5	4 11	12 13.90	-14 21.1	4.193	5.160	3.3	19.4
4 21	12 4.37	+17 17.0	1.517	2.376	15.8	19.7	4 21	12 9.57	-13 46.0	4.235	5.157	4.9	19.5
5 1	12 1.45	+16 46.5	1.614	2.397	18.6	20.0	5 1	12 6.07	-13 11.3	4.303	5.155	6.6	19.6
<b>160332</b>	2003 <i>QU</i> <sub>60</sub>		3 26.4 279°66	0°3/26.2	18		<b>426393</b>	2013 <i>PA</i> <sub>31</sub>		3 26.4 181°74	3°0/29.8	17	
2 21	12 47.69	- 2 8.5	1.963	2.791	13.3	19.5	2 21	12 47.36	-14 4.6	2.638	3.405	11.9	22.4
3 2	12 42.34	- 2 7.5	1.869	2.778	10.0	19.2	3 2	12 41.56	-14 8.8	2.544	3.407	9.5	22.2
3 12	12 34.84	- 1 57.8	1.799	2.764	6.1	19.0	3 12	12 34.11	-13 58.9	2.474	3.407	6.7	22.0
3 22	12 25.79	- 1 42.2	1.756	2.750	1.9	18.6	3 22	12 25.54	-13 35.6	2.431	3.407	4.0	21.9
4 1	12 16.12	- 1 24.8	1.741	2.736	2.6	18.7	4 1	12 16.56	-13 1.3	2.419	3.406	3.1	21.8
4 11	12 6.87	- 1 10.4	1.755	2.721	7.0	18.9	4 11	12 7.97	-12 20.1	2.437	3.404	5.2	21.9
4 21	11 58.98	- 1 2.9	1.795	2.707	11.0	19.1	4 21	12 0.44	-11 36.7	2.483	3.402	8.0	22.1
5 1	11 53.17	- 1 5.4	1.858	2.693	14.5	19.3	5 1	11 54.53	-10 55.8	2.555	3.399	10.7	22.3
<b>434926</b>	2006 <i>TJ</i> <sub>104</sub>		3 26.4 196°24	0°1/26.2	17		<b>373526</b>	2001 <i>SP</i> <sub>213</sub>		3 26.4 225°09	0°6/25.7	17	
2 21	12 41.74	- 4 28.6	2.609	3.427	10.6	22.2	2 21	12 46.98	- 2 27.9	2.303	3.123	11.8	23.0
3 2	12 37.35	- 3 54.3	2.522	3.425	7.9	22.0	3 2	12 41.51	- 1 59.4	2.206	3.111	8.8	22.8
3 12	12 31.51	- 3 10.4	2.461	3.424	4.8	21.8	3 12	12 34.20	- 1 21.2	2.134	3.098	5.4	22.5
3 22	12 24.70	- 2 19.9	2.428	3.421	1.5	21.6	3 22	12 25.59	- 0 37.0	2.090	3.084	1.6	22.3
4 1	12 17.57	- 1 27.4	2.425	3.419	2.0	21.6	4 1	12 16.48	+ 0 8.5	2.077	3.070	2.6	22.3
4 11	12 10.81	- 0 37.5	2.452	3.416	5.4	21.9	4 11	12 7.73	+ 0 50.1	2.093	3.055	6.4	22.5
4 21	12 5.03	+ 0 5.6	2.506	3.414	8.5	22.0	4 21	12 0.14	+ 1 23.3	2.137	3.039	10.0	22.7
5 1	12 0.68	+ 0 38.7	2.585	3.410	11.2	22.2	5 1	11 54.31	+ 1 44.8	2.205	3.022	13.1	22.9
<b>285375</b>	1999 <i>TM</i> <sub>122</sub>		3 26.4 147°06	0°6/25.7	18		<b>482374</b>	2011 <i>YC</i> <sub>53</sub>		3 26.4 322°32	23°4/14.6	18	
2 21	12 45.50	- 4 52.7	2.036	2.858	13.1	21.1	2 21	12 52.22	-44 18.5	1.175	1.819	29.7	20.5
3 2	12 40.41	- 3 50.4	1.963	2.869	9.7	20.9	3 2	12 48.88	-47 23.4	1.108	1.816	28.3	20.4
3 12	12 33.46	- 2 34.4	1.915	2.880	5.8	20.7	3 12	12 40.66	-49 49.0	1.052	1.812	26.8	20.2
3 22	12 25.31	- 1 10.3	1.895	2.889	1.7	20.4	3 22	12 28.06	-51 20.7	1.007	1.809	25.3	20.1
4 1	12 16.83	+ 0 14.8	1.905	2.898	2.7	20.5	4 1	12 12.95	-51 45.7	0.975	1.806	24.1	20.0
4 11	12 8.94	+ 1 33.6	1.944	2.906	6.8	20.8	4 11	11 58.35	-51 0.6	0.956	1.804	23.5	19.9
4 21	12 2.40	+ 2 40.0	2.010	2.914	10.4	21.0	4 21	11 47.18	-49 13.3	0.951	1.801	23.6	19.9
5 1	11 57.76	+ 3 30.1	2.100	2.920	13.6	21.2	5 1	11 41.37	-46 40.9	0.959	1.799	24.5	19.9
<b>221647</b>	2007 <i>BB</i> <sub>60</sub>		3 26.4 105°16	7°9/ 3.6	17		<b>158374</b>	2001 <i>XW</i> <sub>195</sub>		3 26.4 103°63	11°8/10.0	18	
2 21	12 45.98	-26 8.0	1.920	2.643	17.2	20.0	2 21	12 46.89	+31 29.9	1.982	2.806	13.3	19.9
3 2	12 41.22	-26 39.8	1.839	2.651	14.8	19.9	3 2	12 41.67	+33 49.3	1.966	2.823	12.1	19.9
3 12	12 34.19	-26 45.1	1.776	2.659	12.0	19.7	3 12	12 34.29	+35 48.6	1.973	2.839	11.8	19.9
3 22	12 25.59	-26 22.1	1.737	2.667	9.5	19.6	3 22	12 25.58	+37 18.6	2.005	2.855	12.5	19.9
4 1	12 16.44	-25 31.8	1.722	2.675	8.0	19.5	4 1	12 16.60	+38 13.1	2.060	2.871	13.8	20.0
4 11	12 7.89	-24 19.6	1.733	2.683	8.5	19.5	4 11	12 8.47	+38 31.3	2.134	2.886	15.3	20.2
4 21	12 0.91	-22 54.1	1.769	2.690	10.6	19.7	4 21	12 2.04	+38 16.2	2.226	2.901	16.8	20.3
5 1	11 56.19	-21 24.6	1.830	2.697	13.2	19.8	5 1	11 57.84	+37 32.6	2.331	2.916	18.1	20.5
<b>439775</b>	2015 <i>GO</i> <sub>24</sub>		3 26.4 259°23	5°1/20.1	17		<b>366950</b>	2005 <i>WE</i> <sub>6</sub>		3 26.4 152°89	2°0/28.7	15	
2 21	12 42.19	+11 7.9	2.208	3.061	11.0	21.2	2 21	12 45.48	-11 37.2	2.479	3.265	12.1	22.6
3 2	12 37.91	+12 22.0	2.141	3.060	8.3	21.1	3 2	12 40.15	-11 14.8	2.397	3.275	9.4	22.4
3 12	12 31.93	+13 36.2	2.101	3.059	5.9	20.9	3 12	12 33.22	-10 38.0	2.339	3.285	6.3	22.2
3 22	12 24.85	+14 43.6	2.088	3.058	5.2	20.9	3 22	12 25.25	- 9 48.9	2.309	3.294	3.1	22.0
4 1	12 17.43	+15 37.7	2.103	3.056	6.7	20.9	4 1	12 16.97	- 8 51.6	2.309	3.302	2.3	22.0
4 11	12 10.50	+16 13.8	2.145	3.055	9.4	21.1	4 11	12 9.15	- 7 51.3	2.339	3.309	5.1	22.2
4 21	12 4.77	+16 29.8	2.210	3.054	12.1	21.3	4 21	12 2.47	- 6 53.3	2.397	3.316	8.3	22.4
5 1	12 0.74	+16 25.6	2.297	3.053	14.5	21.4	5 1	11 57.42	- 6 2.2	2.481	3.322	11.1	22.6
<b>354811</b>	2005 <i>WT</i> <sub>6</sub>		3 26.4 93°76	0°5/26.0	18		<b>12381</b>	Hugoclaus		3 26.4 34°07	0°1/26.3		

EPHEMERIDES

3 26.4

3 26.4

2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$	2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$
<b>296208</b>	2009 <i>CG</i> <sub>5</sub>		3 26.4 343°07'		2°0/24.2 17		<b>415727</b>	1999 <i>TQ</i> <sub>336</sub>		3 26.4 215°52'		0°2/26.5 16	
2 21	12 41.72	+ 0 36.1	2.019	2.863	12.3	20.9	2 21	12 47.08	- 5 11.9	1.998	2.818	13.4	22.8
3 2	12 37.71	+ 1 28.0	1.942	2.861	9.0	20.7	3 2	12 41.83	- 4 43.0	1.907	2.810	10.1	22.6
3 12	12 31.90	+ 2 28.7	1.890	2.859	5.4	20.5	3 12	12 34.50	- 4 0.9	1.840	2.802	6.3	22.3
3 22	12 24.88	+ 3 32.7	1.865	2.858	2.2	20.3	3 22	12 25.73	- 3 9.0	1.800	2.793	2.0	22.0
4 1	12 17.46	+ 4 33.4	1.869	2.857	3.8	20.4	4 1	12 16.40	- 2 13.0	1.789	2.784	2.4	22.1
4 11	12 10.54	+ 5 24.6	1.901	2.855	7.5	20.6	4 11	12 7.53	- 1 19.2	1.807	2.773	6.8	22.3
4 21	12 4.87	+ 6 1.8	1.958	2.854	11.0	20.8	4 21	12 0.00	- 0 33.5	1.851	2.763	10.8	22.5
5 1	12 1.01	+ 6 22.5	2.037	2.853	14.1	21.0	5 1	11 54.49	- 0 0.2	1.919	2.751	14.2	22.7
<b>253574</b>	2003 <i>SZ</i> <sub>308</sub>		3 26.4 47°96'		4°0/29.4 18		<b>387833</b>	2004 <i>HE</i> <sub>13</sub>		3 26.4 52°28'		3°7/23.2 17	
2 21	12 47.56	-12 35.5	1.485	2.296	17.6	20.2	2 21	12 48.10	+ 7 53.8	1.996	2.840	12.4	20.7
3 2	12 42.76	-12 55.1	1.410	2.299	14.0	20.0	3 2	12 42.32	+ 8 14.6	1.933	2.850	9.2	20.5
3 12	12 35.30	-12 53.8	1.356	2.303	9.7	19.7	3 12	12 34.62	+ 8 35.9	1.895	2.860	5.9	20.3
3 22	12 25.99	-12 32.0	1.325	2.307	5.5	19.5	3 22	12 25.71	+ 8 52.7	1.885	2.870	3.7	20.2
4 1	12 16.02	-11 53.6	1.320	2.311	4.2	19.4	4 1	12 16.52	+ 9 0.1	1.903	2.880	5.1	20.3
4 11	12 6.78	-11 5.8	1.342	2.316	7.7	19.6	4 11	12 8.02	+ 8 54.8	1.949	2.890	8.3	20.5
4 21	11 59.40	-10 16.7	1.387	2.320	12.0	19.9	4 21	12 0.98	+ 8 35.5	2.020	2.900	11.5	20.7
5 1	11 54.68	- 9 34.1	1.454	2.325	15.9	20.1	5 1	11 55.94	+ 8 2.2	2.114	2.911	14.3	21.0
<b>259043</b>	2002 <i>TG</i> <sub>288</sub>		3 26.4 127°13'		2°3/28.6 18		<b>74854</b>	1999 <i>TT</i> <sub>78</sub>		3 26.4 326°15'		1°2/25.5 18	
2 21	12 46.88	-11 5.7	1.929	2.730	14.5	20.1	2 21	12 44.19	- 1 43.8	1.307	2.164	16.9	19.3
3 2	12 41.60	-10 54.6	1.854	2.741	11.3	19.9	3 2	12 40.59	- 1 19.0	1.227	2.151	12.6	19.0
3 12	12 34.28	-10 26.4	1.802	2.752	7.5	19.7	3 12	12 34.18	- 0 39.7	1.168	2.139	7.7	18.6
3 22	12 25.61	- 9 43.6	1.776	2.762	3.7	19.5	3 22	12 25.71	+ 0 8.6	1.133	2.128	2.4	18.3
4 1	12 16.54	- 8 50.6	1.779	2.772	2.8	19.5	4 1	12 16.42	+ 0 57.8	1.124	2.117	4.0	18.3
4 11	12 8.10	- 7 53.9	1.810	2.782	6.2	19.7	4 11	12 7.78	+ 1 38.9	1.138	2.107	9.5	18.6
4 21	12 1.13	- 7 0.1	1.868	2.791	9.9	19.9	4 21	12 1.03	+ 2 5.1	1.175	2.098	14.6	18.9
5 1	11 56.22	- 6 14.7	1.949	2.800	13.3	20.2	5 1	11 57.08	+ 2 12.0	1.232	2.089	19.0	19.1
<b>330013</b>	2005 <i>UM</i> <sub>55</sub>		3 26.4 137°95'		3°5/23.0 18		<b>78664</b>	2002 <i>TN</i> <sub>89</sub>		3 26.4 132°06'		2°9/30.1 18	
2 21	12 49.03	+ 7 1.1	2.109	2.949	12.0	21.1	2 21	12 42.65	-15 5.9	2.463	3.238	12.5	19.7
3 2	12 42.93	+ 7 37.1	2.044	2.959	8.9	20.9	3 2	12 38.12	-14 46.2	2.380	3.247	9.9	19.5
3 12	12 34.95	+ 8 15.0	2.004	2.968	5.6	20.7	3 12	12 32.03	-14 9.8	2.320	3.256	7.0	19.3
3 22	12 25.79	+ 8 49.2	1.993	2.978	3.6	20.6	3 22	12 24.92	-13 18.5	2.288	3.265	4.1	19.1
4 1	12 16.34	+ 9 14.5	2.011	2.986	5.0	20.7	4 1	12 17.50	-12 16.1	2.284	3.273	3.0	19.1
4 11	12 7.54	+ 9 26.8	2.057	2.995	8.2	20.9	4 11	12 10.53	-11 7.9	2.310	3.281	5.1	19.2
4 21	12 0.14	+ 9 24.2	2.129	3.002	11.3	21.1	4 21	12 4.65	- 9 59.7	2.363	3.289	8.1	19.4
5 1	11 54.70	+ 9 6.5	2.223	3.010	14.0	21.3	5 1	12 0.36	- 8 57.0	2.442	3.296	10.8	19.6
<b>392646</b>	2011 <i>UW</i> <sub>141</sub>		3 26.4 205°15'		1°9/23.8 17		<b>392574</b>	2011 <i>SZ</i> <sub>124</sub>		3 26.4 245°56'		1°7/24.6 17	
2 21	12 41.88	+ 2 42.6	2.921	3.754	9.2	21.8	2 21	12 45.95	+ 2 47.1	2.493	3.325	10.7	20.9
3 2	12 37.32	+ 3 25.3	2.836	3.749	6.8	21.6	3 2	12 40.56	+ 3 2.4	2.405	3.317	7.9	20.7
3 12	12 31.44	+ 4 12.6	2.778	3.744	4.1	21.5	3 12	12 33.53	+ 3 21.8	2.343	3.310	4.8	20.5
3 22	12 24.71	+ 5 0.8	2.749	3.739	2.0	21.3	3 22	12 25.40	+ 3 41.9	2.310	3.302	2.0	20.2
4 1	12 17.69	+ 5 45.7	2.750	3.733	3.2	21.4	4 1	12 16.88	+ 3 58.8	2.307	3.294	3.2	20.3
4 11	12 10.99	+ 6 23.3	2.781	3.727	5.9	21.5	4 11	12 8.76	+ 4 9.0	2.333	3.286	6.4	20.5
4 21	12 5.16	+ 6 50.8	2.839	3.721	8.5	21.7	4 21	12 1.71	+ 4 9.9	2.386	3.278	9.5	20.7
5 1	12 0.63	+ 7 6.4	2.922	3.714	10.8	21.9	5 1	11 56.28	+ 3 59.9	2.463	3.270	12.2	20.9
<b>241392</b>	2008 <i>SA</i> <sub>285</sub>		3 26.4 0°91'		0°2/26.5 18		<b>60867</b>	2000 <i>HD</i> <sub>81</sub>		3 26.4 189°21'		1°3/27.5 18	
2 21	12 41.41	- 6 44.6	1.173	2.028	18.5	20.2	2 21	12 48.33	- 8 11.6	1.743	2.558	15.2	19.5
3 2	12 38.60	- 5 58.0	1.105	2.026	14.0	19.9	3 2	12 43.00	- 7 52.8	1.660	2.558	11.7	19.3
3 12	12 32.94	- 4 47.4	1.057	2.025	8.7	19.6	3 12	12 35.31	- 7 17.1	1.599	2.557	7.5	19.0
3 22	12 25.29	- 3 19.5	1.031	2.025	2.7	19.3	3 22	12 26.00	- 6 27.5	1.564	2.555	3.0	18.7
4 1	12 16.95	- 1 44.8	1.030	2.026	3.4	19.3	4 1	12 16.10	- 5 29.5	1.558	2.553	2.6	18.7
4 11	12 9.44	- 0 16.3	1.053	2.027	9.3	19.7	4 11	12 6.80	- 4 30.7	1.579	2.550	7.1	18.9
4 21	12 3.96	+ 0 55.6	1.099	2.029	14.6	20.0	4 21	11 59.09	- 3 38.0	1.627	2.547	11.4	19.2
5 1	12 1.33	+ 1 44.0	1.163	2.032	19.1	20.2	5 1	11 53.70	- 2 57.1	1.697	2.543	15.1	19.4
<b>385513</b>	2004 <i>GE</i> <sub>54</sub>		3 26.4 275°33'		1°9/24.5 17		<b>268347</b>	2005 <i>SZ</i> <sub>244</sub>		3 26.4 80°47'		0°3/26.7 18	
2 21	12 45.25	+ 2 25.2	2.254	3.090	11.5	21.3	2 21	12 46.11	- 5 42.9	1.770	2.596	14.6	22.0
3 2	12 40.18	+ 2 45.5	2.170	3.085	8.5	21.1	3 2	12 41.04	- 5 12.9	1.709	2.616	10.9	21.8
3 12	12 33.34	+ 3 10.8	2.112	3.079	5.1	20.9	3 12	12 33.92	- 4 29.1	1.672	2.635	6.7	21.6
3 22	12 25.33	+ 3 37.3	2.081	3.073	2.1	20.7	3 22	12 25.52	- 3 35.9	1.661	2.655	2.2	21.4
4 1	12 16.90	+ 4 0.4	2.080	3.068	3.4	20.8	4 1	12 16.82	- 2 39.6	1.679	2.674	2.5	21.4
4 11	12 8.93	+ 4 16.0	2.107	3.062	6.9	21.0	4 11	12 8.88	- 1 47.0	1.724	2.693	6.8	21.7
4 21	12 2.14	+ 4 21.2	2.161	3.056	10.2	21.2	4 21	12 2.50	- 1 3.8	1.795	2.712	10.7	22.0
5 1	11 57.09	+ 4 14.2	2.238	3.051	13.1	21.3	5 1	11 58.24	- 0 33.9	1.889	2.730	14.0	22.3
<b>231992</b>	2001 <i>RK</i> <sub>102</sub>		3 26.4 277°44'		1°3/25.5 17		<b>162772</b>	2000 <i>WX</i> <sub>175</sub>		3 26.4 108°54'		2°5/24.3 18	R
2 21	12 49.65	- 0 50.6	1.451	2.295	16.2	20.9	2 21	12 52.59	+ 3 11.9	1.835	2.669	13.8	19.6
3 2	12 44.64	- 0 34.1	1.356	2.274	12.2	20.6	3 2	12 45.66	+ 3 43.4	1.781	2.694	10.1	19.5
3 12	12 36.70	- 0 5.6	1.284	2.253	7.5	20.2	3 12	12 36.63	+ 4 19.9	1.751	2.717	6.1	19.3
3 22	12 26.52	+ 0 30.3	1.237	2.231	2.4	19.9	3 22	12 26.33	+ 4 55.8	1.749	2.740	2.7	19.1
4 1	12 15.28	+ 1 6.6	1.216	2.209	4.0	19.9	4 1	12 15.82	+ 5 25.3	1.777	2.762	4.3	19.2
4 11	12 4.50	+ 1 35.8	1.221	2.186	9.4	20.2	4 11	12 6.20	+ 5 43.8	1.833	2.784	8.0	19.5
4 21	11 55.53	+ 1 51.6	1.250	2.164	14.6	20.4	4 21	11 58.30	+ 5 48.5	1.915	2.804	11.6	19.8
5 1	11 49.37	+ 1 50.2	1.299	2.141	19.1	20.6	5 1	11 52.65	+ 5 38.7	2.019	2.824	14.6	20.0
<b>52524</b>	1996 <i>PH</i>		3 26.4 313°43'		1°7/27.7 17		<b>100521</b>	1997 <i>BX</i> <sub>5</sub>		3 26.4 102°02'		2°7/2	

EPHEMERIDES

3 26.4

3 26.4

2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$	2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$
<b>521294</b>	2015 <i>JB</i> <sub>16</sub>		3 26.4 306°47'	7°9/4.3	17		<b>230959</b>	2004 <i>XF</i> <sub>135</sub>		3 26.4 28°41'	0°8/27.2	17	
2 21	12 41.79	-27 43.6	2.189	2.898	15.7	21.4	2 21	12 44.89	-6 18.8	1.947	2.769	13.6	20.1
3 2	12 38.08	-28 11.3	2.083	2.883	13.7	21.2	3 2	12 40.19	-6 6.3	1.866	2.769	10.3	19.9
3 12	12 32.33	-28 14.7	1.997	2.867	11.5	21.0	3 12	12 33.49	-5 40.7	1.809	2.769	6.5	19.7
3 22	12 25.10	-27 51.5	1.932	2.853	9.3	20.8	3 22	12 25.45	-5 5.1	1.778	2.770	2.4	19.4
4 1	12 17.23	-27 1.7	1.892	2.838	8.0	20.7	4 1	12 16.95	-4 24.0	1.775	2.770	2.3	19.4
4 11	12 9.70	-25 49.3	1.878	2.823	8.3	20.7	4 11	12 8.98	-3 43.4	1.800	2.771	6.4	19.7
4 21	12 3.41	-24 21.2	1.890	2.809	10.1	20.8	4 21	12 2.36	-3 8.4	1.851	2.771	10.3	19.9
5 1	11 59.08	-22 46.0	1.925	2.795	12.6	20.9	5 1	11 57.72	-2 43.5	1.926	2.771	13.6	20.1
<b>382330</b>	2013 <i>TY</i> <sub>29</sub>		3 26.4 146°82'	0°5/26.9	17		<b>354772</b>	2005 <i>UX</i> <sub>109</sub>		3 26.4 84°25'	1°3/27.4	18	
2 21	12 43.49	-6 43.8	2.140	2.957	12.7	21.4	2 21	12 48.87	-7 25.0	1.364	2.196	17.8	21.3
3 2	12 38.93	-6 7.7	2.061	2.962	9.6	21.2	3 2	12 43.72	-7 11.4	1.302	2.210	13.5	21.1
3 12	12 32.61	-5 18.1	2.006	2.967	6.0	20.9	3 12	12 35.86	-6 38.9	1.261	2.223	8.5	20.8
3 22	12 25.13	-4 18.9	1.978	2.971	2.0	20.7	3 22	12 26.20	-5 51.6	1.244	2.236	3.3	20.5
4 1	12 17.28	-3 15.3	1.980	2.975	2.1	20.7	4 1	12 16.06	-4 56.6	1.254	2.249	2.9	20.5
4 11	12 9.93	-2 13.7	2.010	2.979	6.0	21.0	4 11	12 6.86	-4 2.5	1.289	2.262	8.0	20.9
4 21	12 3.82	-1 19.6	2.068	2.982	9.6	21.2	4 21	11 59.70	-3 17.2	1.349	2.275	12.8	21.2
5 1	11 59.47	-0 37.3	2.149	2.986	12.7	21.4	5 1	11 55.29	-2 46.2	1.429	2.288	16.8	21.5
<b>306657</b>	2000 <i>ST</i> <sub>189</sub>		3 26.4 135°68'	2°1/24.7	18		<b>150790</b>	2001 <i>RM</i> <sub>33</sub>		3 26.4 139°54'	4°5/31.1	18	
2 21	12 51.58	+1 49.3	1.795	2.630	14.0	20.9	2 21	12 48.45	-17 43.4	2.243	2.999	14.1	20.9
3 2	12 45.12	+2 14.6	1.729	2.642	10.3	20.7	3 2	12 42.63	-17 57.9	2.162	3.012	11.5	20.8
3 12	12 36.44	+2 46.6	1.687	2.653	6.2	20.4	3 12	12 34.88	-17 53.9	2.103	3.024	8.5	20.6
3 22	12 26.32	+3 20.2	1.672	2.664	2.4	20.2	3 22	12 25.87	-17 31.7	2.070	3.035	5.7	20.4
4 1	12 15.83	+3 49.5	1.686	2.674	4.0	20.3	4 1	12 16.45	-16 53.6	2.066	3.046	4.5	20.4
4 11	12 6.11	+4 9.2	1.728	2.684	8.0	20.6	4 11	12 7.56	-16 4.4	2.091	3.056	6.1	20.5
4 21	11 58.07	+4 16.1	1.796	2.693	11.9	20.8	4 21	12 0.01	-15 10.2	2.143	3.065	8.9	20.7
5 1	11 52.33	+4 8.7	1.887	2.701	15.1	21.1	5 1	11 54.38	-14 17.4	2.220	3.074	11.8	20.9
<b>358524</b>	2007 <i>SL</i> <sub>2</sub>		3 26.4 232°98'	0°5/25.9	17		<b>162594</b>	2000 <i>SE</i> <sub>61</sub>		3 26.4 159°31'	1°3/25.1	18	
2 21	12 47.26	-3 47.2	1.798	2.627	14.2	21.6	2 21	12 47.93	-1 30.1	1.983	2.812	13.1	21.2
3 2	12 42.22	-3 13.2	1.707	2.616	10.7	21.3	3 2	12 42.31	-0 41.5	1.910	2.820	9.7	21.0
3 12	12 34.88	-2 25.4	1.640	2.605	6.6	21.1	3 12	12 34.71	+0 17.4	1.861	2.827	5.8	20.8
3 22	12 25.90	-1 28.2	1.599	2.593	2.0	20.7	3 22	12 25.82	+1 21.4	1.840	2.834	1.9	20.5
4 1	12 16.27	-0 27.9	1.586	2.580	2.9	20.8	4 1	12 16.54	+2 23.9	1.849	2.839	3.3	20.6
4 11	12 7.12	+0 27.9	1.602	2.567	7.6	21.0	4 11	12 7.87	+3 18.4	1.886	2.844	7.3	20.9
4 21	11 59.44	+1 13.1	1.643	2.553	11.9	21.2	4 21	12 0.62	+4 0.0	1.950	2.848	11.0	21.1
5 1	11 53.99	+1 43.0	1.707	2.539	15.7	21.4	5 1	11 55.39	+4 25.9	2.037	2.851	14.1	21.3
<b>280179</b>	2002 <i>RB</i> <sub>136</sub>		3 26.4 204°50'	2°4/23.7	18		<b>288929</b>	2004 <i>SG</i> <sub>31</sub>		3 26.4 158°03'	0°4/25.9	17	
2 21	12 45.36	+4 9.7	2.456	3.292	10.7	20.6	2 21	12 45.59	-3 11.4	2.437	3.255	11.3	21.8
3 2	12 40.12	+4 44.5	2.374	3.288	7.9	20.4	3 2	12 40.27	-2 40.9	2.358	3.262	8.4	21.6
3 12	12 33.27	+5 23.4	2.318	3.284	4.8	20.2	3 12	12 33.34	-2 1.3	2.305	3.269	5.1	21.4
3 22	12 25.33	+6 1.9	2.291	3.280	2.5	20.1	3 22	12 25.38	-1 16.2	2.281	3.275	1.5	21.2
4 1	12 17.04	+6 35.5	2.293	3.275	3.9	20.1	4 1	12 17.10	-0 30.1	2.287	3.281	2.3	21.2
4 11	12 9.17	+6 59.9	2.324	3.270	6.9	20.3	4 11	12 9.29	+0 12.2	2.323	3.285	5.8	21.5
4 21	12 2.40	+7 12.4	2.382	3.264	9.9	20.5	4 21	12 2.60	+0 46.6	2.386	3.290	9.0	21.7
5 1	11 57.24	+7 11.5	2.464	3.258	12.6	20.7	5 1	11 57.55	+1 10.4	2.474	3.294	11.8	21.9
<b>186653</b>	2003 <i>UP</i> <sub>164</sub>		3 26.4 105°75'	1°6/24.9	18		<b>300911</b>	2008 <i>BG</i> <sub>48</sub>		3 26.4 161°25'	1°3/24.8	17	
2 21	12 47.96	-0 58.0	1.725	2.563	14.4	20.3	2 21	12 42.47	-0 1.3	2.608	3.438	10.3	21.4
3 2	12 42.45	-0 13.4	1.666	2.580	10.6	20.1	3 2	12 37.89	+0 36.0	2.529	3.441	7.6	21.2
3 12	12 34.81	+0 41.5	1.630	2.597	6.3	19.9	3 12	12 31.87	+1 19.9	2.477	3.444	4.5	21.0
3 22	12 25.81	+1 40.7	1.621	2.614	2.1	19.7	3 22	12 24.92	+2 6.6	2.453	3.446	1.6	20.8
4 1	12 16.51	+2 37.0	1.640	2.630	3.6	19.8	4 1	12 17.68	+2 51.6	2.459	3.449	2.8	20.9
4 11	12 8.00	+3 23.7	1.687	2.646	7.9	20.1	4 11	12 10.85	+3 30.6	2.495	3.451	5.9	21.1
4 21	12 1.13	+3 56.3	1.759	2.662	11.7	20.4	4 21	12 5.00	+4 0.1	2.557	3.453	8.8	21.3
5 1	11 56.49	+4 12.2	1.854	2.677	15.0	20.6	5 1	12 0.61	+4 18.1	2.644	3.454	11.4	21.5
<b>146497</b>	2001 <i>SM</i> <sub>28</sub>		3 26.4 212°44'	1°0/25.4	18		<b>365871</b>	2011 <i>UN</i> <sub>285</sub>		3 26.4 215°26'	4°2/19.7	18	
2 21	12 45.57	-1 59.2	1.938	2.771	13.2	20.9	2 21	12 41.47	+11 54.7	3.005	3.849	8.7	21.4
3 2	12 40.71	-1 22.6	1.855	2.767	9.8	20.7	3 2	12 37.05	+13 6.8	2.928	3.841	6.6	21.3
3 12	12 33.82	-0 34.9	1.797	2.763	5.9	20.4	3 12	12 31.33	+14 18.8	2.879	3.832	4.8	21.1
3 22	12 25.54	+0 18.9	1.765	2.759	1.8	20.2	3 22	12 24.75	+15 25.7	2.858	3.823	4.3	21.1
4 1	12 16.78	+1 13.0	1.762	2.754	3.1	20.2	4 1	12 17.88	+16 22.4	2.868	3.814	5.6	21.1
4 11	12 8.53	+2 0.8	1.787	2.749	7.3	20.5	4 11	12 11.32	+17 5.1	2.906	3.804	7.7	21.3
4 21	12 1.65	+2 37.2	1.839	2.744	11.1	20.7	4 21	12 5.61	+17 31.8	2.969	3.794	9.8	21.4
5 1	11 56.77	+2 59.0	1.912	2.738	14.5	20.9	5 1	12 1.18	+17 42.0	3.054	3.783	11.7	21.5
<b>283064</b>	2008 <i>QE</i> <sub>29</sub>		3 26.4 213°95'	3°0/29.2	17		<b>478083</b>	2011 <i>UM</i> <sub>35</sub>		3 26.4 254°09'	2°4/29.4	17	
2 21	12 48.14	-13 18.7	1.878	2.669	15.3	21.4	2 21	12 41.13	-13 7.6	2.455	3.243	12.2	21.6
3 2	12 42.86	-13 2.0	1.781	2.660	12.1	21.2	3 2	12 37.10	-12 47.9	2.361	3.238	9.6	21.4
3 12	12 35.28	-12 24.7	1.707	2.651	8.3	21.0	3 12	12 31.50	-12 12.6	2.290	3.233	6.6	21.2
3 22	12 26.05	-11 28.2	1.659	2.642	4.5	20.7	3 22	12 24.83	-11 23.4	2.246	3.228	3.6	21.0
4 1	12 16.14	-10 17.0	1.638	2.631	3.3	20.6	4 1	12 17.77	-10 23.9	2.231	3.223	2.6	21.0
4 11	12 6.69	-8 58.5	1.647	2.619	6.7	20.8	4 11	12 11.08	-9 19.4	2.245	3.218	5.1	21.1
4 21	11 58.71	-7 41.0	1.682	2.606	10.8	21.0	4 21	12 5.40	-8 15.6	2.287	3.213	8.3	21.3
5 1	11 52.96	-6 32.1	1.741	2.593	14.6	21.2	5 1	12 1.29	-7 17.8	2.353	3.207	11.2	21.5
<b>434961</b>	2006 <i>UO</i> <sub>86</sub>		3 26.4 178°03'	2°4/29.6	18		<b>49437</b>	1998 <i>YY</i> <sub>3</sub>		3 26.4 88°38'	4°5/22.4	18	
2 21	12 41.53	-13 34.6	2.639	3.420	11								

EPHEMERIDES

3 26.4

3 26.4

2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$	2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$
<b>360022</b>	2013 AE <sub>19</sub>		3 26.4 72°30	1.4°/27.4	18		<b>295516</b>	2008 RN <sub>92</sub>		3 26.4 285°79	0.7°/25.7	17	
2 21	12 47.73	- 7 46.5	1.323	2.158	18.0	21.2	2 21	12 43.07	- 3 43.6	1.870	2.704	13.5	21.1
3 2	12 43.00	- 7 31.9	1.259	2.168	13.8	21.0	3 2	12 39.12	- 2 57.5	1.769	2.682	10.2	20.8
3 12	12 35.50	- 6 57.4	1.216	2.178	8.8	20.7	3 12	12 33.05	- 1 56.7	1.692	2.659	6.2	20.5
3 22	12 26.13	- 6 7.0	1.196	2.188	3.4	20.4	3 22	12 25.42	- 0 45.6	1.641	2.635	1.9	20.2
4 1	12 16.22	- 5 7.9	1.203	2.199	2.9	20.4	4 1	12 17.10	+ 0 29.0	1.619	2.612	3.1	20.2
4 11	12 7.23	- 4 9.6	1.235	2.209	8.2	20.7	4 11	12 9.13	+ 1 39.1	1.624	2.588	7.6	20.5
4 21	12 0.29	- 3 20.2	1.291	2.219	13.0	21.0	4 21	12 2.44	+ 2 37.8	1.655	2.565	11.9	20.7
5 1	11 56.14	- 2 45.7	1.367	2.230	17.1	21.3	5 1	11 57.80	+ 3 19.9	1.707	2.541	15.6	20.8
<b>5380</b>	Sprigg		3 26.4 323°79	6°1/31.6	18 R		<b>344052</b>	4121 T- <sub>2</sub>		3 26.4 142°26	1°0/24.9	18	
2 21	12 40.13	-18 31.0	1.453	2.251	18.6	16.6	2 21	12 43.14	- 0 21.1	3.082	3.903	9.1	22.5
3 2	12 37.59	-18 43.7	1.357	2.231	15.4	16.4	3 2	12 38.14	+ 0 14.5	3.009	3.916	6.7	22.4
3 12	12 32.43	-18 28.0	1.279	2.211	11.7	16.1	3 12	12 31.93	+ 0 55.5	2.963	3.928	4.0	22.2
3 22	12 25.28	-17 42.3	1.222	2.192	8.0	15.8	3 22	12 24.96	+ 1 38.9	2.946	3.940	1.3	22.0
4 1	12 17.20	-16 29.2	1.190	2.174	6.1	15.6	4 1	12 17.79	+ 2 20.8	2.961	3.951	2.3	22.1
4 11	12 9.56	-14 56.6	1.182	2.156	8.3	15.7	4 11	12 11.00	+ 2 57.8	3.007	3.962	5.0	22.3
4 21	12 3.60	-13 15.8	1.197	2.140	12.5	15.9	4 21	12 5.08	+ 3 27.1	3.080	3.972	7.6	22.5
5 1	12 0.25	-11 39.1	1.234	2.124	16.7	16.1	5 1	12 0.42	+ 3 46.6	3.178	3.982	9.8	22.7
<b>263201</b>	2008 AU <sub>1</sub>		3 26.4 36°68	2°1/27.9	18		<b>392537</b>	2011 QE <sub>95</sub>		3 26.4 151°14	4°2/19.6	17	
2 21	12 45.26	- 8 51.7	1.308	2.144	18.1	20.0	2 21	12 41.03	+ 9 50.2	2.856	3.701	9.1	21.5
3 2	12 41.15	- 8 47.2	1.248	2.156	13.9	19.7	3 2	12 36.74	+11 28.9	2.793	3.708	6.8	21.4
3 12	12 34.36	- 8 22.0	1.208	2.168	9.0	19.5	3 12	12 31.16	+13 8.8	2.758	3.715	4.8	21.3
3 22	12 25.79	- 7 39.8	1.191	2.181	3.9	19.2	3 22	12 24.75	+14 43.5	2.754	3.722	4.2	21.2
4 1	12 16.72	- 6 47.1	1.199	2.195	3.0	19.2	4 1	12 18.08	+16 7.4	2.780	3.728	5.6	21.3
4 11	12 8.56	- 5 52.8	1.233	2.209	7.9	19.5	4 11	12 11.79	+17 15.7	2.836	3.734	7.8	21.5
4 21	12 2.40	- 5 5.3	1.290	2.223	12.6	19.8	4 21	12 6.41	+18 6.1	2.916	3.740	10.0	21.6
5 1	11 58.93	- 4 30.8	1.367	2.239	16.6	20.1	5 1	12 2.34	+18 37.7	3.019	3.745	11.9	21.8
<b>145513</b>	2006 DY <sub>96</sub>		3 26.4 174°65	0°6/25.7	18		<b>10000</b>	Myriostos		3 26.4 169°68	2°2/23.5	17	
2 21	12 42.97	- 3 43.4	2.137	2.965	12.3	20.5	2 21	12 44.08	+ 0 34.9	2.524	3.354	10.6	20.4
3 2	12 38.59	- 2 56.9	2.057	2.966	9.2	20.3	3 2	12 39.13	+ 1 58.9	2.447	3.359	7.7	20.2
3 12	12 32.46	- 1 58.6	2.001	2.967	5.5	20.1	3 12	12 32.68	+ 3 31.1	2.397	3.364	4.6	20.0
3 22	12 25.16	- 0 53.2	1.973	2.967	1.6	19.8	3 22	12 25.23	+ 5 5.8	2.378	3.368	2.2	19.9
4 1	12 17.48	+ 0 13.5	1.975	2.968	2.6	19.9	4 1	12 17.49	+ 6 36.5	2.389	3.371	3.7	20.0
4 11	12 10.27	+ 1 15.0	2.005	2.968	6.5	20.2	4 11	12 10.17	+ 7 56.8	2.431	3.373	6.8	20.2
4 21	12 4.27	+ 2 6.1	2.061	2.968	10.0	20.4	4 21	12 3.90	+ 9 2.4	2.500	3.375	9.8	20.4
5 1	12 0.03	+ 2 43.2	2.141	2.968	13.1	20.6	5 1	11 59.17	+ 9 50.8	2.593	3.375	12.3	20.5
<b>58491</b>	1996 TG <sub>38</sub>		3 26.4 249°47	1°4/25.3	17		<b>179513</b>	2002 CV <sub>155</sub>		3 26.4 128°36	6°6/4.6	17	
2 21	12 48.71	- 0 48.0	1.780	2.615	14.1	19.9	2 21	12 47.87	-29 16.3	3.106	3.765	12.4	21.6
3 2	12 43.40	- 0 18.5	1.686	2.599	10.6	19.7	3 2	12 41.91	-29 58.0	3.020	3.780	10.8	21.5
3 12	12 35.69	+ 0 21.8	1.615	2.582	6.4	19.4	3 12	12 34.37	-30 21.6	2.956	3.795	9.1	21.4
3 22	12 26.24	+ 1 8.3	1.571	2.565	2.1	19.1	3 22	12 25.77	-30 25.7	2.916	3.810	7.6	21.3
4 1	12 16.04	+ 1 54.7	1.555	2.547	3.6	19.1	4 1	12 16.80	-30 10.4	2.903	3.824	6.7	21.2
4 11	12 6.28	+ 2 34.0	1.567	2.528	8.2	19.4	4 11	12 8.19	-29 38.4	2.918	3.838	6.8	21.3
4 21	11 58.02	+ 3 0.9	1.605	2.509	12.5	19.6	4 21	12 0.62	-28 53.6	2.960	3.851	7.9	21.3
5 1	11 52.05	+ 3 12.0	1.664	2.490	16.3	19.8	5 1	11 54.60	-28 1.5	3.028	3.864	9.4	21.5
<b>217937</b>	2001 TW <sub>106</sub>		3 26.4 143°44	1°5/28.2	18		<b>468932</b>	2015 AG <sub>1</sub>		3 26.4 20°91	7°8/18.6	17	
2 21	12 46.03	-10 0.9	2.499	3.291	11.9	21.5	2 21	12 41.38	+11 35.9	1.392	2.267	14.9	20.1
3 2	12 40.55	- 9 34.7	2.421	3.305	9.1	21.3	3 2	12 38.15	+13 36.6	1.343	2.272	11.4	19.9
3 12	12 33.51	- 8 55.1	2.368	3.318	5.9	21.1	3 12	12 32.48	+15 37.6	1.317	2.277	8.5	19.8
3 22	12 25.46	- 8 4.9	2.343	3.331	2.7	20.9	3 22	12 25.22	+17 25.8	1.317	2.283	8.0	19.8
4 1	12 17.13	- 7 8.0	2.348	3.343	2.0	20.9	4 1	12 17.54	+18 49.5	1.341	2.290	10.3	19.9
4 11	12 9.28	- 6 9.9	2.384	3.354	5.1	21.1	4 11	12 10.68	+19 41.3	1.388	2.297	13.6	20.1
4 21	12 2.57	- 5 15.4	2.448	3.364	8.3	21.4	4 21	12 5.60	+19 59.5	1.456	2.304	16.9	20.3
5 1	11 57.48	- 4 28.8	2.537	3.374	11.0	21.5	5 1	12 2.95	+19 46.2	1.541	2.313	19.7	20.6
<b>298776</b>	2004 PL <sub>8</sub>		3 26.4 204°72	0°4/26.7	17		<b>93339</b>	2000 SM <sub>241</sub>		3 26.4 186°06	1°3/25.3	18	
2 21	12 48.47	- 6 4.4	1.966	2.780	13.8	22.1	2 21	12 50.13	- 0 34.8	1.798	2.630	14.1	19.6
3 2	12 42.93	- 5 33.2	1.875	2.775	10.4	21.8	3 2	12 44.26	- 0 8.8	1.718	2.630	10.5	19.3
3 12	12 35.25	- 4 47.7	1.808	2.769	6.5	21.6	3 12	12 36.08	+ 0 26.8	1.663	2.630	6.3	19.1
3 22	12 26.07	- 3 51.4	1.769	2.761	2.2	21.3	3 22	12 26.35	+ 1 7.2	1.635	2.629	2.1	18.8
4 1	12 16.32	- 2 49.9	1.758	2.753	2.4	21.3	4 1	12 16.08	+ 1 46.4	1.635	2.627	3.4	18.9
4 11	12 7.05	- 1 50.2	1.777	2.744	6.8	21.6	4 11	12 6.44	+ 2 18.3	1.664	2.625	7.8	19.2
4 21	11 59.17	- 0 58.3	1.823	2.734	10.9	21.8	4 21	11 58.38	+ 2 38.4	1.719	2.622	11.9	19.4
5 1	11 53.39	- 0 19.2	1.892	2.724	14.4	22.0	5 1	11 52.60	+ 2 44.1	1.795	2.618	15.4	19.6
<b>404202</b>	2013 CM <sub>138</sub>		3 26.4 330°53	3°7/28.8	18		<b>469213</b>	2016 GP <sub>241</sub>		3 26.4 302°51	7°5/20.3	17	
2 21	12 48.51	-10 21.4	1.314	2.140	18.7	20.8	2 21	12 49.50	+15 0.6	1.641	2.496	14.1	20.8
3 2	12 43.94	-10 53.4	1.235	2.135	14.7	20.5	3 2	12 44.26	+15 52.9	1.555	2.470	11.1	20.5
3 12	12 36.34	-11 6.0	1.176	2.130	10.1	20.2	3 12	12 36.35	+16 41.8	1.492	2.445	8.5	20.3
3 22	12 26.50	-10 59.1	1.139	2.125	5.4	20.0	3 22	12 26.50	+17 18.3	1.454	2.419	7.6	20.2
4 1	12 15.74	-10 35.9	1.128	2.121	4.2	19.9	4 1	12 15.84	+17 33.8	1.442	2.394	9.4	20.2
4 11	12 5.67	-10 3.2	1.141	2.117	8.5	20.1	4 11	12 5.70	+17 23.1	1.455	2.369	12.7	20.3
4 21	11 57.66	- 9 29.3	1.178	2.113	13.4	20.4	4 21	11 57.28	+16 44.9	1.490	2.344	16.3	20.5
5 1	11 52.64	- 9 2.0	1.235	2.110	17.8	20.6	5 1	11 51.42	+15 41.5	1.544	2.319	19.6	20.7
<b>39699</b>	Ernestocorte		3 26.4 203°89	0°2/26.2	17		<b>61575</b>	2000 QW <sub>79</sub>		3 26.4 144°43	1°1/25.1	18	
2 21	12 47.01	- 4 56.8	2.063	2.882	13.1	20.1	2 21</						

EPHEMERIDES

3 26.4

3 26.4

2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$	2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$
<b>117982</b>	2134 T <sub>-1</sub>		3 26.4 311°24	1°5/25.3	18	R	<b>419683</b>	2010 UV		3 26.4 263°09	0°5/26.9	17	
2 21	12 47.34	- 0 22.4	1.491	2.338	15.7	19.8	2 21	12 46.97	- 5 56.5	1.780	2.604	14.6	22.0
3 2	12 42.64	- 0 2.6	1.412	2.332	11.7	19.5	3 2	12 42.19	- 5 35.3	1.680	2.584	11.2	21.8
3 12	12 35.32	+ 0 27.9	1.356	2.325	7.1	19.2	3 12	12 35.03	- 4 58.7	1.602	2.564	7.0	21.5
3 22	12 26.16	+ 1 4.0	1.325	2.319	2.3	18.9	3 22	12 26.10	- 4 9.9	1.551	2.544	2.4	21.1
4 1	12 16.31	+ 1 39.0	1.321	2.313	3.8	19.0	4 1	12 16.38	- 3 14.3	1.528	2.523	2.6	21.1
4 11	12 7.13	+ 2 5.7	1.342	2.307	8.8	19.3	4 11	12 7.03	- 2 19.3	1.532	2.501	7.4	21.4
4 21	11 59.72	+ 2 19.2	1.388	2.302	13.4	19.5	4 21	11 59.11	- 1 31.6	1.562	2.480	11.9	21.6
5 1	11 54.89	+ 2 16.3	1.454	2.297	17.4	19.7	5 1	11 53.45	- 0 56.8	1.614	2.457	15.9	21.8
<b>463332</b>	2012 KC <sub>49</sub>		3 26.4 308°25	3°5/23.3	16		<b>252898</b>	2002 JO <sub>112</sub>		3 26.4 288°47	4°0/29.6	17	
2 21	12 44.16	+ 3 42.7	1.625	2.481	14.2	21.4	2 21	12 45.36	- 13 41.3	1.598	2.402	16.9	21.0
3 2	12 40.09	+ 4 35.0	1.544	2.469	10.5	21.2	3 2	12 41.40	- 13 45.2	1.491	2.376	13.6	20.7
3 12	12 33.69	+ 5 35.5	1.488	2.457	6.5	20.9	3 12	12 34.78	- 13 26.7	1.404	2.350	9.7	20.4
3 22	12 25.64	+ 6 36.9	1.457	2.446	3.6	20.7	3 22	12 26.09	- 12 45.5	1.341	2.323	5.6	20.1
4 1	12 16.97	+ 7 31.1	1.452	2.435	5.5	20.8	4 1	12 16.34	- 11 44.6	1.305	2.296	4.2	20.0
4 11	12 8.85	+ 8 10.7	1.474	2.424	9.7	21.0	4 11	12 6.89	- 10 31.4	1.294	2.269	7.8	20.1
4 21	12 2.31	+ 8 31.0	1.519	2.414	13.7	21.2	4 21	11 58.97	- 9 15.4	1.308	2.242	12.5	20.3
5 1	11 58.05	+ 8 30.1	1.585	2.404	17.3	21.4	5 1	11 53.59	- 8 6.1	1.344	2.214	16.9	20.5
<b>55386</b>	2001 SY <sub>271</sub>		3 26.4 124°72	0°1/26.5	18		<b>430159</b>	2013 TO <sub>73</sub>		3 26.4 202°78	3°6/30.7	17	
2 21	12 42.99	- 4 57.2	2.544	3.360	11.0	19.6	2 21	12 43.97	- 17 7.1	2.378	3.143	13.2	21.8
3 2	12 38.31	- 4 27.0	2.469	3.371	8.2	19.5	3 2	12 39.33	- 16 47.5	2.280	3.139	10.6	21.6
3 12	12 32.16	- 3 47.0	2.419	3.381	5.0	19.3	3 12	12 32.95	- 16 8.9	2.205	3.134	7.7	21.4
3 22	12 25.08	- 3 0.6	2.398	3.391	1.6	19.1	3 22	12 25.38	- 15 12.3	2.157	3.129	4.8	21.3
4 1	12 17.73	- 2 11.9	2.406	3.401	1.9	19.1	4 1	12 17.37	- 14 1.1	2.137	3.123	3.6	21.2
4 11	12 10.82	- 1 25.8	2.444	3.410	5.3	19.3	4 11	12 9.75	- 12 41.3	2.146	3.117	5.5	21.3
4 21	12 4.95	- 0 46.2	2.509	3.419	8.4	19.5	4 21	12 3.25	- 11 19.4	2.184	3.110	8.6	21.4
5 1	12 0.58	- 0 16.2	2.600	3.428	11.0	19.7	5 1	11 58.46	- 10 2.2	2.247	3.102	11.6	21.6
<b>124615</b>	2001 SW <sub>46</sub>		3 26.4 100°85	2°5/24.6	18		<b>443720</b>	2015 LF <sub>1</sub>		3 26.4 288°51	5°2/19.5	17	
2 21	12 50.83	+ 1 57.0	1.439	2.288	16.1	19.7	2 21	12 40.65	+ 10 26.4	2.236	3.092	10.8	21.2
3 2	12 45.08	+ 2 26.4	1.378	2.298	11.9	19.4	3 2	12 36.94	+ 11 59.4	2.156	3.076	8.2	21.0
3 12	12 36.67	+ 3 4.0	1.338	2.307	7.2	19.2	3 12	12 31.53	+ 13 35.1	2.102	3.060	5.9	20.8
3 22	12 26.53	+ 3 43.3	1.325	2.317	2.9	18.9	3 22	12 24.95	+ 15 5.8	2.076	3.045	5.3	20.7
4 1	12 15.93	+ 4 17.0	1.338	2.327	4.7	19.1	4 1	12 17.93	+ 16 24.1	2.078	3.029	7.0	20.8
4 11	12 6.26	+ 4 38.5	1.377	2.336	9.3	19.4	4 11	12 11.27	+ 17 23.7	2.107	3.013	9.8	21.0
4 21	11 58.59	+ 4 43.9	1.440	2.345	13.7	19.6	4 21	12 5.71	+ 18 1.5	2.160	2.997	12.5	21.1
5 1	11 53.61	+ 4 31.8	1.524	2.354	17.4	19.9	5 1	12 1.82	+ 18 16.6	2.233	2.982	15.0	21.3
<b>156215</b>	2001 UK <sub>72</sub>		3 26.4 114°94	4°3/21.4	18		<b>327379</b>	2005 UP <sub>343</sub>		3 26.4 114°43	7°3/18.4	18	
2 21	12 45.68	+ 7 15.6	2.122	2.968	11.7	21.3	2 21	12 47.20	+ 17 13.4	2.023	2.871	12.1	20.7
3 2	12 40.44	+ 8 40.7	2.071	2.989	8.6	21.1	3 2	12 41.71	+ 18 37.9	1.979	2.886	9.6	20.6
3 12	12 33.48	+ 10 8.1	2.046	3.009	5.7	21.0	3 12	12 34.32	+ 19 56.0	1.960	2.900	7.7	20.5
3 22	12 25.48	+ 11 30.4	2.049	3.028	4.3	20.9	3 22	12 25.77	+ 20 59.6	1.967	2.915	7.4	20.5
4 1	12 17.26	+ 12 40.6	2.082	3.047	5.9	21.1	4 1	12 16.99	+ 21 42.3	2.002	2.928	8.9	20.6
4 11	12 9.68	+ 13 33.3	2.143	3.065	8.8	21.3	4 11	12 8.94	+ 22 0.6	2.063	2.942	11.2	20.8
4 21	12 3.43	+ 14 6.1	2.228	3.082	11.6	21.5	4 21	12 2.38	+ 21 54.5	2.146	2.955	13.6	21.0
5 1	11 59.00	+ 14 18.7	2.335	3.099	14.0	21.7	5 1	11 57.80	+ 21 26.2	2.248	2.967	15.7	21.2
<b>273978</b>	2007 LJ <sub>15</sub>		3 26.4 297°58	1°1/27.7	17		<b>93138</b>	2000 SK <sub>71</sub>		3 26.4 163°95	1°5/25.1	17	
2 21	12 40.79	- 10 1.9	1.841	2.659	14.4	21.1	2 21	12 49.86	+ 1 30.4	2.137	2.966	12.3	20.3
3 2	12 37.37	- 9 9.3	1.749	2.649	11.1	20.8	3 2	12 43.68	+ 1 42.8	2.060	2.969	9.1	20.1
3 12	12 31.93	- 7 56.0	1.681	2.639	7.1	20.6	3 12	12 35.57	+ 2 0.7	2.007	2.973	5.5	19.9
3 22	12 25.08	- 6 26.1	1.638	2.629	2.9	20.3	3 22	12 26.19	+ 2 20.4	1.983	2.976	2.0	19.7
4 1	12 17.68	- 4 46.5	1.623	2.619	2.3	20.2	4 1	12 16.42	+ 2 37.5	1.988	2.978	3.2	19.8
4 11	12 10.75	- 3 6.5	1.637	2.609	6.7	20.5	4 11	12 7.21	+ 2 48.0	2.023	2.980	6.9	20.0
4 21	12 5.13	- 1 34.7	1.676	2.600	10.9	20.7	4 21	11 59.36	+ 2 48.9	2.085	2.982	10.4	20.2
5 1	12 1.51	- 0 18.1	1.739	2.591	14.6	20.9	5 1	11 53.46	+ 2 38.6	2.170	2.984	13.4	20.4
<b>31032</b>	Scheidemann		3 26.4 22°96	1°3/25.5	18		<b>230843</b>	2004 QG <sub>25</sub>		3 26.4 99°95	6°5/2.5	15	
2 21	12 45.30	- 2 11.3	1.180	2.040	18.1	18.6	2 21	12 47.08	- 23 26.5	2.111	2.842	15.6	21.2
3 2	12 41.47	- 1 40.6	1.119	2.045	13.5	18.4	3 2	12 41.80	- 23 50.9	2.036	2.859	13.1	21.1
3 12	12 34.71	- 0 54.1	1.079	2.050	8.1	18.1	3 12	12 34.50	- 23 52.3	1.982	2.876	10.4	20.9
3 22	12 25.97	+ 0 1.2	1.061	2.056	2.5	17.8	3 22	12 25.87	- 23 30.1	1.951	2.893	7.9	20.8
4 1	12 16.63	+ 0 56.2	1.068	2.062	4.1	17.9	4 1	12 16.83	- 22 45.9	1.947	2.909	6.5	20.8
4 11	12 8.24	+ 1 41.3	1.100	2.069	9.6	18.2	4 11	12 8.39	- 21 45.1	1.970	2.925	7.3	20.8
4 21	12 2.00	+ 2 9.7	1.153	2.077	14.7	18.5	4 21	12 1.39	- 20 34.8	2.020	2.941	9.5	21.0
5 1	11 58.65	+ 2 17.9	1.225	2.086	18.9	18.8	5 1	11 56.43	- 19 22.8	2.094	2.956	12.0	21.2
<b>521107</b>	2015 DF <sub>245</sub>		3 26.4 293°29	4°9/21.2	17		<b>203825</b>	2002 TT <sub>358</sub>		3 26.4 89°32	0°6/25.8	17	
2 21	12 45.04	+ 11 21.9	2.188	3.037	11.3	21.4	2 21	12 43.03	- 3 24.0	2.101	2.931	12.4	21.1
3 2	12 40.10	+ 12 9.7	2.117	3.033	8.5	21.2	3 2	12 38.65	- 2 45.9	2.027	2.937	9.2	20.9
3 12	12 33.38	+ 12 56.5	2.071	3.030	6.0	21.1	3 12	12 32.52	- 1 56.9	1.977	2.943	5.6	20.7
3 22	12 25.49	+ 13 36.5	2.052	3.026	4.9	21.0	3 22	12 25.24	- 1 1.4	1.955	2.949	1.7	20.4
4 1	12 17.23	+ 14 3.9	2.062	3.022	6.4	21.1	4 1	12 17.62	- 0 5.0	1.962	2.955	2.6	20.5
4 11	12 9.49	+ 14 14.9	2.099	3.018	9.1	21.2	4 11	12 10.51	+ 0 46.4	1.997	2.961	6.4	20.7
4 21	12 3.00	+ 14 8.0	2.160	3.015	11.9	21.4	4 21	12 4.64	+ 1 28.0	2.058	2.967	9.9	21.0
5 1	11 58.31	+ 13 43.2	2.242	3.011	14.4	21.6	5 1	12 0.54	+ 1 56.4	2.142	2.973	13.0	21.2
<b>324460</b>	2006 UJ <sub>16</sub>		3 26.4 148°22	7°7/19.8	18		<b>31159</b>	1997 WB <sub>6</sub>		3 26.4 26°45	3°5/23.8	18	
2 21	12 50.30	+											

EPHEMERIDES

3 26.4

3 26.5

2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$	2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$
<b>4385</b>	Elsässer		3 26.4 170°58	0°2/26.2	18	R	<b>406537</b>	2007 VP <sub>325</sub>		3 26.4 116°52	0°5/26.9	18	
2 21	12 42.35	- 3 51.8	2.920	3.734	9.7	18.8	2 21	12 48.60	- 5 32.4	1.676	2.501	15.3	22.2
3 2	12 37.72	- 3 21.6	2.835	3.737	7.2	18.7	3 2	12 43.19	- 5 15.5	1.606	2.511	11.5	21.9
3 12	12 31.78	- 2 43.3	2.778	3.740	4.4	18.5	3 12	12 35.47	- 4 44.5	1.559	2.521	7.2	21.7
3 22	12 25.00	- 1 59.8	2.748	3.742	1.3	18.2	3 22	12 26.22	- 4 3.0	1.538	2.531	2.4	21.4
4 1	12 17.95	- 1 14.8	2.750	3.744	1.8	18.3	4 1	12 16.52	- 3 17.0	1.545	2.540	2.6	21.4
4 11	12 11.25	- 0 32.4	2.782	3.746	4.9	18.5	4 11	12 7.55	- 2 33.3	1.579	2.549	7.2	21.8
4 21	12 5.42	+ 0 3.9	2.842	3.747	7.7	18.7	4 21	12 0.26	- 1 57.8	1.639	2.558	11.4	22.0
5 1	12 0.90	+ 0 31.5	2.927	3.747	10.1	18.9	5 1	11 55.31	- 1 34.7	1.721	2.566	15.0	22.3
<b>158534</b>	2002 GO <sub>73</sub>		3 26.4 224°86	3°2/23.2	18		<b>159674</b>	2002 GO <sub>152</sub>		3 26.4 5°14	6°2/20.2	18	
2 21	12 45.18	+ 4 37.2	2.000	2.845	12.3	20.0	2 21	12 43.85	+ 11 15.1	1.710	2.572	13.3	19.4
3 2	12 40.38	+ 5 24.7	1.924	2.843	9.1	19.8	3 2	12 39.65	+ 12 34.5	1.649	2.572	10.1	19.2
3 12	12 33.65	+ 6 17.4	1.872	2.840	5.6	19.6	3 12	12 33.31	+ 13 53.9	1.612	2.572	7.2	19.0
3 22	12 25.63	+ 7 9.3	1.849	2.837	3.2	19.4	3 22	12 25.54	+ 15 4.5	1.602	2.573	6.3	19.0
4 1	12 17.17	+ 7 54.1	1.853	2.833	4.9	19.5	4 1	12 17.36	+ 15 57.8	1.617	2.574	8.1	19.1
4 11	12 9.25	+ 8 26.3	1.885	2.830	8.3	19.7	4 11	12 9.85	+ 16 28.1	1.658	2.575	11.2	19.2
4 21	12 2.65	+ 8 42.7	1.943	2.827	11.7	19.9	4 21	12 3.88	+ 16 33.4	1.721	2.576	14.4	19.4
5 1	11 57.99	+ 8 41.7	2.022	2.823	14.7	20.1	5 1	12 0.07	+ 16 14.6	1.803	2.578	17.2	19.6
<b>335824</b>	2007 KN <sub>7</sub>		3 26.4 328°88	8°2/ 2.9	17		<b>303254</b>	2004 RE <sub>43</sub>		3 26.4 184°16	0°1/26.5	18	
2 21	12 39.96	- 23 46.5	1.546	2.312	19.0	19.7	2 21	12 47.66	- 5 43.8	1.843	2.664	14.3	22.0
3 2	12 37.42	- 24 12.6	1.449	2.295	16.3	19.5	3 2	12 42.42	- 5 3.0	1.761	2.665	10.8	21.7
3 12	12 32.34	- 24 8.5	1.371	2.278	13.2	19.2	3 12	12 34.99	- 4 7.0	1.702	2.665	6.6	21.5
3 22	12 25.33	- 23 31.1	1.313	2.263	10.1	19.0	3 22	12 26.09	- 3 0.2	1.671	2.664	2.1	21.2
4 1	12 17.46	- 22 21.1	1.279	2.248	8.2	18.9	4 1	12 16.66	- 1 49.3	1.668	2.663	2.6	21.2
4 11	12 10.04	- 20 45.1	1.268	2.234	9.1	18.9	4 11	12 7.81	- 0 42.0	1.694	2.660	7.1	21.5
4 21	12 4.26	- 18 54.1	1.281	2.221	12.2	19.0	4 21	12 0.44	+ 0 15.2	1.746	2.658	11.3	21.7
5 1	12 1.03	- 17 0.6	1.317	2.209	15.8	19.2	5 1	11 55.24	+ 0 57.4	1.820	2.654	14.8	21.9
<b>413475</b>	2005 GP <sub>161</sub>		3 26.4 307°42	4°5/22.5	17		<b>342366</b>	2008 TZ <sub>188</sub>		3 26.4 195°93	2°9/29.6	17	
2 21	12 43.86	+ 4 33.7	1.464	2.327	15.0	20.4	2 21	12 44.41	- 13 32.5	2.248	3.033	13.2	21.3
3 2	12 40.10	+ 5 45.9	1.389	2.317	11.1	20.1	3 2	12 39.73	- 13 25.5	2.157	3.032	10.5	21.1
3 12	12 33.81	+ 7 7.4	1.337	2.306	7.0	19.9	3 12	12 33.25	- 13 1.9	2.090	3.030	7.3	20.9
3 22	12 25.75	+ 8 29.0	1.309	2.296	4.5	19.7	3 22	12 25.53	- 12 23.1	2.048	3.028	4.2	20.7
4 1	12 17.01	+ 9 40.4	1.308	2.286	6.7	19.8	4 1	12 17.37	- 11 32.4	2.035	3.026	3.1	20.7
4 11	12 8.91	+ 10 32.7	1.332	2.277	11.0	20.0	4 11	12 9.62	- 10 35.4	2.051	3.023	5.6	20.8
4 21	12 2.52	+ 11 0.7	1.378	2.268	15.2	20.2	4 21	12 3.06	- 9 37.8	2.095	3.020	8.9	21.0
5 1	11 58.62	+ 11 3.0	1.443	2.259	18.9	20.4	5 1	11 58.26	- 8 45.5	2.163	3.017	12.0	21.2
<b>406085</b>	2006 UL <sub>180</sub>		3 26.4 119°28	6°7/20.2	18		<b>110857</b>	2001 UQ <sub>79</sub>		3 26.4 241°14	0°9/25.4	17	
2 21	12 50.73	+ 15 14.7	1.910	2.755	12.9	21.2	2 21	12 43.14	- 1 39.2	2.548	3.373	10.7	20.7
3 2	12 44.38	+ 16 17.4	1.860	2.770	10.0	21.0	3 2	12 38.58	- 1 4.5	2.453	3.361	7.9	20.5
3 12	12 35.97	+ 17 14.9	1.836	2.785	7.5	20.9	3 12	12 32.46	- 0 21.4	2.384	3.349	4.8	20.3
3 22	12 26.31	+ 17 59.4	1.839	2.799	6.8	20.9	3 22	12 25.28	+ 0 26.5	2.343	3.337	1.5	20.1
4 1	12 16.42	+ 18 24.7	1.869	2.813	8.2	21.0	4 1	12 17.68	+ 1 14.7	2.332	3.324	2.5	20.1
4 11	12 7.36	+ 18 27.5	1.926	2.826	10.8	21.2	4 11	12 10.42	+ 1 58.3	2.351	3.311	5.9	20.3
4 21	11 59.94	+ 18 8.0	2.006	2.839	13.5	21.4	4 21	12 4.13	+ 2 33.5	2.397	3.297	9.1	20.5
5 1	11 54.71	+ 17 28.3	2.106	2.851	15.9	21.6	5 1	11 59.34	+ 2 57.3	2.467	3.283	11.9	20.7
<b>133162</b>	2003 QP <sub>32</sub>		3 26.4 212°97	0°8/27.2	17		<b>74964</b>	1999 TA <sub>205</sub>		3 26.5 279°02	1°4/27.6	17	
2 21	12 44.71	- 6 45.3	2.155	2.969	12.7	20.4	2 21	12 46.27	- 7 53.3	1.636	2.460	15.7	19.6
3 2	12 39.97	- 6 25.9	2.067	2.966	9.7	20.2	3 2	12 41.89	- 7 41.8	1.538	2.440	12.1	19.3
3 12	12 33.39	- 5 53.6	2.003	2.963	6.1	19.9	3 12	12 34.99	- 7 12.6	1.461	2.420	7.9	19.0
3 22	12 25.56	- 5 11.5	1.967	2.959	2.3	19.7	3 22	12 26.18	- 6 28.3	1.409	2.400	3.2	18.7
4 1	12 17.27	- 4 24.0	1.959	2.955	2.1	19.7	4 1	12 16.49	- 5 33.7	1.385	2.380	2.7	18.6
4 11	12 9.42	- 3 36.7	1.981	2.950	6.0	19.9	4 11	12 7.20	- 4 36.7	1.387	2.360	7.6	18.8
4 21	12 2.79	- 2 54.8	2.029	2.946	9.6	20.1	4 21	11 59.45	- 3 44.8	1.414	2.339	12.4	19.0
5 1	11 57.96	- 2 22.5	2.101	2.941	12.8	20.3	5 1	11 54.12	- 3 4.9	1.462	2.319	16.6	19.2
<b>144944</b>	2005 EY <sub>26</sub>		3 26.4 303°65	0°1/26.4	17		<b>332658</b>	2008 VD <sub>75</sub>		3 26.5 204°39	3°9/21.4	18	
2 21	12 44.96	- 4 23.6	1.452	2.296	16.3	20.4	2 21	12 44.53	+ 8 52.1	2.580	3.421	10.0	21.6
3 2	12 41.08	- 4 2.3	1.364	2.280	12.3	20.1	3 2	12 39.54	+ 9 55.4	2.501	3.416	7.5	21.4
3 12	12 34.53	- 3 24.7	1.297	2.264	7.7	19.8	3 12	12 33.00	+ 11 0.6	2.449	3.410	5.1	21.2
3 22	12 26.01	- 2 35.0	1.255	2.249	2.4	19.4	3 22	12 25.43	+ 12 1.9	2.427	3.403	3.9	21.1
4 1	12 16.65	- 1 40.1	1.239	2.234	3.1	19.4	4 1	12 17.52	+ 12 53.9	2.434	3.396	5.3	21.2
4 11	12 7.80	- 0 48.5	1.248	2.219	8.5	19.7	4 11	12 10.00	+ 13 32.1	2.469	3.389	7.9	21.4
4 21	12 0.67	- 0 7.8	1.281	2.205	13.5	19.9	4 21	12 3.50	+ 13 54.2	2.531	3.380	10.5	21.5
5 1	11 56.15	+ 0 16.4	1.334	2.191	17.9	20.2	5 1	11 58.54	+ 13 59.3	2.614	3.372	12.9	21.7
<b>385495</b>	2004 CX <sub>95</sub>		3 26.4 338°42	5°7/19.6	17		<b>312138</b>	2007 TD <sub>297</sub>		3 26.5 181°05	1°5/24.8	17	
2 21	12 38.42	+ 7 52.2	1.728	2.596	12.8	19.5	2 21	12 47.41	- 1 0.8	2.205	3.031	12.1	22.2
3 2	12 35.68	+ 9 45.1	1.657	2.586	9.6	19.3	3 2	12 41.87	- 0 7.0	2.124	3.033	8.9	21.9
3 12	12 30.94	+ 11 44.3	1.610	2.576	6.6	19.1	3 12	12 34.50	+ 0 56.5	2.068	3.034	5.3	21.7
3 22	12 24.82	+ 13 39.7	1.591	2.566	5.8	19.0	3 22	12 25.92	+ 2 4.6	2.041	3.034	1.9	21.5
4 1	12 18.20	+ 15 20.5	1.599	2.558	8.0	19.1	4 1	12 16.93	+ 3 11.1	2.044	3.033	3.3	21.6
4 11	12 12.09	+ 16 38.3	1.632	2.550	11.3	19.3	4 11	12 8.43	+ 4 9.8	2.077	3.032	7.0	21.8
4 21	12 7.34	+ 17 28.4	1.687	2.543	14.6	19.5	4 21	12 1.18	+ 4 56.0	2.137	3.029	10.4	22.0
5 1	12 4.59	+ 17 50.1	1.761	2.536	17.5	19.7	5 1	11 55.76	+ 5 26.9	2.220	3.025	13.4	22.2
<b>289941</b>	2005 NB <sub>44</sub>		3 26.4 231°53	1°0/27.7	17		<b>497811</b>	2006 TW <sub>73</sub>		3 26.5 101°50	1°5/24.4	17	
2 21	12												



EPHEMERIDES

3 26.5

3 26.5

2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$	2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$
<b>196691</b>	2003 <i>SO</i> <sub>70</sub>		3 26.5 222°12		3°1/23.2 18		<b>109227</b>	2001 <i>QB</i> <sub>92</sub>		3 26.5 153°89		3°8/21.6 18	
2 21	12 46.49	+ 5 43.2	2.327	3.165	11.1	20.6	2 21	12 42.14	+ 6 53.3	2.373	3.220	10.6	20.1
3 2	12 41.16	+ 6 23.0	2.242	3.157	8.2	20.4	3 2	12 37.84	+ 8 8.2	2.305	3.224	7.8	19.9
3 12	12 34.07	+ 7 6.4	2.183	3.148	5.2	20.2	3 12	12 31.99	+ 9 26.4	2.263	3.227	5.1	19.7
3 22	12 25.79	+ 7 48.2	2.153	3.140	3.1	20.1	3 22	12 25.14	+10 41.6	2.250	3.231	3.8	19.7
4 1	12 17.09	+ 8 23.4	2.152	3.130	4.5	20.1	4 1	12 17.99	+11 47.6	2.266	3.234	5.3	19.8
4 11	12 8.81	+ 8 47.4	2.180	3.120	7.6	20.3	4 11	12 11.29	+12 39.2	2.310	3.236	8.0	19.9
4 21	12 1.69	+ 8 57.4	2.234	3.110	10.7	20.5	4 21	12 5.67	+13 13.6	2.380	3.239	10.8	20.1
5 1	11 56.30	+ 8 52.3	2.311	3.099	13.5	20.7	5 1	12 1.62	+13 29.7	2.471	3.241	13.2	20.3
<b>495128</b>	2011 <i>WL</i> <sub>122</sub>		3 26.5 216°09		0°2/26.6 17		<b>354762</b>	2005 <i>UW</i> <sub>67</sub>		3 26.5 142°78		2°0/24.6 18	
2 21	12 48.77	- 5 1.7	1.750	2.574	14.8	22.7	2 21	12 49.45	- 0 26.5	1.731	2.566	14.4	21.9
3 2	12 43.44	- 4 39.3	1.662	2.568	11.2	22.4	3 2	12 43.71	+ 0 30.9	1.665	2.579	10.6	21.6
3 12	12 35.75	- 4 2.7	1.598	2.561	7.0	22.2	3 12	12 35.75	+ 1 39.1	1.623	2.591	6.3	21.4
3 22	12 26.37	- 3 15.5	1.560	2.554	2.3	21.9	3 22	12 26.34	+ 2 51.3	1.609	2.602	2.4	21.2
4 1	12 16.34	- 2 23.5	1.551	2.546	2.7	21.9	4 1	12 16.54	+ 3 59.7	1.623	2.612	4.1	21.3
4 11	12 6.85	- 1 34.0	1.569	2.537	7.4	22.1	4 11	12 7.50	+ 4 56.8	1.665	2.621	8.3	21.6
4 21	11 58.91	- 0 53.1	1.613	2.528	11.8	22.4	4 21	12 0.11	+ 5 37.6	1.733	2.629	12.2	21.8
5 1	11 53.28	- 0 25.7	1.679	2.518	15.6	22.6	5 1	11 55.00	+ 5 59.6	1.823	2.637	15.6	22.1
<b>358374</b>	2006 <i>XS</i> <sub>36</sub>		3 26.5 216°98		1°9/27.9 18		<b>105276</b>	2000 <i>QO</i> <sub>30</sub>		3 26.5 145°38		2°7/29.9 18	
2 21	12 49.58	- 9 24.5	1.611	2.425	16.4	21.2	2 21	12 43.65	-13 48.4	2.740	3.514	11.4	19.7
3 2	12 44.31	- 9 10.8	1.522	2.418	12.7	21.0	3 2	12 38.83	-13 46.5	2.653	3.520	9.0	19.6
3 12	12 36.41	- 8 37.7	1.454	2.410	8.3	20.7	3 12	12 32.55	-13 31.1	2.591	3.527	6.3	19.4
3 22	12 26.61	- 7 47.7	1.412	2.401	3.7	20.4	3 22	12 25.32	-13 3.4	2.556	3.533	3.7	19.2
4 1	12 16.03	- 6 46.1	1.397	2.392	2.9	20.3	4 1	12 17.77	-12 26.0	2.550	3.539	2.8	19.2
4 11	12 6.00	- 5 41.2	1.410	2.382	7.6	20.6	4 11	12 10.60	-11 42.9	2.574	3.545	4.8	19.3
4 21	11 57.67	- 4 41.2	1.448	2.372	12.3	20.8	4 21	12 4.40	-10 58.6	2.627	3.550	7.5	19.5
5 1	11 51.89	- 3 53.1	1.508	2.360	16.4	21.0	5 1	11 59.66	-10 17.3	2.705	3.555	10.0	19.7
<b>110510</b>	2001 <i>TE</i> <sub>75</sub>		3 26.5 112°82		0°1/26.6 18		<b>497419</b>	2005 <i>WF</i> <sub>126</sub>		3 26.5 180°28		1°7/24.6 17	
2 21	12 45.40	- 5 29.4	1.893	2.717	13.8	19.7	2 21	12 46.40	+ 0 43.3	2.317	3.147	11.4	23.1
3 2	12 40.58	- 4 54.1	1.822	2.728	10.4	19.5	3 2	12 41.05	+ 1 24.3	2.237	3.148	8.4	22.9
3 12	12 33.79	- 4 5.2	1.775	2.738	6.4	19.3	3 12	12 33.98	+ 2 12.6	2.183	3.149	5.1	22.7
3 22	12 25.70	- 3 7.1	1.754	2.748	2.0	19.1	3 22	12 25.78	+ 3 3.5	2.157	3.149	2.0	22.5
4 1	12 17.25	- 2 5.8	1.763	2.758	2.4	19.1	4 1	12 17.22	+ 3 51.8	2.161	3.149	3.3	22.6
4 11	12 9.42	- 1 8.4	1.799	2.767	6.7	19.4	4 11	12 9.12	+ 4 32.3	2.194	3.148	6.7	22.8
4 21	12 3.01	- 0 20.3	1.861	2.776	10.5	19.6	4 21	12 2.19	+ 5 1.5	2.255	3.146	10.0	23.0
5 1	11 58.61	+ 0 14.3	1.947	2.785	13.8	19.9	5 1	11 56.98	+ 5 17.0	2.338	3.144	12.8	23.2
<b>336218</b>	2008 <i>SH</i> <sub>56</sub>		3 26.5 358°82		0°1/26.5 17		<b>174642</b>	2003 <i>SL</i> <sub>142</sub>		3 26.5 164°39		1°7/24.8 18	
2 21	12 41.19	- 6 37.9	1.822	2.652	14.0	20.6	2 21	12 47.76	- 0 24.1	2.001	2.832	12.9	20.8
3 2	12 37.62	- 5 41.4	1.742	2.651	10.5	20.4	3 2	12 42.27	+ 0 23.1	1.926	2.838	9.5	20.6
3 12	12 32.08	- 4 27.8	1.686	2.651	6.5	20.1	3 12	12 34.81	+ 1 19.7	1.876	2.843	5.7	20.4
3 22	12 25.20	- 3 2.5	1.657	2.651	2.0	19.9	3 22	12 26.05	+ 2 20.3	1.854	2.847	2.1	20.2
4 1	12 17.87	- 1 32.9	1.656	2.651	2.5	19.9	4 1	12 16.90	+ 3 18.5	1.862	2.851	3.5	20.3
4 11	12 11.08	- 0 7.6	1.682	2.651	7.0	20.2	4 11	12 8.32	+ 4 8.0	1.898	2.854	7.4	20.5
4 21	12 5.64	+ 1 6.0	1.734	2.651	11.0	20.4	4 21	12 1.14	+ 4 44.4	1.961	2.857	11.0	20.7
5 1	12 2.17	+ 2 2.8	1.809	2.652	14.5	20.6	5 1	11 55.95	+ 5 5.0	2.046	2.858	14.2	20.9
<b>323738</b>	2005 <i>MW</i> <sub>17</sub>		3 26.5 219°75		1°9/28.3 17		<b>468809</b>	2012 <i>LE</i>		3 26.5 293°90		16°9/23.7 17	
2 21	12 46.18	-10 1.7	2.016	2.820	13.9	21.6	2 21	12 51.59	+47 26.5	1.820	2.577	16.9	21.0
3 2	12 41.27	- 9 47.5	1.924	2.813	10.8	21.3	3 2	12 46.54	+49 54.8	1.790	2.553	17.0	20.9
3 12	12 34.31	- 9 17.1	1.854	2.806	7.1	21.1	3 12	12 38.09	+51 52.9	1.779	2.529	17.7	20.9
3 22	12 25.92	- 8 32.7	1.811	2.798	3.3	20.9	3 22	12 27.19	+53 9.9	1.785	2.504	18.8	20.9
4 1	12 16.96	- 7 38.6	1.796	2.790	2.5	20.8	4 1	12 15.45	+53 39.0	1.806	2.480	20.1	21.0
4 11	12 8.44	- 6 41.0	1.810	2.782	6.2	21.0	4 11	12 4.69	+53 19.7	1.840	2.455	21.4	21.0
4 21	12 1.24	- 5 46.4	1.851	2.773	10.1	21.2	4 21	11 56.40	+52 16.6	1.883	2.431	22.7	21.1
5 1	11 56.02	- 5 0.3	1.915	2.764	13.5	21.4	5 1	11 51.45	+50 36.5	1.935	2.406	23.8	21.2
<b>310374</b>	1046 <i>T</i> <sub>-2</sub>		3 26.5 150°09		0°9/27.5 16		<b>365178</b>	2009 <i>FL</i> <sub>3</sub>		3 26.5 26°81		0°3/26.7 18	
2 21	12 46.89	- 7 46.5	2.327	3.129	12.3	21.8	2 21	12 43.75	- 6 0.9	1.247	2.097	18.0	20.9
3 2	12 41.37	- 7 19.4	2.248	3.140	9.3	21.7	3 2	12 40.23	- 5 28.3	1.184	2.103	13.6	20.7
3 12	12 34.14	- 6 39.6	2.195	3.151	5.9	21.5	3 12	12 33.97	- 4 35.7	1.142	2.109	8.4	20.4
3 22	12 25.81	- 5 50.2	2.169	3.160	2.3	21.2	3 22	12 25.85	- 3 28.9	1.123	2.117	2.7	20.1
4 1	12 17.16	- 4 55.6	2.174	3.169	2.0	21.2	4 1	12 17.17	- 2 16.9	1.129	2.125	3.1	20.1
4 11	12 9.01	- 4 1.4	2.209	3.177	5.5	21.5	4 11	12 9.37	- 1 10.3	1.160	2.134	8.6	20.5
4 21	12 2.07	- 3 12.5	2.271	3.185	8.9	21.7	4 21	12 3.56	- 0 17.5	1.214	2.143	13.6	20.8
5 1	11 56.86	- 2 33.0	2.358	3.191	11.9	21.9	5 1	12 0.49	+ 0 16.1	1.287	2.153	17.8	21.0
<b>120436</b>	4589 <i>T</i> <sub>-3</sub>		3 26.5 91°35		2°5/23.9 18		<b>497686</b>	2006 <i>SP</i> <sub>41</sub>		3 26.5 123°34		0°1/26.5 17	
2 21	12 46.06	+ 2 22.8	1.940	2.782	12.8	20.2	2 21	12 43.04	- 4 49.9	2.817	3.629	10.1	23.0
3 2	12 40.91	+ 3 12.9	1.883	2.801	9.4	20.0	3 2	12 38.23	- 4 18.6	2.745	3.644	7.5	22.8
3 12	12 33.90	+ 4 9.4	1.851	2.819	5.6	19.8	3 12	12 32.12	- 3 38.6	2.699	3.660	4.6	22.7
3 22	12 25.72	+ 5 6.1	1.846	2.837	2.7	19.7	3 22	12 25.18	- 2 52.9	2.681	3.674	1.5	22.5
4 1	12 17.30	+ 5 56.7	1.870	2.854	4.2	19.8	4 1	12 18.03	- 2 5.6	2.694	3.689	1.8	22.5
4 11	12 9.56	+ 6 35.7	1.921	2.871	7.8	20.1	4 11	12 11.29	- 1 20.6	2.737	3.702	4.8	22.7
4 21	12 3.25	+ 6 59.7	1.998	2.889	11.1	20.3	4 21	12 5.49	- 0 41.8	2.808	3.716	7.7	22.9
5 1	11 58.89	+ 7 7.2	2.097	2.905	14.0	20.5	5 1	12 1.06	- 0 11.7	2.905	3.729	10.1	23.1
<b>15496</b>	1999 <i>DQ</i> <sub>3</sub>		3 26.5 13°63		9°2/17.9 18		<b>472643</b>	2015 <i>DF</i> <sub>212</sub>		3 26.5 313°34		5°1/	

EPHEMERIDES

3 26.5

3 26.5

2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$	2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$
<b>61388</b>	2000 <i>QA</i> <sub>3</sub>		3 26.5 221°27	0°2/26.6	18		<b>415909</b>	2001 <i>UL</i> <sub>28</sub>		3 26.5 132°45	1°6/24.7	18	
2 21	12 46.08	- 4 57.2	2.198	3.015	12.4	20.2	2 21	12 48.00	+ 0 53.1	2.419	3.243	11.2	22.6
3 2	12 41.02	- 4 33.2	2.105	3.007	9.4	20.0	3 2	12 42.04	+ 1 32.5	2.353	3.262	8.2	22.4
3 12	12 34.09	- 3 57.7	2.036	2.998	5.8	19.8	3 12	12 34.49	+ 2 18.0	2.314	3.279	4.9	22.2
3 22	12 25.87	- 3 13.7	1.996	2.989	1.9	19.5	3 22	12 25.95	+ 3 5.1	2.304	3.296	1.9	22.0
4 1	12 17.14	- 2 26.0	1.984	2.979	2.2	19.5	4 1	12 17.19	+ 3 49.1	2.325	3.312	3.1	22.1
4 11	12 8.81	- 1 40.1	2.002	2.969	6.2	19.8	4 11	12 8.98	+ 4 25.3	2.375	3.328	6.3	22.4
4 21	12 1.68	- 1 1.1	2.047	2.959	9.9	20.0	4 21	12 1.97	+ 4 50.8	2.453	3.342	9.4	22.6
5 1	11 56.36	- 0 32.7	2.116	2.948	13.1	20.1	5 1	11 56.65	+ 5 3.6	2.555	3.356	12.0	22.8
<b>501510</b>	2014 <i>DH</i> <sub>115</sub>		3 26.5 103°47	3°5/30.1	17		<b>457347</b>	2008 <i>SA</i> <sub>223</sub>		3 26.5 198°49	1°5/27.7	16	
2 21	12 47.87	-14 20.5	2.538	3.305	12.4	21.2	2 21	12 50.45	- 8 4.9	1.743	2.554	15.4	22.5
3 2	12 42.04	-14 45.9	2.459	3.319	9.9	21.0	3 2	12 44.75	- 7 56.2	1.656	2.551	11.8	22.2
3 12	12 34.55	-14 57.6	2.403	3.333	7.1	20.8	3 12	12 36.60	- 7 31.3	1.592	2.548	7.7	22.0
3 22	12 25.97	-14 55.8	2.375	3.347	4.5	20.7	3 22	12 26.72	- 6 52.7	1.554	2.544	3.2	21.7
4 1	12 17.05	-14 42.3	2.377	3.361	3.5	20.6	4 1	12 16.17	- 6 5.2	1.544	2.539	2.6	21.6
4 11	12 8.58	-14 20.7	2.408	3.374	5.3	20.8	4 11	12 6.19	- 5 15.7	1.562	2.533	7.1	21.9
4 21	12 1.26	-13 55.1	2.467	3.387	8.0	21.0	4 21	11 57.82	- 4 31.1	1.607	2.527	11.5	22.1
5 1	11 55.62	-13 30.0	2.551	3.400	10.6	21.2	5 1	11 51.84	- 3 56.8	1.674	2.520	15.3	22.4
<b>490003</b>	2008 <i>SB</i> <sub>206</sub>		3 26.5 206°71	2°0/24.6	17		<b>414100</b>	2007 <i>TG</i> <sub>268</sub>		3 26.5 213°51	1°7/25.0	16	
2 21	12 47.93	- 0 36.2	1.714	2.553	14.4	22.6	2 21	12 49.52	+ 0 8.8	1.912	2.744	13.4	22.2
3 2	12 42.82	+ 0 20.8	1.633	2.548	10.7	22.4	3 2	12 43.83	+ 0 41.8	1.825	2.737	10.0	21.9
3 12	12 35.38	+ 1 30.1	1.575	2.543	6.4	22.1	3 12	12 35.94	+ 1 23.9	1.763	2.729	6.0	21.7
3 22	12 26.30	+ 2 45.5	1.544	2.537	2.4	21.8	3 22	12 26.50	+ 2 10.2	1.727	2.720	2.2	21.4
4 1	12 16.63	+ 3 58.5	1.541	2.530	4.2	21.9	4 1	12 16.49	+ 2 54.7	1.721	2.711	3.6	21.5
4 11	12 7.53	+ 5 1.1	1.566	2.523	8.6	22.2	4 11	12 6.97	+ 3 31.3	1.744	2.702	7.8	21.7
4 21	12 0.01	+ 5 47.2	1.617	2.515	12.8	22.4	4 21	11 58.90	+ 3 55.4	1.792	2.691	11.8	21.9
5 1	11 54.79	+ 6 13.5	1.688	2.506	16.4	22.6	5 1	11 52.98	+ 4 4.3	1.863	2.680	15.2	22.1
<b>70067</b>	1999 <i>JE</i> <sub>46</sub>		3 26.5 281°77	3°4/23.6	17		<b>25876</b>	2000 <i>PP</i> <sub>16</sub>		3 26.5 140°17	0°1/26.4	18	
2 21	12 46.37	+ 2 27.4	1.547	2.400	14.9	19.5	2 21	12 45.68	- 5 4.8	2.282	3.098	12.1	20.0
3 2	12 42.09	+ 3 24.6	1.454	2.377	11.2	19.2	3 2	12 40.50	- 4 26.9	2.208	3.110	9.0	19.8
3 12	12 35.20	+ 4 33.4	1.383	2.353	6.9	18.9	3 12	12 33.65	- 3 37.8	2.160	3.121	5.5	19.6
3 22	12 26.32	+ 5 46.5	1.338	2.329	3.5	18.6	3 22	12 25.72	- 2 41.3	2.139	3.132	1.7	19.3
4 1	12 16.54	+ 6 54.7	1.320	2.305	5.6	18.7	4 1	12 17.50	- 1 42.7	2.148	3.142	2.1	19.4
4 11	12 7.19	+ 7 48.8	1.328	2.280	10.3	18.9	4 11	12 9.78	- 0 47.4	2.187	3.152	5.9	19.7
4 21	11 59.45	+ 8 22.3	1.359	2.256	14.9	19.1	4 21	12 3.28	- 0 0.3	2.253	3.161	9.2	19.9
5 1	11 54.23	+ 8 32.1	1.410	2.231	19.0	19.3	5 1	11 58.48	+ 0 35.1	2.343	3.170	12.1	20.1
<b>436660</b>	2011 <i>SF</i> <sub>7</sub>		3 26.5 200°28	3°0/30.4	17		<b>56943</b>	2000 <i>RF</i> <sub>76</sub>		3 26.5 101°47	0°7/25.7	18	R
2 21	12 42.33	-15 29.0	2.702	3.470	11.7	21.6	2 21	12 43.17	- 2 33.2	2.484	3.308	10.9	19.4
3 2	12 37.95	-15 18.8	2.606	3.468	9.3	21.4	3 2	12 38.49	- 1 55.5	2.416	3.323	8.1	19.2
3 12	12 32.08	-14 53.3	2.534	3.465	6.7	21.2	3 12	12 32.35	- 1 9.5	2.374	3.339	4.8	19.0
3 22	12 25.22	-14 13.8	2.488	3.462	4.1	21.0	3 22	12 25.30	- 0 19.1	2.361	3.355	1.5	18.8
4 1	12 17.99	-13 23.0	2.472	3.459	3.1	21.0	4 1	12 18.02	+ 0 31.2	2.377	3.370	2.3	18.9
4 11	12 11.10	-12 25.4	2.485	3.455	4.9	21.1	4 11	12 11.22	+ 1 16.4	2.423	3.385	5.6	19.1
4 21	12 5.16	-11 25.9	2.526	3.452	7.6	21.2	4 21	12 5.48	+ 1 53.0	2.496	3.399	8.7	19.3
5 1	12 0.68	-10 29.7	2.593	3.448	10.2	21.4	5 1	12 1.26	+ 2 18.3	2.593	3.414	11.3	19.5
<b>66815</b>	1999 <i>UQ</i> <sub>13</sub>		3 26.5 138°08	2°0/28.5	18		<b>511599</b>	2015 <i>AL</i> <sub>235</sub>		3 26.5 263°45	6°6/2.1	17	
2 21	12 44.57	-10 30.2	2.020	2.824	13.8	19.0	2 21	12 45.09	-22 42.3	2.058	2.799	15.7	21.3
3 2	12 39.99	-10 16.9	1.938	2.827	10.7	18.8	3 2	12 40.67	-23 8.2	1.958	2.788	13.3	21.1
3 12	12 33.49	- 9 47.5	1.878	2.829	7.1	18.6	3 12	12 34.10	-23 11.6	1.878	2.778	10.6	20.9
3 22	12 25.68	- 9 4.3	1.845	2.832	3.4	18.3	3 22	12 25.95	-22 50.7	1.822	2.768	8.0	20.7
4 1	12 17.43	- 8 11.7	1.840	2.834	2.5	18.3	4 1	12 17.13	-22 6.5	1.792	2.757	6.6	20.6
4 11	12 9.69	- 7 15.8	1.864	2.837	6.0	18.5	4 11	12 8.68	-21 3.6	1.788	2.746	7.6	20.6
4 21	12 3.26	- 6 22.8	1.914	2.839	9.7	18.7	4 21	12 1.56	-19 49.1	1.810	2.736	10.1	20.7
5 1	11 58.74	- 5 38.1	1.987	2.841	12.9	18.9	5 1	11 56.51	-18 31.5	1.857	2.725	13.1	20.9
<b>469941</b>	2006 <i>BN</i> <sub>62</sub>		3 26.5 38°79	9°7/14.4	17		<b>42559</b>	1996 <i>VH</i> <sub>28</sub>		3 26.5 270°38	2°5/24.1	17	
2 21	12 41.33	+18 17.0	1.605	2.472	13.7	20.1	2 21	12 44.38	- 0 23.8	1.600	2.448	14.7	19.7
3 2	12 37.95	+20 56.0	1.567	2.481	11.2	19.9	3 2	12 40.42	+ 0 44.8	1.513	2.434	10.9	19.4
3 12	12 32.35	+23 27.0	1.555	2.490	9.8	19.9	3 12	12 34.06	+ 2 8.0	1.449	2.419	6.6	19.1
3 22	12 25.32	+25 36.8	1.569	2.500	10.3	19.9	3 22	12 25.96	+ 3 38.7	1.411	2.404	2.7	18.8
4 1	12 17.92	+27 14.7	1.608	2.510	12.3	20.1	4 1	12 17.14	+ 5 7.1	1.401	2.389	4.8	18.9
4 11	12 11.26	+28 15.6	1.669	2.521	14.8	20.2	4 11	12 8.82	+ 6 23.5	1.417	2.373	9.4	19.2
4 21	12 6.23	+28 39.6	1.750	2.531	17.3	20.4	4 21	12 2.06	+ 7 20.8	1.458	2.358	13.9	19.4
5 1	12 3.41	+28 30.3	1.846	2.542	19.3	20.6	5 1	11 57.64	+ 7 54.8	1.518	2.342	17.7	19.6
<b>311248</b>	2005 <i>EV</i> <sub>18</sub>		3 26.5 332°74	0°8/25.9	17		<b>351878</b>	2006 <i>ST</i> <sub>93</sub>		3 26.5 174°86	0°5/25.9	17	
2 21	12 42.21	- 3 55.3	1.298	2.154	17.1	20.6	2 21	12 43.33	- 2 39.4	2.519	3.341	10.8	22.0
3 2	12 39.20	- 3 16.9	1.220	2.143	12.8	20.3	3 2	12 38.69	- 2 12.0	2.436	3.342	8.1	21.8
3 12	12 33.47	- 2 20.0	1.163	2.133	7.9	20.0	3 12	12 32.54	- 1 36.2	2.379	3.343	4.9	21.6
3 22	12 25.77	- 1 10.3	1.129	2.123	2.4	19.7	3 22	12 25.39	- 0 55.4	2.350	3.344	1.5	21.4
4 1	12 17.29	+ 0 2.9	1.120	2.114	3.6	19.7	4 1	12 17.90	+ 0 13.8	2.351	3.344	2.2	21.4
4 11	12 9.46	+ 1 9.2	1.136	2.106	9.2	20.0	4 11	12 10.82	+ 0 24.2	2.381	3.345	5.6	21.7
4 21	12 3.48	+ 2 0.0	1.174	2.099	14.3	20.3	4 21	12 4.76	+ 0 54.7	2.439	3.345	8.7	21.9
5 1	12 0.19	+ 2 29.7	1.231	2.093	18.7	20.5	5 1	12 0.21	+ 1 14.9	2.521	3.345	11.5	22.0
<b>243978</b>	2001 <i>RH</i> <sub>40</sub>		3 26.5 225°02	2°7/29.8	18		<b>494174</b>	2016 <i>GR</i> <sub>164</sub>		3 26.5 75°19			

EPHEMERIDES

3 26.5

3 26.5

2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$	2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$
<b>379690</b>	2011 FL <sub>47</sub>		3 26.5 14°26'	4.4°/23.2	18		<b>34711</b>	2001 OV <sub>97</sub>		3 26.5 63°55'	5.4°/20.3	18	
2 21	12 46.19	+ 6 52.7	1.482	2.343	15.0	20.3	2 21	12 43.51	+11 37.7	2.088	2.942	11.6	17.5
3 2	12 41.66	+ 7 26.0	1.421	2.347	11.1	20.1	3 2	12 39.08	+12 49.2	2.027	2.946	8.8	17.3
3 12	12 34.69	+ 8 2.1	1.383	2.351	7.1	19.9	3 12	12 32.87	+14 0.0	1.992	2.949	6.3	17.1
3 22	12 26.10	+ 8 33.6	1.370	2.356	4.4	19.7	3 22	12 25.51	+15 3.0	1.984	2.953	5.5	17.1
4 1	12 17.08	+ 8 53.7	1.382	2.362	6.2	19.9	4 1	12 17.84	+15 51.5	2.003	2.957	7.0	17.2
4 11	12 8.87	+ 8 56.9	1.421	2.369	10.1	20.1	4 11	12 10.72	+16 20.9	2.049	2.960	9.7	17.3
4 21	12 2.47	+ 8 41.2	1.482	2.377	14.0	20.3	4 21	12 4.87	+16 29.5	2.118	2.964	12.4	17.5
5 1	11 58.52	+ 8 6.8	1.563	2.385	17.3	20.6	5 1	12 0.84	+16 17.7	2.208	2.968	14.9	17.7
<b>88786</b>	2001 SG <sub>107</sub>		3 26.5 102°06'	3°5'/29.5	18		<b>411709</b>	2011 YU <sub>78</sub>		3 26.5 31°85'	3°0'/29.1	18	
2 21	12 50.50	-13 30.3	1.627	2.422	17.0	19.7	2 21	12 43.22	-12 28.0	1.360	2.184	18.2	20.8
3 2	12 44.66	-13 25.9	1.564	2.445	13.4	19.5	3 2	12 39.74	-12 9.8	1.293	2.191	14.3	20.6
3 12	12 36.41	-13 0.0	1.523	2.466	9.2	19.3	3 12	12 33.67	-11 26.3	1.245	2.199	9.7	20.3
3 22	12 26.62	-12 14.5	1.506	2.488	5.1	19.1	3 22	12 25.84	-10 20.7	1.221	2.207	4.9	20.1
4 1	12 16.47	-11 14.8	1.517	2.508	3.7	19.0	4 1	12 17.46	- 9 0.2	1.221	2.216	3.4	20.0
4 11	12 7.18	-10 8.8	1.555	2.528	6.9	19.3	4 11	12 9.87	- 7 35.2	1.248	2.225	7.6	20.3
4 21	11 59.72	- 9 4.7	1.620	2.547	10.9	19.6	4 21	12 4.14	- 6 16.0	1.298	2.235	12.2	20.5
5 1	11 54.74	- 8 9.7	1.707	2.566	14.4	19.8	5 1	12 1.00	- 5 11.0	1.369	2.245	16.3	20.8
<b>461408</b>	2001 SC <sub>356</sub>		3 26.5 128°12'	5°3'/21.8	18		<b>120471</b>	1992 EN <sub>2</sub>		3 26.5 64°62'	1°7'/25.2	18	
2 21	12 51.67	+12 9.3	1.985	2.827	12.6	21.2	2 21	12 46.81	- 2 21.9	1.284	2.136	17.4	20.2
3 2	12 45.10	+12 49.0	1.926	2.838	9.6	21.0	3 2	12 42.29	- 1 25.2	1.232	2.154	12.8	20.0
3 12	12 36.49	+13 26.1	1.892	2.848	6.7	20.9	3 12	12 35.11	- 0 13.2	1.203	2.173	7.6	19.7
3 22	12 26.62	+13 54.1	1.885	2.858	5.3	20.8	3 22	12 26.25	+ 1 5.7	1.197	2.191	2.5	19.5
4 1	12 16.47	+14 7.5	1.907	2.868	6.7	20.9	4 1	12 17.02	+ 2 21.3	1.218	2.210	4.2	19.6
4 11	12 7.08	+14 3.1	1.957	2.877	9.6	21.1	4 11	12 8.82	+ 3 23.9	1.264	2.228	9.3	20.0
4 21	11 59.26	+13 40.4	2.031	2.886	12.5	21.3	4 21	12 2.66	+ 4 7.2	1.333	2.247	13.8	20.3
5 1	11 53.58	+13 0.6	2.127	2.895	15.1	21.5	5 1	11 59.17	+ 4 28.5	1.421	2.266	17.6	20.6
<b>331953</b>	2004 TM <sub>369</sub>		3 26.5 317°03'	3°9'/30.4	17		<b>165024</b>	2000 CG <sub>132</sub>		3 26.5 117°47'	1°3'/27.8	17	
2 21	12 43.12	-15 46.6	1.893	2.680	15.3	20.4	2 21	12 45.37	- 7 55.7	2.157	2.966	12.9	21.0
3 2	12 39.15	-15 38.7	1.805	2.678	12.3	20.2	3 2	12 40.46	- 7 47.1	2.077	2.971	9.9	20.8
3 12	12 33.11	-15 9.3	1.738	2.675	8.8	19.9	3 12	12 33.74	- 7 25.6	2.021	2.977	6.4	20.6
3 22	12 25.63	-14 19.7	1.697	2.673	5.4	19.7	3 22	12 25.81	- 6 53.8	1.992	2.982	2.7	20.4
4 1	12 17.61	-13 13.7	1.682	2.671	3.9	19.6	4 1	12 17.49	- 6 15.5	1.992	2.988	2.1	20.3
4 11	12 10.09	-11 58.4	1.695	2.668	6.4	19.8	4 11	12 9.67	- 5 36.0	2.021	2.993	5.7	20.6
4 21	12 3.94	-10 41.6	1.734	2.666	10.0	20.0	4 21	12 3.09	- 5 0.1	2.077	2.998	9.3	20.8
5 1	11 59.82	- 9 31.0	1.796	2.664	13.4	20.2	5 1	11 58.33	- 4 32.0	2.157	3.003	12.3	21.0
<b>424667</b>	2008 RM <sub>44</sub>		3 26.5 311°53'	1°7'/24.7	17		<b>387240</b>	2012 UD <sub>51</sub>		3 26.5 37°97'	1°0'/27.7	17	
2 21	12 40.10	- 3 18.9	1.663	2.510	14.4	20.8	2 21	12 41.72	- 8 20.4	2.071	2.887	13.1	21.0
3 2	12 37.12	- 1 59.2	1.574	2.494	10.7	20.5	3 2	12 37.81	- 7 50.7	1.994	2.893	10.0	20.9
3 12	12 31.98	- 0 21.4	1.509	2.479	6.4	20.3	3 12	12 32.13	- 7 6.2	1.940	2.899	6.4	20.6
3 22	12 25.30	+ 1 27.5	1.471	2.464	2.1	19.9	3 22	12 25.31	- 6 10.5	1.914	2.905	2.5	20.4
4 1	12 18.00	+ 3 17.8	1.459	2.450	4.0	20.0	4 1	12 18.11	- 5 8.8	1.915	2.911	2.1	20.4
4 11	12 11.15	+ 4 58.8	1.475	2.436	8.7	20.3	4 11	12 11.42	- 4 7.3	1.945	2.917	5.8	20.6
4 21	12 5.72	+ 6 21.8	1.516	2.422	13.0	20.5	4 21	12 5.94	- 3 11.9	2.001	2.924	9.4	20.9
5 1	12 2.41	+ 7 21.6	1.577	2.409	16.8	20.7	5 1	12 2.23	- 2 27.3	2.081	2.931	12.6	21.1
<b>344576</b>	2003 AA <sub>66</sub>		3 26.5 61°61'	14°0'/ 6.0	18		<b>78305</b>	2002 PT <sub>58</sub>		3 26.5 167°27'	2°9'/29.3	18	
2 21	12 58.70	-30 31.9	1.296	2.010	24.4	20.1	2 21	12 47.37	-11 59.4	2.297	3.082	13.0	19.6
3 2	12 52.00	-32 44.3	1.246	2.037	21.6	20.0	3 2	12 41.93	-12 16.0	2.209	3.084	10.2	19.4
3 12	12 41.53	-34 20.4	1.212	2.065	18.5	19.8	3 12	12 34.66	-12 18.8	2.144	3.086	7.1	19.2
3 22	12 28.37	-35 11.8	1.196	2.092	15.8	19.8	3 22	12 26.12	-12 8.6	2.107	3.087	4.0	19.0
4 1	12 14.32	-35 14.9	1.201	2.119	14.2	19.7	4 1	12 17.12	-11 47.7	2.098	3.088	3.1	19.0
4 11	12 1.49	-34 34.9	1.229	2.147	14.2	19.8	4 11	12 8.55	-11 20.1	2.119	3.089	5.6	19.1
4 21	11 51.52	-33 24.2	1.277	2.174	15.6	20.0	4 21	12 1.18	-10 50.6	2.167	3.090	8.8	19.3
5 1	11 45.36	-31 58.0	1.345	2.201	17.7	20.2	5 1	11 55.61	-10 24.0	2.240	3.091	11.8	19.5
<b>369371</b>	2009 UW <sub>107</sub>		3 26.5 136°55'	0°7'/27.3	17		<b>170233</b>	2003 QP <sub>22</sub>		3 26.5 263°06'	1°0'/27.4	17	
2 21	12 45.37	- 7 20.9	2.184	2.994	12.7	22.0	2 21	12 46.36	- 7 40.5	1.683	2.505	15.4	20.9
3 2	12 40.38	- 6 50.7	2.108	3.004	9.6	21.8	3 2	12 41.93	- 7 15.1	1.585	2.488	11.8	20.6
3 12	12 33.63	- 6 7.3	2.056	3.014	6.1	21.6	3 12	12 35.04	- 6 31.6	1.510	2.470	7.6	20.3
3 22	12 25.75	- 5 14.1	2.032	3.024	2.2	21.4	3 22	12 26.33	- 5 32.8	1.460	2.452	2.9	20.0
4 1	12 17.53	- 4 16.0	2.037	3.033	2.0	21.4	4 1	12 16.80	- 4 24.8	1.438	2.433	2.6	19.9
4 11	12 9.83	- 3 19.1	2.072	3.041	5.8	21.7	4 11	12 7.68	- 3 15.8	1.442	2.414	7.5	20.2
4 21	12 3.38	- 2 28.6	2.133	3.049	9.3	21.9	4 21	12 0.07	- 2 13.8	1.473	2.395	12.2	20.4
5 1	11 58.70	- 1 48.7	2.219	3.057	12.3	22.1	5 1	11 54.81	- 1 25.6	1.525	2.375	16.3	20.6
<b>140795</b>	2001 UF <sub>146</sub>		3 26.5 202°92'	2°8'/30.1	17		<b>368139</b>	2013 KN <sub>13</sub>		3 26.5 251°95'	3°4'/23.4	17	
2 21	12 41.76	-14 49.4	2.467	3.245	12.4	20.5	2 21	12 47.28	+ 3 56.8	1.768	2.615	13.6	21.4
3 2	12 37.66	-14 27.8	2.374	3.244	9.8	20.3	3 2	12 42.39	+ 4 50.0	1.681	2.601	10.1	21.2
3 12	12 31.98	-13 49.3	2.305	3.242	6.9	20.1	3 12	12 35.18	+ 5 50.9	1.619	2.587	6.3	20.9
3 22	12 25.24	-12 55.7	2.262	3.240	4.0	19.9	3 22	12 26.34	+ 6 52.7	1.584	2.573	3.5	20.7
4 1	12 18.12	-11 50.5	2.248	3.238	2.9	19.8	4 1	12 16.83	+ 7 47.7	1.577	2.558	5.4	20.8
4 11	12 11.39	-10 39.4	2.263	3.236	5.1	20.0	4 11	12 7.82	+ 8 28.6	1.596	2.543	9.4	21.0
4 21	12 5.68	- 9 28.1	2.306	3.233	8.2	20.1	4 21	12 0.30	+ 8 51.1	1.640	2.528	13.3	21.2
5 1	12 1.54	- 8 22.4	2.375	3.231	11.0	20.3	5 1	11 55.02	+ 8 53.3	1.705	2.512	16.8	21.4
<b>279335</b>	2009 XA <sub>25</sub>		3 26.5 340°62'	5°2'/21.0	17		<b>170218</b>	2003 QT <sub>7</sub>		3 26.5 152°61'	0°9'/25.6	18	
2 21	12 42.30	+ 8 7.6	1.735	2.									

EPHEMERIDES

3 26.5

3 26.5

2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$	2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$
<b>168016</b>	2005 <i>HZ</i> <sub>7</sub>		3 26.5 222°93		0°1/26.6 18		<b>108900</b>	2001 <i>PU</i> <sub>5</sub>		3 26.5 158°11		2°2/23.9 18	
2 21	12 41.53	- 6 19.1	2.227	3.048	12.2	20.2	2 21	12 46.61	+ 2 23.6	2.432	3.262	10.9	20.3
3 2	12 37.59	- 5 29.8	2.142	3.046	9.1	20.0	3 2	12 41.12	+ 3 16.1	2.360	3.272	8.0	20.1
3 12	12 31.99	- 4 26.9	2.082	3.044	5.6	19.8	3 12	12 34.03	+ 4 14.4	2.314	3.280	4.9	19.9
3 22	12 25.28	- 3 14.5	2.049	3.042	1.8	19.5	3 22	12 25.91	+ 5 13.5	2.297	3.287	2.3	19.8
4 1	12 18.17	- 1 58.4	2.045	3.040	2.1	19.5	4 1	12 17.50	+ 6 7.8	2.311	3.294	3.7	19.9
4 11	12 11.50	- 0 45.2	2.070	3.038	6.0	19.8	4 11	12 9.57	+ 6 52.6	2.354	3.300	6.8	20.1
4 21	12 5.93	+ 0 19.4	2.123	3.036	9.5	20.0	4 21	12 2.79	+ 7 24.6	2.424	3.305	9.8	20.3
5 1	12 2.02	+ 1 11.0	2.199	3.034	12.5	20.2	5 1	11 57.65	+ 7 42.0	2.518	3.310	12.4	20.4
<b>261250</b>	2005 <i>UP</i> <sub>75</sub>		3 26.5 151°29		5°8/ 1.3 17		<b>497697</b>	2006 <i>SZ</i> <sub>72</sub>		3 26.5 151°50		2°5/23.6 17	
2 21	12 48.65	-20 49.0	2.171	2.912	15.0	20.9	2 21	12 45.31	+ 5 9.7	2.622	3.457	10.1	21.5
3 2	12 43.08	-21 18.7	2.084	2.918	12.5	20.8	3 2	12 40.07	+ 5 40.3	2.549	3.462	7.4	21.4
3 12	12 35.44	-21 28.3	2.019	2.925	9.7	20.6	3 12	12 33.35	+ 6 13.7	2.502	3.467	4.6	21.2
3 22	12 26.39	-21 16.6	1.979	2.930	7.1	20.4	3 22	12 25.70	+ 6 45.7	2.483	3.471	2.5	21.1
4 1	12 16.80	-20 45.1	1.967	2.936	5.8	20.4	4 1	12 17.76	+ 7 12.2	2.495	3.476	3.8	21.1
4 11	12 7.71	-19 58.1	1.982	2.941	6.9	20.4	4 11	12 10.27	+ 7 29.8	2.536	3.480	6.5	21.3
4 21	11 59.98	-19 2.0	2.024	2.945	9.5	20.6	4 21	12 3.82	+ 7 36.1	2.604	3.483	9.3	21.5
5 1	11 54.27	-18 4.0	2.091	2.949	12.2	20.8	5 1	11 58.88	+ 7 30.2	2.696	3.487	11.7	21.7
<b>12027</b>	Masaakitanaka		3 26.5 72°53		2°1/24.9 18		<b>504244</b>	2006 <i>UG</i> <sub>278</sub>		3 26.5 221°13		2°8/23.2 17	
2 21	12 50.50	+ 1 5.2	1.460	2.306	16.0	18.1	2 21	12 45.34	+ 6 16.8	2.625	3.461	10.0	21.5
3 2	12 44.76	+ 1 31.4	1.406	2.325	11.8	17.9	3 2	12 40.17	+ 6 50.0	2.541	3.454	7.4	21.4
3 12	12 36.51	+ 2 6.0	1.375	2.343	7.1	17.7	3 12	12 33.47	+ 7 25.6	2.483	3.447	4.7	21.2
3 22	12 26.69	+ 2 43.0	1.369	2.362	2.6	17.4	3 22	12 25.75	+ 7 59.3	2.454	3.440	2.9	21.0
4 1	12 16.55	+ 3 15.5	1.390	2.380	4.2	17.6	4 1	12 17.68	+ 8 26.8	2.456	3.433	4.1	21.1
4 11	12 7.38	+ 3 37.1	1.438	2.399	8.8	17.9	4 11	12 10.00	+ 8 44.4	2.486	3.425	6.9	21.3
4 21	12 0.18	+ 3 44.1	1.510	2.417	13.0	18.2	4 21	12 3.32	+ 8 49.8	2.543	3.417	9.7	21.4
5 1	11 55.56	+ 3 35.1	1.602	2.436	16.5	18.4	5 1	11 58.16	+ 8 42.1	2.623	3.409	12.1	21.6
<b>55879</b>	1997 <i>WG</i>		3 26.5 185°70		1°5/24.9 18		<b>266328</b>	2007 <i>DC</i> <sub>19</sub>		3 26.5 175°86		1°0/25.5 17	
2 21	12 47.05	+ 0 6.4	2.242	3.070	11.8	19.9	2 21	12 45.28	- 2 26.2	2.092	2.921	12.5	21.8
3 2	12 41.65	+ 0 42.7	2.160	3.070	8.7	19.7	3 2	12 40.45	- 1 42.4	2.013	2.922	9.3	21.6
3 12	12 34.45	+ 1 26.8	2.104	3.070	5.3	19.5	3 12	12 33.77	- 0 47.9	1.958	2.924	5.6	21.3
3 22	12 26.05	+ 2 14.2	2.076	3.069	1.9	19.2	3 22	12 25.87	+ 0 12.6	1.931	2.925	1.7	21.1
4 1	12 17.26	+ 2 59.7	2.077	3.067	3.2	19.3	4 1	12 17.55	+ 1 13.3	1.933	2.925	2.9	21.2
4 11	12 8.93	+ 3 38.0	2.108	3.065	6.8	19.6	4 11	12 9.73	+ 2 7.7	1.964	2.925	6.8	21.4
4 21	12 1.82	+ 4 5.5	2.166	3.062	10.2	19.8	4 21	12 3.18	+ 2 51.2	2.021	2.925	10.4	21.6
5 1	11 56.49	+ 4 19.6	2.247	3.058	13.1	20.0	5 1	11 58.47	+ 3 20.3	2.102	2.924	13.5	21.8
<b>386505</b>	2009 <i>BU</i> <sub>60</sub>		3 26.5 9°60		4°9/31.1 17		<b>177965</b>	2006 <i>PP</i> <sub>22</sub>		3 26.5 160°95		1°1/25.4 18	
2 21	12 44.30	-16 37.0	1.892	2.673	15.5	20.6	2 21	12 45.67	- 3 14.1	1.883	2.714	13.6	20.3
3 2	12 40.06	-17 4.4	1.809	2.675	12.6	20.4	3 2	12 40.90	- 2 16.0	1.808	2.719	10.1	20.1
3 12	12 33.69	-17 12.2	1.748	2.677	9.4	20.2	3 12	12 34.11	- 1 4.8	1.757	2.723	6.1	19.9
3 22	12 25.86	-17 0.3	1.711	2.679	6.3	20.0	3 22	12 25.98	+ 0 13.9	1.733	2.727	1.9	19.6
4 1	12 17.47	-16 30.6	1.700	2.682	5.0	19.9	4 1	12 17.42	+ 1 32.6	1.739	2.731	3.2	19.7
4 11	12 9.59	-15 48.4	1.716	2.685	6.8	20.0	4 11	12 9.45	+ 2 43.6	1.772	2.734	7.4	20.0
4 21	12 3.12	-15 0.1	1.757	2.689	10.0	20.2	4 21	12 2.89	+ 3 41.0	1.832	2.736	11.2	20.2
5 1	11 58.73	-14 12.9	1.822	2.693	13.1	20.4	5 1	11 58.34	+ 4 21.0	1.914	2.738	14.6	20.4
<b>35220</b>	1994 <i>WU</i> <sub>7</sub>		3 26.5 261°21		1°9/24.1 18		<b>252781</b>	2002 <i>EW</i> <sub>129</sub>		3 26.5 236°64		3°4/29.1 18	
2 21	12 41.41	+ 1 0.7	2.485	3.321	10.5	19.1	2 21	12 51.95	-11 48.3	1.950	2.737	14.9	20.6
3 2	12 37.38	+ 1 52.4	2.396	3.311	7.7	18.8	3 2	12 45.90	-12 10.7	1.846	2.723	11.8	20.3
3 12	12 31.82	+ 2 51.6	2.334	3.301	4.7	18.6	3 12	12 37.42	-12 17.7	1.765	2.708	8.3	20.1
3 22	12 25.23	+ 3 53.5	2.299	3.291	2.0	18.4	3 22	12 27.11	-12 9.1	1.710	2.691	4.7	19.8
4 1	12 18.26	+ 4 52.9	2.295	3.281	3.4	18.5	4 1	12 15.96	-11 47.0	1.684	2.675	3.6	19.7
4 11	12 11.63	+ 5 44.6	2.319	3.271	6.5	18.7	4 11	12 5.14	-11 15.9	1.687	2.657	6.8	19.9
4 21	12 5.98	+ 6 24.5	2.370	3.260	9.6	18.9	4 21	11 55.74	-10 41.7	1.717	2.639	10.8	20.1
5 1	12 1.82	+ 6 50.3	2.444	3.250	12.3	19.0	5 1	11 48.59	-10 10.7	1.770	2.620	14.5	20.2
<b>364794</b>	2008 <i>AX</i> <sub>89</sub>		3 26.5 135°56		1°3/25.2 18		<b>482090</b>	2010 <i>JD</i> <sub>48</sub>		3 26.5 80°39		21°5/13.8 17	
2 21	12 47.24	- 1 53.2	1.893	2.725	13.5	21.5	2 21	13 8.80	+40 32.0	1.039	1.849	23.6	20.8
3 2	12 41.97	- 1 3.3	1.825	2.736	10.0	21.3	3 2	12 59.89	+42 15.0	1.017	1.856	22.2	20.7
3 12	12 34.70	- 0 2.3	1.781	2.748	6.0	21.1	3 12	12 46.19	+43 15.2	1.011	1.862	21.5	20.7
3 22	12 26.13	+ 1 4.0	1.765	2.758	1.9	20.9	3 22	12 29.71	+43 16.4	1.021	1.869	21.8	20.8
4 1	12 17.21	+ 2 8.8	1.777	2.768	3.3	21.0	4 1	12 13.28	+42 11.7	1.047	1.875	23.0	20.9
4 11	12 8.93	+ 3 5.2	1.818	2.778	7.4	21.3	4 11	11 59.52	+40 6.5	1.089	1.882	24.7	21.0
4 21	12 2.12	+ 3 48.4	1.885	2.787	11.1	21.5	4 21	11 49.90	+37 14.8	1.146	1.889	26.6	21.2
5 1	11 57.35	+ 4 15.2	1.974	2.795	14.3	21.7	5 1	11 44.83	+33 52.0	1.215	1.895	28.4	21.4
<b>93900</b>	2000 <i>WS</i> <sub>146</sub>		3 26.5 141°41		1°4/24.9 16		<b>269251</b>	Kolomna		3 26.5 223°15		2°2/23.6 18	
2 21	12 45.57	- 0 26.8	2.359	3.186	11.3	21.9	2 21	12 43.57	+ 0 59.6	2.480	3.312	10.7	21.1
3 2	12 40.38	+ 0 19.6	2.288	3.198	8.3	21.7	3 2	12 39.01	+ 2 12.6	2.388	3.301	7.9	20.9
3 12	12 33.58	+ 1 13.6	2.243	3.209	5.0	21.5	3 12	12 32.85	+ 3 34.3	2.322	3.289	4.7	20.7
3 22	12 25.76	+ 2 10.8	2.227	3.220	1.8	21.3	3 22	12 25.58	+ 4 59.4	2.286	3.276	2.3	20.5
4 1	12 17.66	+ 3 5.8	2.241	3.230	3.0	21.4	4 1	12 17.90	+ 6 21.5	2.280	3.263	3.8	20.6
4 11	12 10.06	+ 3 53.4	2.284	3.240	6.4	21.6	4 11	12 10.55	+ 7 34.5	2.304	3.249	7.0	20.8
4 21	12 3.63	+ 4 29.9	2.355	3.249	9.5	21.8	4 21	12 4.21	+ 8 33.6	2.355	3.235	10.1	21.0
5 1	11 58.84	+ 4 52.9	2.449	3.257	12.2	22.0	5 1	11 59.40	+ 9 16.1	2.430	3.219	12.9	21.1
<b>340304</b>	2006 <i>CL</i> <sub>52</sub>		3 26.5 281°59		7°0/ 1.3 18		<b>90571</b>	2004 <i>GQ</i> <sub>15</sub>		3 26.5 241°72		7°2/16.8 18	
2 2													

EPHEMERIDES

3 26.5

3 26.5

2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$	2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$
<b>68469</b>	2001 <i>SC</i> <sub>253</sub>		3 26.5 113°66	0°3/26.9	18		<b>366389</b>	2001 <i>PK</i> <sub>3</sub>		3 26.5 196°92	6°6/2.8	17	
2 21	12 41.39	- 7 4.1	2.325	3.141	11.9	19.8	2 21	12 46.60	-24 38.0	2.237	2.956	15.2	20.9
3 2	12 37.40	- 6 16.8	2.245	3.146	8.9	19.6	3 2	12 41.64	-24 53.9	2.139	2.954	12.9	20.8
3 12	12 31.84	- 5 16.3	2.190	3.150	5.6	19.4	3 12	12 34.64	-24 46.8	2.062	2.951	10.4	20.6
3 22	12 25.26	- 4 6.5	2.162	3.155	1.9	19.2	3 22	12 26.21	-24 15.5	2.009	2.947	8.0	20.4
4 1	12 18.35	- 2 52.8	2.164	3.159	1.9	19.2	4 1	12 17.21	-23 21.2	1.983	2.943	6.6	20.3
4 11	12 11.87	- 1 41.4	2.195	3.163	5.6	19.5	4 11	12 8.63	-22 8.6	1.984	2.938	7.3	20.4
4 21	12 6.47	- 0 37.8	2.253	3.168	8.9	19.7	4 21	12 1.35	-20 44.9	2.012	2.933	9.5	20.5
5 1	12 2.65	+ 0 13.8	2.336	3.172	11.9	19.9	5 1	11 56.02	-19 18.3	2.065	2.927	12.2	20.6
<b>224864</b>	2007 <i>AM</i> <sub>13</sub>		3 26.5 206°80	1°5/24.9	17		<b>122621</b>	2000 <i>RL</i> <sub>63</sub>		3 26.5 241°01	1°8/24.8	18	
2 21	12 46.14	- 0 44.9	2.281	3.108	11.7	21.1	2 21	12 45.65	- 1 50.7	1.596	2.440	15.0	19.8
3 2	12 41.01	+ 0 3.7	2.192	3.102	8.7	20.9	3 2	12 41.36	- 0 49.2	1.514	2.432	11.2	19.5
3 12	12 34.11	+ 1 1.5	2.129	3.095	5.2	20.6	3 12	12 34.66	+ 0 27.3	1.455	2.423	6.7	19.2
3 22	12 26.00	+ 2 4.0	2.095	3.088	1.8	20.4	3 22	12 26.24	+ 1 52.3	1.421	2.415	2.4	18.9
4 1	12 17.44	+ 3 5.3	2.090	3.079	3.2	20.5	4 1	12 17.17	+ 3 16.5	1.416	2.406	4.1	19.0
4 11	12 9.28	+ 3 59.5	2.115	3.070	6.8	20.7	4 11	12 8.67	+ 4 30.6	1.437	2.397	8.9	19.3
4 21	12 2.28	+ 4 42.2	2.167	3.061	10.2	20.9	4 21	12 1.76	+ 5 27.4	1.482	2.387	13.3	19.5
5 1	11 57.01	+ 5 10.4	2.242	3.050	13.2	21.0	5 1	11 57.23	+ 6 2.7	1.548	2.378	17.2	19.7
<b>145836</b>	1998 <i>XE</i> <sub>63</sub>		3 26.5 188°81	5°5/2.0	16		<b>58711</b>	1998 <i>CM</i> <sub>3</sub>		3 26.5 272°33	1°9/24.5	18	
2 21	12 47.28	-22 57.6	2.476	3.197	13.8	20.6	2 21	12 43.49	- 0 30.6	1.848	2.690	13.3	18.5
3 2	12 41.90	-23 2.5	2.377	3.196	11.6	20.4	3 2	12 39.42	+ 0 25.8	1.765	2.683	9.9	18.2
3 12	12 34.68	-22 46.9	2.299	3.195	9.1	20.2	3 12	12 33.31	+ 1 33.6	1.707	2.676	5.9	18.0
3 22	12 26.19	-22 10.0	2.247	3.192	6.8	20.1	3 22	12 25.78	+ 2 46.8	1.676	2.669	2.3	17.7
4 1	12 17.20	-21 13.7	2.223	3.189	5.5	20.0	4 1	12 17.74	+ 3 58.0	1.672	2.661	3.9	17.8
4 11	12 8.62	-20 2.7	2.227	3.185	6.4	20.0	4 11	12 10.19	+ 4 59.6	1.697	2.654	8.0	18.0
4 21	12 1.21	-18 43.3	2.260	3.180	8.7	20.2	4 21	12 4.00	+ 5 46.0	1.746	2.646	11.9	18.2
5 1	11 55.58	-17 22.7	2.318	3.174	11.3	20.3	5 1	11 59.81	+ 6 13.9	1.817	2.639	15.3	18.4
<b>125117</b>	2001 <i>UN</i> <sub>50</sub>		3 26.5 76°45	0°7/27.3	18		<b>237522</b>	2000 <i>ST</i> <sub>145</sub>		3 26.5 257°66	0°4/27.0	17	
2 21	12 42.28	- 9 27.0	1.744	2.565	15.0	19.6	2 21	12 43.39	- 6 16.6	2.861	3.666	10.2	21.6
3 2	12 38.52	- 8 20.2	1.671	2.573	11.4	19.4	3 2	12 38.78	- 5 47.5	2.747	3.642	7.7	21.4
3 12	12 32.71	- 6 52.9	1.621	2.581	7.2	19.1	3 12	12 32.69	- 5 8.0	2.659	3.617	4.9	21.1
3 22	12 25.56	- 5 10.9	1.598	2.590	2.6	18.9	3 22	12 25.57	- 4 20.4	2.599	3.591	1.7	20.9
4 1	12 18.01	- 3 22.5	1.602	2.598	2.4	18.9	4 1	12 17.98	- 3 28.2	2.570	3.565	1.7	20.8
4 11	12 11.08	- 1 37.7	1.635	2.607	6.9	19.2	4 11	12 10.61	- 2 36.1	2.571	3.539	5.0	21.0
4 21	12 5.61	- 0 5.0	1.695	2.615	11.0	19.4	4 21	12 4.06	- 1 48.3	2.601	3.511	8.1	21.2
5 1	12 2.19	+ 1 9.4	1.777	2.623	14.5	19.7	5 1	11 58.85	- 1 8.5	2.656	3.483	10.9	21.3
<b>190438</b>	1999 <i>XD</i> <sub>193</sub>		3 26.5 148°79	2°0/28.9	18		<b>421466</b>	2014 <i>OC</i> <sub>2</sub>		3 26.5 223°37	3°1/29.1	17	
2 21	12 46.01	-11 11.8	2.615	3.399	11.6	20.8	2 21	12 49.14	-12 3.6	1.765	2.563	15.8	21.7
3 2	12 40.65	-11 2.1	2.533	3.410	9.0	20.6	3 2	12 43.90	-12 7.7	1.672	2.555	12.5	21.5
3 12	12 33.76	-10 39.5	2.474	3.419	6.1	20.4	3 12	12 36.22	-11 53.1	1.601	2.547	8.6	21.2
3 22	12 25.86	-10 5.7	2.444	3.428	3.1	20.2	3 22	12 26.75	-11 20.6	1.555	2.538	4.7	21.0
4 1	12 17.65	- 9 24.1	2.444	3.437	2.3	20.2	4 1	12 16.54	-10 33.9	1.537	2.529	3.4	20.9
4 11	12 9.86	- 8 39.0	2.474	3.445	4.9	20.4	4 11	12 6.81	- 9 39.3	1.546	2.519	7.0	21.1
4 21	12 3.14	- 7 55.0	2.532	3.452	7.9	20.6	4 21	11 58.62	- 8 44.5	1.582	2.509	11.2	21.3
5 1	11 57.97	- 7 16.2	2.616	3.459	10.5	20.8	5 1	11 52.78	- 7 56.5	1.640	2.498	15.0	21.5
<b>229979</b>	1999 <i>VJ</i> <sub>129</sub>		3 26.5 206°46	1°6/28.3	17		<b>30350</b>	Beltcas		3 26.5 158°80	1°3/27.7	18	
2 21	12 44.81	- 9 39.6	2.278	3.078	12.6	21.4	2 21	12 48.49	- 8 56.6	1.808	2.617	15.0	19.6
3 2	12 40.07	- 9 21.8	2.186	3.074	9.7	21.2	3 2	12 43.13	- 8 27.6	1.730	2.624	11.5	19.4
3 12	12 33.55	- 8 49.6	2.118	3.070	6.4	21.0	3 12	12 35.55	- 7 41.2	1.675	2.631	7.4	19.2
3 22	12 25.83	- 8 5.5	2.077	3.066	2.9	20.7	3 22	12 26.49	- 6 40.8	1.646	2.636	3.0	18.9
4 1	12 17.66	- 7 13.4	2.066	3.061	2.2	20.7	4 1	12 16.94	- 5 32.5	1.646	2.641	2.4	18.9
4 11	12 9.88	- 6 18.9	2.084	3.055	5.6	20.9	4 11	12 8.03	- 4 23.8	1.674	2.645	6.7	19.1
4 21	12 3.25	- 5 27.3	2.129	3.050	9.0	21.1	4 21	12 0.66	- 3 22.1	1.729	2.649	10.8	19.4
5 1	11 58.34	- 4 43.7	2.198	3.044	12.2	21.3	5 1	11 55.50	- 2 32.8	1.807	2.652	14.4	19.6
<b>52942</b>	1998 <i>SU</i> <sub>139</sub>		3 26.5 146°73	3°0/29.2	18		<b>105060</b>	2000 <i>KT</i> <sub>61</sub>		3 26.5 247°16	1°2/25.1	18	
2 21	12 48.47	-12 54.7	1.658	2.458	16.6	19.2	2 21	12 43.76	- 0 35.3	2.678	3.503	10.2	20.9
3 2	12 43.32	-12 40.0	1.581	2.466	13.0	19.0	3 2	12 39.08	+ 0 2.6	2.576	3.485	7.6	20.7
3 12	12 35.76	-12 3.7	1.526	2.473	8.9	18.8	3 12	12 32.89	+ 0 48.2	2.501	3.467	4.6	20.5
3 22	12 26.55	-11 7.8	1.496	2.480	4.7	18.6	3 22	12 25.63	+ 1 37.8	2.455	3.448	1.6	20.2
4 1	12 16.81	- 9 57.8	1.493	2.486	3.3	18.5	4 1	12 17.94	+ 2 27.0	2.439	3.429	2.7	20.3
4 11	12 7.75	- 8 42.1	1.518	2.492	7.0	18.7	4 11	12 10.53	+ 3 11.2	2.453	3.409	5.9	20.5
4 21	12 0.40	- 7 29.4	1.568	2.497	11.2	19.0	4 21	12 4.03	+ 3 46.5	2.494	3.389	9.0	20.6
5 1	11 55.45	- 6 27.0	1.642	2.501	14.9	19.2	5 1	11 58.96	+ 4 10.1	2.559	3.369	11.7	20.8
<b>11350</b>	Teresa		3 26.5 135°15	0°4/26.0	18		<b>383644</b>	2007 <i>RD</i> <sub>294</sub>		3 26.5 100°25	0°2/26.8	17	
2 21	12 43.66	- 3 42.7	2.323	3.145	11.6	18.4	2 21	12 44.47	- 5 20.2	2.313	3.129	11.9	22.0
3 2	12 39.06	- 3 4.8	2.247	3.153	8.7	18.2	3 2	12 39.62	- 4 53.0	2.244	3.145	8.9	21.8
3 12	12 32.84	- 2 16.7	2.196	3.160	5.2	18.0	3 12	12 33.16	- 4 15.0	2.199	3.160	5.5	21.7
3 22	12 25.58	- 1 22.5	2.172	3.166	1.6	17.8	3 22	12 25.68	- 3 29.9	2.182	3.175	1.8	21.4
4 1	12 18.00	- 0 27.1	2.179	3.173	2.3	17.9	4 1	12 17.94	- 2 42.2	2.195	3.190	2.0	21.5
4 11	12 10.89	+ 0 24.0	2.214	3.179	5.9	18.1	4 11	12 10.71	- 1 56.9	2.237	3.205	5.6	21.7
4 21	12 4.90	+ 1 6.5	2.277	3.185	9.2	18.3	4 21	12 4.65	- 1 18.4	2.306	3.219	8.8	22.0
5 1	12 0.54	+ 1 37.1	2.364	3.190	12.0	18.5	5 1	12 0.24	- 0 50.1	2.399	3.233	11.7	22.2
<b>309311</b>	2007 <i>RZ</i> <sub>286</sub>		3 26.5 121°74	2°0/24.7	18		<b>14081</b>	1997 <i>GT</i> <sub>18</sub>		3 26.5 163°84	0°2/26.4	18	
2 21													

EPHEMERIDES

3 26.5

3 26.5

2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$	2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$
<b>505893</b>	2015 <i>DO</i> <sub>165</sub>		3 26.5 170°73	1.3/25.0	17		<b>425249</b>	2009 <i>WK</i> <sub>52</sub>		3 26.5 205°28	6.3/2.7	17	
2 21	12 44.38	- 0 25.2	2.309	3.140	11.4	21.4	2 21	12 46.24	-24 10.3	2.323	3.043	14.6	21.7
3 2	12 39.64	+ 0 11.9	2.230	3.142	8.4	21.2	3 2	12 41.32	-24 26.7	2.224	3.039	12.4	21.5
3 12	12 33.23	+ 0 56.8	2.177	3.143	5.1	21.0	3 12	12 34.44	-24 21.2	2.145	3.034	10.0	21.3
3 22	12 25.74	+ 1 45.3	2.151	3.145	1.8	20.8	3 22	12 26.18	-23 52.7	2.090	3.029	7.6	21.2
4 1	12 17.89	+ 2 32.3	2.155	3.146	2.9	20.9	4 1	12 17.36	-23 2.4	2.062	3.023	6.3	21.1
4 11	12 10.48	+ 3 12.8	2.188	3.146	6.4	21.1	4 11	12 8.92	-21 54.7	2.062	3.016	7.0	21.1
4 21	12 4.21	+ 3 42.8	2.248	3.147	9.7	21.3	4 21	12 1.71	-20 36.3	2.089	3.009	9.2	21.2
5 1	11 59.60	+ 4 0.1	2.331	3.147	12.5	21.5	5 1	11 56.37	-19 14.9	2.141	3.002	11.8	21.4
<b>46379</b>	2001 <i>XD</i> <sub>22</sub>		3 26.5 98°98	2.2/24.9	18		<b>196068</b>	2002 <i>TW</i> <sub>55</sub>		3 26.5 270°94	18.9/21.0	11 C	
2 21	12 51.14	+ 1 22.1	1.482	2.327	15.9	19.4	2 21	16 17.06	+79 24.0	2.649	2.993	18.9	23.5
3 2	12 45.37	+ 1 47.9	1.420	2.338	11.8	19.1	3 2	16 7.33	+81 56.2	2.631	2.948	19.4	23.4
3 12	12 37.01	+ 2 22.2	1.380	2.348	7.1	18.9	3 12	15 24.25	+84 16.8	2.620	2.902	19.9	23.4
3 22	12 26.96	+ 2 59.0	1.366	2.359	2.7	18.6	3 22	13 31.40	+85 40.0	2.615	2.853	20.4	23.4
4 1	12 16.46	+ 3 31.2	1.379	2.369	4.3	18.8	4 1	11 11.51	+84 52.4	2.615	2.802	20.9	23.4
4 11	12 6.85	+ 3 52.4	1.419	2.379	8.9	19.0	4 11	10 2.75	+82 23.9	2.618	2.749	21.3	23.3
4 21	11 59.18	+ 3 58.9	1.483	2.389	13.3	19.3	4 21	9 40.13	+79 15.0	2.625	2.694	21.7	23.3
5 1	11 54.12	+ 3 48.9	1.567	2.399	16.9	19.6	5 1	9 36.68	+75 48.0	2.633	2.637	22.0	23.3
<b>165150</b>	2000 <i>QU</i> <sub>28</sub>		3 26.5 192°07	0.6/25.8	18		<b>153921</b>	2001 <i>YZ</i> <sub>22</sub>		3 26.5 137°85	0.1/26.4	17	
2 21	12 43.03	- 2 20.7	2.916	3.734	9.7	21.2	2 21	12 46.43	- 4 29.2	2.023	2.845	13.2	21.6
3 2	12 38.34	- 1 49.2	2.828	3.732	7.2	21.0	3 2	12 41.34	- 3 59.1	1.948	2.853	9.8	21.4
3 12	12 32.33	- 1 10.3	2.766	3.730	4.3	20.9	3 12	12 34.36	- 3 17.2	1.898	2.861	6.0	21.1
3 22	12 25.44	- 0 27.2	2.733	3.727	1.3	20.6	3 22	12 26.12	- 2 27.6	1.875	2.868	1.9	20.9
4 1	12 18.25	+ 0 16.4	2.731	3.724	2.0	20.7	4 1	12 17.50	- 1 35.5	1.881	2.875	2.4	20.9
4 11	12 11.38	+ 0 56.5	2.759	3.720	5.1	20.9	4 11	12 9.45	- 0 47.1	1.915	2.882	6.4	21.2
4 21	12 5.38	+ 1 29.8	2.815	3.716	7.9	21.1	4 21	12 2.74	- 0 7.4	1.977	2.888	10.1	21.4
5 1	12 0.69	+ 1 53.7	2.896	3.712	10.3	21.2	5 1	11 57.95	+ 0 20.1	2.061	2.894	13.3	21.7
<b>498829</b>	2008 <i>VZ</i> <sub>78</sub>		3 26.5 14°27	5.7/20.1	17		<b>462144</b>	2007 <i>TW</i> <sub>29</sub>		3 26.5 137°89	0.3/26.3	18	
2 21	12 43.19	+11 37.1	2.007	2.863	11.9	20.7	2 21	12 48.89	- 4 6.3	1.857	2.680	14.1	22.4
3 2	12 38.98	+12 52.5	1.945	2.864	9.0	20.5	3 2	12 43.29	- 3 33.9	1.786	2.692	10.5	22.2
3 12	12 32.91	+14 7.4	1.907	2.865	6.5	20.4	3 12	12 35.59	- 2 49.0	1.740	2.703	6.4	22.0
3 22	12 25.65	+15 14.4	1.897	2.866	5.7	20.3	3 22	12 26.51	- 1 56.2	1.720	2.714	2.0	21.7
4 1	12 18.02	+16 6.3	1.914	2.867	7.3	20.4	4 1	12 17.05	- 1 1.5	1.729	2.724	2.6	21.7
4 11	12 10.95	+16 38.2	1.957	2.869	10.1	20.6	4 11	12 8.24	- 0 11.6	1.767	2.733	7.0	22.0
4 21	12 5.19	+16 48.1	2.023	2.870	12.9	20.8	4 21	12 0.97	+ 0 28.2	1.831	2.741	10.9	22.3
5 1	12 1.29	+16 36.5	2.110	2.872	15.4	21.0	5 1	11 55.83	+ 0 54.3	1.918	2.749	14.2	22.5
<b>406490</b>	2007 <i>VT</i> <sub>11</sub>		3 26.5 155°19	1.7/24.8	18		<b>224563</b>	2005 <i>WC</i> <sub>189</sub>		3 26.5 224°34	5.8/2.0	18	
2 21	12 48.52	- 0 6.5	2.053	2.882	12.7	22.5	2 21	12 44.46	-22 26.6	2.113	2.854	15.3	20.2
3 2	12 42.83	+ 0 41.8	1.981	2.891	9.4	22.3	3 2	12 40.13	-22 26.3	2.014	2.848	12.9	20.1
3 12	12 35.23	+ 1 38.9	1.934	2.900	5.6	22.1	3 12	12 33.77	-22 2.2	1.937	2.842	10.0	19.9
3 22	12 26.37	+ 2 39.5	1.915	2.908	2.1	21.9	3 22	12 25.98	-21 13.7	1.883	2.835	7.3	19.7
4 1	12 17.16	+ 3 37.1	1.926	2.915	3.5	22.0	4 1	12 17.62	-20 3.0	1.856	2.828	5.8	19.6
4 11	12 8.54	+ 4 25.9	1.966	2.921	7.3	22.2	4 11	12 9.69	-18 36.0	1.856	2.820	6.9	19.6
4 21	12 1.29	+ 5 1.5	2.033	2.927	10.8	22.5	4 21	12 3.05	-17 0.9	1.884	2.813	9.6	19.8
5 1	11 56.00	+ 5 21.6	2.122	2.931	13.8	22.7	5 1	11 58.38	-15 26.3	1.937	2.805	12.6	19.9
<b>126551</b>	2002 <i>CM</i> <sub>98</sub>		3 26.5 104°57	1.1/25.4	18 R		<b>325202</b>	2008 <i>FX</i> <sub>133</sub>		3 26.5 342°49	2.3/24.8	17	
2 21	12 44.84	- 2 3.2	1.905	2.740	13.3	20.3	2 21	12 46.56	+ 1 28.0	1.476	2.329	15.5	20.5
3 2	12 40.25	- 1 20.1	1.834	2.747	9.8	20.1	3 2	12 42.16	+ 1 54.2	1.402	2.325	11.5	20.3
3 12	12 33.72	- 0 26.1	1.787	2.754	5.9	19.8	3 12	12 35.20	+ 2 29.5	1.351	2.321	7.0	20.0
3 22	12 25.91	+ 0 33.5	1.767	2.761	1.9	19.6	3 22	12 26.45	+ 3 7.8	1.324	2.317	2.7	19.7
4 1	12 17.72	+ 1 32.5	1.776	2.768	3.1	19.7	4 1	12 17.08	+ 3 42.1	1.324	2.314	4.4	19.8
4 11	12 10.11	+ 2 24.2	1.812	2.774	7.2	19.9	4 11	12 8.39	+ 4 5.4	1.349	2.311	9.1	20.1
4 21	12 3.89	+ 3 3.6	1.874	2.781	10.9	20.2	4 21	12 1.47	+ 4 13.3	1.398	2.308	13.6	20.3
5 1	11 59.62	+ 3 27.7	1.959	2.787	14.1	20.4	5 1	11 57.07	+ 4 3.5	1.467	2.307	17.4	20.6
<b>406535</b>	2007 <i>VN</i> <sub>320</sub>		3 26.5 187°04	2.4/24.1	18		<b>519350</b>	2011 <i>HZ</i> <sub>103</sub>		3 26.5 290°98	1.6/25.0	17	
2 21	12 48.47	+ 1 56.3	2.050	2.884	12.5	21.9	2 21	12 45.09	+ 0 3.6	1.877	2.718	13.2	21.3
3 2	12 42.89	+ 2 47.2	1.971	2.884	9.3	21.7	3 2	12 40.67	+ 0 34.7	1.788	2.704	9.9	21.1
3 12	12 35.33	+ 3 45.6	1.917	2.883	5.6	21.5	3 12	12 34.13	+ 1 15.2	1.723	2.691	6.0	20.8
3 22	12 26.43	+ 4 46.0	1.890	2.881	2.6	21.3	3 22	12 26.10	+ 2 0.3	1.684	2.677	2.1	20.5
4 1	12 17.08	+ 5 41.9	1.894	2.879	4.1	21.4	4 1	12 17.48	+ 2 44.0	1.673	2.664	3.6	20.6
4 11	12 8.26	+ 6 27.3	1.926	2.876	7.8	21.6	4 11	12 9.29	+ 3 20.1	1.690	2.650	7.7	20.8
4 21	12 0.79	+ 6 57.9	1.985	2.872	11.4	21.8	4 21	12 2.45	+ 3 43.8	1.732	2.637	11.7	21.0
5 1	11 55.28	+ 7 11.9	2.065	2.867	14.4	22.0	5 1	11 57.66	+ 3 52.2	1.796	2.624	15.2	21.2
<b>140868</b>	2001 <i>VQ</i> <sub>10</sub>		3 26.5 149°28	4.1/31.6	18		<b>246976</b>	1999 <i>TY</i> <sub>190</sub>		3 26.5 139°55	3.6/30.2	18	
2 21	12 44.15	-18 27.0	2.633	3.384	12.4	20.4	2 21	12 49.92	-15 2.4	2.140	2.910	14.3	22.1
3 2	12 39.40	-18 33.3	2.544	3.389	10.1	20.2	3 2	12 43.90	-15 6.2	2.061	2.925	11.4	21.9
3 12	12 33.08	-18 23.2	2.478	3.394	7.6	20.1	3 12	12 35.92	-14 52.0	2.006	2.938	8.1	21.7
3 22	12 25.70	-17 57.1	2.437	3.399	5.2	19.9	3 22	12 26.62	-14 21.0	1.977	2.951	4.9	21.5
4 1	12 17.96	-17 17.0	2.426	3.404	4.1	19.9	4 1	12 16.93	-13 36.2	1.976	2.964	3.7	21.5
4 11	12 10.61	-16 27.1	2.443	3.408	5.4	19.9	4 11	12 7.81	-12 43.3	2.005	2.975	6.0	21.6
4 21	12 4.28	-15 32.4	2.488	3.412	7.8	20.1	4 21	12 0.10	-11 48.3	2.062	2.985	9.2	21.9
5 1	11 59.50	-14 38.4	2.558	3.416	10.3	20.3	5 1	11 54.38	-10 57.5	2.144	2.995	12.2	22.1
<b>19912</b>	Aurapenenta		3 26.5 220°42	2.9/29.3	18		<b>115236</b>	2003 <i>SS</i> <sub>146</sub>		3 26.5 190°73	2.0/2		

EPHEMERIDES

3 26.5

3 26.5

2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$	2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$
<b>234034</b>	1998 <i>UE</i> <sub>44</sub>		3 26.5 215°07	0°3/26.8	17		<b>229243</b>	2004 <i>XJ</i> <sub>122</sub>		3 26.5 113°75	2°6/23.7	18	
2 21	12 44.59	- 5 21.6	2.237	3.054	12.2	21.4	2 21	12 44.77	+ 2 36.8	2.059	2.901	12.2	20.4
3 2	12 39.92	- 4 58.0	2.149	3.051	9.2	21.2	3 2	12 40.05	+ 3 33.5	1.993	2.911	8.9	20.2
3 12	12 33.50	- 4 22.8	2.086	3.047	5.7	21.0	3 12	12 33.54	+ 4 36.8	1.953	2.921	5.4	20.0
3 22	12 25.87	- 3 39.4	2.050	3.043	1.9	20.7	3 22	12 25.88	+ 5 40.5	1.940	2.930	2.7	19.9
4 1	12 17.82	- 2 52.1	2.043	3.038	2.1	20.7	4 1	12 17.91	+ 6 38.3	1.957	2.940	4.3	20.0
4 11	12 10.17	- 2 6.5	2.066	3.034	5.9	21.0	4 11	12 10.51	+ 7 24.5	2.001	2.949	7.7	20.2
4 21	12 3.68	- 1 27.4	2.115	3.029	9.5	21.2	4 21	12 4.40	+ 7 55.3	2.071	2.958	11.0	20.4
5 1	11 58.92	- 0 58.4	2.188	3.024	12.5	21.3	5 1	12 0.11	+ 8 9.2	2.163	2.967	13.8	20.6
<b>402090</b>	2003 <i>UU</i> <sub>255</sub>		3 26.5 124°65	2°0/24.6	18		<b>20644</b>	Amritdas		3 26.5 336°43	0°3/26.8	18	
2 21	12 48.61	+ 0 27.5	1.894	2.728	13.4	21.9	2 21	12 44.21	- 5 42.2	1.846	2.673	14.0	18.6
3 2	12 42.97	+ 1 18.6	1.831	2.745	9.8	21.7	3 2	12 39.97	- 5 15.9	1.765	2.671	10.6	18.3
3 12	12 35.33	+ 2 18.2	1.794	2.761	5.9	21.5	3 12	12 33.67	- 4 35.5	1.707	2.670	6.6	18.1
3 22	12 26.43	+ 3 20.3	1.784	2.776	2.3	21.3	3 22	12 25.97	- 3 44.9	1.676	2.669	2.2	17.8
4 1	12 17.22	+ 4 18.1	1.803	2.791	3.8	21.5	4 1	12 17.77	- 2 49.8	1.672	2.667	2.4	17.8
4 11	12 8.72	+ 5 5.3	1.850	2.805	7.7	21.7	4 11	12 10.10	- 1 56.8	1.696	2.666	6.7	18.1
4 21	12 1.72	+ 5 37.9	1.923	2.818	11.3	22.0	4 21	12 3.81	- 1 12.1	1.746	2.665	10.8	18.3
5 1	11 56.78	+ 5 53.8	2.019	2.830	14.4	22.2	5 1	11 59.55	- 0 40.1	1.818	2.664	14.3	18.5
<b>56796</b>	2000 <i>PT</i>		3 26.5 175°20	2°3/28.8	18		<b>349938</b>	2010 <i>AP</i> <sub>29</sub>		3 26.5 116°29	2°7/24.5	18	
2 21	12 45.77	- 11 5.6	1.940	2.742	14.4	19.3	2 21	12 50.37	+ 1 17.0	1.395	2.245	16.4	20.7
3 2	12 41.07	- 10 54.9	1.856	2.743	11.2	19.1	3 2	12 44.97	+ 2 2.7	1.333	2.254	12.1	20.4
3 12	12 34.31	- 10 27.0	1.794	2.744	7.6	18.9	3 12	12 36.87	+ 2 58.7	1.294	2.263	7.3	20.2
3 22	12 26.16	- 9 44.1	1.759	2.744	3.8	18.7	3 22	12 26.99	+ 3 57.4	1.280	2.272	3.1	19.9
4 1	12 17.49	- 8 50.4	1.751	2.745	2.7	18.6	4 1	12 16.60	+ 4 50.0	1.292	2.281	4.9	20.1
4 11	12 9.34	- 7 52.5	1.771	2.745	6.2	18.8	4 11	12 7.13	+ 5 28.6	1.331	2.289	9.7	20.4
4 21	12 2.57	- 6 56.9	1.818	2.745	10.0	19.0	4 21	11 59.67	+ 5 48.6	1.393	2.297	14.1	20.6
5 1	11 57.81	- 6 9.5	1.889	2.745	13.4	19.3	5 1	11 54.92	+ 5 48.2	1.475	2.304	17.8	20.9
<b>403802</b>	2011 <i>UU</i> <sub>48</sub>		3 26.5 97°60	0°9/27.4	18		<b>118495</b>	2000 <i>DV</i> <sub>9</sub>		3 26.5 64°64	3°0/24.1	18	
2 21	12 48.77	- 7 45.1	1.613	2.433	16.0	21.9	2 21	12 45.65	- 0 23.8	1.256	2.116	17.2	19.6
3 2	12 43.39	- 7 14.3	1.552	2.454	12.1	21.7	3 2	12 41.65	+ 0 52.3	1.199	2.126	12.7	19.4
3 12	12 35.71	- 6 26.2	1.514	2.473	7.6	21.5	3 12	12 34.91	+ 2 23.2	1.164	2.136	7.6	19.1
3 22	12 26.57	- 5 25.3	1.501	2.493	2.8	21.3	3 22	12 26.37	+ 3 59.1	1.153	2.146	3.2	18.9
4 1	12 17.08	- 4 18.7	1.516	2.512	2.5	21.3	4 1	12 17.35	+ 5 28.1	1.168	2.156	5.4	19.0
4 11	12 8.42	- 3 14.5	1.559	2.530	7.1	21.6	4 11	12 9.25	+ 6 39.4	1.208	2.166	10.4	19.3
4 21	12 1.52	- 2 19.7	1.627	2.548	11.3	21.9	4 21	12 3.18	+ 7 26.6	1.270	2.177	15.0	19.6
5 1	11 56.99	- 1 39.2	1.718	2.566	14.9	22.2	5 1	11 59.83	+ 7 47.5	1.351	2.187	18.8	19.9
<b>379266</b>	2009 <i>UF</i> <sub>51</sub>		3 26.5 163°23	1°3/27.9	17		<b>432189</b>	2009 <i>DB</i> <sub>7</sub>		3 26.5 65°83	3°9/22.5	18	
2 21	12 45.54	- 8 48.3	2.121	2.928	13.2	21.3	2 21	12 45.11	+ 6 27.1	1.923	2.773	12.5	20.8
3 2	12 40.69	- 8 26.0	2.039	2.931	10.1	21.1	3 2	12 40.31	+ 7 25.6	1.872	2.792	9.2	20.6
3 12	12 33.99	- 7 49.1	1.980	2.934	6.5	20.9	3 12	12 33.68	+ 8 26.8	1.845	2.811	5.9	20.4
3 22	12 26.04	- 7 0.5	1.948	2.937	2.8	20.7	3 22	12 25.91	+ 9 24.0	1.846	2.830	3.9	20.4
4 1	12 17.67	- 6 4.8	1.945	2.940	2.1	20.6	4 1	12 17.91	+ 10 10.7	1.875	2.849	5.5	20.5
4 11	12 9.78	- 5 8.0	1.971	2.942	5.8	20.9	4 11	12 10.60	+ 10 41.8	1.931	2.868	8.6	20.7
4 21	12 3.16	- 4 16.0	2.024	2.944	9.5	21.1	4 21	12 4.71	+ 10 55.1	2.012	2.887	11.7	20.9
5 1	11 58.38	- 3 33.4	2.101	2.945	12.7	21.3	5 1	12 0.73	+ 10 50.3	2.113	2.906	14.4	21.2
<b>219343</b>	2000 <i>QR</i> <sub>111</sub>		3 26.5 131°82	1°1/27.7	17		<b>230401</b>	2002 <i>JQ</i> <sub>102</sub>		3 26.5 310°04	4°9/21.9	17	
2 21	12 47.83	- 7 28.6	2.188	2.993	12.9	20.8	2 21	12 45.37	+ 8 32.4	1.782	2.637	13.1	19.8
3 2	12 42.25	- 7 17.7	2.113	3.005	9.8	20.7	3 2	12 40.93	+ 9 26.1	1.705	2.627	9.9	19.6
3 12	12 34.87	- 6 54.5	2.061	3.017	6.3	20.5	3 12	12 34.31	+ 10 22.4	1.653	2.617	6.6	19.4
3 22	12 26.30	- 6 21.4	2.038	3.028	2.5	20.2	3 22	12 26.19	+ 11 13.8	1.626	2.607	4.9	19.3
4 1	12 17.38	- 5 42.7	2.044	3.039	2.1	20.2	4 1	12 17.52	+ 11 53.1	1.627	2.598	6.6	19.3
4 11	12 9.01	- 5 3.4	2.079	3.049	5.7	20.5	4 11	12 9.41	+ 12 14.4	1.654	2.588	10.1	19.5
4 21	12 1.92	- 4 28.3	2.142	3.059	9.2	20.7	4 21	12 2.77	+ 12 15.1	1.705	2.579	13.6	19.7
5 1	11 56.68	- 4 1.3	2.228	3.068	12.2	20.9	5 1	11 58.27	+ 11 54.8	1.775	2.571	16.6	19.9
<b>385286</b>	2001 <i>SA</i> <sub>355</sub>		3 26.5 97°62	1°5/28.2	17		<b>284687</b>	2008 <i>SF</i> <sub>32</sub>		3 26.5 285°30	3°7/29.3	17	
2 21	12 47.08	- 8 31.7	2.509	3.305	11.7	21.1	2 21	12 45.87	- 12 57.8	1.382	2.199	18.4	21.5
3 2	12 41.44	- 8 32.5	2.439	3.325	9.0	20.9	3 2	12 42.25	- 12 55.0	1.282	2.176	14.7	21.2
3 12	12 34.25	- 8 22.3	2.394	3.345	5.8	20.8	3 12	12 35.68	- 12 26.6	1.202	2.153	10.3	20.8
3 22	12 26.08	- 8 2.9	2.377	3.365	2.7	20.6	3 22	12 26.77	- 11 32.6	1.145	2.129	5.6	20.5
4 1	12 17.66	- 7 37.5	2.390	3.385	2.0	20.6	4 1	12 16.70	- 10 17.4	1.112	2.106	4.0	20.3
4 11	12 9.75	- 7 10.0	2.433	3.404	5.0	20.8	4 11	12 6.98	- 8 50.3	1.105	2.082	8.4	20.5
4 21	12 2.98	- 6 44.2	2.504	3.423	8.0	21.0	4 21	11 59.03	- 7 23.0	1.121	2.058	13.7	20.7
5 1	11 57.83	- 6 23.7	2.601	3.441	10.7	21.2	5 1	11 53.96	- 6 6.4	1.158	2.035	18.6	20.9
<b>240010</b>	2001 <i>TK</i> <sub>142</sub>		3 26.5 179°32	1°7/24.3	17		<b>410052</b>	2007 <i>AO</i> <sub>25</sub>		3 26.5 104°80	1°2/25.3	18	
2 21	12 43.24	+ 1 32.1	2.768	3.598	9.8	21.5	2 21	12 47.14	- 2 23.2	2.018	2.845	13.0	21.5
3 2	12 38.56	+ 2 16.5	2.687	3.599	7.2	21.4	3 2	12 41.73	- 1 27.5	1.960	2.869	9.5	21.3
3 12	12 32.50	+ 3 6.6	2.633	3.600	4.3	21.2	3 12	12 34.50	- 0 21.6	1.927	2.893	5.7	21.1
3 22	12 25.54	+ 3 58.3	2.609	3.600	1.9	21.0	3 22	12 26.18	+ 0 49.0	1.923	2.916	1.8	20.9
4 1	12 18.29	+ 4 47.1	2.614	3.600	3.1	21.1	4 1	12 17.62	+ 1 57.6	1.947	2.939	3.0	21.0
4 11	12 11.40	+ 5 28.8	2.649	3.599	5.9	21.3	4 11	12 9.76	+ 2 57.7	2.001	2.961	6.8	21.3
4 21	12 5.44	+ 6 0.2	2.712	3.599	8.7	21.4	4 21	12 3.29	+ 3 44.8	2.082	2.982	10.3	21.5
5 1	12 0.86	+ 6 19.4	2.798	3.597	11.1	21.6	5 1	11 58.72	+ 4 16.3	2.185	3.002	13.2	21.8
<b>331805</b>	2003 <i>SS</i> <sub>10</sub>		3 26.5 229°51	0°6/27.2	17		<b>464041</b>	2014 <i>WO</i> <sub>185</sub>		3 26.5 340°51			

EPHEMERIDES

3 26.5

3 26.6

2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$	2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$
<b>468112</b>	2013 YK <sub>38</sub>		3 26.5 289°14	6°7/20.3	17		<b>302366</b>	2002 CJ <sub>10</sub>		3 26.6 145°86	7°9/16.2	18	
2 21	12 48.36	+14 47.2	1.876	2.726	12.8	20.6	2 21	12 50.26	+20 37.9	2.282	3.116	11.4	20.6
3 2	12 43.04	+15 40.9	1.806	2.719	10.0	20.4	3 2	12 44.00	+22 33.2	2.241	3.133	9.4	20.5
3 12	12 35.53	+16 30.9	1.760	2.711	7.5	20.2	3 12	12 35.91	+24 20.2	2.228	3.148	8.1	20.4
3 22	12 26.57	+17 9.5	1.741	2.704	6.7	20.2	3 22	12 26.65	+25 50.2	2.242	3.163	8.2	20.4
4 1	12 17.13	+17 29.9	1.748	2.697	8.3	20.2	4 1	12 17.13	+26 56.5	2.285	3.176	9.6	20.5
4 11	12 8.31	+17 28.0	1.781	2.689	11.1	20.4	4 11	12 8.26	+27 35.7	2.353	3.188	11.6	20.7
4 21	12 1.02	+17 3.1	1.837	2.682	14.1	20.6	4 21	12 0.80	+27 48.1	2.443	3.199	13.6	20.8
5 1	11 55.90	+16 17.0	1.913	2.675	16.8	20.7	5 1	11 55.28	+27 36.1	2.552	3.209	15.3	21.0
<b>285893</b>	2001 QT <sub>15</sub>		3 26.5 239°87	0°3/26.8	17		<b>468770</b>	2011 QV <sub>31</sub>		3 26.6 237°43	6°0/2.9	17	
2 21	12 50.59	- 4 58.0	1.733	2.555	15.0	20.7	2 21	12 44.94	-24 34.0	2.640	3.351	13.3	21.4
3 2	12 45.08	- 4 42.6	1.636	2.540	11.5	20.4	3 2	12 40.22	-24 57.4	2.533	3.340	11.4	21.2
3 12	12 37.05	- 4 13.2	1.563	2.524	7.2	20.1	3 12	12 33.76	-25 1.9	2.448	3.329	9.2	21.1
3 22	12 27.13	- 3 32.8	1.515	2.508	2.4	19.8	3 22	12 26.05	-24 46.1	2.386	3.318	7.2	20.9
4 1	12 16.38	- 2 46.8	1.496	2.491	2.7	19.7	4 1	12 17.80	-24 10.8	2.352	3.307	6.1	20.8
4 11	12 6.05	- 2 2.2	1.505	2.473	7.6	20.0	4 11	12 9.83	-23 19.2	2.346	3.295	6.6	20.8
4 21	11 57.28	+ 1 25.4	1.539	2.455	12.2	20.2	4 21	12 2.89	-22 16.6	2.367	3.283	8.5	20.9
5 1	11 50.90	- 1 1.3	1.596	2.436	16.2	20.4	5 1	11 57.59	-21 9.2	2.413	3.271	10.8	21.1
<b>325329</b>	2008 JR <sub>19</sub>		3 26.6 307°81	2°4/24.3	17		<b>167839</b>	2005 CN <sub>59</sub>		3 26.6 70°26	1°2/27.5	18	
2 21	12 42.76	- 0 22.5	1.557	2.410	14.8	20.9	2 21	12 47.07	- 8 9.6	1.439	2.268	17.1	19.8
3 2	12 39.31	+ 0 40.7	1.474	2.397	11.0	20.6	3 2	12 42.42	- 7 41.6	1.379	2.285	13.0	19.6
3 12	12 33.49	+ 1 57.9	1.414	2.385	6.6	20.3	3 12	12 35.27	- 6 54.1	1.341	2.302	8.3	19.3
3 22	12 25.98	+ 3 22.1	1.379	2.372	2.7	20.1	3 22	12 26.51	- 5 52.0	1.327	2.319	3.2	19.1
4 1	12 17.80	+ 4 44.0	1.372	2.360	4.7	20.2	4 1	12 17.34	- 4 42.9	1.340	2.336	2.6	19.1
4 11	12 10.14	+ 5 54.0	1.390	2.348	9.3	20.4	4 11	12 9.06	- 3 35.8	1.380	2.354	7.5	19.4
4 21	12 4.04	+ 6 45.1	1.431	2.337	13.7	20.6	4 21	12 2.64	- 2 38.8	1.444	2.371	12.0	19.7
5 1	12 0.25	+ 7 13.6	1.493	2.326	17.5	20.8	5 1	11 58.74	- 1 57.3	1.529	2.388	15.9	20.0
<b>500866</b>	2013 JJ <sub>29</sub>		3 26.6 284°93	1°8/28.1	17		<b>499907</b>	2011 GX <sub>39</sub>		3 26.6 340°78	3°4/23.7	17	
2 21	12 44.50	-10 13.8	1.589	2.409	16.2	22.4	2 21	12 45.49	+ 4 10.5	1.646	2.500	14.1	21.2
3 2	12 40.81	- 9 45.4	1.486	2.385	12.7	22.1	3 2	12 41.14	+ 4 49.9	1.572	2.495	10.5	20.9
3 12	12 34.57	- 8 54.2	1.404	2.361	8.4	21.8	3 12	12 34.50	+ 5 35.3	1.522	2.490	6.5	20.7
3 22	12 26.38	- 7 42.7	1.347	2.336	3.7	21.4	3 22	12 26.29	+ 6 20.5	1.497	2.486	3.5	20.5
4 1	12 17.26	- 6 16.8	1.316	2.312	2.8	21.3	4 1	12 17.55	+ 6 58.2	1.499	2.483	5.2	20.6
4 11	12 8.47	- 4 46.1	1.312	2.287	7.7	21.5	4 11	12 9.42	+ 7 22.2	1.527	2.480	9.2	20.8
4 21	12 1.21	- 3 20.6	1.333	2.262	12.7	21.7	4 21	12 2.87	+ 7 28.7	1.580	2.477	13.1	21.0
5 1	11 56.38	- 2 9.2	1.375	2.237	17.1	21.9	5 1	11 58.58	+ 7 16.6	1.652	2.475	16.6	21.2
<b>212067</b>	2005 ER <sub>40</sub>		3 26.6 300°36	1°9/25.0	18		<b>232307</b>	2002 SN <sub>14</sub>		3 26.6 231°10	1°0/25.5	18	
2 21	12 44.29	- 1 22.4	1.462	2.313	15.7	19.9	2 21	12 44.45	- 1 25.0	2.250	3.079	11.7	20.6
3 2	12 40.73	- 0 35.8	1.370	2.292	11.8	19.6	3 2	12 39.83	- 0 52.4	2.164	3.074	8.7	20.4
3 12	12 34.54	+ 0 26.5	1.300	2.270	7.2	19.3	3 12	12 33.47	- 0 10.9	2.103	3.068	5.3	20.2
3 22	12 26.37	+ 1 38.3	1.255	2.249	2.5	18.9	3 22	12 25.94	+ 0 35.5	2.069	3.063	1.7	19.9
4 1	12 17.30	+ 2 50.7	1.237	2.228	4.3	19.0	4 1	12 17.97	+ 1 21.6	2.065	3.057	2.7	20.0
4 11	12 8.68	+ 3 53.9	1.243	2.207	9.5	19.2	4 11	12 10.42	+ 2 2.4	2.089	3.050	6.4	20.2
4 21	12 1.70	+ 4 40.2	1.273	2.187	14.4	19.4	4 21	12 4.00	+ 2 33.6	2.140	3.044	9.9	20.4
5 1	11 57.28	+ 5 4.7	1.323	2.166	18.7	19.6	5 1	11 59.29	+ 2 52.3	2.215	3.038	12.9	20.6
<b>317140</b>	2001 UU <sub>128</sub>		3 26.6 127°25	2°1/24.8	18		<b>520153</b>	2014 CC <sub>25</sub>		3 26.6 327°10	4°5/30.2	17	
2 21	12 52.16	+ 3 6.8	1.925	2.757	13.3	20.5	2 21	12 46.84	-14 10.0	1.974	2.760	14.8	20.2
3 2	12 45.65	+ 3 18.2	1.855	2.766	9.9	20.3	3 2	12 42.08	-14 53.4	1.877	2.748	12.0	20.0
3 12	12 37.03	+ 3 34.2	1.810	2.775	6.0	20.1	3 12	12 35.11	-15 21.3	1.802	2.736	8.8	19.8
3 22	12 27.02	+ 3 50.3	1.792	2.784	2.5	19.9	3 22	12 26.53	-15 32.9	1.752	2.724	5.7	19.6
4 1	12 16.64	+ 4 1.9	1.804	2.792	3.8	20.0	4 1	12 17.22	-15 29.1	1.729	2.714	4.6	19.5
4 11	12 6.96	+ 4 4.8	1.845	2.801	7.6	20.2	4 11	12 8.25	-15 13.5	1.734	2.703	6.8	19.6
4 21	11 58.83	+ 3 56.6	1.912	2.808	11.3	20.4	4 21	12 0.61	-14 51.1	1.765	2.693	10.1	19.7
5 1	11 52.88	+ 3 36.2	2.002	2.816	14.4	20.7	5 1	11 55.05	-14 27.8	1.819	2.684	13.4	19.9
<b>439735</b>	2015 FX <sub>174</sub>		3 26.6 5°29	5°7/20.9	17		<b>246189</b>	2007 RE <sub>69</sub>		3 26.6 122°15	0°6/25.9	17	
2 21	12 42.53	+10 4.2	1.698	2.562	13.3	20.5	2 21	12 45.06	- 2 22.1	2.211	3.037	12.0	21.4
3 2	12 38.80	+11 15.4	1.637	2.562	10.0	20.3	3 2	12 40.22	- 1 54.8	2.135	3.043	8.9	21.2
3 12	12 32.97	+12 27.5	1.600	2.563	7.0	20.1	3 12	12 33.66	- 1 18.4	2.085	3.050	5.4	21.0
3 22	12 25.76	+13 32.1	1.589	2.564	5.8	20.0	3 22	12 25.98	- 0 36.8	2.062	3.056	1.7	20.7
4 1	12 18.14	+14 21.1	1.604	2.567	7.6	20.1	4 1	12 17.95	+ 0 5.3	2.068	3.062	2.5	20.8
4 11	12 11.17	+14 48.8	1.644	2.569	10.7	20.3	4 11	12 10.42	+ 0 42.7	2.103	3.067	6.2	21.0
4 21	12 5.69	+14 53.1	1.707	2.573	14.0	20.5	4 21	12 4.08	+ 1 11.4	2.165	3.073	9.6	21.2
5 1	12 2.31	+14 34.5	1.789	2.577	16.8	20.7	5 1	11 59.48	+ 1 28.5	2.251	3.078	12.5	21.4
<b>522862</b>	2016 NS <sub>87</sub>		3 26.6 257°43	0°9/27.8	16		<b>219644</b>	2001 UW <sub>81</sub>		3 26.6 193°67	0°8/25.7	17	
2 21	12 41.39	- 9 58.2	2.703	3.500	10.9	22.4	2 21	12 46.84	- 2 9.6	2.404	3.223	11.4	21.8
3 2	12 37.39	- 9 1.3	2.592	3.480	8.4	22.2	3 2	12 41.49	- 1 33.9	2.316	3.221	8.5	21.6
3 12	12 31.92	- 7 49.1	2.507	3.460	5.4	21.9	3 12	12 34.44	- 0 49.1	2.254	3.218	5.1	21.4
3 22	12 25.42	- 6 24.7	2.450	3.440	2.2	21.7	3 22	12 26.24	+ 0 0.9	2.220	3.214	1.6	21.2
4 1	12 18.50	- 4 52.8	2.423	3.419	1.7	21.6	4 1	12 17.64	+ 0 51.2	2.217	3.209	2.5	21.2
4 11	12 11.83	- 3 19.7	2.428	3.398	5.0	21.8	4 11	12 9.45	+ 1 36.8	2.244	3.204	6.1	21.5
4 21	12 6.04	- 1 51.5	2.461	3.376	8.3	22.0	4 21	12 2.36	+ 2 13.4	2.298	3.198	9.4	21.7
5 1	12 1.64	- 0 33.2	2.521	3.354	11.2	22.1	5 1	11 56.94	+ 2 38.2	2.376	3.192	12.3	21.8
<b>145766</b>	1997 MX		3 26.6 162°27	2°4/23.7	18		<b>295299</b>	Nannidiana		3 26.6 189°90	6°0/20.2	16	
2 21	12 46.40	+ 2 26.2	2.377	3.209	11.1								



EPHEMERIDES

3 26.6

3 26.6

2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$	2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$
<b>187867</b>	2000 <i>OJ</i> <sub>60</sub>		3 26.6 209°55	1°6/24.6	17		<b>14783</b>	3152 <i>T</i> <sub>-3</sub>		3 26.6 249°51	1°0/25.5	18	
2 21	12 45.45	+ 0 5.3	2.543	3.368	10.7	21.6	2 21	12 44.38	- 1 28.8	2.238	3.068	11.8	18.6
3 2	12 40.41	+ 0 56.5	2.451	3.361	7.9	21.4	3 2	12 39.82	- 0 57.2	2.149	3.059	8.8	18.4
3 12	12 33.76	+ 1 55.6	2.386	3.352	4.7	21.2	3 12	12 33.50	- 0 16.6	2.085	3.051	5.3	18.2
3 22	12 26.03	+ 2 58.2	2.350	3.343	1.9	21.0	3 22	12 25.97	+ 0 29.0	2.049	3.042	1.7	17.9
4 1	12 17.89	+ 3 59.1	2.345	3.333	3.1	21.1	4 1	12 17.99	+ 1 14.7	2.041	3.034	2.7	17.9
4 11	12 10.10	+ 4 53.0	2.370	3.322	6.4	21.3	4 11	12 10.40	+ 1 55.2	2.063	3.025	6.5	18.2
4 21	12 3.33	+ 5 35.9	2.421	3.310	9.5	21.4	4 21	12 3.95	+ 2 26.2	2.111	3.016	10.0	18.4
5 1	11 58.09	+ 6 5.0	2.497	3.298	12.2	21.6	5 1	11 59.20	+ 2 44.6	2.182	3.007	13.0	18.5
<b>276617</b>	2003 <i>UN</i> <sub>102</sub>		3 26.6 223°33	2°7/29.7	18		<b>497952</b>	2006 <i>WF</i> <sub>195</sub>		3 26.6 140°23	2°1/23.7	18	
2 21	12 45.11	-13 42.8	2.574	3.349	12.0	21.9	2 21	12 43.39	+ 3 45.5	2.860	3.692	9.4	21.8
3 2	12 40.24	-13 33.6	2.470	3.338	9.5	21.7	3 2	12 38.61	+ 4 27.8	2.789	3.702	6.9	21.7
3 12	12 33.72	-13 9.4	2.389	3.327	6.7	21.5	3 12	12 32.52	+ 5 13.7	2.746	3.712	4.2	21.5
3 22	12 26.03	-12 31.2	2.337	3.315	3.9	21.3	3 22	12 25.61	+ 5 59.3	2.732	3.721	2.2	21.4
4 1	12 17.87	-11 42.1	2.313	3.303	2.8	21.2	4 1	12 18.47	+ 6 40.4	2.748	3.729	3.4	21.5
4 11	12 10.02	-10 46.5	2.319	3.290	5.1	21.3	4 11	12 11.72	+ 7 13.2	2.794	3.738	6.0	21.7
4 21	12 3.16	- 9 49.7	2.354	3.277	8.2	21.5	4 21	12 5.90	+ 7 35.3	2.867	3.746	8.5	21.8
5 1	11 57.87	- 8 56.9	2.414	3.263	11.1	21.7	5 1	12 1.41	+ 7 45.4	2.963	3.753	10.8	22.0
<b>321075</b>	2008 <i>SJ</i> <sub>72</sub>		3 26.6 222°23	2°1/28.3	17		<b>65125</b>	2002 <i>CQ</i> <sub>62</sub>		3 26.6 201°96	6°8/16.8	18	
2 21	12 48.47	-10 24.3	1.713	2.521	15.8	21.7	2 21	12 43.18	+19 50.4	2.571	3.413	10.0	19.4
3 2	12 43.49	-10 5.1	1.621	2.513	12.3	21.5	3 2	12 38.71	+21 11.6	2.513	3.412	8.2	19.2
3 12	12 36.06	- 9 26.2	1.550	2.504	8.2	21.2	3 12	12 32.69	+22 26.7	2.481	3.410	7.0	19.2
3 22	12 26.84	- 8 29.8	1.505	2.494	3.8	20.9	3 22	12 25.68	+23 29.4	2.477	3.408	7.0	19.1
4 1	12 16.89	- 7 21.3	1.488	2.483	2.8	20.8	4 1	12 18.37	+24 14.1	2.500	3.406	8.3	19.2
4 11	12 7.42	- 6 8.7	1.499	2.472	7.1	21.1	4 11	12 11.51	+24 37.7	2.548	3.404	10.2	19.3
4 21	11 59.51	- 5 0.4	1.535	2.460	11.6	21.3	4 21	12 5.71	+24 39.5	2.620	3.402	12.1	19.5
5 1	11 53.97	- 4 3.5	1.594	2.448	15.6	21.5	5 1	12 1.47	+24 20.7	2.710	3.400	13.9	19.6
<b>338429</b>	2003 <i>CB</i> <sub>10</sub>		3 26.6 36°05	2°7/23.3	17		<b>418382</b>	2008 <i>HE</i> <sub>16</sub>		3 26.6 345°30	8°7/18.4	17	
2 21	12 40.91	+ 1 48.4	2.017	2.865	12.1	20.1	2 21	12 48.23	+18 18.6	1.674	2.529	13.9	20.8
3 2	12 37.28	+ 3 3.0	1.950	2.871	8.9	19.9	3 2	12 43.15	+19 37.6	1.618	2.528	11.2	20.7
3 12	12 31.92	+ 4 25.7	1.908	2.877	5.4	19.7	3 12	12 35.69	+20 49.4	1.586	2.527	9.1	20.5
3 22	12 25.44	+ 5 49.9	1.894	2.884	2.8	19.6	3 22	12 26.68	+21 44.0	1.578	2.526	8.8	20.5
4 1	12 18.63	+ 7 8.1	1.908	2.890	4.5	19.7	4 1	12 17.23	+22 13.6	1.596	2.526	10.5	20.6
4 11	12 12.33	+ 8 13.5	1.950	2.898	7.9	19.9	4 11	12 8.57	+22 14.2	1.638	2.525	13.2	20.8
4 21	12 7.25	+ 9 1.7	2.018	2.905	11.2	20.1	4 21	12 1.64	+21 46.2	1.701	2.525	16.0	20.9
5 1	12 3.91	+ 9 30.7	2.107	2.912	14.0	20.3	5 1	11 57.10	+20 52.7	1.782	2.524	18.5	21.1
<b>65731</b>	1993 <i>OH</i> <sub>6</sub>		3 26.6 126°03	3°0/23.9	18		<b>470143</b>	2006 <i>UJ</i> <sub>71</sub>		3 26.6 192°57	1°5/28.5	17	
2 21	12 47.98	+ 1 40.4	1.601	2.448	14.8	19.5	2 21	12 41.85	-10 35.6	2.651	3.445	11.2	22.0
3 2	12 42.91	+ 2 44.4	1.538	2.458	10.9	19.3	3 2	12 37.69	-10 4.7	2.560	3.444	8.6	21.8
3 12	12 35.52	+ 3 58.0	1.499	2.467	6.6	19.0	3 12	12 32.08	- 9 20.3	2.493	3.443	5.7	21.6
3 22	12 26.61	+ 5 13.3	1.486	2.477	3.1	18.8	3 22	12 25.51	- 8 24.9	2.454	3.441	2.7	21.4
4 1	12 17.27	+ 6 21.6	1.500	2.485	5.0	19.0	4 1	12 18.59	- 7 22.4	2.445	3.439	1.9	21.4
4 11	12 8.70	+ 7 15.2	1.542	2.494	9.2	19.2	4 11	12 12.03	- 6 17.9	2.465	3.437	4.8	21.5
4 21	12 1.84	+ 7 49.4	1.608	2.502	13.1	19.5	4 21	12 6.41	- 5 16.4	2.514	3.435	7.8	21.7
5 1	11 57.33	+ 8 2.5	1.694	2.509	16.5	19.7	5 1	12 2.21	- 4 22.4	2.588	3.432	10.6	21.9
<b>28556</b>	Kevinchen		3 26.6 219°03	0°9/25.6	17		<b>242357</b>	2004 <i>BA</i> <sub>99</sub>		3 26.6 333°66	2°8/23.5	18	
2 21	12 45.96	- 2 40.1	2.071	2.898	12.7	18.9	2 21	12 42.48	+ 2 59.3	2.043	2.890	12.1	20.1
3 2	12 41.13	- 1 56.7	1.982	2.891	9.5	18.7	3 2	12 38.51	+ 3 54.3	1.966	2.886	8.9	19.9
3 12	12 34.37	- 1 1.7	1.917	2.883	5.7	18.5	3 12	12 32.72	+ 4 56.1	1.915	2.883	5.4	19.7
3 22	12 26.25	+ 0 0.3	1.880	2.874	1.8	18.2	3 22	12 25.73	+ 5 58.9	1.891	2.880	2.9	19.5
4 1	12 17.63	+ 1 3.3	1.873	2.865	2.9	18.2	4 1	12 18.33	+ 6 56.2	1.895	2.878	4.4	19.6
4 11	12 9.43	+ 2 0.6	1.894	2.856	6.9	18.5	4 11	12 11.40	+ 7 41.9	1.927	2.875	7.9	19.8
4 21	12 2.49	+ 2 47.1	1.941	2.846	10.7	18.7	4 21	12 5.70	+ 8 12.1	1.983	2.873	11.3	20.0
5 1	11 57.43	+ 3 18.9	2.012	2.835	14.0	18.9	5 1	12 1.78	+ 8 24.9	2.062	2.870	14.2	20.2
<b>283030</b>	2007 <i>WG</i> <sub>8</sub>		3 26.6 242°07	4°1/31.3	18		<b>235399</b>	2003 <i>WN</i> <sub>163</sub>		3 26.6 161°05	0°7/27.4	17	
2 21	12 43.77	-17 36.2	2.376	3.138	13.3	20.7	2 21	12 44.60	- 6 56.6	2.257	3.069	12.3	21.4
3 2	12 39.39	-17 38.6	2.277	3.131	10.8	20.5	3 2	12 39.92	- 6 34.7	2.174	3.071	9.3	21.2
3 12	12 33.26	-17 23.1	2.200	3.123	8.0	20.3	3 12	12 33.52	- 6 0.4	2.116	3.074	5.9	21.0
3 22	12 25.90	-16 50.0	2.149	3.116	5.4	20.2	3 22	12 25.98	- 5 16.8	2.085	3.076	2.2	20.8
4 1	12 18.04	-16 1.6	2.126	3.108	4.1	20.1	4 1	12 18.05	- 4 28.3	2.082	3.078	1.9	20.8
4 11	12 10.54	-15 2.7	2.131	3.100	5.7	20.2	4 11	12 10.57	- 3 40.2	2.110	3.080	5.6	21.0
4 21	12 4.12	-13 59.3	2.164	3.092	8.6	20.3	4 21	12 4.24	- 2 57.4	2.164	3.081	9.1	21.2
5 1	11 59.40	-12 57.6	2.222	3.084	11.4	20.5	5 1	11 59.61	- 2 23.9	2.242	3.083	12.1	21.4
<b>17625</b>	Joseflada		3 26.6 133°28	5°4/18.5	18		<b>160178</b>	2001 <i>WK</i> <sub>61</sub>		3 26.6 293°29	5°5/22.8	18	
2 21	12 42.83	+15 34.7	2.781	3.625	9.3	19.8	2 21	12 50.27	+ 8 4.2	1.363	2.224	16.1	19.8
3 2	12 38.25	+16 53.5	2.728	3.635	7.3	19.7	3 2	12 45.31	+ 8 47.8	1.287	2.211	12.2	19.5
3 12	12 32.32	+18 8.8	2.703	3.646	5.7	19.6	3 12	12 37.39	+ 9 34.8	1.232	2.198	8.1	19.2
3 22	12 25.54	+19 14.9	2.706	3.656	5.5	19.6	3 22	12 27.33	+10 16.3	1.202	2.186	5.5	19.0
4 1	12 18.53	+20 6.9	2.737	3.666	6.7	19.7	4 1	12 16.42	+10 43.4	1.197	2.173	7.5	19.1
4 11	12 11.96	+20 41.4	2.796	3.675	8.6	19.8	4 11	12 6.22	+10 48.9	1.217	2.161	11.8	19.3
4 21	12 6.37	+20 57.3	2.879	3.684	10.6	20.0	4 21	11 58.02	+10 30.2	1.258	2.149	16.3	19.5
5 1	12 2.18	+20 55.0	2.983	3.693	12.4	20.1	5 1	11 52.71	+ 9 48.0	1.319	2.137	20.2	19.8
<b>463403</b>	2013 <i>HG</i> <sub>10</sub>		3 26.6 280°27	3°3/30.0	17		<b>504203</b>	2006 <i>TA</i> <sub>129</sub>		3 26.6 88°79	3°5/22.7	17	

EPHEMERIDES

3 26.6

3 26.6

2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$	2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$
<b>47152</b>	1999 <i>RB</i> <sub>92</sub>		3 26.6 148°43	0°8/27.2	18		<b>405190</b>	2003 <i>BK</i> <sub>4</sub>		3 26.6 125°60	1°4/24.9	18	
2 21	12 50.99	- 5 58.8	1.432	2.262	17.2	19.6	2 21	12 46.58	- 1 39.4	2.190	3.016	12.1	21.4
3 2	12 45.59	- 5 49.4	1.360	2.267	13.1	19.3	3 2	12 41.29	- 0 38.7	2.126	3.035	8.9	21.3
3 12	12 37.41	- 5 23.4	1.308	2.271	8.3	19.0	3 12	12 34.29	+ 0 31.5	2.088	3.053	5.3	21.1
3 22	12 27.30	- 4 44.5	1.282	2.274	3.0	18.7	3 22	12 26.23	+ 1 45.6	2.078	3.071	1.8	20.8
4 1	12 16.54	- 3 58.9	1.282	2.278	2.8	18.7	4 1	12 17.91	+ 2 57.3	2.098	3.087	3.1	21.0
4 11	12 6.56	- 3 14.5	1.309	2.281	8.1	19.0	4 11	12 10.17	+ 4 0.5	2.147	3.103	6.7	21.2
4 21	11 58.53	- 2 38.5	1.360	2.284	12.9	19.3	4 21	12 3.71	+ 4 50.7	2.224	3.119	10.0	21.5
5 1	11 53.26	- 2 16.1	1.432	2.286	17.0	19.6	5 1	11 59.01	+ 5 25.3	2.324	3.133	12.8	21.7
<b>193100</b>	2000 <i>GN</i> <sub>121</sub>		3 26.6 62°37	0°6/27.0	18		<b>167081</b>	2003 <i>RD</i> <sub>22</sub>		3 26.6 133°24	2°8/29.5	18	
2 21	12 46.58	- 6 55.0	1.292	2.133	18.0	20.5	2 21	12 49.25	- 13 17.1	2.048	2.830	14.4	20.8
3 2	12 42.40	- 6 21.3	1.229	2.142	13.7	20.3	3 2	12 43.49	- 13 4.8	1.973	2.847	11.3	20.6
3 12	12 35.47	- 5 27.0	1.186	2.151	8.5	20.0	3 12	12 35.75	- 12 34.4	1.921	2.862	7.8	20.5
3 22	12 26.67	- 4 17.7	1.167	2.160	2.9	19.7	3 22	12 26.72	- 11 48.1	1.896	2.877	4.2	20.3
4 1	12 17.32	- 3 2.1	1.174	2.170	2.9	19.7	4 1	12 17.32	- 10 50.1	1.900	2.891	3.0	20.2
4 11	12 8.86	- 1 50.7	1.206	2.179	8.4	20.1	4 11	12 8.53	- 9 46.8	1.933	2.904	5.9	20.4
4 21	12 2.40	- 0 52.4	1.261	2.189	13.3	20.4	4 21	12 1.18	- 8 44.9	1.993	2.917	9.4	20.6
5 1	11 58.69	- 0 12.8	1.337	2.199	17.5	20.7	5 1	11 55.85	- 7 50.2	2.078	2.928	12.6	20.9
<b>271113</b>	2003 <i>RR</i> <sub>22</sub>		3 26.6 258°81	5°5/ 1.6	18		<b>2839</b>	Annette		3 26.6 118°44	2°2/24.9	18	R
2 21	12 44.85	- 21 18.6	2.259	3.001	14.4	20.5	2 21	12 51.55	+ 0 33.3	1.527	2.368	15.7	16.5
3 2	12 40.44	- 21 27.3	2.149	2.984	12.1	20.3	3 2	12 45.65	+ 1 12.8	1.466	2.383	11.6	16.3
3 12	12 34.06	- 21 14.9	2.060	2.967	9.4	20.1	3 12	12 37.24	+ 2 2.0	1.429	2.396	7.0	16.1
3 22	12 26.23	- 20 40.5	1.995	2.949	6.9	19.9	3 22	12 27.21	+ 2 54.4	1.417	2.410	2.7	15.8
4 1	12 17.75	- 19 45.7	1.958	2.930	5.5	19.7	4 1	12 16.77	+ 3 42.3	1.433	2.422	4.3	16.0
4 11	12 9.56	- 18 35.0	1.948	2.912	6.7	19.8	4 11	12 7.22	+ 4 18.6	1.476	2.435	8.8	16.3
4 21	12 2.52	- 17 15.4	1.966	2.893	9.4	19.9	4 21	11 59.56	+ 4 39.0	1.543	2.446	13.0	16.5
5 1	11 57.34	- 15 54.5	2.008	2.873	12.4	20.0	5 1	11 54.46	+ 4 41.5	1.632	2.457	16.6	16.8
<b>129257</b>	2005 <i>QL</i> <sub>72</sub>		3 26.6 220°35	1°4/28.4	17		<b>155263</b>	2005 <i>WM</i> <sub>98</sub>		3 26.6 195°64	0°3/26.3	17	
2 21	12 43.22	- 9 34.5	2.940	3.731	10.3	20.8	2 21	12 45.50	- 4 26.7	1.958	2.783	13.4	21.3
3 2	12 38.61	- 9 19.8	2.840	3.723	7.9	20.6	3 2	12 40.87	- 3 51.0	1.875	2.782	10.0	21.0
3 12	12 32.63	- 8 54.1	2.764	3.714	5.3	20.4	3 12	12 34.24	- 3 2.4	1.817	2.781	6.2	20.8
3 22	12 25.71	- 8 19.1	2.717	3.704	2.5	20.2	3 22	12 26.27	- 2 5.2	1.785	2.779	1.9	20.5
4 1	12 18.42	- 7 37.9	2.700	3.695	1.8	20.1	4 1	12 17.82	- 1 5.3	1.783	2.777	2.5	20.5
4 11	12 11.41	- 6 54.2	2.714	3.685	4.5	20.3	4 11	12 9.87	- 0 9.4	1.808	2.775	6.7	20.8
4 21	12 5.25	- 6 12.1	2.755	3.674	7.3	20.5	4 21	12 3.25	+ 0 36.9	1.860	2.773	10.6	21.0
5 1	12 0.40	- 5 35.3	2.823	3.663	9.9	20.6	5 1	11 58.59	+ 1 9.6	1.934	2.770	14.0	21.2
<b>328318</b>	2008 <i>HX</i> <sub>60</sub>		3 26.6 273°69	4°5/31.3	17		<b>36016</b>	1999 <i>ND</i> <sub>41</sub>		3 26.6 261°47	8°4/15.4	18	
2 21	12 42.86	- 18 35.7	1.789	2.567	16.4	20.9	2 21	12 45.32	+ 20 2.7	2.098	2.945	11.8	18.8
3 2	12 39.25	- 18 11.8	1.694	2.558	13.4	20.7	3 2	12 40.83	+ 21 54.5	2.025	2.926	9.8	18.6
3 12	12 33.44	- 17 21.2	1.619	2.550	9.9	20.4	3 12	12 34.29	+ 23 41.5	1.979	2.906	8.5	18.5
3 22	12 26.04	- 16 4.6	1.569	2.541	6.3	20.2	3 22	12 26.32	+ 25 14.2	1.959	2.886	8.8	18.5
4 1	12 18.01	- 14 26.7	1.545	2.532	4.5	20.1	4 1	12 17.77	+ 26 24.1	1.966	2.866	10.5	18.5
4 11	12 10.45	- 12 36.1	1.548	2.523	6.8	20.2	4 11	12 9.64	+ 27 5.9	1.997	2.845	12.9	18.6
4 21	12 4.33	- 10 43.3	1.578	2.514	10.6	20.4	4 21	12 2.82	+ 27 18.2	2.049	2.824	15.3	18.8
5 1	12 0.37	- 8 58.2	1.632	2.505	14.3	20.6	5 1	11 57.95	+ 27 2.8	2.118	2.803	17.5	18.9
<b>270527</b>	2002 <i>GP</i> <sub>69</sub>		3 26.6 307°74	0°2/26.4	17		<b>215137</b>	1999 <i>TW</i> <sub>171</sub>		3 26.6 157°42	0°2/26.7	18	
2 21	12 41.21	- 6 12.6	1.731	2.566	14.5	20.7	2 21	12 47.65	- 5 50.0	2.086	2.900	13.1	21.6
3 2	12 38.03	- 5 19.0	1.637	2.548	11.0	20.4	3 2	12 42.28	- 5 11.8	2.008	2.908	9.9	21.4
3 12	12 32.70	- 4 6.8	1.566	2.531	6.8	20.1	3 12	12 35.02	- 4 20.4	1.955	2.916	6.1	21.2
3 22	12 25.81	- 2 40.8	1.520	2.514	2.2	19.8	3 22	12 26.50	- 3 20.0	1.930	2.923	2.0	20.9
4 1	12 18.27	- 1 8.7	1.502	2.497	2.7	19.8	4 1	12 17.60	- 2 16.1	1.934	2.929	2.2	20.9
4 11	12 11.14	+ 0 20.2	1.511	2.481	7.5	20.0	4 11	12 9.24	- 1 15.3	1.967	2.934	6.3	21.2
4 21	12 5.37	+ 1 37.6	1.546	2.465	12.0	20.2	4 21	12 2.21	+ 0 23.1	2.027	2.938	10.0	21.4
5 1	12 1.69	+ 2 37.0	1.602	2.449	15.8	20.4	5 1	11 57.08	+ 0 16.4	2.112	2.942	13.1	21.6
<b>56920</b>	2000 <i>RA</i> <sub>1</sub>		3 26.6 129°16	0°4/26.1	18		<b>272397</b>	2005 <i>TF</i> <sub>1</sub>		3 26.6 219°10	6°1/ 1.2	17	
2 21	12 40.70	- 6 6.6	2.458	3.276	11.2	18.7	2 21	12 50.43	- 20 49.9	2.217	2.953	14.8	21.8
3 2	12 36.89	- 4 52.5	2.377	3.280	8.4	18.5	3 2	12 44.66	- 21 30.9	2.115	2.945	12.5	21.6
3 12	12 31.61	- 3 25.2	2.322	3.285	5.1	18.3	3 12	12 36.70	- 21 53.2	2.035	2.937	9.8	21.4
3 22	12 25.38	- 1 49.7	2.295	3.289	1.5	18.1	3 22	12 27.12	- 21 54.7	1.979	2.927	7.3	21.2
4 1	12 18.85	- 0 12.2	2.300	3.293	2.2	18.1	4 1	12 16.80	- 21 35.8	1.952	2.918	6.1	21.2
4 11	12 12.72	+ 1 20.4	2.334	3.297	5.7	18.4	4 11	12 6.82	- 20 59.7	1.952	2.908	7.3	21.2
4 21	12 7.59	+ 2 42.5	2.396	3.301	8.9	18.6	4 21	11 58.11	- 20 12.4	1.979	2.897	9.8	21.3
5 1	12 3.94	+ 3 49.9	2.483	3.305	11.7	18.8	5 1	11 51.44	- 19 20.7	2.031	2.886	12.7	21.5
<b>77766</b>	2001 <i>PK</i> <sub>59</sub>		3 26.6 323°88	7°0/18.5	18		<b>53263</b>	1999 <i>FW</i> <sub>6</sub>		3 26.6 263°13	0°7/25.9	17	
2 21	12 44.52	+ 16 38.9	2.080	2.932	11.7	17.9	2 21	12 45.73	- 1 29.5	2.344	3.168	11.5	19.2
3 2	12 40.02	+ 17 54.4	2.019	2.929	9.3	17.8	3 2	12 40.81	- 1 14.4	2.250	3.157	8.6	18.9
3 12	12 33.65	+ 19 5.4	1.982	2.926	7.4	17.7	3 12	12 34.13	- 0 51.5	2.181	3.145	5.2	18.7
3 22	12 26.05	+ 20 4.1	1.972	2.923	7.1	17.6	3 22	12 26.25	- 0 24.1	2.140	3.134	1.6	18.4
4 1	12 18.08	+ 20 43.9	1.989	2.921	8.6	17.7	4 1	12 17.89	+ 0 4.0	2.128	3.122	2.4	18.5
4 11	12 10.66	+ 21 0.9	2.032	2.918	11.0	17.9	4 11	12 9.88	+ 0 28.2	2.146	3.110	6.1	18.7
4 21	12 4.56	+ 20 54.2	2.096	2.916	13.5	18.0	4 21	12 2.96	+ 0 45.0	2.191	3.098	9.5	18.9
5 1	12 0.34	+ 20 25.2	2.180	2.914	15.8	18.2	5 1	11 57.72	+ 0 51.6	2.259	3.085	12.5	19.1
<b>470222</b>	2006 <i>WG</i> <sub>88</sub>		3 26.6 190°02	0°6/27.4	17		<b>187275</b>	2005 <i>TZ</i> <sub>46</sub>					

EPHEMERIDES

3 26.6

3 26.6

2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$	2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$
<b>15311</b>	1993 <i>FZ</i> <sub>22</sub>		3 26.6 255°20	0°9/27.3	18		<b>281054</b>	2006 <i>JE</i> <sub>17</sub>		3 26.6 190°94	1°4/28.3	18	
2 21	12 47.97	- 7 17.9	1.660	2.482	15.6	19.2	2 21	12 43.27	- 9 59.6	2.279	3.081	12.5	21.1
3 2	12 43.29	- 6 54.9	1.563	2.465	12.0	19.0	3 2	12 39.00	- 9 27.5	2.191	3.080	9.7	20.9
3 12	12 36.08	- 6 14.0	1.488	2.448	7.7	18.7	3 12	12 33.04	- 8 40.2	2.127	3.079	6.3	20.7
3 22	12 26.97	- 5 18.3	1.438	2.430	2.9	18.3	3 22	12 25.93	- 7 40.5	2.090	3.078	2.8	20.4
4 1	12 17.00	- 4 13.7	1.415	2.411	2.6	18.2	4 1	12 18.42	- 6 33.3	2.082	3.077	2.0	20.4
4 11	12 7.44	- 3 8.3	1.421	2.392	7.6	18.5	4 11	12 11.32	- 5 24.5	2.103	3.075	5.5	20.6
4 21	11 59.43	- 2 10.1	1.451	2.373	12.4	18.7	4 21	12 5.34	- 4 20.1	2.152	3.073	8.9	20.8
5 1	11 53.82	- 1 25.7	1.503	2.353	16.5	18.9	5 1	12 1.02	- 3 25.1	2.225	3.071	12.0	21.0
<b>340634</b>	2006 <i>QU</i> <sub>134</sub>		3 26.6 188°31	3°7/30.9	18		<b>503652</b>	2016 <i>GU</i> <sub>204</sub>		3 26.6 271°92	1°1/27.8	17	
2 21	12 44.12	-16 39.7	2.472	3.236	12.7	20.9	2 21	12 42.27	-10 23.9	1.856	2.669	14.5	21.2
3 2	12 39.56	-16 42.1	2.379	3.236	10.3	20.7	3 2	12 38.69	- 9 25.8	1.761	2.658	11.2	20.9
3 12	12 33.35	-16 27.8	2.310	3.235	7.6	20.5	3 12	12 33.06	- 8 6.1	1.689	2.647	7.2	20.7
3 22	12 25.99	-15 57.6	2.266	3.235	4.9	20.3	3 22	12 25.99	- 6 29.0	1.644	2.635	2.9	20.4
4 1	12 18.22	-15 13.9	2.250	3.234	3.7	20.3	4 1	12 18.33	- 4 41.7	1.627	2.623	2.3	20.3
4 11	12 10.81	-14 21.2	2.263	3.233	5.4	20.4	4 11	12 11.10	- 2 53.6	1.639	2.612	6.7	20.6
4 21	12 4.48	-13 25.0	2.304	3.231	8.2	20.5	4 21	12 5.18	- 1 14.1	1.677	2.600	10.9	20.8
5 1	11 59.76	-12 30.8	2.371	3.230	10.9	20.7	5 1	12 1.27	+ 0 9.6	1.739	2.588	14.7	21.0
<b>357099</b>	2001 <i>TG</i> <sub>135</sub>		3 26.6 132°29	4°2/30.1	18		<b>58360</b>	1995 <i>LM</i>		3 26.6 148°82	3°8/31.4	18	
2 21	12 51.67	-14 38.0	1.731	2.514	16.6	21.8	2 21	12 44.49	-17 41.8	2.628	3.382	12.3	19.8
3 2	12 45.73	-14 51.6	1.656	2.527	13.3	21.6	3 2	12 39.73	-17 45.3	2.540	3.388	10.0	19.6
3 12	12 37.35	-14 44.6	1.603	2.540	9.4	21.4	3 12	12 33.41	-17 32.6	2.474	3.394	7.4	19.5
3 22	12 27.32	-14 17.4	1.575	2.551	5.7	21.2	3 22	12 26.04	-17 4.2	2.435	3.399	5.0	19.3
4 1	12 16.75	-13 33.7	1.574	2.562	4.3	21.1	4 1	12 18.30	-16 22.6	2.424	3.405	3.8	19.2
4 11	12 6.90	-12 39.9	1.602	2.573	7.0	21.3	4 11	12 10.95	-15 31.9	2.442	3.409	5.2	19.3
4 21	11 58.78	-11 43.8	1.655	2.583	10.7	21.5	4 21	12 4.63	-14 37.1	2.489	3.414	7.7	19.5
5 1	11 53.09	-10 52.8	1.732	2.592	14.2	21.8	5 1	11 59.85	-13 43.6	2.561	3.418	10.3	19.7
<b>143536</b>	2003 <i>EZ</i> <sub>23</sub>		3 26.6 353°61	0°8/25.8	17		<b>465696</b>	2009 <i>SU</i> <sub>303</sub>		3 26.6 169°33	4°4/22.0	16	
2 21	12 42.85	- 2 8.4	1.943	2.780	13.0	19.7	2 21	12 49.68	+10 13.9	2.270	3.108	11.3	21.7
3 2	12 38.91	- 1 42.4	1.863	2.777	9.7	19.5	3 2	12 43.64	+10 58.7	2.201	3.112	8.5	21.6
3 12	12 33.07	- 1 6.3	1.808	2.775	5.9	19.3	3 12	12 35.80	+11 43.1	2.157	3.116	5.8	21.4
3 22	12 25.94	- 0 24.1	1.779	2.773	1.8	19.0	3 22	12 26.79	+12 21.5	2.142	3.119	4.4	21.3
4 1	12 18.35	+ 0 18.6	1.778	2.771	2.8	19.1	4 1	12 17.45	+12 48.5	2.157	3.121	5.8	21.4
4 11	12 11.26	+ 0 56.2	1.804	2.770	6.8	19.3	4 11	12 8.66	+13 0.4	2.199	3.123	8.5	21.6
4 21	12 5.44	+ 1 23.9	1.856	2.770	10.6	19.5	4 21	12 1.17	+12 55.6	2.268	3.124	11.3	21.8
5 1	12 1.50	+ 1 38.5	1.930	2.769	13.9	19.7	5 1	11 55.52	+12 34.3	2.358	3.125	13.8	21.9
<b>368579</b>	2004 <i>PX</i> <sub>67</sub>		3 26.6 162°13	2°6/23.3	17		<b>431163</b>	2006 <i>RP</i> <sub>41</sub>		3 26.6 222°47	0°3/27.1	17	
2 21	12 44.15	+ 1 58.1	2.344	3.180	11.1	21.7	2 21	12 41.58	- 7 27.6	2.547	3.357	11.1	21.9
3 2	12 39.51	+ 3 16.4	2.271	3.186	8.1	21.5	3 2	12 37.60	- 6 35.6	2.454	3.351	8.4	21.7
3 12	12 33.26	+ 4 42.2	2.225	3.192	4.9	21.3	3 12	12 32.12	- 5 30.3	2.385	3.344	5.3	21.4
3 22	12 25.96	+ 6 9.2	2.207	3.196	2.6	21.1	3 22	12 25.63	- 4 15.3	2.345	3.338	1.8	21.2
4 1	12 18.34	+ 7 30.9	2.220	3.201	4.2	21.2	4 1	12 18.77	- 2 55.8	2.336	3.331	1.8	21.2
4 11	12 11.18	+ 8 40.9	2.262	3.204	7.3	21.4	4 11	12 12.25	- 1 37.8	2.356	3.324	5.3	21.4
4 21	12 5.12	+ 9 35.3	2.331	3.207	10.3	21.6	4 21	12 6.69	- 0 26.6	2.404	3.316	8.5	21.6
5 1	12 0.68	+10 11.9	2.422	3.210	12.9	21.8	5 1	12 2.58	+ 0 33.3	2.477	3.309	11.4	21.8
<b>234418</b>	2001 <i>RQ</i> <sub>83</sub>		3 26.6 278°35	0°4/26.3	17		<b>43321</b>	2000 <i>JR</i> <sub>52</sub>		3 26.6 265°06	2°2/28.6	18	
2 21	12 45.26	- 5 46.2	1.457	2.296	16.5	20.6	2 21	12 47.88	-10 29.9	2.134	2.929	13.5	19.3
3 2	12 41.59	- 4 54.3	1.361	2.274	12.5	20.3	3 2	12 42.83	-10 25.2	2.019	2.903	10.6	19.0
3 12	12 35.20	- 3 40.6	1.286	2.252	7.8	20.0	3 12	12 35.64	-10 5.1	1.928	2.876	7.2	18.7
3 22	12 26.75	- 2 10.2	1.236	2.230	2.4	19.6	3 22	12 26.85	- 9 30.7	1.863	2.848	3.6	18.5
4 1	12 17.32	- 0 32.0	1.212	2.207	3.3	19.6	4 1	12 17.26	- 8 45.1	1.826	2.820	2.6	18.3
4 11	12 8.30	+ 1 2.5	1.215	2.184	9.0	19.8	4 11	12 7.89	- 7 53.8	1.819	2.791	6.2	18.5
4 21	12 0.93	+ 2 23.0	1.242	2.161	14.2	20.0	4 21	11 59.67	- 7 2.7	1.839	2.761	10.2	18.7
5 1	11 56.18	+ 3 21.9	1.289	2.138	18.8	20.3	5 1	11 53.37	- 6 18.0	1.883	2.731	13.8	18.8
<b>263446</b>	2008 <i>DK</i> <sub>88</sub>		3 26.6 259°58	2°3/24.6	17		<b>425362</b>	2010 <i>BM</i> <sub>87</sub>		3 26.6 26°55	1°1/27.8	17	
2 21	12 46.82	+ 1 13.3	1.723	2.567	14.1	20.4	2 21	12 41.50	- 9 4.7	1.861	2.681	14.2	20.7
3 2	12 42.13	+ 1 52.6	1.644	2.562	10.4	20.2	3 2	12 37.96	- 8 24.8	1.786	2.686	10.8	20.5
3 12	12 35.17	+ 2 40.9	1.589	2.557	6.3	19.9	3 12	12 32.50	- 7 27.4	1.733	2.692	7.0	20.3
3 22	12 26.64	+ 3 32.6	1.560	2.552	2.6	19.7	3 22	12 25.77	- 6 16.6	1.706	2.697	2.8	20.0
4 1	12 17.54	+ 4 20.5	1.559	2.547	4.2	19.8	4 1	12 18.63	- 4 58.7	1.707	2.703	2.2	20.0
4 11	12 9.02	+ 4 58.0	1.584	2.542	8.4	20.0	4 11	12 12.03	- 3 41.5	1.736	2.710	6.3	20.2
4 21	12 2.01	+ 5 20.4	1.635	2.537	12.5	20.2	4 21	12 6.75	- 2 32.2	1.791	2.716	10.2	20.5
5 1	11 57.23	+ 5 25.2	1.706	2.532	16.0	20.4	5 1	12 3.39	- 1 36.3	1.869	2.723	13.6	20.7
<b>331472</b>	1993 <i>BB</i> <sub>9</sub>		3 26.6 191°17	6°3/18.8	17		<b>337808</b>	2001 <i>UK</i> <sub>226</sub>		3 26.6 184°93	2°7/23.4	17	
2 21	12 45.14	+14 7.6	2.166	3.015	11.4	20.6	2 21	12 45.64	+ 5 29.7	2.550	3.386	10.3	21.0
3 2	12 40.44	+15 40.4	2.102	3.014	8.8	20.4	3 2	12 40.52	+ 6 4.9	2.472	3.386	7.6	20.9
3 12	12 33.92	+17 11.4	2.065	3.013	6.8	20.3	3 12	12 33.85	+ 6 42.9	2.421	3.385	4.8	20.7
3 22	12 26.20	+18 32.6	2.055	3.011	6.4	20.2	3 22	12 26.18	+ 7 19.4	2.398	3.385	2.8	20.5
4 1	12 18.09	+19 36.8	2.073	3.009	8.0	20.3	4 1	12 18.17	+ 7 50.0	2.405	3.384	4.0	20.6
4 11	12 10.48	+20 18.9	2.117	3.006	10.5	20.5	4 11	12 10.59	+ 8 10.9	2.441	3.383	6.8	20.8
4 21	12 4.13	+20 37.2	2.185	3.003	13.1	20.6	4 21	12 4.06	+ 8 19.6	2.503	3.381	9.6	21.0
5 1	11 59.60	+20 32.5	2.272	3.000	15.3	20.8	5 1	11 59.06	+ 8 15.1	2.589	3.379	12.1	21.1
<b>232495</b>	2003 <i>PT</i>		3 26.6 208°36	2°4/29.5	18		<b>117553</b>	2005 <i>EZ</i> <sub>11</sub>		3 26.6 72°37	0°		

EPHEMERIDES

3 26.6

3 26.6

2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$	2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$
<b>430177</b>	2013 <i>TV</i> <sub>98</sub>		3 26.6 161°22	0°7/25.8	17		<b>501190</b>	2013 <i>TX</i> <sub>112</sub>		3 26.6 158°78	2°0/24.7	17	
2 21	12 43.90	- 3 44.8	2.065	2.893	12.7	21.5	2 21	12 46.98	+ 1 39.6	2.024	2.861	12.6	21.5
3 2	12 39.57	- 2 54.5	1.987	2.896	9.4	21.3	3 2	12 41.88	+ 2 11.9	1.949	2.863	9.3	21.3
3 12	12 33.42	- 1 51.9	1.933	2.898	5.7	21.1	3 12	12 34.85	+ 2 50.9	1.898	2.865	5.6	21.0
3 22	12 26.06	- 0 42.0	1.906	2.900	1.7	20.8	3 22	12 26.54	+ 3 31.9	1.875	2.867	2.3	20.8
4 1	12 18.30	+ 0 29.0	1.908	2.901	2.7	20.9	4 1	12 17.82	+ 4 9.2	1.880	2.869	3.7	20.9
4 11	12 11.03	+ 1 34.3	1.939	2.903	6.6	21.2	4 11	12 9.64	+ 4 37.7	1.914	2.870	7.4	21.1
4 21	12 5.00	+ 2 28.4	1.997	2.904	10.3	21.4	4 21	12 2.79	+ 4 53.8	1.974	2.871	10.9	21.3
5 1	12 0.77	+ 3 7.6	2.077	2.905	13.4	21.6	5 1	11 57.86	+ 4 55.6	2.056	2.873	14.0	21.6
<b>410355</b>	2007 <i>VP</i> <sub>29</sub>		3 26.6 223°83	0°3/26.3	17		<b>28030</b>	1998 <i>DW</i> <sub>12</sub>		3 26.6 75°73	1°5/24.9	18	
2 21	12 49.51	- 3 48.2	2.025	2.843	13.3	22.0	2 21	12 45.64	- 0 24.1	2.202	3.033	11.9	18.8
3 2	12 43.95	- 3 21.0	1.928	2.831	10.0	21.7	3 2	12 40.51	+ 0 25.8	2.153	3.064	8.7	18.7
3 12	12 36.25	- 2 41.7	1.856	2.819	6.2	21.5	3 12	12 33.80	+ 1 22.9	2.128	3.095	5.2	18.5
3 22	12 27.02	- 1 54.1	1.812	2.806	1.9	21.2	3 22	12 26.14	+ 2 22.1	2.133	3.125	1.9	18.3
4 1	12 17.14	- 1 3.4	1.797	2.791	2.5	21.2	4 1	12 18.34	+ 3 17.8	2.166	3.156	3.1	18.5
4 11	12 7.67	- 0 16.0	1.811	2.776	6.9	21.4	4 11	12 11.17	+ 4 4.8	2.229	3.185	6.4	18.7
4 21	11 59.52	+ 0 22.9	1.852	2.761	10.9	21.6	4 21	12 5.27	+ 4 39.7	2.319	3.215	9.5	19.0
5 1	11 53.39	+ 0 49.1	1.917	2.744	14.4	21.8	5 1	12 1.07	+ 5 0.5	2.431	3.244	12.2	19.2
<b>348910</b>	2006 <i>SE</i> <sub>409</sub>		3 26.6 332°11	4°5/31.9	17		<b>284865</b>	2009 <i>CP</i> <sub>32</sub>		3 26.6 39°42	2°8/23.4	17	
2 21	12 39.87	-19 26.4	2.063	2.832	14.8	20.0	2 21	12 41.92	+ 2 30.3	2.086	2.933	11.9	20.3
3 2	12 36.78	-19 4.4	1.966	2.823	12.1	19.8	3 2	12 38.06	+ 3 36.8	2.016	2.936	8.7	20.1
3 12	12 31.83	-18 18.7	1.891	2.815	9.1	19.5	3 12	12 32.48	+ 4 50.5	1.971	2.940	5.3	19.9
3 22	12 25.58	-17 10.1	1.840	2.807	6.0	19.3	3 22	12 25.78	+ 6 5.1	1.954	2.943	2.8	19.7
4 1	12 18.84	-15 42.5	1.815	2.799	4.5	19.2	4 1	12 18.72	+ 7 13.9	1.965	2.947	4.4	19.8
4 11	12 12.51	-14 3.0	1.819	2.792	6.1	19.3	4 11	12 12.16	+ 8 10.7	2.004	2.951	7.7	20.0
4 21	12 7.37	-12 20.1	1.850	2.785	9.3	19.5	4 21	12 6.78	+ 8 51.3	2.069	2.955	11.0	20.2
5 1	12 4.05	-10 42.3	1.905	2.779	12.5	19.7	5 1	12 3.13	+ 9 13.7	2.155	2.960	13.8	20.4
<b>215448</b>	2002 <i>NL</i> <sub>62</sub>		3 26.6 252°56	0°7/27.3	17		<b>114876</b>	2003 <i>QP</i> <sub>11</sub>		3 26.6 156°27	1°5/28.3	18	
2 21	12 46.54	- 7 10.1	1.832	2.651	14.5	21.8	2 21	12 47.65	- 8 52.3	2.545	3.337	11.7	20.7
3 2	12 41.98	- 6 41.1	1.734	2.636	11.1	21.6	3 2	12 42.04	- 8 48.8	2.461	3.344	9.0	20.5
3 12	12 35.16	- 5 55.4	1.660	2.620	7.1	21.3	3 12	12 34.81	- 8 33.9	2.401	3.351	5.9	20.3
3 22	12 26.70	- 4 56.5	1.611	2.603	2.6	21.0	3 22	12 26.51	- 8 9.3	2.370	3.358	2.7	20.1
4 1	12 17.51	- 3 49.8	1.591	2.587	2.4	20.9	4 1	12 17.86	- 7 38.3	2.369	3.364	2.0	20.0
4 11	12 8.72	- 2 43.2	1.599	2.570	7.0	21.2	4 11	12 9.63	- 7 4.8	2.398	3.369	5.0	20.3
4 21	12 1.31	- 1 43.8	1.632	2.552	11.4	21.4	4 21	12 2.49	- 6 33.1	2.456	3.374	8.2	20.5
5 1	11 56.05	- 0 57.4	1.689	2.534	15.2	21.6	5 1	11 56.96	- 6 6.9	2.539	3.378	10.9	20.6
<b>142356</b>	2002 <i>RX</i> <sub>218</sub>		3 26.6 253°63	1°8/24.9	17		<b>20692</b>	1999 <i>VX</i> <sub>73</sub>		3 26.6 333°55	1°1/25.4	18	
2 21	12 47.13	- 0 22.9	1.805	2.643	13.8	20.7	2 21	12 42.63	- 1 2.8	2.223	3.057	11.7	18.1
3 2	12 42.40	+ 0 20.4	1.714	2.628	10.3	20.4	3 2	12 38.55	- 0 30.4	2.140	3.053	8.7	17.9
3 12	12 35.40	+ 1 14.9	1.646	2.613	6.3	20.2	3 12	12 32.78	+ 0 10.5	2.082	3.049	5.2	17.6
3 22	12 26.77	+ 2 15.3	1.605	2.598	2.3	19.9	3 22	12 25.88	+ 0 55.9	2.051	3.045	1.7	17.4
4 1	12 17.45	+ 3 14.6	1.592	2.582	3.8	19.9	4 1	12 18.58	+ 1 40.7	2.050	3.042	2.8	17.5
4 11	12 8.56	+ 4 5.3	1.606	2.566	8.2	20.1	4 11	12 11.70	+ 2 19.7	2.076	3.038	6.4	17.7
4 21	12 1.09	+ 4 42.0	1.646	2.549	12.4	20.4	4 21	12 5.93	+ 2 48.9	2.129	3.035	9.8	17.9
5 1	11 55.79	+ 5 1.1	1.708	2.532	16.0	20.5	5 1	12 1.81	+ 3 5.3	2.205	3.032	12.8	18.1
<b>382736</b>	2003 <i>AG</i> <sub>82</sub>		3 26.6 355°60	14°5/ 8.6	18		<b>500447</b>	2012 <i>TB</i> <sub>186</sub>		3 26.6 13°96	6°6/19.5	17	
2 21	12 50.89	+39 34.6	1.836	2.630	15.4	19.3	2 21	12 47.29	+17 33.8	2.218	3.061	11.4	20.8
3 2	12 45.29	+41 1.5	1.806	2.626	14.7	19.2	3 2	12 41.95	+18 24.7	2.156	3.061	9.0	20.6
3 12	12 37.06	+42 2.6	1.796	2.623	14.6	19.2	3 12	12 34.81	+19 9.7	2.120	3.062	7.1	20.5
3 22	12 27.22	+42 29.1	1.806	2.621	15.1	19.2	3 22	12 26.51	+19 42.2	2.111	3.063	6.7	20.5
4 1	12 17.10	+42 15.9	1.835	2.619	16.2	19.3	4 1	12 17.90	+19 57.1	2.130	3.063	8.0	20.5
4 11	12 8.06	+41 23.3	1.883	2.619	17.6	19.4	4 11	12 9.88	+19 51.5	2.174	3.064	10.2	20.7
4 21	12 1.11	+39 55.9	1.946	2.619	19.0	19.5	4 21	12 3.18	+19 25.2	2.242	3.065	12.6	20.8
5 1	11 56.81	+38 0.3	2.023	2.619	20.3	19.6	5 1	11 58.32	+18 40.0	2.330	3.066	14.8	21.0
<b>437699</b>	2014 <i>DL</i> <sub>36</sub>		3 26.6 242°12	1°3/27.9	17		<b>85645</b>	1998 <i>OS</i> <sub>11</sub>		3 26.6 229°61	3°8/30.7	18	
2 21	12 45.34	- 7 37.2	2.489	3.292	11.6	21.3	2 21	12 46.49	-16 12.5	2.498	3.260	12.7	20.0
3 2	12 40.44	- 7 37.3	2.396	3.287	8.9	21.1	3 2	12 41.43	-16 20.9	2.393	3.248	10.3	19.8
3 12	12 33.90	- 7 26.8	2.328	3.281	5.8	20.9	3 12	12 34.60	-16 13.4	2.311	3.237	7.6	19.6
3 22	12 26.23	- 7 7.4	2.287	3.276	2.5	20.6	3 22	12 26.50	-15 50.2	2.255	3.224	4.9	19.4
4 1	12 18.14	- 6 42.1	2.276	3.271	1.9	20.6	4 1	12 17.86	-15 13.1	2.228	3.211	3.8	19.3
4 11	12 10.39	- 6 14.9	2.294	3.265	5.2	20.8	4 11	12 9.50	-14 26.4	2.230	3.198	5.6	19.4
4 21	12 3.67	- 5 49.6	2.340	3.260	8.4	21.0	4 21	12 2.19	-13 35.2	2.260	3.184	8.4	19.6
5 1	11 58.54	- 5 30.1	2.410	3.254	11.3	21.2	5 1	11 56.54	-12 45.1	2.315	3.170	11.3	19.7
<b>507326</b>	2011 <i>SC</i> <sub>105</sub>		3 26.6 207°25	3°4/31.8	18		<b>498357</b>	2007 <i>VX</i> <sub>314</sub>		3 26.6 123°07	3°5/22.4	17	
2 21	12 41.93	-19 15.3	3.058	3.799	11.0	22.1	2 21	12 44.96	+ 7 42.9	2.464	3.305	10.4	21.9
3 2	12 37.68	-18 52.1	2.953	3.793	9.0	22.0	3 2	12 40.01	+ 8 32.4	2.400	3.315	7.7	21.8
3 12	12 32.11	-18 12.6	2.872	3.787	6.7	21.8	3 12	12 33.53	+ 9 23.3	2.363	3.325	5.0	21.6
3 22	12 25.64	-17 17.8	2.818	3.781	4.5	21.6	3 22	12 26.10	+10 10.6	2.353	3.335	3.5	21.5
4 1	12 18.84	-16 10.2	2.794	3.774	3.4	21.5	4 1	12 18.41	+10 49.2	2.374	3.344	4.9	21.6
4 11	12 12.33	-14 54.3	2.799	3.767	4.6	21.6	4 11	12 11.20	+11 15.2	2.422	3.353	7.5	21.8
4 21	12 6.66	-13 35.3	2.834	3.759	6.9	21.8	4 21	12 5.10	+11 26.6	2.497	3.362	10.1	22.0
5 1	12 2.28	-12 18.3	2.895	3.751	9.3	21.9	5 1	12 0.57	+11 22.8	2.594	3.371	12.5	22.2
<b>408467</b>	2013 <i>HR</i> <sub>65</sub>		3 26.6 126°28	1°1/27.5	18		<b>152111</b>	2004 <i>RA</i> <sub>182</sub>		3 26.6 130°05			

EPHEMERIDES

3 26.6

3 26.6

2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$	2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$
<b>253477</b>	2003 SC <sub>63</sub>		3 26.6 216°72	2°5/29.9	18		<b>39904</b>	1998 FX <sub>30</sub>		3 26.6 53°93	0°2/26.6	18	
2 21	12 42.60	-13 34.0	2.969	3.742	10.6	20.9	2 21	12 50.55	-3 9.2	1.323	2.166	17.6	18.8
3 2	12 38.21	-13 32.0	2.871	3.738	8.4	20.7	3 2	12 45.30	-3 6.4	1.265	2.180	13.2	18.6
3 12	12 32.45	-13 17.6	2.798	3.734	5.9	20.6	3 12	12 37.26	-2 50.1	1.228	2.194	8.1	18.3
3 22	12 25.78	-12 51.8	2.752	3.729	3.5	20.4	3 22	12 27.39	-2 24.8	1.215	2.209	2.6	18.0
4 1	12 18.75	-12 17.0	2.736	3.725	2.6	20.3	4 1	12 17.05	-1 56.8	1.228	2.224	3.0	18.1
4 11	12 12.01	-11 36.7	2.749	3.720	4.5	20.4	4 11	12 7.69	-1 33.1	1.267	2.239	8.3	18.4
4 21	12 6.12	-10 54.9	2.791	3.715	7.0	20.6	4 21	12 0.42	-1 19.2	1.330	2.255	13.1	18.7
5 1	12 1.52	-10 15.6	2.858	3.710	9.5	20.8	5 1	11 55.95	-1 18.8	1.413	2.270	17.0	19.0
<b>383691</b>	2007 TY <sub>354</sub>		3 26.6 103°14	0°3/26.3	18		<b>173823</b>	2001 SO <sub>342</sub>		3 26.6 224°78	0°4/26.1	17	
2 21	12 42.33	-5 20.8	2.236	3.058	12.1	20.9	2 21	12 43.40	-3 32.6	2.472	3.293	11.1	21.2
3 2	12 38.25	-4 27.3	2.161	3.066	9.0	20.7	3 2	12 39.00	-2 57.6	2.382	3.287	8.3	21.0
3 12	12 32.56	-3 21.5	2.111	3.074	5.5	20.5	3 12	12 33.04	-2 12.8	2.317	3.281	5.1	20.8
3 22	12 25.81	-2 7.7	2.089	3.082	1.7	20.3	3 22	12 26.01	-1 21.7	2.281	3.274	1.6	20.6
4 1	12 18.74	-0 52.1	2.096	3.090	2.2	20.3	4 1	12 18.58	-0 29.0	2.274	3.267	2.2	20.6
4 11	12 12.15	+0 19.1	2.132	3.098	5.9	20.6	4 11	12 11.51	+0 20.4	2.296	3.260	5.7	20.8
4 21	12 6.68	+1 20.4	2.195	3.106	9.3	20.8	4 21	12 5.44	+1 2.0	2.345	3.253	9.0	21.0
5 1	12 2.84	+2 8.1	2.282	3.113	12.3	21.0	5 1	12 0.91	+1 32.5	2.419	3.245	11.8	21.2
<b>380079</b>	2013 SY <sub>39</sub>		3 26.6 216°83	2°7/29.4	17		<b>16948</b>	1998 HA <sub>133</sub>		3 26.6 139°98	2°1/29.5	18	
2 21	12 46.43	-12 50.5	2.159	2.946	13.6	22.0	2 21	12 41.72	-13 36.5	2.572	3.354	11.8	18.5
3 2	12 41.56	-12 41.8	2.063	2.939	10.8	21.8	3 2	12 37.68	-12 56.0	2.486	3.360	9.3	18.3
3 12	12 34.75	-12 16.1	1.989	2.932	7.5	21.6	3 12	12 32.17	-11 59.2	2.423	3.366	6.3	18.1
3 22	12 26.57	-11 34.8	1.942	2.924	4.1	21.3	3 22	12 25.71	-10 48.9	2.388	3.371	3.3	18.0
4 1	12 17.83	-10 41.4	1.924	2.916	2.9	21.2	4 1	12 18.94	-9 29.5	2.383	3.376	2.2	17.9
4 11	12 9.48	-9 41.6	1.935	2.907	5.8	21.4	4 11	12 12.57	-8 6.8	2.408	3.381	4.8	18.1
4 21	12 2.36	-8 41.8	1.973	2.898	9.4	21.6	4 21	12 7.19	-6 46.8	2.461	3.386	7.8	18.3
5 1	11 57.10	-7 48.0	2.035	2.889	12.7	21.8	5 1	12 3.27	-5 34.6	2.540	3.390	10.6	18.4
<b>399360</b>	2000 XL <sub>54</sub>		3 26.6 159°65	4°5/22.2	18		<b>494663</b>	2001 SG <sub>117</sub>		3 26.6 245°71	1°6/28.0	17	
2 21	12 49.32	+7 16.8	1.907	2.751	12.9	21.4	2 21	12 46.92	-10 8.8	1.676	2.489	15.8	21.9
3 2	12 43.69	+8 24.3	1.841	2.758	9.6	21.2	3 2	12 42.51	-9 32.5	1.578	2.474	12.3	21.6
3 12	12 35.99	+9 35.1	1.801	2.764	6.3	21.0	3 12	12 35.64	-8 34.3	1.502	2.458	8.1	21.3
3 22	12 26.93	+10 41.6	1.789	2.770	4.5	20.9	3 22	12 26.95	-7 17.2	1.452	2.442	3.5	21.0
4 1	12 17.48	+11 36.5	1.805	2.775	6.1	21.0	4 1	12 17.44	-5 47.7	1.429	2.425	2.6	20.9
4 11	12 8.68	+12 14.0	1.848	2.779	9.4	21.2	4 11	12 8.35	-4 15.2	1.434	2.408	7.4	21.1
4 21	12 1.38	+12 31.4	1.916	2.782	12.7	21.4	4 21	12 0.79	-2 49.3	1.465	2.390	12.1	21.3
5 1	11 56.17	+12 28.4	2.006	2.785	15.5	21.6	5 1	11 55.58	-1 38.0	1.518	2.371	16.3	21.6
<b>389233</b>	2009 EJ <sub>17</sub>		3 26.6 21°36	1°8/24.8	17		<b>15825</b>	1994 WX <sub>1</sub>		3 26.6 50°38	1°8/28.2	18	
2 21	12 43.82	+0 45.0	2.097	2.936	12.1	21.3	2 21	12 45.72	-9 22.6	1.548	2.371	16.5	18.5
3 2	12 39.49	+1 22.2	2.021	2.937	8.9	21.1	3 2	12 41.49	-9 6.9	1.478	2.379	12.7	18.3
3 12	12 33.38	+2 6.9	1.971	2.939	5.4	20.9	3 12	12 34.87	-8 32.0	1.429	2.386	8.3	18.0
3 22	12 26.10	+2 54.3	1.948	2.940	2.1	20.6	3 22	12 26.64	-7 41.2	1.405	2.395	3.6	17.8
4 1	12 18.43	+3 39.0	1.953	2.942	3.4	20.7	4 1	12 17.89	-6 40.6	1.407	2.403	2.7	17.7
4 11	12 11.25	+4 15.6	1.986	2.944	7.0	21.0	4 11	12 9.85	-5 38.5	1.436	2.412	7.1	18.0
4 21	12 5.29	+4 40.1	2.046	2.946	10.4	21.2	4 21	12 3.50	-4 42.7	1.490	2.420	11.5	18.3
5 1	12 1.10	+4 50.5	2.127	2.948	13.4	21.4	5 1	11 59.53	-3 59.2	1.566	2.429	15.3	18.5
<b>331114</b>	2010 RD <sub>156</sub>		3 26.6 240°11	3°3/23.9	17		<b>249505</b>	2010 AG <sub>6</sub>		3 26.6 315°64	4°6/30.7	17	
2 21	12 49.12	+4 2.2	1.749	2.594	13.9	21.2	2 21	12 43.51	-15 40.5	1.730	2.524	16.2	20.2
3 2	12 43.89	+4 42.8	1.667	2.585	10.3	20.9	3 2	12 39.96	-15 53.6	1.632	2.508	13.2	19.9
3 12	12 36.31	+5 29.8	1.609	2.576	6.4	20.7	3 12	12 34.07	-15 45.2	1.555	2.492	9.7	19.7
3 22	12 27.09	+6 17.0	1.578	2.567	3.4	20.5	3 22	12 26.45	-15 15.0	1.502	2.476	6.2	19.4
4 1	12 17.25	+6 57.3	1.574	2.558	5.1	20.5	4 1	12 18.04	-14 25.6	1.474	2.461	4.7	19.3
4 11	12 7.96	+7 24.5	1.598	2.548	9.1	20.8	4 11	12 10.01	-13 23.3	1.472	2.446	7.1	19.4
4 21	12 0.21	+7 34.7	1.646	2.538	13.0	21.0	4 21	12 3.42	-12 16.1	1.496	2.432	11.0	19.6
5 1	11 54.75	+7 26.4	1.715	2.527	16.5	21.2	5 1	11 59.07	-11 12.6	1.542	2.419	14.8	19.8
<b>246132</b>	Lugny		3 26.6 225°82	2°6/29.3	17		<b>384120</b>	2008 WJ <sub>141</sub>		3 26.6 197°41	1°5/28.4	17	
2 21	12 47.58	-13 20.1	1.986	2.774	14.6	21.2	2 21	12 45.61	-9 25.9	2.564	3.357	11.5	21.9
3 2	12 42.65	-12 53.3	1.884	2.762	11.6	21.0	3 2	12 40.62	-9 11.3	2.470	3.354	8.9	21.7
3 12	12 35.54	-12 5.9	1.805	2.749	8.0	20.7	3 12	12 34.02	-8 44.3	2.401	3.351	5.9	21.5
3 22	12 26.86	-10 59.6	1.751	2.735	4.2	20.5	3 22	12 26.33	-8 7.0	2.359	3.347	2.7	21.3
4 1	12 17.51	-9 39.2	1.727	2.720	2.9	20.4	4 1	12 18.24	-7 22.7	2.348	3.342	2.0	21.2
4 11	12 8.54	-8 12.0	1.731	2.704	6.3	20.5	4 11	12 10.49	-6 35.9	2.366	3.337	5.0	21.4
4 21	12 0.89	-6 46.4	1.763	2.688	10.4	20.7	4 21	12 3.76	-5 51.4	2.412	3.332	8.2	21.6
5 1	11 55.30	-5 29.9	1.819	2.670	14.0	20.9	5 1	11 58.58	-5 13.4	2.484	3.325	11.1	21.8
<b>472681</b>	2015 EY <sub>53</sub>		3 26.6 297°38	5°4/31.3	16		<b>54437</b>	2000 MW		3 26.6 119°62	7°8/3.8	18	
2 21	12 46.07	-18 5.8	1.976	2.744	15.4	21.2	2 21	12 47.22	-26 6.3	1.954	2.674	17.1	18.5
3 2	12 41.87	-18 26.8	1.851	2.707	12.8	21.0	3 2	12 42.47	-26 37.3	1.871	2.681	14.6	18.3
3 12	12 35.31	-18 27.6	1.748	2.670	9.8	20.7	3 12	12 35.45	-26 42.3	1.807	2.688	11.9	18.2
3 22	12 26.87	-18 6.4	1.668	2.633	6.8	20.4	3 22	12 26.85	-26 19.5	1.765	2.695	9.4	18.0
4 1	12 17.40	-17 23.9	1.615	2.595	5.4	20.3	4 1	12 17.67	-25 29.6	1.748	2.702	7.9	17.9
4 11	12 8.02	-16 24.3	1.589	2.557	7.3	20.3	4 11	12 9.04	-24 18.1	1.758	2.708	8.3	18.0
4 21	11 59.81	-15 14.7	1.589	2.519	10.9	20.4	4 21	12 1.94	-22 53.2	1.793	2.715	10.4	18.1
5 1	11 53.72	-14 3.6	1.613	2.481	14.7	20.5	5 1	11 57.06	-21 24.1	1.852	2.721	13.1	18.3
<b>500401</b>	2012 TU <sub>97</sub>		3 26.6 122°83	1°2/25.4	17		<b>503091</b>	2015 FR <sub>296</sub>		3 26.6 331°34	5°6/20.0	17	
2 21	12 46.18	-0 0.6	2.354	3.181	11.4	21.6	2 21	12 43.65	+12 35.1	2.144	2.997	11.3	

EPHEMERIDES

3 26.6

3 26.7

2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$	2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$
<b>266860</b>	2009 <i>UZ</i> <sub>109</sub>		3 26.6 249°20	1.9°/28.5	17		<b>243049</b>	2007 <i>BQ</i> <sub>2</sub>		3 26.7 201°15	6°7/ 4.9	18	
2 21	12 45.46	-10 7.9	2.004	2.809	13.9	21.0	2 21	12 45.19	-29 4.1	2.874	3.545	13.1	20.6
3 2	12 41.00	-9 51.0	1.908	2.798	10.8	20.8	3 2	12 40.40	-29 26.1	2.770	3.542	11.4	20.5
3 12	12 34.51	-9 17.4	1.835	2.787	7.2	20.6	3 12	12 33.96	-29 28.3	2.687	3.538	9.6	20.3
3 22	12 26.56	-8 29.4	1.788	2.776	3.4	20.3	3 22	12 26.37	-29 9.3	2.628	3.533	7.8	20.2
4 1	12 18.01	-7 31.4	1.769	2.764	2.4	20.2	4 1	12 18.32	-28 29.5	2.595	3.528	6.8	20.1
4 11	12 9.86	-6 29.8	1.779	2.753	6.2	20.4	4 11	12 10.58	-27 31.9	2.590	3.523	6.9	20.1
4 21	12 2.97	-5 31.2	1.815	2.741	10.1	20.6	4 21	12 3.84	-26 21.6	2.611	3.517	8.2	20.2
5 1	11 58.03	-4 41.6	1.875	2.728	13.6	20.8	5 1	11 58.66	-25 4.8	2.658	3.511	10.1	20.3
<b>436891</b>	2012 <i>TT</i> <sub>40</sub>		3 26.6 307°71	0°4/26.9	17		<b>30408</b>	2000 <i>KW</i> <sub>55</sub>		3 26.7 305°09	5°0/21.2	18	
2 21	12 54.84	-1 32.3	1.736	2.559	14.9	20.1	2 21	12 44.54	+10 19.7	2.098	2.949	11.6	18.3
3 2	12 48.58	-2 11.1	1.629	2.533	11.5	19.8	3 2	12 40.08	+11 21.2	2.028	2.946	8.8	18.1
3 12	12 39.52	-2 44.6	1.545	2.507	7.3	19.5	3 12	12 33.80	+12 23.2	1.983	2.943	6.1	17.9
3 22	12 28.29	-3 14.3	1.488	2.481	2.5	19.1	3 22	12 26.31	+13 19.1	1.966	2.940	5.0	17.8
4 1	12 15.95	-3 42.1	1.460	2.456	2.7	19.1	4 1	12 18.43	+14 2.4	1.977	2.938	6.5	17.9
4 11	12 3.88	-4 10.8	1.461	2.430	7.7	19.3	4 11	12 11.05	+14 28.4	2.014	2.935	9.3	18.1
4 21	11 53.34	-4 43.1	1.488	2.405	12.5	19.5	4 21	12 4.93	+14 34.9	2.075	2.932	12.2	18.3
5 1	11 45.34	-5 21.5	1.538	2.381	16.6	19.7	5 1	12 0.61	+14 21.8	2.157	2.930	14.8	18.4
<b>418073</b>	2007 <i>VT</i> <sub>226</sub>		3 26.6 237°99	5°4/ 1.0	17		<b>255686</b>	2006 <i>QM</i> <sub>55</sub>		3 26.7 206°58	0°5/27.1	16	
2 21	12 48.38	-20 29.6	2.087	2.833	15.3	22.0	2 21	12 48.19	-6 8.0	2.058	2.871	13.3	22.0
3 2	12 43.34	-20 29.4	1.975	2.816	12.8	21.8	3 2	12 42.93	-5 43.1	1.967	2.865	10.1	21.8
3 12	12 36.06	-20 6.2	1.884	2.797	9.8	21.5	3 12	12 35.64	-5 4.9	1.900	2.859	6.4	21.6
3 22	12 27.11	-19 18.8	1.818	2.777	6.9	21.3	3 22	12 26.94	-4 16.6	1.861	2.853	2.2	21.3
4 1	12 17.38	-18 9.2	1.779	2.757	5.4	21.2	4 1	12 17.69	-3 23.2	1.850	2.846	2.2	21.3
4 11	12 7.94	-16 43.2	1.769	2.735	6.9	21.2	4 11	12 8.88	-2 30.8	1.869	2.838	6.4	21.5
4 21	11 59.80	-15 8.9	1.786	2.713	10.1	21.4	4 21	12 1.37	-1 45.2	1.915	2.829	10.3	21.7
5 1	11 53.73	-13 35.5	1.828	2.689	13.5	21.5	5 1	11 55.80	-1 10.7	1.984	2.820	13.6	21.9
<b>6880</b>	Hayamiyu		3 26.6 76°69	0°9/27.5	18		<b>312822</b>	2011 <i>SO</i> <sub>91</sub>		3 26.7 265°56	2°3/29.5	17	
2 21	12 46.68	-6 26.0	1.930	2.748	13.9	16.6	2 21	12 42.51	-12 59.5	2.522	3.306	12.0	21.5
3 2	12 41.79	-6 17.6	1.855	2.755	10.5	16.4	3 2	12 38.47	-12 36.5	2.413	3.289	9.5	21.3
3 12	12 34.89	-5 56.4	1.803	2.762	6.7	16.2	3 12	12 32.82	-11 57.6	2.328	3.271	6.5	21.1
3 22	12 26.66	-5 25.2	1.778	2.769	2.5	15.9	3 22	12 26.03	-11 4.5	2.270	3.252	3.5	20.9
4 1	12 18.00	-4 48.5	1.781	2.777	2.2	15.9	4 1	12 18.74	-10 0.6	2.241	3.234	2.5	20.8
4 11	12 9.90	-4 12.0	1.812	2.784	6.2	16.2	4 11	12 11.73	-8 51.3	2.242	3.215	5.1	20.9
4 21	12 3.19	-3 40.7	1.869	2.791	10.1	16.4	4 21	12 5.66	-7 42.2	2.270	3.196	8.3	21.1
5 1	11 58.48	-3 18.9	1.950	2.798	13.4	16.7	5 1	12 1.12	-6 39.0	2.324	3.177	11.3	21.2
<b>432440</b>	2010 <i>CV</i> <sub>8</sub>		3 26.6 22°53	6°8/19.7	17		<b>158320</b>	2001 <i>VW</i> <sub>78</sub>		3 26.7 244°86	1°7/25.3	17	
2 21	12 44.84	+14 26.9	1.856	2.713	12.6	20.3	2 21	12 51.00	-0 10.2	1.778	2.610	14.2	20.7
3 2	12 40.45	+15 37.9	1.801	2.717	9.8	20.1	3 2	12 45.46	+0 21.9	1.681	2.592	10.7	20.5
3 12	12 34.06	+16 45.3	1.769	2.721	7.5	20.0	3 12	12 37.45	+1 4.6	1.608	2.574	6.6	20.2
3 22	12 26.38	+17 41.0	1.764	2.726	6.8	19.9	3 22	12 27.59	+1 53.1	1.562	2.555	2.3	19.9
4 1	12 18.35	+18 18.0	1.786	2.731	8.4	20.0	4 1	12 16.92	+2 40.6	1.544	2.535	3.8	19.9
4 11	12 10.97	+18 32.0	1.832	2.736	11.1	20.2	4 11	12 6.64	+3 20.3	1.554	2.514	8.4	20.1
4 21	12 5.06	+18 22.3	1.901	2.742	13.8	20.4	4 21	11 57.86	+3 46.7	1.590	2.493	12.8	20.3
5 1	12 1.16	+17 50.4	1.989	2.748	16.3	20.6	5 1	11 51.41	+3 56.4	1.648	2.470	16.6	20.5
<b>65978</b>	1998 <i>HS</i> <sub>98</sub>		3 26.6 319°90	2°4/28.8	18		<b>291190</b>	2006 <i>AW</i> <sub>67</sub>		3 26.7 61°55	0°9/25.9	18	
2 21	12 40.83	-11 26.8	1.553	2.376	16.4	18.7	2 21	12 47.79	-3 57.3	1.239	2.089	18.1	21.0
3 2	12 38.15	-11 3.5	1.454	2.353	12.9	18.4	3 2	12 43.30	-3 9.4	1.188	2.108	13.4	20.8
3 12	12 33.07	-10 16.6	1.376	2.331	8.8	18.1	3 12	12 36.06	-2 4.3	1.159	2.127	8.1	20.5
3 22	12 26.18	-9 8.3	1.322	2.310	4.3	17.8	3 22	12 27.06	-0 49.6	1.153	2.147	2.5	20.2
4 1	12 18.46	-7 44.3	1.294	2.289	2.9	17.7	4 1	12 17.68	+0 24.7	1.173	2.167	3.6	20.4
4 11	12 11.12	-6 13.9	1.292	2.269	7.4	17.9	4 11	12 9.35	+1 28.4	1.218	2.187	9.0	20.7
4 21	12 5.27	-4 47.3	1.314	2.250	12.2	18.1	4 21	12 3.13	+2 14.5	1.286	2.207	13.7	21.1
5 1	12 1.76	-3 33.7	1.357	2.232	16.5	18.3	5 1	11 59.66	+2 39.5	1.374	2.227	17.6	21.4
<b>348835</b>	2006 <i>RL</i> <sub>98</sub>		3 26.6 168°69	4°6/19.9	18		<b>11788</b>	Nauchnyj		3 26.7 248°07	1°1/27.7	18	
2 21	12 42.45	+10 44.7	2.582	3.428	9.8	20.9	2 21	12 48.49	-7 53.0	1.955	2.764	14.1	19.6
3 2	12 38.21	+12 10.4	2.516	3.431	7.4	20.7	3 2	12 43.43	-7 34.4	1.851	2.746	10.9	19.3
3 12	12 32.51	+13 36.8	2.477	3.433	5.3	20.6	3 12	12 36.12	-7 0.2	1.770	2.726	7.0	19.0
3 22	12 25.87	+14 57.3	2.467	3.435	4.7	20.5	3 22	12 27.15	-6 12.9	1.715	2.706	2.8	18.7
4 1	12 18.92	+16 6.2	2.487	3.437	6.1	20.6	4 1	12 17.42	-5 17.0	1.689	2.685	2.3	18.6
4 11	12 12.37	+16 58.6	2.534	3.438	8.4	20.8	4 11	12 8.01	-4 19.2	1.692	2.663	6.7	18.9
4 21	12 6.82	+17 32.3	2.607	3.439	10.8	20.9	4 21	11 59.90	-3 26.1	1.722	2.641	10.9	19.1
5 1	12 2.72	+17 46.9	2.700	3.440	12.9	21.1	5 1	11 53.88	-2 43.5	1.775	2.618	14.7	19.3
<b>500850</b>	2013 <i>HB</i> <sub>81</sub>		3 26.7 271°28	2°1/28.6	17		<b>208631</b>	2002 <i>ED</i> <sub>88</sub>		3 26.7 281°58	1°6/25.5	18	
2 21	12 45.63	-11 30.3	1.725	2.533	15.7	22.7	2 21	12 49.79	-0 0.6	1.512	2.356	15.7	19.7
3 2	12 41.61	-10 58.2	1.618	2.509	12.3	22.4	3 2	12 44.80	+0 15.6	1.430	2.347	11.8	19.4
3 12	12 35.16	-10 3.3	1.532	2.485	8.3	22.1	3 12	12 37.11	+0 41.9	1.370	2.337	7.2	19.2
3 22	12 26.86	-8 47.8	1.472	2.460	3.9	21.8	3 22	12 27.49	+1 13.3	1.334	2.328	2.5	18.8
4 1	12 17.68	-7 17.0	1.439	2.434	2.7	21.6	4 1	12 17.09	+1 43.4	1.326	2.319	3.8	18.9
4 11	12 8.79	-5 40.2	1.434	2.409	7.2	21.8	4 11	12 7.29	+2 5.4	1.344	2.310	8.8	19.2
4 21	12 1.32	-4 7.2	1.455	2.382	11.9	22.0	4 21	11 59.24	+2 14.4	1.387	2.300	13.5	19.4
5 1	11 56.14	-2 46.8	1.498	2.356	16.2	22.2	5 1	11 53.81	+2 7.4	1.450	2.291	17.5	19.6
<b>263199</b>	2007 <i>YB</i> <sub>64</sub>		3 26.7 310°93	0°3/26.9	17		<b>380944</b>	2006 <i>KD</i> <sub>16</sub>		3 26.7 317°89	9°0/17.1	17	
2 21	12 45.02	-5 13.7	1.454	2.295	16.4								

EPHEMERIDES

3 26.7

3 26.7

2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$	2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$
<b>229168</b>	2004 <i>TP</i> <sub>129</sub>		3 26.7 104°14	2°2/24.4	18		<b>276003</b>	2001 <i>YE</i> <sub>7</sub>		3 26.7 188°00	3°5/30.4	17	R
2 21	12 47.06	+ 1 44.7	2.062	2.898	12.4	21.0	2 21	12 47.95	-15 18.2	2.402	3.168	13.0	21.8
3 2	12 41.83	+ 2 29.9	2.001	2.915	9.1	20.8	3 2	12 42.54	-15 21.2	2.308	3.167	10.5	21.6
3 12	12 34.80	+ 3 21.5	1.965	2.931	5.5	20.6	3 12	12 35.33	-15 7.9	2.236	3.166	7.5	21.4
3 22	12 26.64	+ 4 14.2	1.957	2.948	2.4	20.5	3 22	12 26.87	-14 38.9	2.191	3.164	4.7	21.2
4 1	12 18.20	+ 5 2.1	1.978	2.964	3.8	20.6	4 1	12 17.92	-13 56.8	2.175	3.162	3.5	21.1
4 11	12 10.39	+ 5 39.9	2.027	2.980	7.2	20.8	4 11	12 9.35	-13 6.3	2.189	3.159	5.5	21.2
4 21	12 3.92	+ 6 4.2	2.102	2.995	10.6	21.1	4 21	12 1.93	-12 12.9	2.231	3.155	8.6	21.4
5 1	11 59.30	+ 6 13.4	2.201	3.010	13.4	21.3	5 1	11 56.25	-11 22.2	2.298	3.150	11.5	21.6
<b>287659</b>	2003 <i>MV</i> <sub>9</sub>		3 26.7 279°52	7°5/2.4	18		<b>347803</b>	2002 <i>JY</i> <sub>55</sub>		3 26.7 290°44	4°9/31.8	16	
2 21	12 47.36	-23 57.1	2.066	2.795	16.0	20.5	2 21	12 45.69	-19 51.9	2.218	2.968	14.4	21.7
3 2	12 42.78	-24 39.9	1.952	2.772	13.8	20.3	3 2	12 41.40	-19 43.6	2.082	2.927	12.1	21.5
3 12	12 35.87	-25 1.1	1.859	2.748	11.2	20.0	3 12	12 34.97	-19 12.7	1.968	2.884	9.2	21.2
3 22	12 27.14	-24 57.7	1.788	2.724	8.9	19.8	3 22	12 26.86	-18 17.9	1.878	2.841	6.4	20.9
4 1	12 17.48	-24 28.9	1.743	2.700	7.6	19.7	4 1	12 17.82	-17 0.7	1.817	2.797	4.9	20.7
4 11	12 8.01	-23 37.8	1.724	2.676	8.4	19.7	4 11	12 8.86	-15 26.2	1.784	2.752	6.6	20.8
4 21	11 59.81	-22 30.9	1.731	2.652	10.8	19.8	4 21	12 0.94	-13 42.4	1.778	2.707	10.1	20.9
5 1	11 53.75	-21 16.6	1.761	2.627	13.8	19.9	5 1	11 54.91	-11 58.5	1.798	2.661	13.7	21.0
<b>127013</b>	2002 <i>GV</i> <sub>11</sub>		3 26.7 296°40	2°6/23.9	18		<b>205746</b>	2002 <i>CY</i> <sub>15</sub>		3 26.7 294°06	4°7/22.4	16	
2 21	12 43.55	+ 1 12.8	1.867	2.713	13.1	19.7	2 21	12 44.45	+ 3 47.1	1.418	2.281	15.4	20.0
3 2	12 39.58	+ 2 16.2	1.790	2.710	9.6	19.5	3 2	12 40.90	+ 5 14.4	1.343	2.271	11.5	19.7
3 12	12 33.62	+ 3 29.3	1.738	2.707	5.8	19.2	3 12	12 34.75	+ 6 53.3	1.291	2.260	7.3	19.5
3 22	12 26.31	+ 4 45.6	1.712	2.704	2.7	19.0	3 22	12 26.76	+ 8 33.8	1.264	2.250	4.7	19.3
4 1	12 18.54	+ 5 57.3	1.715	2.701	4.4	19.1	4 1	12 18.04	+10 4.2	1.262	2.241	7.0	19.4
4 11	12 11.27	+ 6 57.2	1.745	2.698	8.2	19.3	4 11	12 9.94	+11 14.0	1.286	2.231	11.3	19.6
4 21	12 5.33	+ 7 40.2	1.800	2.695	11.9	19.6	4 21	12 3.57	+11 57.1	1.332	2.221	15.7	19.8
5 1	12 1.35	+ 8 3.8	1.877	2.692	15.1	19.8	5 1	11 59.74	+12 11.7	1.397	2.212	19.4	20.0
<b>120094</b>	2003 <i>ET</i> <sub>39</sub>		3 26.7 319°28	9°8/18.2	18		<b>147721</b>	2005 <i>MK</i> <sub>1</sub>		3 26.7 223°70	0°1/26.7	17	
2 21	12 47.54	+18 29.5	1.455	2.317	15.1	19.0	2 21	12 43.16	- 4 42.0	3.023	3.832	9.6	21.9
3 2	12 43.34	+19 47.2	1.381	2.295	12.4	18.7	3 2	12 38.62	- 4 12.4	2.924	3.821	7.2	21.7
3 12	12 36.33	+20 58.6	1.329	2.273	10.3	18.6	3 12	12 32.77	- 3 34.2	2.850	3.810	4.5	21.5
3 22	12 27.28	+21 52.3	1.301	2.252	10.0	18.5	3 22	12 26.01	- 2 49.9	2.805	3.798	1.5	21.2
4 1	12 17.41	+22 17.9	1.297	2.231	11.9	18.5	4 1	12 18.91	- 2 3.1	2.791	3.786	1.7	21.2
4 11	12 8.18	+22 9.4	1.314	2.211	15.1	18.7	4 11	12 12.06	- 1 17.8	2.808	3.774	4.7	21.4
4 21	12 0.82	+21 26.7	1.352	2.192	18.4	18.8	4 21	12 6.02	- 0 37.7	2.853	3.760	7.5	21.6
5 1	11 56.19	+20 13.3	1.406	2.174	21.5	19.0	5 1	12 1.23	- 0 5.7	2.923	3.747	10.1	21.7
<b>190432</b>	1999 <i>WO</i> <sub>17</sub>		3 26.7 150°97	1°2/28.0	17		<b>52572</b>	1997 <i>LL</i>		3 26.7 215°29	1°0/25.6	17	
2 21	12 45.03	- 9 2.3	2.257	3.060	12.6	20.8	2 21	12 45.94	- 3 8.5	2.175	2.998	12.3	20.3
3 2	12 40.34	- 8 34.5	2.175	3.066	9.7	20.7	3 2	12 41.16	- 2 13.2	2.083	2.990	9.2	20.1
3 12	12 33.93	- 7 52.5	2.117	3.071	6.3	20.4	3 12	12 34.54	- 1 5.7	2.016	2.981	5.6	19.8
3 22	12 26.39	- 6 59.3	2.087	3.077	2.6	20.2	3 22	12 26.62	+ 0 9.3	1.978	2.971	1.8	19.6
4 1	12 18.47	- 5 59.5	2.086	3.081	2.0	20.2	4 1	12 18.21	+ 1 25.5	1.969	2.961	2.8	19.6
4 11	12 11.01	- 4 59.1	2.114	3.086	5.5	20.4	4 11	12 10.18	+ 2 36.0	1.990	2.950	6.8	19.9
4 21	12 4.72	- 4 3.4	2.170	3.090	8.9	20.6	4 21	12 3.33	+ 3 35.0	2.037	2.939	10.4	20.0
5 1	12 0.13	- 3 17.1	2.250	3.094	12.0	20.8	5 1	11 58.27	+ 4 18.8	2.108	2.927	13.6	20.2
<b>335776</b>	2007 <i>EU</i> <sub>180</sub>		3 26.7 325°62	0°8/27.1	17		<b>301047</b>	2008 <i>TJ</i> <sub>124</sub>		3 26.7 245°33	2°1/28.3	17	
2 21	12 50.28	- 3 19.6	1.544	2.377	16.0	20.0	2 21	12 49.38	- 9 47.7	1.608	2.421	16.4	21.8
3 2	12 45.25	- 3 48.1	1.454	2.363	12.2	19.7	3 2	12 44.53	- 9 38.5	1.513	2.407	12.8	21.6
3 12	12 37.47	- 4 7.0	1.386	2.349	7.8	19.4	3 12	12 37.03	- 9 9.8	1.439	2.393	8.6	21.3
3 22	12 27.66	- 4 18.1	1.343	2.336	2.8	19.1	3 22	12 27.53	- 8 23.4	1.389	2.378	4.0	21.0
4 1	12 16.95	- 4 24.6	1.327	2.323	2.7	19.0	4 1	12 17.13	- 7 24.2	1.367	2.362	2.9	20.8
4 11	12 6.71	- 4 30.9	1.338	2.311	7.8	19.3	4 11	12 7.16	- 6 20.1	1.372	2.346	7.5	21.1
4 21	11 58.19	- 4 41.1	1.374	2.300	12.6	19.5	4 21	11 58.82	- 5 19.6	1.403	2.330	12.3	21.3
5 1	11 52.29	- 4 59.1	1.431	2.289	16.7	19.8	5 1	11 53.02	- 4 30.2	1.455	2.313	16.6	21.5
<b>111996</b>	2002 <i>GV</i> <sub>117</sub>		3 26.7 228°46	3°2/23.3	17		<b>374144</b>	2004 <i>TO</i> <sub>204</sub>		3 26.7 83°51	2°4/24.4	18	
2 21	12 47.66	+ 3 22.4	2.043	2.881	12.4	20.6	2 21	12 48.62	+ 2 51.4	1.945	2.783	13.0	20.7
3 2	12 42.60	+ 4 29.7	1.953	2.868	9.2	20.4	3 2	12 43.04	+ 3 25.1	1.889	2.803	9.5	20.5
3 12	12 35.49	+ 5 45.2	1.888	2.854	5.7	20.1	3 12	12 35.56	+ 4 4.1	1.857	2.824	5.8	20.4
3 22	12 26.94	+ 7 2.4	1.852	2.840	3.3	19.9	3 22	12 26.90	+ 4 43.0	1.853	2.844	2.6	20.2
4 1	12 17.81	+ 8 13.8	1.845	2.824	5.0	20.0	4 1	12 17.99	+ 5 16.3	1.877	2.863	4.0	20.3
4 11	12 9.07	+ 9 12.5	1.866	2.808	8.6	20.2	4 11	12 9.79	+ 5 39.2	1.930	2.883	7.5	20.6
4 21	12 1.61	+ 9 53.6	1.912	2.791	12.1	20.4	4 21	12 3.06	+ 5 48.9	2.008	2.902	10.9	20.8
5 1	11 56.09	+10 15.0	1.981	2.773	15.3	20.5	5 1	11 58.31	+ 5 44.3	2.109	2.921	13.8	21.0
<b>146227</b>	2000 <i>WA</i> <sub>71</sub>		3 26.7 109°18	1°1/25.4	18		<b>423435</b>	2005 <i>QP</i> <sub>141</sub>		3 26.7 162°18	0°6/27.4	16	
2 21	12 45.90	+ 0 16.0	2.462	3.289	10.9	20.0	2 21	12 47.94	- 6 35.8	2.465	3.267	11.7	23.1
3 2	12 40.80	+ 0 32.9	2.386	3.295	8.1	19.8	3 2	12 42.35	- 6 13.5	2.382	3.275	8.9	23.0
3 12	12 34.13	+ 0 55.6	2.336	3.301	4.9	19.6	3 12	12 35.11	- 5 40.0	2.325	3.281	5.6	22.8
3 22	12 26.44	+ 1 20.8	2.314	3.307	1.7	19.4	3 22	12 26.78	- 4 58.3	2.296	3.287	2.1	22.5
4 1	12 18.44	+ 1 44.6	2.321	3.313	2.6	19.5	4 1	12 18.10	- 4 12.3	2.297	3.293	1.8	22.5
4 11	12 10.88	+ 2 3.3	2.358	3.318	5.9	19.7	4 11	12 9.87	- 3 26.9	2.329	3.297	5.3	22.8
4 21	12 4.40	+ 2 13.9	2.422	3.324	9.0	19.9	4 21	12 2.75	- 2 46.6	2.389	3.301	8.6	23.0
5 1	11 59.51	+ 2 14.4	2.511	3.330	11.6	20.1	5 1	11 57.29	- 2 15.0	2.473	3.304	11.4	23.2
<b>472124</b>	2014 <i>BM</i> <sub>24</sub>		3 26.7 206°86	3°6/31.1	17		<b>23283</b>	<i>Jinjuji</i>		3 26.7 145°79	3°1/23.9		

EPHEMERIDES

3 26.7

3 26.7

2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$	2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$
<b>98190</b>	2000 <i>SL</i> <sub>112</sub>		3 26.7 37°49	1.3°/27.8	18		<b>138671</b>	2000 <i>SY</i> <sub>3</sub>		3 26.7 154°57	4.5°/19.4	18	
2 21	12 44.59	- 9 19.6	1.403	2.234	17.4	19.5	2 21	12 42.95	+13 36.2	3.113	3.953	8.5	20.3
3 2	12 40.94	- 8 41.0	1.331	2.237	13.4	19.2	3 2	12 38.36	+14 50.5	3.053	3.961	6.6	20.2
3 12	12 34.73	- 7 39.4	1.280	2.241	8.6	19.0	3 12	12 32.54	+16 3.0	3.022	3.969	4.9	20.1
3 22	12 26.74	- 6 19.8	1.253	2.245	3.4	18.7	3 22	12 25.96	+17 8.6	3.019	3.977	4.5	20.1
4 1	12 18.15	- 4 50.4	1.252	2.249	2.7	18.6	4 1	12 19.14	+18 2.9	3.046	3.984	5.7	20.2
4 11	12 10.28	- 3 22.0	1.277	2.253	7.8	18.9	4 11	12 12.68	+18 42.5	3.101	3.990	7.5	20.3
4 21	12 4.21	- 2 4.5	1.327	2.257	12.6	19.2	4 21	12 7.07	+19 6.0	3.182	3.996	9.5	20.4
5 1	12 0.67	- 1 5.0	1.397	2.262	16.7	19.5	5 1	12 2.71	+19 13.2	3.285	4.002	11.2	20.6
<b>497897</b>	2006 <i>UH</i> <sub>323</sub>		3 26.7 131°55	0°3/27.0	17		<b>29120</b>	1981 <i>EY</i> <sub>45</sub>		3 26.7 118°85	1°3/28.3	18	
2 21	12 45.78	- 4 54.7	2.497	3.308	11.3	21.6	2 21	12 44.66	- 9 1.8	2.667	3.462	11.1	19.5
3 2	12 40.72	- 4 42.2	2.417	3.316	8.5	21.4	3 2	12 39.79	- 8 45.9	2.591	3.477	8.5	19.4
3 12	12 34.10	- 4 20.4	2.363	3.323	5.3	21.2	3 12	12 33.49	- 8 18.6	2.539	3.490	5.5	19.2
3 22	12 26.46	- 3 52.1	2.337	3.330	1.8	21.0	3 22	12 26.27	- 7 42.2	2.516	3.504	2.5	19.0
4 1	12 18.49	- 3 20.7	2.341	3.337	1.8	21.0	4 1	12 18.78	- 7 0.2	2.522	3.517	1.8	19.0
4 11	12 10.95	- 2 50.6	2.375	3.343	5.2	21.2	4 11	12 11.71	- 6 16.9	2.558	3.530	4.7	19.2
4 21	12 4.48	- 2 25.4	2.436	3.350	8.4	21.4	4 21	12 5.64	- 5 36.5	2.623	3.542	7.6	19.4
5 1	11 59.57	- 2 8.1	2.522	3.356	11.2	21.6	5 1	12 1.03	- 5 2.4	2.712	3.554	10.2	19.6
<b>142610</b>	2002 <i>TU</i> <sub>132</sub>		3 26.7 159°30	2°2/28.7	16		<b>402103</b>	2003 <i>WM</i> <sub>109</sub>		3 26.7 115°58	2°9/29.7	18	
2 21	12 48.89	-10 10.3	1.938	2.738	14.5	21.4	2 21	12 50.04	-13 54.3	2.075	2.853	14.4	22.8
3 2	12 43.54	-10 7.3	1.856	2.742	11.3	21.2	3 2	12 44.10	-13 37.5	2.007	2.878	11.3	22.6
3 12	12 36.07	- 9 48.4	1.797	2.747	7.5	21.0	3 12	12 36.24	-13 2.5	1.963	2.902	7.8	22.4
3 22	12 27.14	- 9 15.6	1.764	2.750	3.7	20.8	3 22	12 27.17	-12 11.6	1.944	2.925	4.3	22.3
4 1	12 17.71	- 8 32.8	1.760	2.754	2.6	20.7	4 1	12 17.81	-11 9.2	1.955	2.947	3.0	22.2
4 11	12 8.81	- 7 46.1	1.784	2.757	6.2	20.9	4 11	12 9.11	-10 1.8	1.996	2.968	5.7	22.4
4 21	12 1.34	- 7 1.4	1.835	2.759	10.0	21.2	4 21	12 1.87	- 8 56.3	2.064	2.988	9.1	22.7
5 1	11 55.96	- 6 24.3	1.909	2.761	13.4	21.4	5 1	11 56.61	- 7 58.3	2.157	3.008	12.2	22.9
<b>7306</b>	<i>Panizon</i>		3 26.7 307°83	8°0/29.5	18		<b>429104</b>	2009 <i>SL</i> <sub>70</sub>		3 26.7 167°67	0°8/25.7	16	
2 21	13 0.82	-15 44.5	1.687	2.451	17.8	17.4	2 21	12 45.56	- 3 4.5	2.402	3.222	11.4	22.8
3 2	12 53.93	-17 41.1	1.563	2.415	15.0	17.1	3 2	12 40.63	- 2 13.2	2.322	3.227	8.5	22.7
3 12	12 43.48	-19 29.2	1.462	2.379	11.8	16.8	3 12	12 34.09	- 1 11.7	2.268	3.231	5.1	22.5
3 22	12 29.89	-21 2.4	1.387	2.343	8.9	16.6	3 22	12 26.49	- 0 4.4	2.242	3.235	1.6	22.2
4 1	12 14.23	-22 14.8	1.340	2.308	8.1	16.4	4 1	12 18.55	+ 1 3.2	2.246	3.238	2.5	22.3
4 11	11 58.19	-23 3.6	1.321	2.272	10.5	16.5	4 11	12 11.03	+ 2 5.2	2.280	3.241	6.0	22.5
4 21	11 43.58	-23 31.1	1.329	2.237	14.3	16.6	4 21	12 4.62	+ 2 57.2	2.342	3.243	9.3	22.7
5 1	11 31.91	-23 44.3	1.359	2.202	18.4	16.7	5 1	11 59.81	+ 3 35.9	2.428	3.244	12.1	22.9
<b>302827</b>	2003 <i>EM</i> <sub>48</sub>		3 26.7 313°83	3°9/21.7	17		<b>331773</b>	2003 <i>EU</i> <sub>15</sub>		3 26.7 18°49	2°3/25.1	18	
2 21	12 40.00	+ 4 24.6	2.017	2.872	11.9	20.0	2 21	12 46.67	+ 1 21.4	1.299	2.159	16.8	19.9
3 2	12 36.92	+ 5 58.9	1.930	2.854	8.8	19.8	3 2	12 42.55	+ 1 40.5	1.239	2.164	12.4	19.7
3 12	12 32.02	+ 7 42.1	1.869	2.837	5.6	19.6	3 12	12 35.72	+ 2 8.8	1.201	2.171	7.5	19.4
3 22	12 25.85	+ 9 26.6	1.836	2.820	4.0	19.4	3 22	12 27.08	+ 2 39.9	1.186	2.179	2.9	19.2
4 1	12 19.16	+11 3.6	1.831	2.803	5.8	19.5	4 1	12 17.91	+ 3 6.6	1.197	2.188	4.4	19.3
4 11	12 12.84	+12 25.1	1.854	2.787	9.2	19.7	4 11	12 9.63	+ 3 22.0	1.232	2.198	9.3	19.6
4 21	12 7.66	+13 25.7	1.901	2.771	12.6	19.9	4 21	12 3.31	+ 3 22.0	1.291	2.209	13.9	19.9
5 1	12 4.23	+14 2.9	1.968	2.756	15.5	20.0	5 1	11 59.68	+ 3 4.9	1.368	2.221	17.7	20.1
<b>27986</b>	<i>Hanuš</i>		3 26.7 136°06	1°0/27.8	18		<b>358525</b>	2007 <i>SS</i> <sub>17</sub>		3 26.7 297°40	0°8/25.9	16	
2 21	12 45.58	- 9 26.2	2.088	2.893	13.4	19.6	2 21	12 44.03	- 4 53.5	1.398	2.244	16.6	20.9
3 2	12 40.84	- 8 40.6	2.012	2.904	10.2	19.4	3 2	12 40.69	- 3 58.0	1.315	2.233	12.6	20.6
3 12	12 34.29	- 7 37.8	1.960	2.915	6.6	19.2	3 12	12 34.72	- 2 42.1	1.254	2.222	7.7	20.3
3 22	12 26.54	- 6 24.6	1.935	2.925	2.6	18.9	3 22	12 26.82	- 1 11.9	1.216	2.211	2.4	19.9
4 1	12 18.43	- 5 4.0	1.939	2.935	2.0	18.9	4 1	12 18.14	+ 0 22.9	1.205	2.200	3.5	20.0
4 11	12 10.87	- 3 44.2	1.973	2.944	5.9	19.2	4 11	12 10.01	+ 1 50.8	1.220	2.189	9.0	20.2
4 21	12 4.59	- 2 31.9	2.034	2.953	9.5	19.4	4 21	12 3.62	+ 3 2.3	1.258	2.179	14.0	20.5
5 1	12 0.13	- 1 32.0	2.119	2.961	12.7	19.6	5 1	11 59.80	+ 3 51.3	1.316	2.168	18.3	20.7
<b>83913</b>	2001 <i>VF</i> <sub>6</sub>		3 26.7 230°06	0°2/26.5	18 R		<b>227943</b>	2007 <i>GJ</i> <sub>38</sub>		3 26.7 15°47	1°9/24.9	17	
2 21	12 44.23	- 3 48.9	2.445	3.264	11.3	20.0	2 21	12 46.14	+ 0 26.9	1.756	2.598	13.9	20.2
3 2	12 39.69	- 3 23.9	2.355	3.258	8.4	19.8	3 2	12 41.62	+ 1 2.5	1.682	2.599	10.3	20.0
3 12	12 33.55	- 2 49.2	2.290	3.253	5.2	19.6	3 12	12 34.95	+ 1 47.1	1.632	2.600	6.2	19.7
3 22	12 26.31	- 2 8.2	2.253	3.247	1.6	19.3	3 22	12 26.82	+ 2 35.5	1.608	2.601	2.4	19.5
4 1	12 18.67	- 1 25.1	2.246	3.240	2.0	19.4	4 1	12 18.20	+ 3 20.9	1.612	2.602	3.8	19.6
4 11	12 11.38	- 0 44.5	2.267	3.234	5.6	19.6	4 11	12 10.17	+ 3 57.1	1.643	2.603	7.9	19.8
4 21	12 5.12	- 0 10.7	2.317	3.227	8.9	19.8	4 21	12 3.63	+ 4 19.5	1.698	2.604	11.9	20.0
5 1	12 0.41	+ 0 13.1	2.390	3.221	11.8	19.9	5 1	11 59.21	+ 4 25.7	1.776	2.606	15.3	20.3
<b>8545</b>	<i>McGee</i>		3 26.7 147°35	3°6/29.9	18		<b>177605</b>	2004 <i>GJ</i> <sub>78</sub>		3 26.7 183°70	0°2/26.6	18	
2 21	12 48.72	-14 22.0	1.803	2.590	15.9	19.0	2 21	12 45.36	- 5 34.7	1.861	2.686	14.0	20.4
3 2	12 43.58	-14 17.7	1.723	2.598	12.7	18.8	3 2	12 40.97	- 4 49.7	1.780	2.686	10.5	20.2
3 12	12 36.16	-13 52.6	1.665	2.605	8.9	18.6	3 12	12 34.53	- 3 49.7	1.723	2.686	6.5	19.9
3 22	12 27.19	-13 8.1	1.632	2.611	5.1	18.4	3 22	12 26.68	- 2 39.3	1.692	2.686	2.1	19.6
4 1	12 17.69	-12 8.3	1.627	2.617	3.7	18.3	4 1	12 18.34	- 1 25.2	1.690	2.685	2.5	19.7
4 11	12 8.79	-11 0.5	1.649	2.622	6.6	18.5	4 11	12 10.53	- 0 15.3	1.716	2.684	6.9	19.9
4 21	12 1.46	- 9 52.6	1.698	2.627	10.4	18.7	4 21	12 4.10	+ 0 44.1	1.768	2.683	10.9	20.2
5 1	11 56.36	- 8 51.7	1.770	2.632	13.9	18.9	5 1	11 59.69	+ 1 28.2	1.843	2.682	14.4	20.4
<b>307482</b>	2002 <i>XP</i> <sub>46</sub>		3 26.7 152°11	0°1/26.6	18		<b>229988</b>	1999 <i>XO</i> <sub>225</sub>		3 26.7 288°71	3°6/29.2	18	
2 21	1												



EPHEMERIDES

2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$	2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$
<b>96862</b>	1999 SE <sub>7</sub>		3 26.7 293°16	3°4/23.8 18			<b>150689</b>	2001 OP <sub>69</sub>		3 26.7 198°60	0°9/27.7 17		
2 21	12 48.00	+ 4 24.2	1.821	2.666	13.4	19.1	2 21	12 48.11	- 7 34.2	2.539	3.335	11.6	21.0
3 2	12 43.30	+ 5 3.3	1.717	2.635	10.1	18.8	3 2	12 42.56	- 7 15.3	2.443	3.331	8.8	20.9
<b>53880</b>	2000 FJ <sub>37</sub>		3 26.7 99°02	3°1/23.8 18			<b>503121</b>	2015 FE <sub>334</sub>		3 26.7 75°43	0°9/25.6 17		
2 21	12 47.91	+ 2 57.3	1.741	2.586	13.9	19.0	2 21	12 41.84	- 3 8.2	2.292	3.120	11.6	21.4
<b>204195</b>	2004 BX <sub>103</sub>		3 26.7 267°96	14°4/ 1.1 18			<b>334829</b>	2003 SH <sub>393</sub>		3 26.7 220°95	2°1/24.3 17		
2 21	13 1.42	-24 18.5	1.186	1.940	24.3	19.4	2 21	12 44.34	+ 0 54.5	2.250	3.086	11.5	21.3
<b>468747</b>	2011 AC <sub>46</sub>		3 26.7 81°14	4°9/21.4 18			<b>508763</b>	2017 UO <sub>41</sub>		3 26.7 12°13	2°0/24.7 17		
2 21	12 44.44	+ 6 50.9	1.751	2.607	13.3	21.2	2 21	12 45.71	+ 2 33.3	2.258	3.094	11.5	21.1
<b>1596</b>	Itzigsohn		3 26.7 129°81	5°1/ 2.1 18 R			<b>412916</b>	2014 QR <sub>138</sub>		3 26.7 140°69	0°6/27.2 18		
2 21	12 44.75	-21 55.2	2.394	3.129	13.9	15.9	2 21	12 50.38	- 5 38.3	1.814	2.631	14.6	21.6
<b>298847</b>	2004 RD <sub>197</sub>		3 26.7 163°93	3°7/30.3 18			<b>304707</b>	2006 WD <sub>195</sub>		3 26.7 212°53	3°3/31.1 17		
2 21	12 50.43	-15 10.6	2.013	2.786	15.0	21.7	2 21	12 42.23	-16 56.7	2.620	3.382	12.1	20.8
<b>235899</b>	2005 CY <sub>73</sub>		3 26.7 87°93	0°2/26.5 17			<b>426234</b>	2012 OZ <sub>2</sub>		3 26.7 277°94	6°2/19.8 17		
2 21	12 45.47	- 4 1.1	2.031	2.856	13.0	21.4	2 21	12 46.30	+12 15.8	1.983	2.834	12.2	21.4
<b>354893</b>	2006 BJ <sub>213</sub>		3 26.7 24°34	3°1/28.3 18			<b>501622</b>	2014 SU <sub>147</sub>		3 26.7 240°42	1°4/27.9 17		
2 21	12 50.99	- 7 16.0	1.076	1.921	20.6	20.2	2 21	12 47.64	- 9 20.8	1.783	2.594	15.1	22.3
<b>400248</b>	2007 PW <sub>25</sub>		3 26.7 200°11	0°2/26.8 17			<b>223741</b>	2004 RT <sub>161</sub>		3 26.7 286°14	5°8/ 1.6 17		
2 21	12 49.94	- 5 18.1	2.120	2.930	13.1	22.9	2 21	12 43.60	-21 2.1	1.852	2.613	16.5	19.9











EPHEMERIDES

3 26.8

3 26.8

Table with columns for date (2020), right ascension (α2000), declination (δ2000), and other astronomical parameters (Δ, r, β, V). It lists data for numerous stars including 371992, 383683, 360572, 114304, 147017, 491775, 169639, 389086, 138567, 272851, 140252, 188452, 257616, 212945, 164, 461472, 382321, and 459332.

EPHEMERIDES

3 26.8

3 26.8

Table with columns for Year, RA (α2000), Dec (δ2000), Δ, r, β, V and a corresponding set of columns for the second year. Each entry includes a star name and magnitude, followed by a grid of data points for days 21, 2, 12, 22, 4, 11, 21, 5 of each month.



EPHEMERIDES

3 26.8

3 26.8

2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$	2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$
<b>376001</b>	2010 <i>AF</i> <sub>5</sub>		3 26.8 73°64'	2.7°/24.2	18		<b>467417</b>	2005 <i>TG</i> <sub>6</sub>		3 26.8 137°00'	3.7°/31.1	16	
2 21	12 46.95	+ 2 35.4	1.835	2.678	13.4	20.6	2 21	12 46.54	-17 20.1	2.203	2.967	14.1	21.7
3 2	12 42.15	+ 3 24.4	1.777	2.694	9.8	20.4	3 2	12 41.74	-16 59.9	2.121	2.978	11.4	21.5
3 12	12 35.36	+ 4 19.9	1.743	2.710	6.0	20.2	3 12	12 35.11	-16 19.4	2.062	2.989	8.2	21.3
3 22	12 27.33	+ 5 15.6	1.736	2.726	2.9	20.1	3 22	12 27.28	-15 20.3	2.028	3.000	5.1	21.1
4 1	12 18.98	+ 6 4.9	1.757	2.742	4.4	20.2	4 1	12 19.05	-14 6.6	2.023	3.010	3.7	21.1
4 11	12 11.30	+ 6 41.9	1.806	2.758	8.0	20.4	4 11	12 11.34	-12 44.8	2.047	3.019	5.6	21.2
4 21	12 5.09	+ 7 3.3	1.879	2.774	11.5	20.7	4 21	12 4.87	-11 22.0	2.099	3.028	8.7	21.4
5 1	12 0.88	+ 7 7.5	1.975	2.790	14.5	20.9	5 1	12 0.22	-10 5.1	2.176	3.036	11.7	21.6
<b>346202</b>	2007 <i>XZ</i> <sub>33</sub>		3 26.8 107°27'	7°0/18.2	17		<b>154781</b>	2004 <i>PW</i> <sub>37</sub>		3 26.8 227°36'	0°6'/27.4	17	
2 21	12 47.43	+20 5.8	2.435	3.272	10.7	20.9	2 21	12 46.79	- 6 17.9	1.968	2.786	13.7	20.8
3 2	12 42.11	+21 12.7	2.389	3.285	8.7	20.8	3 2	12 42.17	- 5 58.0	1.882	2.782	10.4	20.6
3 12	12 35.17	+22 12.1	2.369	3.298	7.2	20.7	3 12	12 35.52	- 5 24.5	1.818	2.778	6.6	20.3
3 22	12 27.24	+22 57.6	2.376	3.310	7.1	20.7	3 22	12 27.45	- 4 40.6	1.781	2.773	2.4	20.0
4 1	12 19.09	+23 24.4	2.410	3.322	8.2	20.8	4 1	12 18.85	- 3 51.4	1.773	2.769	2.1	20.0
4 11	12 11.51	+23 30.0	2.470	3.334	10.1	20.9	4 11	12 10.68	- 3 2.8	1.793	2.764	6.3	20.3
4 21	12 5.16	+23 14.6	2.553	3.346	12.1	21.1	4 21	12 3.83	- 2 20.6	1.839	2.759	10.3	20.5
5 1	12 0.50	+22 39.9	2.656	3.358	13.9	21.2	5 1	11 58.93	- 1 49.4	1.908	2.754	13.7	20.7
<b>240265</b>	2002 <i>WY</i> <sub>1</sub>		3 26.8 25°14'	5°8'/21.1	17		<b>549</b>	Jessonda		3 26.8 67°76'	2°4'/29.0	18	
2 21	12 46.88	+12 36.2	1.955	2.806	12.4	19.9	2 21	12 49.11	-11 9.1	1.704	2.508	16.0	15.0
3 2	12 42.09	+13 29.7	1.893	2.809	9.5	19.8	3 2	12 43.87	-10 58.4	1.648	2.536	12.4	14.9
3 12	12 35.35	+14 21.1	1.857	2.812	6.8	19.6	3 12	12 36.46	-10 29.1	1.615	2.564	8.2	14.7
3 22	12 27.34	+15 3.3	1.846	2.816	5.8	19.5	3 22	12 27.71	- 9 44.4	1.606	2.592	4.1	14.5
4 1	12 18.96	+15 30.1	1.863	2.820	7.2	19.6	4 1	12 18.67	- 8 49.7	1.625	2.620	2.8	14.4
4 11	12 11.20	+15 37.6	1.906	2.824	10.0	19.8	4 11	12 10.43	- 7 52.2	1.672	2.647	6.3	14.7
4 21	12 4.83	+15 24.7	1.973	2.828	12.8	20.0	4 21	12 3.86	- 6 59.0	1.745	2.675	10.2	15.0
5 1	12 0.42	+14 52.3	2.060	2.833	15.4	20.2	5 1	11 59.50	- 6 15.4	1.842	2.702	13.5	15.3
<b>428878</b>	2008 <i>UO</i> <sub>287</sub>		3 26.8 110°41'	3°6'/23.1	18		<b>128350</b>	2004 <i>GE</i> <sub>31</sub>		3 26.8 305°29'	0°5'/26.5	18	
2 21	12 48.00	+ 6 56.0	2.200	3.039	11.6	21.2	2 21	12 49.08	- 3 4.3	1.266	2.115	17.9	19.4
3 2	12 42.65	+ 7 40.4	2.138	3.053	8.6	21.1	3 2	12 44.96	- 2 51.4	1.186	2.104	13.6	19.1
3 12	12 35.57	+ 8 26.7	2.103	3.066	5.5	20.9	3 12	12 37.78	- 2 23.0	1.127	2.095	8.5	18.7
3 22	12 27.39	+ 9 9.6	2.095	3.079	3.6	20.8	3 22	12 28.32	- 1 43.7	1.091	2.085	2.8	18.4
4 1	12 18.93	+ 9 43.6	2.116	3.091	4.9	20.9	4 1	12 17.89	- 1 0.7	1.080	2.075	3.4	18.4
4 11	12 11.05	+10 4.6	2.166	3.104	7.8	21.1	4 11	12 8.09	- 0 23.0	1.094	2.066	9.2	18.7
4 21	12 4.44	+10 10.5	2.241	3.116	10.8	21.3	4 21	12 0.29	+ 0 2.3	1.130	2.058	14.6	19.0
5 1	11 59.60	+10 0.9	2.339	3.127	13.3	21.5	5 1	11 55.46	+ 0 10.2	1.186	2.049	19.2	19.2
<b>204518</b>	2005 <i>EM</i> <sub>25</sub>		3 26.8 82°61'	1°7'/25.1	17		<b>153149</b>	2000 <i>SE</i> <sub>250</sub>		3 26.8 208°09'	1°7'/24.9	18	
2 21	12 45.16	+ 0 2.5	2.052	2.888	12.5	20.1	2 21	12 46.78	+ 0 9.2	2.185	3.015	12.0	21.1
3 2	12 40.76	+ 0 43.5	1.977	2.891	9.2	19.9	3 2	12 41.95	+ 0 53.7	2.100	3.010	8.9	20.9
3 12	12 34.54	+ 1 32.9	1.926	2.893	5.6	19.7	3 12	12 35.28	+ 1 46.9	2.039	3.005	5.4	20.7
3 22	12 27.09	+ 2 25.8	1.903	2.896	2.1	19.5	3 22	12 27.37	+ 2 43.7	2.007	3.000	2.1	20.4
4 1	12 19.23	+ 3 16.4	1.909	2.899	3.3	19.5	4 1	12 18.98	+ 3 38.5	2.005	2.994	3.3	20.5
4 11	12 11.87	+ 3 58.9	1.942	2.901	7.0	19.8	4 11	12 11.01	+ 4 25.6	2.031	2.987	6.9	20.7
4 21	12 5.74	+ 4 29.2	2.001	2.904	10.5	20.0	4 21	12 4.22	+ 5 0.5	2.083	2.980	10.4	20.9
5 1	12 1.43	+ 4 44.6	2.083	2.907	13.6	20.2	5 1	11 59.20	+ 5 20.6	2.159	2.973	13.4	21.1
<b>508423</b>	2016 <i>JJ</i> <sub>31</sub>		3 26.8 281°73'	8°3'/17.8	17		<b>82664</b>	2001 <i>PX</i> <sub>17</sub>		3 26.8 149°58'	4°5'/21.0	17	
2 21	12 48.74	+18 42.2	1.929	2.775	12.7	21.1	2 21	12 45.18	+10 44.5	2.484	3.327	10.3	20.1
3 2	12 43.85	+20 4.7	1.848	2.751	10.4	20.9	3 2	12 40.47	+11 49.3	2.419	3.332	7.8	20.0
3 12	12 36.68	+21 22.6	1.791	2.727	8.7	20.7	3 12	12 34.22	+12 54.0	2.382	3.338	5.5	19.8
3 22	12 27.86	+22 26.6	1.761	2.703	8.5	20.7	3 22	12 26.98	+13 52.7	2.372	3.343	4.5	19.8
4 1	12 18.36	+23 8.4	1.756	2.678	10.2	20.7	4 1	12 19.44	+14 40.0	2.392	3.348	5.9	19.9
4 11	12 9.29	+23 22.7	1.776	2.653	12.8	20.8	4 11	12 12.35	+15 11.8	2.439	3.353	8.2	20.0
4 21	12 1.65	+23 8.3	1.818	2.628	15.6	21.0	4 21	12 6.33	+15 26.2	2.511	3.357	10.7	20.2
5 1	11 56.17	+22 26.9	1.878	2.603	18.2	21.1	5 1	12 1.86	+15 23.2	2.605	3.361	12.9	20.4
<b>229974</b>	1999 <i>UR</i> <sub>36</sub>		3 26.8 134°76'	1°0'/27.9	17		<b>91130</b>	1998 <i>HQ</i> <sub>142</sub>		3 26.8 196°89'	3°1'/23.5	18	
2 21	12 46.88	- 7 43.7	2.133	2.940	13.1	21.5	2 21	12 45.50	+ 3 17.1	2.012	2.855	12.4	19.4
3 2	12 42.00	- 7 25.9	2.054	2.948	10.0	21.3	3 2	12 41.10	+ 4 19.1	1.937	2.854	9.2	19.2
3 12	12 35.28	- 6 54.9	1.999	2.954	6.4	21.0	3 12	12 34.79	+ 5 28.1	1.886	2.853	5.7	19.0
3 22	12 27.33	- 6 13.4	1.971	2.961	2.6	20.8	3 22	12 27.21	+ 6 37.8	1.863	2.852	3.1	18.8
4 1	12 18.98	- 5 26.0	1.971	2.967	2.0	20.8	4 1	12 19.18	+ 7 41.2	1.869	2.850	4.7	18.9
4 11	12 11.11	- 4 38.3	2.001	2.973	5.7	21.0	4 11	12 11.64	+ 8 31.9	1.902	2.848	8.1	19.1
4 21	12 4.48	- 3 55.4	2.058	2.979	9.3	21.3	4 21	12 5.36	+ 9 5.9	1.961	2.846	11.5	19.3
5 1	11 59.68	- 3 21.6	2.138	2.984	12.4	21.5	5 1	12 0.94	+ 9 21.3	2.041	2.844	14.5	19.5
<b>410032</b>	2006 <i>XV</i> <sub>53</sub>		3 26.8 108°85'	0°9'/25.9	18		<b>157523</b>	2005 <i>SC</i> <sub>181</sub>		3 26.8 102°50'	2°5'/28.9	18	
2 21	12 50.64	- 1 58.6	2.017	2.838	13.2	22.0	2 21	12 49.17	-11 47.1	1.441	2.254	18.0	20.1
3 2	12 44.69	- 1 27.1	1.956	2.861	9.8	21.8	3 2	12 44.45	-11 23.6	1.375	2.268	14.0	19.9
3 12	12 36.84	- 0 46.4	1.920	2.883	5.9	21.6	3 12	12 37.11	-10 36.5	1.328	2.281	9.4	19.6
3 22	12 27.82	- 0 0.9	1.912	2.905	1.9	21.4	3 22	12 28.01	- 9 29.4	1.306	2.293	4.5	19.4
4 1	12 18.51	+ 0 43.7	1.933	2.926	2.7	21.4	4 1	12 18.37	- 8 9.4	1.310	2.306	3.0	19.3
4 11	12 9.89	+ 1 22.1	1.983	2.946	6.6	21.7	4 11	12 9.54	- 6 46.4	1.341	2.318	7.3	19.6
4 21	12 2.71	+ 1 50.2	2.060	2.966	10.1	22.0	4 21	12 2.59	- 5 30.1	1.397	2.329	11.9	19.9
5 1	11 57.50	+ 2 5.6	2.161	2.985	13.1	22.2	5 1	11 58.25	- 4 28.2	1.475	2.341	15.9	20.2
<b>312111</b>	2007 <i>TH</i> <sub>167</sub>		3 26.8 258°17'	2°1'/28.5	16		<b>1949</b>	Messina		3 26.8 233°66'	2°6'/29.3	18	
2 21	12 48.88	- 9 36.5	1.636	2.449	16.2	21.2	2 21	12 48.61	-12 11.8	2.027	2.816	14.3	17.9
3 2	12 44.29	- 9 31.8	1.542	2.437	12.7	20.9	3 2	12 43.65	-11 59.3	1.924	2.803	11.3	17.7
3 12	12 37.13	- 9 8.7	1.470	2.423	8.5	20.6	3 12	12 36.54	-11 28.7	1.844	2.788	7.8	17.4
3 22	12 28.06	- 8 28.8	1.422	2.410	4.0	20.3	3 22	12 27.85	-10 41.5	1.790	2.773	4.1	17.2
4 1	12 18.13	- 7 36.7	1.401	2.396	2.8	20.2	4 1	12 18.45	- 9 41.5	1.764	2.758	2.8	17.0
4 11	12 8.62	- 6 39.9	1.407	2.382	7.2	20.5	4 11	12 9.38	- 8 35.0	1.768	2.741	6.2	17.2
4 21	12 0.67	- 5 46.0	1.438	2.368	11.9	20.7	4 21	12 1.58	- 7 29.1	1.798	2.724	10.1	

EPHEMERIDES

3 26.8

3 26.9

2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$	2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$
<b>28013</b>	1997 YL <sub>4</sub>		3 26.8 121 <sup>o</sup> 04	2 <sup>o</sup> 1/24.7 18			<b>468216</b>	2015 BF <sub>85</sub>		3 26.8 191 <sup>o</sup> 81	0 <sup>o</sup> 8/25.9 17		
2 21	12 47.69	+ 0 41.7	1.921	2.757	13.2	18.8	2 21	12 45.86	- 3 15.7	2.111	2.936	12.6	22.2
3 2	12 42.70	+ 1 31.6	1.855	2.769	9.7	18.6	3 2	12 41.31	- 2 29.8	2.028	2.935	9.4	22.0
3 12	12 35.74	+ 2 30.0	1.813	2.779	5.9	18.4	3 12	12 34.92	- 1 32.2	1.969	2.933	5.7	21.8
3 22	12 27.51	+ 3 30.9	1.798	2.790	2.4	18.2	3 22	12 27.28	- 0 27.7	1.938	2.932	1.8	21.5
4 1	12 18.91	+ 4 27.7	1.812	2.800	3.8	18.3	4 1	12 19.18	+ 0 37.9	1.936	2.930	2.6	21.6
4 11	12 10.91	+ 5 14.3	1.854	2.810	7.6	18.5	4 11	12 11.52	+ 1 38.1	1.963	2.927	6.6	21.8
4 21	12 4.31	+ 5 46.3	1.922	2.820	11.1	18.8	4 21	12 5.07	+ 2 27.6	2.017	2.924	10.2	22.0
5 1	11 59.69	+ 6 1.8	2.012	2.829	14.2	19.0	5 1	12 0.42	+ 3 2.8	2.094	2.921	13.3	22.2
<b>124714</b>	2001 SA <sub>155</sub>		3 26.8 225 <sup>o</sup> 14	0 <sup>o</sup> 7/27.6 18			<b>149708</b>	2004 HB <sub>65</sub>		3 26.8 155 <sup>o</sup> 81	2 <sup>o</sup> 4/24.2 18		
2 21	12 46.35	- 7 50.7	2.199	3.005	12.8	21.1	2 21	12 48.73	+ 5 18.4	2.629	3.457	10.3	20.5
3 2	12 41.72	- 7 12.3	2.101	2.995	9.8	20.8	3 2	12 43.02	+ 5 38.9	2.553	3.462	7.6	20.3
3 12	12 35.21	- 6 18.9	2.027	2.983	6.3	20.6	3 12	12 35.76	+ 6 1.6	2.503	3.466	4.8	20.1
3 22	12 27.38	- 5 13.7	1.980	2.972	2.4	20.3	3 22	12 27.51	+ 6 22.9	2.483	3.470	2.5	20.0
4 1	12 19.00	- 4 1.9	1.964	2.959	2.0	20.3	4 1	12 18.96	+ 6 38.9	2.492	3.474	3.6	20.0
4 11	12 10.97	- 2 50.2	1.976	2.946	5.9	20.5	4 11	12 10.84	+ 6 46.4	2.532	3.478	6.4	20.2
4 21	12 4.08	- 1 44.8	2.016	2.933	9.7	20.7	4 21	12 3.78	+ 6 43.6	2.599	3.481	9.2	20.4
5 1	11 58.96	- 0 50.9	2.080	2.919	13.0	20.9	5 1	11 58.26	+ 6 29.5	2.690	3.485	11.6	20.6
<b>127620</b>	2003 BY <sub>54</sub>		3 26.8 39 <sup>o</sup> 96	1 <sup>o</sup> 8/25.5 18			<b>388135</b>	2005 VG <sub>129</sub>		3 26.8 292 <sup>o</sup> 54	2 <sup>o</sup> 7/23.9 17		
2 21	12 46.94	- 2 14.2	1.261	2.115	17.6	19.9	2 21	12 44.34	+ 3 50.2	2.282	3.122	11.2	21.0
3 2	12 43.08	- 1 23.3	1.197	2.119	13.1	19.6	3 2	12 40.10	+ 4 31.2	2.195	3.111	8.3	20.7
3 12	12 36.42	- 0 15.9	1.154	2.124	7.9	19.3	3 12	12 34.15	+ 5 17.5	2.134	3.100	5.2	20.5
3 22	12 27.81	+ 1 0.3	1.135	2.129	2.7	19.0	3 22	12 27.02	+ 6 4.2	2.100	3.089	2.7	20.3
4 1	12 18.58	+ 2 15.1	1.142	2.134	4.2	19.1	4 1	12 19.45	+ 6 46.0	2.095	3.078	4.1	20.4
4 11	12 10.18	+ 3 18.0	1.173	2.140	9.5	19.4	4 11	12 12.23	+ 7 17.9	2.118	3.067	7.3	20.6
4 21	12 3.77	+ 4 1.8	1.227	2.146	14.4	19.7	4 21	12 6.10	+ 7 36.5	2.167	3.056	10.5	20.8
5 1	12 0.11	+ 4 22.8	1.300	2.152	18.5	20.0	5 1	12 1.60	+ 7 40.2	2.239	3.046	13.3	20.9
<b>157389</b>	2004 TL <sub>202</sub>		3 26.8 215 <sup>o</sup> 04	0 <sup>o</sup> 6/26.2 18			<b>207354</b>	2005 JK <sub>114</sub>		3 26.9 283 <sup>o</sup> 83	1 <sup>o</sup> 8/25.2 17		
2 21	12 47.54	- 2 31.2	2.311	3.130	11.8	20.8	2 21	12 48.37	+ 2 7.3	2.142	2.974	12.1	20.4
3 2	12 42.46	- 2 5.6	2.219	3.123	8.9	20.6	3 2	12 43.26	+ 2 22.5	2.048	2.959	9.1	20.1
3 12	12 35.59	- 1 30.8	2.153	3.116	5.4	20.4	3 12	12 36.20	+ 2 43.2	1.979	2.944	5.6	19.9
3 22	12 27.49	- 0 50.3	2.115	3.108	1.7	20.1	3 22	12 27.73	+ 3 5.7	1.937	2.929	2.3	19.6
4 1	12 18.90	- 0 8.5	2.107	3.100	2.3	20.1	4 1	12 18.70	+ 3 25.2	1.925	2.914	3.4	19.7
4 11	12 10.69	+ 0 29.4	2.128	3.092	6.1	20.4	4 11	12 10.02	+ 3 37.4	1.941	2.899	7.1	19.9
4 21	12 3.60	+ 0 59.3	2.176	3.083	9.6	20.6	4 21	12 2.54	+ 3 39.1	1.983	2.884	10.7	20.1
5 1	11 58.21	+ 1 18.1	2.248	3.074	12.6	20.7	5 1	11 56.92	+ 3 28.3	2.048	2.869	13.9	20.2
<b>2673</b>	Lossignol		3 26.8 309 <sup>o</sup> 00	1 <sup>o</sup> 1/25.7 18			<b>173291</b>	1999 TT <sub>193</sub>		3 26.9 145 <sup>o</sup> 50	0 <sup>o</sup> 9/26.1 18		
2 21	12 43.62	- 1 24.8	2.160	2.993	12.0	17.3	2 21	12 51.15	- 1 35.1	1.801	2.629	14.3	20.6
3 2	12 39.69	- 0 54.1	2.067	2.979	9.0	17.1	3 2	12 45.49	- 1 15.3	1.727	2.635	10.7	20.4
3 12	12 33.95	+ 0 14.0	1.999	2.965	5.5	16.8	3 12	12 37.59	- 0 45.6	1.677	2.641	6.5	20.1
3 22	12 26.96	+ 0 31.5	1.958	2.952	1.8	16.5	3 22	12 28.18	- 0 10.3	1.654	2.647	2.1	19.9
4 1	12 19.46	+ 1 17.2	1.946	2.938	2.8	16.6	4 1	12 18.28	+ 0 25.0	1.659	2.653	2.9	19.9
4 11	12 12.29	+ 1 57.7	1.961	2.925	6.6	16.8	4 11	12 9.01	+ 0 54.5	1.692	2.658	7.3	20.2
4 21	12 6.24	+ 2 28.5	2.003	2.912	10.2	17.0	4 21	12 1.30	+ 1 13.7	1.752	2.662	11.3	20.4
5 1	12 1.89	+ 2 46.2	2.068	2.900	13.3	17.2	5 1	11 55.80	+ 1 19.8	1.834	2.666	14.7	20.7
<b>388808</b>	2008 BC <sub>28</sub>		3 26.8 13 <sup>o</sup> 99	1 <sup>o</sup> 4/25.4 17			<b>306645</b>	2000 SO <sub>64</sub>		3 26.9 132 <sup>o</sup> 03	1 <sup>o</sup> 5/25.4 18		
2 21	12 43.32	- 0 49.0	1.989	2.828	12.7	21.2	2 21	12 50.43	- 1 23.4	1.894	2.721	13.7	21.6
3 2	12 39.47	- 0 11.8	1.915	2.830	9.4	21.0	3 2	12 44.74	- 0 35.4	1.829	2.737	10.2	21.5
3 12	12 33.78	+ 0 34.6	1.866	2.833	5.7	20.8	3 12	12 37.01	+ 0 22.8	1.787	2.752	6.1	21.2
3 22	12 26.88	+ 1 25.4	1.843	2.836	2.0	20.5	3 22	12 27.96	+ 1 25.8	1.774	2.767	2.1	21.0
4 1	12 19.58	+ 2 14.8	1.848	2.840	3.1	20.6	4 1	12 18.55	+ 2 26.6	1.789	2.780	3.3	21.1
4 11	12 12.77	+ 2 56.9	1.881	2.844	6.9	20.9	4 11	12 9.81	+ 3 18.8	1.833	2.793	7.3	21.4
4 21	12 7.20	+ 3 27.4	1.940	2.849	10.5	21.1	4 21	12 2.56	+ 3 57.5	1.904	2.805	11.0	21.6
5 1	12 3.42	+ 3 43.4	2.021	2.854	13.6	21.3	5 1	11 57.39	+ 4 20.3	1.997	2.817	14.2	21.9
<b>362041</b>	2009 AR <sub>38</sub>		3 26.8 322 <sup>o</sup> 51	2 <sup>o</sup> 4/24.9 16			<b>313606</b>	2003 QB <sub>27</sub>		3 26.9 134 <sup>o</sup> 70	0 <sup>o</sup> 3/26.5 18		
2 21	12 45.60	- 0 44.9	1.341	2.196	16.6	21.0	2 21	12 48.17	- 5 45.1	1.961	2.778	13.7	21.9
3 2	12 42.08	+ 0 9.2	1.266	2.189	12.4	20.8	3 2	12 43.04	- 4 46.5	1.891	2.793	10.3	21.7
3 12	12 35.85	+ 1 18.5	1.213	2.183	7.6	20.5	3 12	12 35.96	- 3 33.5	1.845	2.807	6.3	21.5
3 22	12 27.67	+ 2 35.4	1.183	2.177	2.9	20.2	3 22	12 27.62	- 2 11.4	1.827	2.820	2.0	21.2
4 1	12 18.72	+ 3 49.9	1.180	2.171	4.7	20.2	4 1	12 18.92	- 0 47.2	1.838	2.833	2.4	21.3
4 11	12 10.43	+ 4 51.8	1.201	2.165	9.8	20.5	4 11	12 10.82	+ 0 31.2	1.879	2.845	6.6	21.5
4 21	12 3.96	+ 5 33.9	1.246	2.160	14.6	20.8	4 21	12 4.11	+ 1 37.7	1.946	2.856	10.4	21.8
5 1	12 0.14	+ 5 52.5	1.309	2.155	18.7	21.0	5 1	11 59.37	+ 2 28.1	2.037	2.866	13.6	22.0
<b>186690</b>	2004 BB <sub>12</sub>		3 26.8 314 <sup>o</sup> 97	0 <sup>o</sup> 3/27.1 17			<b>433817</b>	2015 BT <sub>162</sub>		3 26.9 265 <sup>o</sup> 58	4 <sup>o</sup> 2/22.7 17		
2 21	12 45.65	- 5 5.8	1.426	2.268	16.6	19.8	2 21	12 46.30	+ 6 28.7	1.885	2.735	12.8	20.7
3 2	12 42.17	- 4 51.6	1.337	2.250	12.7	19.5	3 2	12 41.84	+ 7 28.1	1.812	2.731	9.6	20.5
3 12	12 35.98	- 4 20.7	1.268	2.233	8.1	19.2	3 12	12 35.34	+ 8 32.0	1.763	2.728	6.2	20.3
3 22	12 27.75	- 3 36.6	1.223	2.216	2.8	18.9	3 22	12 27.45	+ 9 33.2	1.741	2.724	4.2	20.2
4 1	12 18.59	- 2 45.8	1.204	2.200	2.8	18.8	4 1	12 19.07	+ 10 24.5	1.746	2.721	5.8	20.2
4 11	12 9.88	- 1 56.6	1.210	2.184	8.3	19.1	4 11	12 11.22	+ 11 0.0	1.779	2.717	9.2	20.4
4 21	12 2.85	- 1 16.9	1.239	2.169	13.4	19.3	4 21	12 4.74	+ 11 16.3	1.836	2.714	12.6	20.6
5 1	11 58.42	- 0 52.6	1.289	2.154	17.8	19.5	5 1	12 0.26	+ 11 12.6	1.913	2.710	15.6	20.8
<b>522382</b>	2016 CF <sub>304</sub>		3 26.8 240 <sup>o</sup> 04	4 <sup>o</sup> 4/22.9 17			<b>419845</b>	2011 AO		3 26.9 84 <sup>o</sup> 03	5 <sup>o</sup> 1/21.9 18		
2 21	12 50.69	+ 8 8.7	1.923	2.765	12.9	21.6	2 21	12 47.33	+ 8 3.7	1.729	2.582	13.6	20.6
3 2	12 45.14	+ 8 49.4	1.841	2.755	9.7	21.4	3 2	12 42.62	+ 9 15.9	1.673	2.593	10.1	20.4
3 12	12 37.40	+ 9 32.2	1.784	2.746	6.4	21.1	3 12	12 35.78	+ 10 30.4	1.641	2.604	6.8	20.3
3 22	12 28.12	+ 10 10.8	1.753	2.736	4.4	21.0	3 22	12 27.57	+ 11 39.1	1.636	2.616	5.1	20.2
4 1	12 18.27	+ 10 38.7	1.752	2.725	5.9	21.1	4 1	12 19.00	+ 12 33.8	1.658	2.627	6.8	20.3
4 11	12 8.92	+ 10 50.9	1.777	2.714	9.3	21.2	4 11	12 11.13	+ 13 8.8	1.707			

## EPHEMERIDES

3 26.9

3 26.9

2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$	2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$
<b>200570</b>	2001 <i>PP</i> <sub>19</sub>		3 26.9 151°51'		0°6'/27.3 18		<b>214772</b>	UNICEF		3 26.9 125°11'		3°3'/30.8 17	
2 21	12 53.03	- 5 17.5	1.625	2.446	15.9	20.6	2 21	12 44.35	-15 33.2	2.444	3.214	12.7	21.2
3 2	12 47.17	- 5 10.4	1.551	2.452	12.1	20.3	3 2	12 40.02	-15 27.9	2.357	3.219	10.2	21.1
3 12	12 38.77	- 4 49.4	1.498	2.458	7.6	20.1	3 12	12 34.07	-15 6.2	2.293	3.223	7.3	20.9
3 22	12 28.61	- 4 17.8	1.472	2.464	2.7	19.8	3 22	12 27.02	-14 29.2	2.254	3.228	4.5	20.7
4 1	12 17.86	- 3 40.9	1.473	2.469	2.5	19.8	4 1	12 19.58	-13 40.1	2.245	3.232	3.3	20.6
4 11	12 7.80	- 3 5.3	1.502	2.473	7.3	20.1	4 11	12 12.52	-12 43.5	2.264	3.236	5.1	20.8
4 21	11 59.50	- 2 37.0	1.557	2.477	11.8	20.3	4 21	12 6.52	-11 45.1	2.311	3.240	8.0	20.9
5 1	11 53.69	- 2 20.3	1.634	2.480	15.6	20.6	5 1	12 2.12	-10 50.1	2.383	3.244	10.8	21.1
<b>432431</b>	2010 <i>BW</i> <sub>56</sub>		3 26.9 291°19'		4°0'/22.1 17		<b>208003</b>	1998 <i>OJ</i> <sub>11</sub>		3 26.9 194°91'		1°8'/25.1 18	
2 21	12 42.72	+ 5 27.8	2.078	2.928	11.8	21.0	2 21	12 49.37	- 1 36.8	1.796	2.627	14.2	21.3
3 2	12 39.05	+ 6 48.8	1.999	2.920	8.7	20.8	3 2	12 44.28	- 0 35.2	1.714	2.625	10.6	21.0
3 12	12 33.57	+ 8 16.0	1.946	2.912	5.6	20.6	3 12	12 36.93	+ 0 39.5	1.656	2.622	6.4	20.8
3 22	12 26.86	+ 9 42.4	1.921	2.904	4.0	20.5	3 22	12 28.02	+ 2 1.1	1.626	2.619	2.3	20.5
4 1	12 19.70	+11 0.2	1.924	2.896	5.6	20.6	4 1	12 18.52	+ 3 21.4	1.624	2.614	3.7	20.6
4 11	12 12.94	+12 2.6	1.955	2.888	8.8	20.8	4 11	12 9.54	+ 4 32.2	1.650	2.609	8.1	20.8
4 21	12 7.34	+12 45.7	2.010	2.881	12.0	20.9	4 21	12 2.05	+ 5 27.1	1.703	2.603	12.2	21.1
5 1	12 3.49	+13 7.5	2.086	2.873	14.8	21.1	5 1	11 56.74	+ 6 2.7	1.777	2.596	15.7	21.3
<b>29536</b>	1998 <i>BC</i> <sub>12</sub>		3 26.9 86°08'		5°2'/20.6 18		<b>106278</b>	2000 <i>UZ</i> <sub>71</sub>		3 26.9 190°91'		0°2'/27.2 18	
2 21	12 44.49	+11 11.9	2.175	3.025	11.3	17.6	2 21	12 44.70	- 5 8.9	2.831	3.638	10.2	20.1
3 2	12 40.20	+12 25.3	2.112	3.028	8.6	17.4	3 2	12 40.03	- 4 48.7	2.741	3.637	7.7	19.9
3 12	12 34.18	+13 38.6	2.075	3.031	6.2	17.3	3 12	12 33.97	- 4 19.6	2.677	3.635	4.8	19.8
3 22	12 27.04	+14 44.8	2.065	3.034	5.3	17.2	3 22	12 26.97	- 3 44.3	2.641	3.633	1.7	19.5
4 1	12 19.55	+15 37.4	2.083	3.038	6.7	17.3	4 1	12 19.64	- 3 6.1	2.635	3.631	1.6	19.5
4 11	12 12.56	+16 11.8	2.128	3.041	9.3	17.5	4 11	12 12.62	- 2 28.9	2.660	3.628	4.7	19.7
4 21	12 6.76	+16 25.8	2.197	3.044	12.0	17.7	4 21	12 6.48	- 1 56.5	2.713	3.625	7.7	19.9
5 1	12 2.68	+16 19.6	2.287	3.047	14.4	17.8	5 1	12 1.69	- 1 31.6	2.791	3.622	10.3	20.1
<b>84595</b>	2002 <i>VP</i> <sub>30</sub>		3 26.9 86°00'		0°7'/26.0 18		<b>126856</b>	2002 <i>EL</i> <sub>75</sub>		3 26.9 92°69'		1°1'/27.8 18	
2 21	12 46.16	- 2 23.0	2.232	3.055	12.0	20.2	2 21	12 47.72	- 7 13.3	1.894	2.709	14.2	20.5
3 2	12 41.29	- 1 50.8	2.168	3.074	8.9	20.0	3 2	12 42.87	- 7 1.9	1.820	2.717	10.9	20.3
3 12	12 34.77	- 1 9.9	2.129	3.093	5.4	19.8	3 12	12 35.95	- 6 36.6	1.768	2.725	7.0	20.0
3 22	12 27.21	- 0 24.2	2.118	3.111	1.7	19.6	3 22	12 27.67	- 6 0.2	1.743	2.733	2.8	19.8
4 1	12 19.39	+ 0 21.1	2.136	3.129	2.4	19.7	4 1	12 18.93	- 5 17.7	1.745	2.741	2.1	19.7
4 11	12 12.10	+ 1 1.2	2.183	3.147	6.0	20.0	4 11	12 10.76	- 4 34.8	1.776	2.749	6.2	20.0
4 21	12 6.01	+ 1 32.2	2.257	3.165	9.2	20.2	4 21	12 3.99	- 3 57.3	1.834	2.757	10.1	20.3
5 1	12 1.61	+ 1 51.4	2.355	3.183	12.0	20.4	5 1	11 59.26	- 3 29.6	1.914	2.765	13.5	20.5
<b>199208</b>	2006 <i>AX</i> <sub>20</sub>		3 26.9 135°68'		0°1'/26.8 18		<b>41980</b>	2000 <i>YG</i> <sub>18</sub>		3 26.9 154°66'		0°2'/26.6 18	
2 21	12 52.71	- 4 15.4	1.701	2.522	15.3	21.5	2 21	12 47.68	- 5 49.1	1.857	2.677	14.2	19.4
3 2	12 46.73	- 3 54.2	1.631	2.535	11.5	21.3	3 2	12 42.87	- 4 57.3	1.781	2.684	10.7	19.2
3 12	12 38.38	- 3 20.0	1.585	2.547	7.1	21.1	3 12	12 35.98	- 3 50.1	1.728	2.690	6.6	18.9
3 22	12 28.46	- 2 37.0	1.565	2.558	2.3	20.8	3 22	12 27.68	- 2 32.5	1.703	2.696	2.1	18.7
4 1	12 18.07	- 1 51.1	1.573	2.568	2.6	20.8	4 1	12 18.93	- 1 11.8	1.706	2.701	2.5	18.7
4 11	12 8.40	- 1 9.2	1.610	2.578	7.2	21.1	4 11	12 10.74	+ 0 4.1	1.738	2.705	6.9	19.0
4 21	12 0.43	- 0 36.8	1.672	2.588	11.4	21.4	4 21	12 3.98	+ 1 8.5	1.796	2.709	10.9	19.2
5 1	11 54.82	- 0 17.6	1.757	2.596	15.0	21.6	5 1	11 59.28	+ 1 56.7	1.877	2.713	14.3	19.4
<b>31075</b>	1996 <i>XV</i>		3 26.9 46°54'		0°5'/26.3 18		<b>341451</b>	2007 <i>TB</i> <sub>271</sub>		3 26.9 143°41'		0°5'/27.4 17	
2 21	12 44.71	- 3 9.2	2.068	2.896	12.7	19.0	2 21	12 45.60	- 6 15.7	2.447	3.255	11.6	22.1
3 2	12 40.43	- 2 41.3	1.994	2.902	9.5	18.8	3 2	12 40.87	- 5 53.7	2.366	3.261	8.8	21.9
3 12	12 34.36	- 2 3.1	1.945	2.910	5.8	18.6	3 12	12 34.55	- 5 20.8	2.310	3.268	5.5	21.7
3 22	12 27.11	- 1 18.5	1.923	2.917	1.8	18.4	3 22	12 27.19	- 4 39.9	2.282	3.273	2.0	21.5
4 1	12 19.48	- 0 32.9	1.930	2.924	2.4	18.4	4 1	12 19.47	- 3 55.2	2.283	3.279	1.7	21.5
4 11	12 12.35	+ 0 8.3	1.964	2.932	6.2	18.7	4 11	12 12.17	- 3 11.3	2.314	3.284	5.2	21.7
4 21	12 6.44	+ 0 40.5	2.025	2.939	9.8	18.9	4 21	12 5.92	- 2 32.7	2.372	3.289	8.5	21.9
5 1	12 2.32	+ 1 0.7	2.109	2.947	12.9	19.1	5 1	12 1.24	- 2 2.9	2.455	3.294	11.3	22.1
<b>370465</b>	2003 <i>BG</i> <sub>75</sub>		3 26.9 22°21'		1°0'/27.5 18		<b>502998</b>	2015 <i>FB</i> <sub>96</sub>		3 26.9 93°84'		3°6'/30.3 17	
2 21	12 52.30	- 4 17.4	1.540	2.368	16.3	20.0	2 21	12 48.39	-14 0.0	2.141	2.919	14.0	21.2
3 2	12 46.77	- 4 43.0	1.466	2.371	12.4	19.7	3 2	12 43.23	-14 18.1	2.061	2.929	11.2	21.0
3 12	12 38.60	- 4 57.3	1.414	2.375	7.9	19.5	3 12	12 36.14	-14 19.9	2.004	2.938	8.0	20.8
3 22	12 28.59	- 5 2.3	1.387	2.378	3.0	19.2	3 22	12 27.74	-14 6.3	1.972	2.947	4.9	20.6
4 1	12 17.91	- 5 1.5	1.387	2.383	2.5	19.2	4 1	12 18.89	-13 39.6	1.969	2.956	3.6	20.6
4 11	12 7.92	- 4 59.6	1.414	2.388	7.4	19.5	4 11	12 10.52	-13 4.4	1.994	2.966	5.8	20.7
4 21	11 59.75	- 5 1.3	1.466	2.393	11.9	19.7	4 21	12 3.43	-12 26.2	2.046	2.975	9.0	20.9
5 1	11 54.16	- 5 10.3	1.540	2.398	15.8	20.0	5 1	11 58.24	-11 50.5	2.123	2.983	12.0	21.1
<b>401578</b>	2013 <i>FY</i> <sub>25</sub>		3 26.9 97°60'		7°7'/20.6 18		<b>500918</b>	2013 <i>PH</i> <sub>13</sub>		3 26.9 222°75'		1°5'/25.2 17	
2 21	12 51.38	+13 12.2	1.460	2.317	15.4	20.8	2 21	12 45.59	- 2 30.2	2.157	2.983	12.3	23.1
3 2	12 45.99	+14 33.1	1.411	2.328	11.9	20.6	3 2	12 41.17	- 1 20.7	2.065	2.974	9.2	22.9
3 12	12 38.00	+15 50.8	1.384	2.339	8.8	20.4	3 12	12 34.91	+ 0 1.5	1.998	2.963	5.5	22.6
3 22	12 28.33	+16 54.8	1.383	2.349	7.7	20.4	3 22	12 27.36	+ 1 31.1	1.960	2.953	2.0	22.3
4 1	12 18.26	+17 35.9	1.407	2.360	9.5	20.5	4 1	12 19.29	+ 3 0.9	1.951	2.941	3.2	22.4
4 11	12 9.12	+17 49.0	1.456	2.370	12.7	20.7	4 11	12 11.59	+ 4 23.3	1.972	2.929	7.0	22.6
4 21	12 1.96	+17 33.9	1.526	2.380	16.0	21.0	4 21	12 5.03	+ 5 32.4	2.019	2.917	10.7	22.8
5 1	11 57.40	+16 53.3	1.615	2.390	18.9	21.2	5 1	12 0.23	+ 6 24.1	2.090	2.904	13.9	23.0
<b>354839</b>	2005 <i>YD</i> <sub>28</sub>		3 26.9 226°11'		2°8'/30.4 17		<b>427736</b>	2004 <i>RL</i> <sub>41</sub>		3 26.9 128°37'		1°8'/28.7 15	
2 21	12 44.03	-14 7.0	2.840	3.609	11.1	21.4							

EPHEMERIDES

3 26.9

3 26.9

2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$	2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$
<b>149425</b>	2003 <i>BF</i> <sub>27</sub>		3 26.9 105°60	0°8/26.0	18		<b>312040</b>	2007 <i>RC</i> <sub>185</sub>		3 26.9 213°55	2°4/29.2	17	
2 21	12 48.33	− 3 44.9	2.066	2.885	13.0	20.2	2 21	12 49.80	−11 58.1	2.077	2.864	14.1	22.5
3 2	12 42.98	− 2 49.8	2.006	2.911	9.6	20.1	3 2	12 44.50	−11 43.8	1.978	2.855	11.1	22.3
3 12	12 35.85	− 1 43.5	1.972	2.935	5.8	19.9	3 12	12 37.08	−11 11.9	1.902	2.846	7.6	22.0
3 22	12 27.61	− 0 31.3	1.966	2.959	1.8	19.6	3 22	12 28.13	−10 24.2	1.852	2.836	3.9	21.8
4 1	12 19.13	+ 0 40.2	1.989	2.982	2.6	19.7	4 1	12 18.54	− 9 24.4	1.831	2.825	2.7	21.7
4 11	12 11.28	+ 1 44.7	2.042	3.005	6.4	20.0	4 11	12 9.31	− 8 19.0	1.840	2.813	6.0	21.8
4 21	12 4.79	+ 2 37.1	2.121	3.027	9.9	20.3	4 21	12 1.36	− 7 14.8	1.876	2.800	9.9	22.0
5 1	12 0.15	+ 3 14.4	2.225	3.048	12.8	20.5	5 1	11 55.40	− 6 18.0	1.936	2.786	13.4	22.2
<b>420540</b>	2012 <i>GF</i> <sub>16</sub>		3 26.9 9°27	0°4/27.1	18		<b>282630</b>	2005 <i>RL</i> <sub>50</sub>		3 26.9 218°47	1°3/28.6	18	
2 21	12 52.17	− 2 19.7	1.339	2.181	17.5	20.0	2 21	12 42.80	−10 12.2	2.702	3.495	11.0	20.8
3 2	12 47.02	− 2 50.6	1.269	2.182	13.3	19.8	3 2	12 38.75	− 9 38.1	2.605	3.489	8.5	20.6
3 12	12 38.93	− 3 11.5	1.219	2.184	8.4	19.5	3 12	12 33.27	− 8 50.7	2.533	3.483	5.6	20.4
3 22	12 28.77	− 3 24.8	1.194	2.187	2.9	19.2	3 22	12 26.80	− 7 52.4	2.489	3.477	2.6	20.2
4 1	12 17.86	− 3 34.0	1.195	2.191	2.8	19.2	4 1	12 19.97	− 6 47.2	2.475	3.471	1.7	20.1
4 11	12 7.73	− 3 44.0	1.221	2.195	8.2	19.5	4 11	12 13.43	− 5 40.3	2.491	3.464	4.7	20.3
4 21	11 59.65	− 3 58.9	1.271	2.201	13.1	19.8	4 21	12 7.79	− 4 36.6	2.535	3.457	7.8	20.5
5 1	11 54.44	− 4 22.1	1.342	2.207	17.3	20.1	5 1	12 3.52	− 3 40.6	2.605	3.450	10.5	20.6
<b>4476</b>	Bernstein		3 26.9 81°73	2°4/24.9	18		<b>162670</b>	2000 <i>SQ</i> <sub>280</sub>		3 26.9 154°11	1°7/28.5	18	
2 21	12 50.29	+ 0 15.7	1.498	2.341	15.8	17.6	2 21	12 50.15	− 9 38.1	1.854	2.657	15.0	20.3
3 2	12 45.01	+ 1 7.0	1.446	2.363	11.7	17.4	3 2	12 44.79	− 9 22.7	1.775	2.664	11.6	20.1
3 12	12 37.33	+ 2 8.5	1.417	2.384	7.0	17.2	3 12	12 37.22	− 8 50.5	1.719	2.671	7.6	19.9
3 22	12 28.13	+ 3 12.7	1.413	2.406	2.8	17.0	3 22	12 28.15	− 8 4.2	1.689	2.677	3.5	19.6
4 1	12 18.61	+ 4 11.4	1.437	2.427	4.3	17.1	4 1	12 18.57	− 7 8.7	1.687	2.683	2.4	19.5
4 11	12 9.99	+ 4 57.0	1.488	2.447	8.7	17.4	4 11	12 9.56	− 6 10.9	1.714	2.687	6.4	19.8
4 21	12 3.22	+ 5 25.2	1.563	2.468	12.8	17.7	4 21	12 2.05	− 5 17.5	1.767	2.692	10.4	20.0
5 1	11 58.88	+ 5 34.1	1.658	2.488	16.2	18.0	5 1	11 56.70	− 4 34.0	1.844	2.695	13.9	20.3
<b>140439</b>	2001 <i>TY</i> <sub>109</sub>		3 26.9 63°14	1°8/28.5	18		<b>412059</b>	2013 <i>EF</i> <sub>38</sub>		3 26.9 319°45	4°2/23.6	17	
2 21	12 47.57	− 9 21.0	1.641	2.457	16.0	19.5	2 21	12 43.16	+ 2 1.1	1.179	2.050	17.3	20.0
3 2	12 42.99	− 9 9.8	1.575	2.471	12.3	19.3	3 2	12 40.78	+ 3 7.1	1.096	2.028	13.0	19.7
3 12	12 36.13	− 8 40.8	1.530	2.485	8.1	19.1	3 12	12 35.41	+ 4 29.0	1.033	2.006	8.1	19.4
3 22	12 27.76	− 7 57.2	1.511	2.500	3.6	18.8	3 22	12 27.72	+ 5 57.6	0.993	1.984	4.3	19.1
4 1	12 18.95	− 7 4.4	1.518	2.514	2.5	18.8	4 1	12 18.95	+ 7 20.5	0.977	1.964	6.7	19.1
4 11	12 10.84	− 6 9.9	1.553	2.529	6.6	19.1	4 11	12 10.67	+ 8 25.1	0.985	1.944	12.0	19.3
4 21	12 4.35	− 5 20.7	1.613	2.543	10.8	19.3	4 21	12 4.31	+ 9 2.8	1.012	1.925	17.3	19.6
5 1	12 0.12	− 4 42.3	1.696	2.558	14.4	19.6	5 1	12 0.89	+ 9 10.0	1.057	1.908	21.9	19.8
<b>236121</b>	2005 <i>SZ</i> <sub>143</sub>		3 26.9 82°79	2°0/25.2	18		<b>68412</b>	2001 <i>QL</i> <sub>188</sub>		3 26.9 112°86	1°5/25.3	18	
2 21	12 48.79	− 1 58.5	1.317	2.166	17.3	21.1	2 21	12 47.53	− 1 39.7	1.935	2.765	13.3	20.3
3 2	12 44.28	− 0 56.7	1.261	2.180	12.8	20.8	3 2	12 42.59	− 0 44.4	1.871	2.781	9.8	20.1
3 12	12 37.07	+ 0 20.3	1.225	2.194	7.7	20.6	3 12	12 35.72	+ 0 21.5	1.831	2.797	5.9	19.9
3 22	12 28.09	+ 1 44.3	1.215	2.208	2.7	20.3	3 22	12 27.62	+ 1 32.0	1.819	2.812	2.1	19.7
4 1	12 18.63	+ 3 4.7	1.231	2.222	4.3	20.5	4 1	12 19.19	+ 2 40.3	1.836	2.827	3.2	19.8
4 11	12 10.09	+ 4 11.6	1.272	2.236	9.3	20.8	4 11	12 11.37	+ 3 39.7	1.881	2.841	7.1	20.1
4 21	12 3.54	+ 4 58.3	1.337	2.250	13.9	21.1	4 21	12 4.95	+ 4 25.2	1.952	2.855	10.7	20.3
5 1	11 59.65	+ 5 21.9	1.421	2.263	17.8	21.4	5 1	12 0.47	+ 4 54.1	2.046	2.868	13.8	20.5
<b>211908</b>	2004 <i>NK</i> <sub>33</sub>		3 26.9 237°39	2°9/23.4	17		<b>5447</b>	Lallement		3 26.9 74°41	2°1/28.9	18	
2 21	12 45.91	+ 6 21.9	2.595	3.431	10.2	20.4	2 21	12 48.17	− 9 38.7	2.097	2.896	13.6	17.2
3 2	12 41.06	+ 6 56.2	2.512	3.424	7.6	20.2	3 2	12 43.07	− 9 48.5	2.019	2.904	10.6	17.0
3 12	12 34.68	+ 7 32.9	2.454	3.418	4.8	20.0	3 12	12 36.06	− 9 44.7	1.964	2.913	7.1	16.8
3 22	12 27.26	+ 8 7.7	2.426	3.411	3.0	19.9	3 22	12 27.76	− 9 29.0	1.936	2.922	3.5	16.6
4 1	12 19.47	+ 8 36.2	2.426	3.404	4.2	20.0	4 1	12 19.02	− 9 4.4	1.937	2.931	2.5	16.5
4 11	12 12.04	+ 8 54.6	2.456	3.397	6.9	20.1	4 11	12 10.78	− 8 35.6	1.966	2.940	5.7	16.8
4 21	12 5.60	+ 9 0.6	2.512	3.389	9.6	20.3	4 21	12 3.84	− 8 7.5	2.022	2.949	9.1	17.0
5 1	12 0.65	+ 8 53.1	2.592	3.382	12.1	20.4	5 1	11 58.77	− 7 44.6	2.102	2.957	12.3	17.2
<b>255622</b>	2006 <i>PR</i> <sub>25</sub>		3 26.9 250°50	0°4/26.5	17		<b>479711</b>	2014 <i>DB</i> <sub>125</sub>		3 26.9 269°59	5°8/1.3	18	
2 21	12 48.71	− 4 14.8	1.925	2.746	13.8	22.0	2 21	12 50.63	−20 12.3	2.420	3.153	13.8	21.3
3 2	12 43.86	− 3 40.7	1.823	2.727	10.4	21.7	3 2	12 44.98	−21 6.8	2.322	3.149	11.6	21.1
3 12	12 36.78	− 2 52.8	1.746	2.708	6.5	21.5	3 12	12 37.33	−21 45.2	2.245	3.145	9.1	21.0
3 22	12 28.06	− 1 54.9	1.695	2.688	2.1	21.1	3 22	12 28.23	−22 5.8	2.195	3.140	6.9	20.8
4 1	12 18.58	− 0 52.9	1.673	2.667	2.6	21.1	4 1	12 18.47	−22 8.3	2.172	3.136	5.8	20.7
4 11	12 9.42	+ 0 6.0	1.679	2.646	7.2	21.4	4 11	12 8.99	−21 55.2	2.178	3.132	6.8	20.8
4 21	12 1.55	+ 0 55.5	1.712	2.624	11.4	21.6	4 21	12 0.64	−21 30.8	2.211	3.127	9.0	20.9
5 1	11 55.75	+ 1 30.7	1.767	2.601	15.1	21.8	5 1	11 54.12	−21 0.9	2.269	3.123	11.5	21.1
<b>385146</b>	2013 <i>TV</i> <sub>24</sub>		3 26.9 109°52	1°5/28.6	17		<b>150579</b>	2000 <i>UJ</i> <sub>21</sub>		3 26.9 195°68	0°9/25.6	17	
2 21	12 46.08	−10 4.4	2.156	2.955	13.2	21.7	2 21	12 43.81	− 1 24.7	2.991	3.809	9.4	21.4
3 2	12 41.40	− 9 39.4	2.081	2.968	10.2	21.5	3 2	12 39.33	− 0 46.6	2.902	3.806	7.0	21.2
3 12	12 34.96	− 8 59.2	2.030	2.982	6.7	21.3	3 12	12 33.54	− 0 1.6	2.839	3.803	4.2	21.0
3 22	12 27.35	− 8 6.7	2.007	2.994	3.1	21.1	3 22	12 26.89	+ 0 47.1	2.806	3.799	1.4	20.8
4 1	12 19.40	− 7 6.9	2.012	3.007	2.1	21.1	4 1	12 19.93	+ 1 35.5	2.803	3.795	2.2	20.9
4 11	12 11.96	− 6 5.6	2.045	3.019	5.5	21.3	4 11	12 13.26	+ 2 19.5	2.831	3.790	5.1	21.1
4 21	12 5.75	− 5 8.7	2.107	3.031	9.0	21.5	4 21	12 7.41	+ 2 56.0	2.887	3.786	7.8	21.2
5 1	12 1.30	− 4 21.0	2.192	3.043	12.0	21.7	5 1	12 2.81	+ 3 22.4	2.967	3.780	10.2	21.4
<b>458219</b>	2010 <i>RS</i> <sub>128</sub>		3 26.9 186°54	2°6/29.3	16		<b>388388</b>						

EPHEMERIDES

3 26.9

3 26.9

2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$	2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$
<b>413638</b>	2005 <i>UH<sub>439</sub></i>		3 26.9 105°25		3°4/30.2 18								
2 21	12 51.85	-13 51.4	2.128	2.901	14.3	21.2							
3 2	12 45.71	-14 4.5	2.059	2.924	11.3	21.0							
3 12	12 37.61	-14 1.0	2.012	2.946	8.0	20.8							
3 22	12 28.26	-13 42.1	1.992	2.968	4.7	20.7							
4 1	12 18.55	-13 10.5	2.001	2.989	3.5	20.6							
4 11	12 9.46	-12 31.3	2.039	3.010	5.8	20.8							
4 21	12 1.78	-11 50.1	2.105	3.030	8.9	21.0							
5 1	11 56.08	-11 12.3	2.196	3.050	11.9	21.2							
<b>11045</b>	1990 <i>HH<sub>1</sub></i>		3 26.9 287°93		3°0/23.6 18								
2 21	12 43.25	+ 0 39.8	1.800	2.647	13.4	17.9							
3 2	12 39.84	+ 2 5.2	1.708	2.629	10.0	17.6							
3 12	12 34.31	+ 3 44.2	1.641	2.610	6.1	17.3							
3 22	12 27.25	+ 5 29.5	1.601	2.591	3.1	17.1							
4 1	12 19.52	+ 7 11.4	1.589	2.573	5.0	17.2							
4 11	12 12.17	+ 8 40.6	1.605	2.554	9.1	17.4							
4 21	12 6.10	+ 9 49.8	1.645	2.536	13.1	17.6							
5 1	12 2.05	+10 35.3	1.706	2.517	16.6	17.8							
<b>376298</b>	2011 <i>FH<sub>132</sub></i>		3 26.9 35°03		8°7/31.9 17								
2 21	12 59.44	-20 18.8	1.709	2.452	18.3	19.7							
3 2	12 52.41	-22 12.9	1.629	2.459	15.5	19.5							
3 12	12 42.34	-23 48.1	1.570	2.467	12.5	19.3							
3 22	12 30.00	-24 58.9	1.536	2.475	9.8	19.1							
4 1	12 16.63	-25 41.5	1.529	2.484	8.7	19.1							
4 11	12 3.78	-25 57.6	1.549	2.493	9.8	19.2							
4 21	11 52.81	-25 52.7	1.594	2.502	12.3	19.3							
5 1	11 44.71	-25 35.5	1.661	2.512	15.2	19.5							
<b>247449</b>	2002 <i>GF<sub>36</sub></i>		3 26.9 245°41		0°3/26.6 16								
2 21	12 48.49	- 4 43.6	1.831	2.654	14.3	21.7							
3 2	12 43.78	- 4 7.7	1.735	2.639	10.8	21.5							
3 12	12 36.77	- 3 16.9	1.661	2.624	6.8	21.2							
3 22	12 28.09	- 2 15.3	1.614	2.608	2.2	20.9							
4 1	12 18.66	- 1 9.2	1.596	2.591	2.6	20.9							
4 11	12 9.60	- 0 6.2	1.605	2.574	7.3	21.1							
4 21	12 1.92	+ 0 46.8	1.641	2.556	11.7	21.3							
5 1	11 56.39	+ 1 24.9	1.699	2.537	15.5	21.5							
<b>459992</b>	2014 <i>ON<sub>41</sub></i>		3 26.9 99°46		3°7/23.6 18								
2 21	12 51.13	+ 4 18.2	1.682	2.526	14.4	21.7							
3 2	12 45.42	+ 5 19.9	1.631	2.548	10.6	21.5							
3 12	12 37.50	+ 6 27.0	1.604	2.570	6.6	21.3							
3 22	12 28.22	+ 7 31.6	1.604	2.592	3.8	21.1							
4 1	12 18.66	+ 8 26.2	1.632	2.613	5.4	21.3							
4 11	12 9.94	+ 9 4.4	1.688	2.633	9.0	21.5							
4 21	12 2.92	+ 9 23.5	1.767	2.653	12.6	21.8							
5 1	11 58.16	+ 9 22.9	1.868	2.672	15.6	22.0							
<b>315768</b>	2008 <i>FM<sub>75</sub></i>		3 26.9 10°88		1°7/28.2 17								
2 21	12 45.38	- 8 27.9	1.400	2.233	17.3	20.5							
3 2	12 41.83	- 8 19.3	1.328	2.234	13.4	20.2							
3 12	12 35.69	- 7 51.1	1.277	2.236	8.7	20.0							
3 22	12 27.73	- 7 6.6	1.249	2.239	3.8	19.7							
4 1	12 19.11	- 6 11.9	1.246	2.243	2.7	19.6							
4 11	12 11.17	- 5 15.6	1.269	2.247	7.5	19.9							
4 21	12 5.00	- 4 26.0	1.316	2.252	12.2	20.2							
5 1	12 1.36	- 3 49.4	1.384	2.257	16.3	20.5							
<b>430021</b>	2013 <i>RH<sub>28</sub></i>		3 26.9 55°26		0°2/26.7 17								
2 21	12 43.70	- 6 14.4	1.763	2.592	14.5	20.9							
3 2	12 39.97	- 5 17.2	1.695	2.602	10.9	20.7							
3 12	12 34.24	- 4 3.8	1.649	2.613	6.7	20.5							
3 22	12 27.18	- 2 39.9	1.631	2.624	2.2	20.2							
4 1	12 19.71	- 1 13.1	1.640	2.635	2.5	20.2							
4 11	12 12.85	+ 0 8.0	1.677	2.646	6.9	20.5							
4 21	12 7.39	+ 1 16.5	1.739	2.658	10.9	20.8							
5 1	12 3.92	+ 2 7.6	1.824	2.669	14.3	21.0							
<b>375792</b>	2009 <i>SN<sub>339</sub></i>		3 26.9 82°39		4°2/22.9 18								
2 21	12 49.67	+ 7 39.9	1.903	2.747	12.9	21.2							
3 2	12 44.12	+ 8 29.2	1.852	2.768	9.6	21.0							
3 12	12 36.62	+ 9 19.9	1.826	2.789	6.3	20.8							
3 22	12 27.92	+10 5.3	1.828	2.810	4.2	20.7							
4 1	12 18.98	+10 39.5	1.857	2.831	5.7	20.9							
4 11	12 10.78	+10 57.9	1.914	2.851	8.7	21.1							
4 21	12 4.08	+10 58.8	1.996	2.871	11.8	21.3							
5 1	11 59.40	+10 42.5	2.099	2.891	14.5	21.5							
<b>90899</b>	1997 <i>EL<sub>1</sub></i>		3 26.9 83°12		1°5/28.3 18								
2 21	12 47.90	- 8 55.5	1.906	2.714	14.4	20.0							
3 2	12 42.92	- 8 38.8	1.840	2.733	11.0	19.8							
3 12	12 35.96	- 8 6.7	1.798	2.752	7.2	19.6							
3 22	12 27.73	- 7 22.4	1.781	2.770	3.1	19.4							
4 1	12 19.15	- 6 31.1	1.793	2.789	2.2	19.3							
4 11	12 11.21	- 5 38.9	1.834	2.807	6.0	19.6							
4 21	12 4.70	- 4 51.9	1.900	2.826	9.7	19.9							
5 1	12 0.19	- 4 14.7	1.991	2.844	13.0	20.1							
<b>463910</b>	2014 <i>UN<sub>126</sub></i>		3 26.9 63°84		2°7/25.1 18								
2 21	12 54.90	+ 4 23.9	1.587	2.427	15.3	20.5							
3 2	12 48.53	+ 4 25.6	1.522	2.436	11.4	20.2							
3 12	12 39.59	+ 4 30.9	1.479	2.445	7.1	20.0							
3 22	12 28.97	+ 4 34.8	1.463	2.454	3.2	19.8							
4 1	12 17.87	+ 4 32.3	1.475	2.463	4.4	19.9							
4 11	12 7.61	+ 4 19.4	1.514	2.473	8.6	20.2							
4 21	11 59.21	+ 3 54.1	1.578	2.482	12.7	20.4							
5 1	11 53.38	+ 3 16.1	1.664	2.492	16.2	20.7							
<b>308745</b>	2006 <i>JR<sub>37</sub></i>		3 26.9 140°72		4°0/23.5 18								
2 21	12 51.22	+ 5 28.5	1.716	2.559	14.1	20.7							
3 2	12 45.63	+ 6 21.1	1.651	2.568	10.5	20.5							
3 12	12 37.75	+ 7 18.3	1.611	2.576	6.7	20.3							
3 22	12 28.35	+ 8 13.0	1.597	2.583	4.0	20.1							
4 1	12 18.51	+ 8 57.8	1.611	2.590	5.6	20.3							
4 11	12 9.39	+ 9 26.6	1.652	2.596	9.3	20.5							
4 21	12 1.91	+ 9 36.5	1.718	2.602	13.0	20.7							
5 1	11 56.72	+ 9 27.0	1.805	2.608	16.1								

2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$	2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$
<b>171274</b>	2006 FR <sub>2</sub>		3 26.9 267°95	2:2/25.2 16			<b>178196</b>	2006 UW <sub>227</sub>		3 26.9 148°11	1:9/24.4 18		
2 21	12 50.86	+ 0 57.3	1.608	2.448	15.1	20.0	2 21	12 43.96	+ 1 31.9	2.669	3.499	10.1	21.2
3 2	12 45.88	+ 1 25.1	1.515	2.431	11.4	19.7	3 2	12 39.55	+ 2 21.3	2.594	3.505	7.4	21.0
3 12	12 38.26	+ 2 2.8	1.446	2.413	7.0	19.4	3 12	12 33.74	+ 3 16.5	2.546	3.511	4.5	20.9
3 22	12 28.66	+ 2 45.1	1.402	2.395	2.8	19.1	3 22	12 27.01	+ 4 13.2	2.526	3.517	2.0	20.7
4 1	12 18.16	+ 3 24.9	1.386	2.377	4.2	19.2	4 1	12 20.00	+ 5 6.6	2.537	3.522	3.1	20.8
4 11	12 8.10	+ 3 55.1	1.397	2.358	8.9	19.4	4 11	12 13.36	+ 5 52.1	2.576	3.527	6.0	21.0
4 21	11 59.63	+ 4 10.5	1.432	2.339	13.5	19.6	4 21	12 7.67	+ 6 26.7	2.643	3.532	8.8	21.1
5 1	11 53.66	+ 4 8.1	1.487	2.320	17.6	19.8	5 1	12 3.37	+ 6 48.2	2.734	3.537	11.2	21.3
<b>497369</b>	2005 UU <sub>307</sub>		3 26.9 135°87	1:0/27.9 17			<b>306893</b>	2001 TB <sub>119</sub>		3 26.9 183°48	6:7/ 3.2 17		
2 21	12 47.10	- 8 16.1	2.023	2.831	13.7	22.8	2 21	12 47.69	-24 33.9	2.121	2.843	15.8	20.6
3 2	12 42.33	- 7 50.2	1.945	2.839	10.5	22.6	3 2	12 43.01	-24 51.0	2.027	2.843	13.5	20.4
3 12	12 35.65	- 7 9.5	1.891	2.846	6.7	22.4	3 12	12 36.21	-24 44.2	1.954	2.843	10.8	20.2
3 22	12 27.68	- 6 17.2	1.863	2.853	2.7	22.1	3 22	12 27.92	-24 12.2	1.904	2.843	8.3	20.0
4 1	12 19.27	- 5 18.4	1.864	2.860	2.0	22.1	4 1	12 19.03	-23 16.2	1.881	2.842	6.8	19.9
4 11	12 11.38	- 4 19.6	1.894	2.866	5.9	22.3	4 11	12 10.57	-22 1.5	1.884	2.841	7.4	20.0
4 21	12 4.80	- 3 26.6	1.950	2.872	9.7	22.6	4 21	12 3.45	-20 35.5	1.914	2.839	9.7	20.1
5 1	12 0.11	- 2 44.4	2.030	2.878	12.9	22.8	5 1	11 58.35	-19 6.9	1.969	2.837	12.4	20.3
<b>303349</b>	2004 TW <sub>273</sub>		3 26.9 200°42	1:5/25.6 18			<b>321719</b>	2010 JG <sub>84</sub>		3 26.9 224°84	5:0/21.0 17		
2 21	12 51.66	- 0 38.8	1.886	2.712	13.8	21.3	2 21	12 47.30	+12 48.0	2.429	3.270	10.6	20.5
3 2	12 45.97	- 0 7.0	1.801	2.709	10.3	21.1	3 2	12 42.23	+13 39.2	2.355	3.264	8.1	20.3
3 12	12 38.02	+ 0 34.6	1.740	2.704	6.3	20.8	3 12	12 35.49	+14 28.8	2.306	3.258	5.9	20.1
3 22	12 28.51	+ 1 21.2	1.706	2.699	2.2	20.6	3 22	12 27.63	+15 11.1	2.285	3.252	5.1	20.1
4 1	12 18.39	+ 2 6.9	1.702	2.694	3.3	20.6	4 1	12 19.38	+15 40.9	2.293	3.246	6.3	20.1
4 11	12 8.77	+ 2 45.2	1.726	2.687	7.6	20.9	4 11	12 11.57	+15 54.3	2.329	3.240	8.7	20.3
4 21	12 0.60	+ 3 11.6	1.776	2.680	11.6	21.1	4 21	12 4.86	+15 50.1	2.389	3.233	11.3	20.4
5 1	11 54.60	+ 3 23.0	1.849	2.672	15.0	21.3	5 1	11 59.80	+15 28.4	2.471	3.226	13.6	20.6
<b>523820</b>	2011 GN <sub>44</sub>		3 26.9 177°84	11:2/12.1 18			<b>268549</b>	2006 AU <sub>88</sub>		3 26.9 275°54	6:4/19.4 17		
2 21	13 14.67	+42 21.3	2.863	3.577	12.3	24.1	2 21	12 44.56	+11 46.4	1.892	2.749	12.5	20.1
3 2	13 2.48	+43 38.9	2.824	3.582	11.5	24.0	3 2	12 40.67	+13 26.0	1.822	2.740	9.6	19.9
3 12	12 47.81	+44 34.5	2.810	3.585	11.2	24.0	3 12	12 34.75	+15 7.1	1.777	2.732	7.1	19.8
3 22	12 31.64	+45 0.4	2.822	3.586	11.5	24.0	3 22	12 27.43	+16 40.3	1.759	2.724	6.5	19.7
4 1	12 15.29	+44 52.3	2.859	3.587	12.3	24.1	4 1	12 19.59	+17 56.7	1.768	2.715	8.3	19.8
4 11	12 0.10	+44 10.7	2.921	3.586	13.3	24.2	4 11	12 12.22	+18 49.7	1.803	2.707	11.2	19.9
4 21	11 47.08	+43 0.0	3.003	3.583	14.4	24.3	4 21	12 6.19	+19 16.5	1.860	2.699	14.2	20.1
5 1	11 36.82	+41 26.5	3.103	3.579	15.3	24.4	5 1	12 2.13	+19 17.2	1.937	2.691	16.8	20.3
<b>380633</b>	2004 VP <sub>81</sub>		3 26.9 204°77	6:7/19.3 17			<b>244482</b>	2002 SZ <sub>59</sub>		3 26.9 202°32	3:1/23.6 18		
2 21	12 49.13	+16 55.5	2.237	3.077	11.4	21.0	2 21	12 48.22	+ 6 12.5	2.388	3.223	11.0	20.8
3 2	12 43.73	+18 2.4	2.170	3.073	9.1	20.8	3 2	12 42.93	+ 6 46.9	2.308	3.220	8.2	20.6
3 12	12 36.45	+19 4.7	2.129	3.069	7.2	20.7	3 12	12 35.93	+ 7 24.0	2.254	3.217	5.2	20.4
3 22	12 27.93	+19 55.3	2.115	3.065	6.8	20.7	3 22	12 27.79	+ 7 59.0	2.228	3.213	3.2	20.3
4 1	12 19.01	+20 28.1	2.129	3.060	8.1	20.7	4 1	12 19.25	+ 8 27.1	2.231	3.210	4.4	20.4
4 11	12 10.61	+20 39.5	2.169	3.055	10.4	20.9	4 11	12 11.14	+ 8 44.4	2.264	3.206	7.3	20.5
4 21	12 3.48	+20 28.6	2.232	3.050	12.9	21.0	4 21	12 4.14	+ 8 48.3	2.323	3.201	10.3	20.7
5 1	11 58.21	+19 56.9	2.316	3.044	15.1	21.2	5 1	11 58.81	+ 8 38.1	2.404	3.197	12.9	20.9
<b>383714</b>	2007 UU <sub>37</sub>		3 26.9 117°54	2:6/23.7 17			<b>468199</b>	2015 BK <sub>1</sub>		3 26.9 171°48	0:9/27.7 17		
2 21	12 45.52	+ 3 40.4	2.441	3.275	10.8	21.5	2 21	12 48.33	- 6 36.0	2.063	2.873	13.4	21.3
3 2	12 40.76	+ 4 32.7	2.376	3.289	7.9	21.3	3 2	12 43.29	- 6 25.5	1.979	2.875	10.2	21.1
3 12	12 34.49	+ 5 29.4	2.337	3.302	4.9	21.2	3 12	12 36.28	- 6 2.4	1.919	2.876	6.5	20.9
3 22	12 27.25	+ 6 25.7	2.327	3.315	2.7	21.0	3 22	12 27.93	- 5 29.6	1.886	2.877	2.6	20.6
4 1	12 19.75	+ 7 16.1	2.347	3.328	3.9	21.1	4 1	12 19.09	- 4 51.1	1.882	2.878	2.0	20.6
4 11	12 12.71	+ 7 56.3	2.395	3.340	6.8	21.3	4 11	12 10.72	- 4 12.5	1.907	2.879	6.0	20.9
4 21	12 6.75	+ 8 23.2	2.470	3.352	9.6	21.5	4 21	12 3.62	- 3 38.8	1.958	2.879	9.7	21.1
5 1	12 2.34	+ 8 35.5	2.568	3.364	12.1	21.7	5 1	11 58.43	- 3 14.0	2.033	2.879	13.0	21.3
<b>44205</b>	1998 MY <sub>45</sub>		3 26.9 259°98	2:0/28.7 18			<b>10583</b>	Kanetugu		3 26.9 215°71	4:6/20.5 18		
2 21	12 47.54	-10 30.5	1.840	2.644	15.0	19.4	2 21	12 46.49	+13 52.2	2.914	3.749	9.2	17.8
3 2	12 43.15	-10 12.8	1.737	2.627	11.8	19.1	3 2	12 41.39	+14 43.6	2.836	3.741	7.1	17.7
3 12	12 36.46	- 9 36.3	1.657	2.608	7.9	18.8	3 12	12 34.88	+15 33.1	2.785	3.733	5.3	17.5
3 22	12 28.05	- 8 42.9	1.602	2.590	3.8	18.5	3 22	12 27.43	+16 15.7	2.763	3.724	4.7	17.5
4 1	12 18.83	- 7 37.4	1.575	2.570	2.5	18.4	4 1	12 19.64	+16 47.1	2.770	3.715	5.8	17.5
4 11	12 9.94	- 6 26.9	1.576	2.551	6.7	18.6	4 11	12 12.19	+17 4.1	2.805	3.705	7.8	17.6
4 21	12 2.39	- 5 19.2	1.603	2.531	11.0	18.8	4 21	12 5.65	+17 5.3	2.866	3.695	10.0	17.8
5 1	11 56.98	- 4 21.6	1.653	2.510	14.9	19.0	5 1	12 0.49	+16 50.7	2.949	3.684	12.0	17.9
<b>225536</b>	2000 SO <sub>63</sub>		3 26.9 176°48	1:1/25.7 17			<b>21343</b>	1997 EF		3 26.9 346°40	3:2/24.6 18		
2 21	12 46.41	- 2 12.4	2.321	3.143	11.7	21.3	2 21	12 45.83	+ 2 5.6	1.271	2.134	16.8	17.5
3 2	12 41.60	- 1 24.1	2.240	3.146	8.7	21.1	3 2	12 42.44	+ 2 45.0	1.200	2.128	12.6	17.2
3 12	12 35.11	- 0 26.1	2.183	3.147	5.3	20.9	3 12	12 36.23	+ 3 35.2	1.151	2.121	7.8	16.9
3 22	12 27.50	+ 0 37.2	2.155	3.148	1.8	20.7	3 22	12 28.01	+ 4 28.3	1.124	2.116	3.5	16.6
4 1	12 19.49	+ 1 40.4	2.157	3.149	2.7	20.7	4 1	12 19.02	+ 5 15.3	1.123	2.112	5.3	16.7
4 11	12 11.89	+ 2 37.6	2.188	3.149	6.2	21.0	4 11	12 10.73	+ 5 47.4	1.146	2.108	10.3	17.0
4 21	12 5.41	+ 3 24.2	2.247	3.148	9.6	21.2	4 21	12 4.36	+ 5 59.4	1.190	2.106	15.0	17.2
5 1	12 0.58	+ 3 57.1	2.329	3.147	12.5	21.4	5 1	12 0.72	+ 5 49.1	1.254	2.104	19.1	17.5
<b>468442</b>	2002 QK <sub>61</sub>		3 26.9 159°78	3:3/22.3 17			<b>358034</b>	2006 FA <sub>28</sub>		3 26.9 346°24	1:7/25.8 17		
2 21	12 44.01	+ 5 5.2	2.565	3.403	10.2	21.9	2 21	12 46.30	- 0 54.6	1.157	2.019	18.2	20.7
3 2	12 39.65</												

EPHEMERIDES

3 26.9

3 26.9

2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$	2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$
<b>405398</b>	2004 <i>LJ</i> <sub>28</sub>		3 26.9 247°80	0°5/26.5	14	C	<b>498642</b>	2008 <i>SZ</i> <sub>32</sub>		3 26.9 206°20	1°1/25.7	17	
2 21	12 49.14	— 5 7.8	1.825	2.646	14.4	22.8	2 21	12 45.71	— 2 28.9	2.200	3.025	12.1	22.2
3 2	12 44.38	— 4 18.2	1.722	2.625	11.0	22.6	3 2	12 41.24	— 1 40.5	2.114	3.021	9.0	22.0
3 12	12 37.25	— 3 11.7	1.642	2.604	6.9	22.3	3 12	12 34.99	— 0 41.4	2.053	3.017	5.5	21.8
3 22	12 28.36	— 1 52.5	1.589	2.582	2.2	21.9	3 22	12 27.52	+ 0 24.0	2.020	3.013	1.8	21.5
4 1	12 18.62	— 0 27.8	1.565	2.559	2.8	21.9	4 1	12 19.60	+ 1 29.7	2.016	3.008	2.7	21.6
4 11	12 9.20	+ 0 53.6	1.569	2.535	7.6	22.1	4 11	12 12.07	+ 2 29.6	2.041	3.003	6.5	21.8
4 21	12 1.12	+ 2 3.8	1.599	2.510	12.1	22.3	4 21	12 5.69	+ 3 18.5	2.093	2.997	10.0	22.0
5 1	11 55.23	+ 2 57.0	1.652	2.485	16.1	22.5	5 1	12 1.01	+ 3 53.1	2.168	2.991	13.1	22.2
<b>521255</b>	2015 <i>HQ</i> <sub>191</sub>		3 26.9 2°69	0°1/26.9	17		<b>245885</b>	2006 <i>QO</i> <sub>50</sub>		3 26.9 266°36	3°7/22.2	18	
2 21	12 42.27	— 6 11.8	2.277	3.095	12.0	21.7	2 21	12 43.91	+ 5 52.9	2.319	3.163	10.9	20.8
3 2	12 38.60	— 5 22.0	2.193	3.095	9.0	21.5	3 2	12 39.90	+ 7 6.2	2.229	3.146	8.1	20.6
3 12	12 33.31	— 4 19.0	2.134	3.095	5.6	21.3	3 12	12 34.18	+ 8 25.2	2.164	3.128	5.3	20.4
3 22	12 26.94	— 3 7.1	2.102	3.095	1.9	21.0	3 22	12 27.26	+ 9 43.7	2.128	3.111	3.7	20.3
4 1	12 20.18	— 1 51.6	2.100	3.095	2.0	21.0	4 1	12 19.85	+10 55.0	2.121	3.093	5.2	20.3
4 11	12 13.81	— 0 39.2	2.126	3.095	5.7	21.2	4 11	12 12.74	+11 52.9	2.142	3.075	8.2	20.5
4 21	12 8.49	+ 0 24.6	2.180	3.095	9.1	21.5	4 21	12 6.66	+12 33.5	2.189	3.056	11.3	20.6
5 1	12 4.75	+ 1 15.7	2.258	3.096	12.1	21.7	5 1	12 2.19	+12 54.9	2.257	3.038	14.0	20.8
<b>36156</b>	1999 <i>RQ</i> <sub>206</sub>		3 26.9 216°94	5°2/ 2.9	18		<b>196751</b>	2003 <i>SL</i> <sub>149</sub>		3 26.9 190°70	1°2/25.6	17	
2 21	12 44.13	—23 21.7	2.751	3.468	12.7	17.9	2 21	12 47.10	— 0 40.0	2.325	3.150	11.6	21.1
3 2	12 39.90	—23 29.7	2.650	3.464	10.7	17.8	3 2	12 42.15	— 0 8.8	2.242	3.149	8.6	20.9
3 12	12 34.10	—23 19.2	2.571	3.460	8.5	17.6	3 12	12 35.50	+ 0 30.2	2.183	3.148	5.2	20.7
3 22	12 27.21	—22 50.0	2.516	3.456	6.4	17.5	3 22	12 27.68	+ 1 13.1	2.153	3.146	1.8	20.5
4 1	12 19.88	—22 3.4	2.489	3.452	5.2	17.4	4 1	12 19.45	+ 1 55.1	2.152	3.144	2.7	20.5
4 11	12 12.85	—21 3.3	2.490	3.447	5.8	17.4	4 11	12 11.63	+ 2 31.4	2.181	3.142	6.2	20.8
4 21	12 6.77	—19 54.9	2.519	3.442	7.7	17.5	4 21	12 4.91	+ 2 58.0	2.236	3.139	9.6	21.0
5 1	12 2.18	—18 44.1	2.573	3.437	10.0	17.7	5 1	11 59.86	+ 3 12.5	2.316	3.136	12.5	21.1
<b>376126</b>	2011 <i>AH</i> <sub>45</sub>		3 26.9 16°35	4°8/30.5	18		<b>233634</b>	2007 <i>VF</i> <sub>25</sub>		3 26.9 238°39	0°7/26.2	18	
2 21	12 45.75	—13 37.9	1.333	2.150	18.9	19.9	2 21	12 48.31	— 1 23.6	2.467	3.285	11.2	20.5
3 2	12 42.29	—14 9.5	1.266	2.156	15.2	19.6	3 2	12 43.05	— 1 10.1	2.371	3.273	8.4	20.3
3 12	12 36.08	—14 18.0	1.218	2.163	10.9	19.4	3 12	12 36.08	— 0 49.4	2.299	3.262	5.2	20.1
3 22	12 27.95	—14 3.4	1.192	2.171	6.6	19.2	3 22	12 27.89	+ 0 24.4	2.257	3.250	1.7	19.8
4 1	12 19.14	—13 29.3	1.191	2.181	4.8	19.1	4 1	12 19.22	+ 0 1.1	2.244	3.238	2.2	19.9
4 11	12 11.06	—12 43.2	1.214	2.191	7.8	19.3	4 11	12 10.86	+ 0 23.1	2.261	3.225	5.8	20.1
4 21	12 4.88	—11 53.9	1.260	2.203	12.0	19.5	4 21	12 3.53	+ 0 38.1	2.306	3.212	9.1	20.3
5 1	12 1.39	—11 10.1	1.327	2.215	16.0	19.8	5 1	11 57.82	+ 0 43.6	2.375	3.199	12.1	20.4
<b>247933</b>	2003 <i>WL</i> <sub>162</sub>		3 26.9 153°43	5°9/20.7	18		<b>105317</b>	2000 <i>QU</i> <sub>74</sub>		3 26.9 332°93	3°1/29.9	18	
2 21	12 49.57	+11 26.2	1.945	2.791	12.6	20.6	2 21	12 47.11	—12 36.6	2.217	3.002	13.4	19.9
3 2	12 44.21	+12 50.1	1.886	2.799	9.6	20.4	3 2	12 42.37	—12 54.2	2.127	3.000	10.6	19.7
3 12	12 36.82	+14 13.8	1.852	2.807	6.9	20.3	3 12	12 35.74	—12 57.3	2.060	2.998	7.5	19.5
3 22	12 28.11	+15 28.7	1.845	2.813	6.0	20.2	3 22	12 27.80	—12 46.5	2.018	2.997	4.4	19.3
4 1	12 19.01	+16 27.4	1.867	2.820	7.5	20.3	4 1	12 19.32	—12 24.1	2.005	2.995	3.2	19.2
4 11	12 10.54	+17 4.4	1.915	2.825	10.4	20.5	4 11	12 11.23	—11 54.2	2.021	2.993	5.6	19.4
4 21	12 3.51	+17 17.9	1.987	2.830	13.3	20.7	4 21	12 4.30	—11 21.9	2.063	2.992	8.9	19.6
5 1	11 58.53	+17 8.8	2.080	2.834	15.8	20.9	5 1	11 59.17	—10 52.1	2.130	2.991	11.9	19.7
<b>408712</b>	2014 <i>NL</i> <sub>54</sub>		3 26.9 206°14	4°3/22.8	17		<b>132219</b>	2002 <i>EL</i> <sub>65</sub>		3 26.9 279°23	0°1/26.9	17	
2 21	12 50.32	+ 6 7.5	1.863	2.705	13.3	22.0	2 21	12 46.76	— 5 58.7	1.573	2.404	15.8	20.0
3 2	12 45.00	+ 7 13.6	1.785	2.700	9.9	21.8	3 2	12 42.90	— 5 22.6	1.477	2.385	12.1	19.7
3 12	12 37.45	+ 8 25.0	1.731	2.694	6.4	21.5	3 12	12 36.49	— 4 27.9	1.403	2.366	7.7	19.4
3 22	12 28.37	+ 9 34.5	1.704	2.688	4.3	21.4	3 22	12 28.16	— 3 18.6	1.354	2.347	2.6	19.0
4 1	12 18.71	+10 34.1	1.707	2.681	6.0	21.5	4 1	12 18.92	— 2 1.8	1.331	2.327	2.7	18.9
4 11	12 9.57	+11 17.0	1.736	2.673	9.5	21.7	4 11	12 10.05	— 0 47.0	1.335	2.307	8.0	19.2
4 21	12 1.88	+11 39.7	1.791	2.664	13.0	21.9	4 21	12 2.71	+ 0 17.2	1.364	2.287	12.9	19.4
5 1	11 56.34	+11 41.2	1.866	2.655	16.2	22.0	5 1	11 57.80	+ 1 4.2	1.414	2.267	17.2	19.6
<b>497375</b>	2005 <i>UL</i> <sub>369</sub>		3 26.9 196°22	0°2/27.1	17		<b>433667</b>	2014 <i>DN</i> <sub>18</sub>		3 26.9 121°39	3°6/21.9	17	
2 21	12 46.53	— 6 12.1	2.228	3.039	12.5	22.9	2 21	12 43.26	+ 6 24.4	2.499	3.342	10.3	21.3
3 2	12 41.84	— 5 31.8	2.139	3.037	9.4	22.7	3 2	12 39.13	+ 7 44.6	2.435	3.351	7.6	21.1
3 12	12 35.35	— 4 38.3	2.075	3.034	5.9	22.5	3 12	12 33.54	+ 9 8.1	2.398	3.361	5.0	20.9
3 22	12 27.64	— 3 35.2	2.038	3.031	2.0	22.2	3 22	12 27.01	+10 28.9	2.389	3.370	3.6	20.9
4 1	12 19.46	— 2 28.0	2.031	3.026	2.0	22.2	4 1	12 20.19	+11 40.9	2.411	3.378	5.0	21.0
4 11	12 11.68	— 1 22.9	2.053	3.022	5.9	22.4	4 11	12 13.79	+12 39.0	2.460	3.387	7.6	21.1
4 21	12 5.04	— 0 25.5	2.103	3.017	9.5	22.6	4 21	12 8.40	+13 20.2	2.536	3.395	10.2	21.3
5 1	12 0.13	+ 0 19.8	2.177	3.011	12.7	22.8	5 1	12 4.46	+13 43.5	2.634	3.404	12.5	21.5
<b>120319</b>	2004 <i>LZ</i> <sub>15</sub>		3 26.9 290°23	0°5/26.5	17		<b>158538</b>	2002 <i>GN</i> <sub>90</sub>		3 26.9 117°65	1°0/28.1	18	
2 21	12 44.73	— 4 53.8	1.726	2.559	14.6	19.7	2 21	12 45.26	— 9 18.5	2.090	2.896	13.4	20.1
3 2	12 41.06	— 4 9.3	1.635	2.545	11.0	19.5	3 2	12 40.92	— 8 35.0	2.014	2.906	10.2	19.9
3 12	12 35.16	— 3 8.5	1.567	2.532	6.9	19.2	3 12	12 34.78	— 7 35.6	1.962	2.917	6.6	19.7
3 22	12 27.64	— 1 56.1	1.525	2.518	2.2	18.9	3 22	12 27.45	— 6 23.9	1.937	2.927	2.7	19.5
4 1	12 19.43	— 0 39.3	1.510	2.505	2.7	18.9	4 1	12 19.76	— 5 6.0	1.940	2.937	1.9	19.4
4 11	12 11.64	+ 0 33.3	1.522	2.492	7.5	19.1	4 11	12 12.56	— 3 48.7	1.973	2.946	5.7	19.7
4 21	12 5.23	+ 1 34.4	1.560	2.478	11.9	19.4	4 21	12 6.61	— 2 38.6	2.033	2.955	9.4	19.9
5 1	12 0.96	+ 2 18.5	1.619	2.465	15.7	19.6	5 1	12 2.43	— 1 40.7	2.117	2.964	12.5	20.1
<b>92706</b>	2000 <i>QL</i> <sub>84</sub>		3 26.9 214°97	4°3/31.2	18								

EPHEMERIDES

Table with 14 columns: 2020, alpha\_2000, delta\_2000, Delta, r, beta, V, 2020, alpha\_2000, delta\_2000, Delta, r, beta, V. Rows include star identifiers like 86580, 435408, 182926, etc., and their corresponding coordinates and magnitudes.



EPHEMERIDES

3 26.9

3 26.9

2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$	2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$
<b>17512</b>	1992 <i>RN</i>		3 26.9 296 <sup>o</sup> .02		3 <sup>o</sup> .5/29.1	18	<b>498339</b>	2007 <i>VU</i> <sub>243</sub>		3 26.9 96 <sup>o</sup> .72		1 <sup>o</sup> .7/29.0	17
2 21	12 50.71	-10 13.8	1.485	2.299	17.5	17.1	2 21	12 45.85	-10 47.1	2.486	3.275	12.0	22.2
3 2	12 46.33	-10 44.6	1.379	2.272	14.0	16.8	3 2	12 41.05	-10 25.7	2.416	3.296	9.3	22.0
3 12	12 38.95	-10 58.6	1.295	2.245	9.8	16.5	3 12	12 34.74	-9 50.9	2.370	3.317	6.2	21.9
3 22	12 29.13	-10 55.2	1.233	2.218	5.3	16.1	3 22	12 27.47	-9 5.3	2.352	3.338	3.0	21.7
4 1	12 17.99	-10 36.2	1.198	2.191	3.9	16.0	4 1	12 19.93	-8 12.7	2.364	3.358	2.0	21.6
4 11	12 7.02	-10 7.0	1.188	2.164	8.1	16.1	4 11	12 12.88	-7 18.2	2.405	3.378	4.8	21.9
4 21	11 57.67	-9 34.9	1.202	2.137	13.2	16.3	4 21	12 6.90	-6 26.7	2.474	3.398	7.8	22.1
5 1	11 51.09	-9 7.8	1.238	2.111	17.9	16.5	5 1	12 2.46	-5 42.3	2.568	3.417	10.5	22.3
<b>165344</b>	2000 <i>VB</i> <sub>47</sub>		3 26.9 178 <sup>o</sup> .06		1 <sup>o</sup> .4/28.4	17	<b>505231</b>	2012 <i>UR</i> <sub>30</sub>		3 26.9 161 <sup>o</sup> .52		0 <sup>o</sup> .4/26.5	17
2 21	12 50.99	-9 0.3	2.127	2.922	13.5	21.7	2 21	12 44.41	-4 13.4	2.655	3.469	10.6	22.2
3 2	12 45.28	-8 44.5	2.040	2.925	10.5	21.5	3 2	12 39.96	-3 31.8	2.573	3.473	7.9	22.0
3 12	12 37.56	-8 14.1	1.976	2.927	6.9	21.3	3 12	12 34.09	-2 40.7	2.516	3.478	4.9	21.8
3 22	12 28.46	-7 31.5	1.940	2.928	3.0	21.1	3 22	12 27.26	-1 43.6	2.489	3.482	1.6	21.6
4 1	12 18.84	-6 41.2	1.933	2.928	2.1	21.0	4 1	12 20.12	-0 44.9	2.491	3.485	1.9	21.6
4 11	12 9.69	-5 48.8	1.956	2.928	5.8	21.3	4 11	12 13.34	+0 10.3	2.523	3.489	5.2	21.9
4 21	12 1.83	-5 0.1	2.006	2.926	9.6	21.5	4 21	12 7.50	+0 58.0	2.583	3.491	8.2	22.0
5 1	11 55.91	-4 20.0	2.081	2.924	12.9	21.7	5 1	12 3.07	+1 34.9	2.668	3.494	10.9	22.2
<b>23488</b>	1991 <i>PF</i> <sub>12</sub>		3 26.9 251 <sup>o</sup> .86		4 <sup>o</sup> .1/30.7	18	<b>143389</b>	2003 <i>BK</i> <sub>27</sub>		3 26.9 100 <sup>o</sup> .52		3 <sup>o</sup> .8/21.7	17
2 21	12 49.23	-15 40.6	1.968	2.742	15.2	19.5	2 21	12 42.86	+5 46.1	2.347	3.192	10.8	19.9
3 2	12 44.43	-15 46.2	1.859	2.724	12.4	19.3	3 2	12 38.95	+7 21.2	2.284	3.202	7.9	19.7
3 12	12 37.32	-15 32.0	1.773	2.704	9.0	19.0	3 12	12 33.51	+9 0.7	2.248	3.212	5.2	19.5
3 22	12 28.47	-14 57.6	1.711	2.685	5.7	18.8	3 22	12 27.07	+10 37.7	2.242	3.222	3.8	19.4
4 1	12 18.77	-14 5.5	1.677	2.664	4.2	18.6	4 1	12 20.33	+12 5.0	2.265	3.232	5.3	19.6
4 11	12 9.33	-13 1.3	1.671	2.643	6.6	18.7	4 11	12 14.03	+13 16.7	2.316	3.242	8.0	19.7
4 21	12 1.17	-11 52.4	1.691	2.621	10.4	18.9	4 21	12 8.79	+14 9.4	2.393	3.251	10.8	19.9
5 1	11 55.13	-10 46.6	1.736	2.599	14.1	19.1	5 1	12 5.07	+14 42.0	2.492	3.261	13.1	20.1
<b>407898</b>	2012 <i>BZ</i> <sub>128</sub>		3 26.9 116 <sup>o</sup> .96		1 <sup>o</sup> .8/25.2	18	<b>397131</b>	2005 <i>WS</i> <sub>56</sub>		3 26.9 202 <sup>o</sup> .70		3 <sup>o</sup> .0/29.8	18
2 21	12 49.63	-0 41.4	1.822	2.654	14.0	21.5	2 21	12 51.14	-13 36.7	1.980	2.760	14.9	21.2
3 2	12 44.33	+0 9.0	1.759	2.671	10.3	21.3	3 2	12 45.68	-13 23.6	1.884	2.755	11.9	21.0
3 12	12 36.94	+1 9.3	1.720	2.686	6.2	21.1	3 12	12 37.98	-12 50.9	1.810	2.749	8.3	20.8
3 22	12 28.23	+2 13.6	1.709	2.701	2.3	20.9	3 22	12 28.66	-12 0.0	1.761	2.742	4.6	20.5
4 1	12 19.14	+3 14.7	1.726	2.716	3.5	21.0	4 1	12 18.66	-10 54.7	1.742	2.734	3.1	20.4
4 11	12 10.74	+4 6.0	1.771	2.730	7.6	21.3	4 11	12 9.08	-9 42.0	1.752	2.725	6.3	20.6
4 21	12 3.85	+4 42.8	1.842	2.744	11.3	21.5	4 21	12 0.88	-8 29.3	1.789	2.715	10.2	20.8
5 1	11 59.05	+5 2.7	1.935	2.757	14.5	21.8	5 1	11 54.79	-7 23.9	1.850	2.704	13.7	21.0
<b>88389</b>	2001 <i>QC</i> <sub>6</sub>		3 26.9 49 <sup>o</sup> .91		4 <sup>o</sup> .6/30.3	18	<b>455915</b>	2005 <i>UX</i> <sub>231</sub>		3 26.9 324 <sup>o</sup> .16		2 <sup>o</sup> .4/29.1	17
2 21	12 51.07	-13 30.4	1.537	2.335	17.7	18.3	2 21	12 43.20	-11 22.5	1.537	2.357	16.7	20.7
3 2	12 45.98	-14 8.0	1.467	2.347	14.2	18.1	3 2	12 40.24	-11 2.5	1.448	2.345	13.1	20.4
3 12	12 38.27	-14 25.5	1.418	2.358	10.1	17.9	3 12	12 34.84	-10 19.9	1.379	2.333	8.9	20.1
3 22	12 28.74	-14 22.7	1.393	2.370	6.2	17.7	3 22	12 27.65	-9 16.9	1.333	2.321	4.4	19.8
4 1	12 18.58	-14 2.2	1.394	2.382	4.6	17.6	4 1	12 19.68	-7 59.3	1.314	2.310	2.8	19.7
4 11	12 9.14	-13 29.8	1.421	2.395	7.4	17.8	4 11	12 12.17	-6 36.3	1.321	2.299	7.1	19.9
4 21	12 1.52	-12 53.0	1.473	2.407	11.3	18.0	4 21	12 6.19	-5 17.5	1.352	2.289	11.8	20.2
5 1	11 56.48	-12 19.1	1.547	2.420	14.9	18.3	5 1	12 2.56	-4 11.5	1.405	2.280	16.0	20.4
<b>358038</b>	2006 <i>GL</i> <sub>6</sub>		3 26.9 239 <sup>o</sup> .25		0 <sup>o</sup> .8/25.9	17	<b>200214</b>	1999 <i>TX</i> <sub>169</sub>		3 26.9 144 <sup>o</sup> .11		1 <sup>o</sup> .5/28.6	18
2 21	12 45.93	-7 16.7	1.823	2.642	14.5	20.7	2 21	12 45.76	-10 3.0	2.189	2.988	13.1	20.7
3 2	12 41.90	-5 37.0	1.725	2.629	10.9	20.5	3 2	12 41.29	-9 34.2	2.107	2.994	10.1	20.5
3 12	12 35.69	-3 34.2	1.652	2.615	6.7	20.2	3 12	12 35.05	-8 49.9	2.048	3.000	6.6	20.3
3 22	12 27.89	+1 15.1	1.606	2.600	2.1	19.9	3 22	12 27.62	-7 53.2	2.017	3.005	3.0	20.1
4 1	12 19.41	+1 10.1	1.591	2.584	3.1	19.9	4 1	12 19.78	-6 48.7	2.014	3.010	2.0	20.1
4 11	12 11.31	+3 29.3	1.606	2.568	7.9	20.1	4 11	12 12.39	-5 42.8	2.041	3.015	5.5	20.3
4 21	12 4.56	+5 31.9	1.647	2.552	12.3	20.4	4 21	12 6.17	-4 41.3	2.095	3.019	9.0	20.5
5 1	11 59.87	+7 10.9	1.712	2.534	16.1	20.6	5 1	12 1.70	-3 49.4	2.173	3.023	12.1	20.7
<b>155774</b>	2000 <i>SS</i> <sub>244</sub>		3 26.9 240 <sup>o</sup> .35		2 <sup>o</sup> .0/28.6	17	<b>221098</b>	2005 <i>SN</i> <sub>103</sub>		3 26.9 224 <sup>o</sup> .62		1 <sup>o</sup> .1/25.9	17
2 21	12 51.36	-8 25.3	2.052	2.851	13.8	20.7	2 21	12 50.51	-0 36.3	2.246	3.066	12.1	21.5
3 2	12 45.77	-8 40.5	1.955	2.841	10.8	20.5	3 2	12 44.90	-0 14.2	2.150	3.055	9.1	21.3
3 12	12 38.01	-8 43.4	1.881	2.831	7.2	20.3	3 12	12 37.34	+0 15.7	2.080	3.043	5.6	21.1
3 22	12 28.66	-8 34.8	1.834	2.821	3.4	20.0	3 22	12 28.42	+0 50.0	2.038	3.031	1.9	20.8
4 1	12 18.62	-8 17.5	1.816	2.810	2.5	19.9	4 1	12 18.93	+1 23.9	2.026	3.018	2.7	20.8
4 11	12 8.93	-7 55.8	1.827	2.799	6.1	20.1	4 11	12 9.78	+1 52.5	2.043	3.004	6.5	21.0
4 21	12 0.53	-7 34.7	1.865	2.788	10.0	20.3	4 21	12 1.81	+2 12.1	2.088	2.990	10.1	21.2
5 1	11 54.16	-7 18.6	1.927	2.777	13.4	20.5	5 1	11 55.65	+2 19.8	2.156	2.975	13.3	21.4
<b>402909</b>	2007 <i>TL</i> <sub>68</sub>		3 26.9 163 <sup>o</sup> .15		1 <sup>o</sup> .1/25.9	18	<b>225544</b>	2000 <i>SV</i> <sub>142</sub>		3 26.9 134 <sup>o</sup> .12		5 <sup>o</sup> .4/2.4	18
2 21	12 49.69	-2 34.1	1.955	2.779	13.5	22.1	2 21	12 46.04	-22 28.2	2.147	2.884	15.2	20.4
3 2	12 44.37	-1 49.0	1.879	2.785	10.1	21.8	3 2	12 41.66	-22 19.2	2.061	2.892	12.7	20.2
3 12	12 37.01	-0 52.4	1.827	2.791	6.1	21.6	3 12	12 35.35	-21 46.4	1.995	2.900	9.8	20.1
3 22	12 28.28	+0 10.6	1.802	2.795	2.0	21.4	3 22	12 27.74	-20 50.1	1.954	2.907	7.0	19.9
4 1	12 19.08	+1 13.7	1.807	2.799	2.9	21.4	4 1	12 19.67	-19 33.4	1.940	2.914	5.4	19.8
4 11	12 10.43	+2 10.0	1.840	2.803	7.0	21.7	4 11	12 12.09	-18 2.6	1.954	2.920	6.4	19.9
4 21	12 3.17	+2 54.2	1.900	2.805	10.8	21.9	4 21	12 5.80	-16 25.8	1.996	2.927	9.0	20.0
5 1	11 57.92	+3 23.2	1.983	2.807	14.1	22.1	5 1	12 1.40	-14 51.2	2.062	2.933	11.8	20.2
<b>112801</b>	2002 <i>PS</i> <sub>168</sub>												

## EPHEMERIDES

3 26.9

3 26.9

2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$	2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$
<b>341407</b>	2007 <i>TU</i> <sub>167</sub>		3 26.9 98°00	0 <sup>5</sup> /27.4	17		<b>225613</b>	2000 <i>YH</i> <sub>107</sub>		3 26.9 147°22	1°9/24.6	18	
2 21	12 48.48	- 4 59.1	2.226	3.037	12.5	20.5	2 21	12 47.77	+ 1 41.9	2.536	3.361	10.7	21.1
3 2	12 43.23	- 4 55.1	2.150	3.047	9.4	20.3	3 2	12 42.46	+ 2 27.6	2.465	3.372	7.9	21.0
3 12	12 36.20	- 4 41.2	2.098	3.056	5.9	20.1	3 12	12 35.63	+ 3 19.1	2.419	3.384	4.8	20.8
3 22	12 28.00	- 4 20.0	2.074	3.066	2.2	19.9	3 22	12 27.81	+ 4 11.8	2.403	3.394	2.1	20.6
4 1	12 19.42	- 3 55.1	2.079	3.075	1.8	19.9	4 1	12 19.69	+ 5 0.8	2.417	3.404	3.2	20.7
4 11	12 11.32	- 3 30.9	2.114	3.084	5.6	20.1	4 11	12 12.02	+ 5 41.6	2.461	3.413	6.2	20.9
4 21	12 4.43	- 3 11.4	2.175	3.093	9.0	20.3	4 21	12 5.42	+ 6 11.1	2.533	3.421	9.2	21.1
5 1	11 59.31	- 2 59.8	2.261	3.102	12.0	20.6	5 1	12 0.36	+ 6 27.3	2.628	3.429	11.7	21.3
<b>133258</b>	2003 <i>RG</i> <sub>20</sub>		3 26.9 231°78	0°8/26.2	18		<b>519867</b>	2013 <i>NC</i> <sub>30</sub>		3 26.9 210°05	1°9/25.2	17	
2 21	12 46.34	- 2 39.5	2.091	2.917	12.6	20.3	2 21	12 48.61	+ 0 14.7	1.887	2.721	13.5	21.9
3 2	12 41.84	- 2 7.0	2.005	2.912	9.5	20.1	3 2	12 43.72	+ 0 52.0	1.806	2.718	10.0	21.7
3 12	12 35.47	- 1 24.0	1.944	2.908	5.8	19.8	3 12	12 36.71	+ 1 38.4	1.749	2.715	6.1	21.5
3 22	12 27.79	- 0 34.5	1.909	2.903	1.9	19.5	3 22	12 28.24	+ 2 28.9	1.719	2.711	2.4	21.2
4 1	12 19.61	+ 0 16.1	1.904	2.898	2.5	19.6	4 1	12 19.22	+ 3 17.0	1.717	2.708	3.6	21.3
4 11	12 11.86	+ 1 1.9	1.927	2.893	6.5	19.8	4 11	12 10.70	+ 3 56.6	1.744	2.704	7.6	21.5
4 21	12 5.30	+ 1 38.1	1.977	2.888	10.2	20.0	4 21	12 3.56	+ 4 23.2	1.796	2.699	11.5	21.7
5 1	12 0.55	+ 2 1.3	2.049	2.882	13.4	20.2	5 1	11 58.46	+ 4 33.9	1.870	2.695	14.8	21.9
<b>119764</b>	2001 <i>YO</i> <sub>121</sub>		3 26.9 249°14	1°9/25.1	18	R	<b>268139</b>	2004 <i>TY</i> <sub>177</sub>		3 26.9 265°68	0°2/27.1	17	
2 21	12 49.66	+ 1 13.6	2.064	2.894	12.6	19.7	2 21	12 49.47	- 4 7.8	1.925	2.745	13.8	20.7
3 2	12 44.46	+ 1 43.9	1.968	2.878	9.5	19.5	3 2	12 44.45	- 4 3.5	1.832	2.735	10.5	20.5
3 12	12 37.18	+ 2 21.9	1.897	2.862	5.8	19.2	3 12	12 37.23	- 3 48.3	1.763	2.724	6.6	20.2
3 22	12 28.41	+ 3 3.1	1.853	2.845	2.4	19.0	3 22	12 28.44	- 3 24.9	1.721	2.713	2.3	19.9
4 1	12 18.98	+ 3 42.0	1.838	2.828	3.5	19.0	4 1	12 18.99	- 2 57.6	1.707	2.703	2.2	19.9
4 11	12 9.90	+ 4 12.9	1.852	2.810	7.4	19.2	4 11	12 9.93	- 2 31.6	1.721	2.692	6.6	20.1
4 21	12 2.06	+ 4 31.8	1.893	2.792	11.2	19.4	4 21	12 2.21	- 2 11.7	1.762	2.681	10.7	20.3
5 1	11 56.16	+ 4 36.1	1.956	2.773	14.5	19.6	5 1	11 56.55	- 2 1.8	1.825	2.670	14.3	20.5
<b>194057</b>	2001 <i>SX</i> <sub>122</sub>		3 26.9 111°69	3°9/30.0	18		<b>84399</b>	2002 <i>TV</i> <sub>179</sub>		3 26.9 107°48	1°1/28.2	17	
2 21	12 51.21	-13 29.9	1.501	2.301	18.0	20.2	2 21	12 48.96	- 7 28.0	2.457	3.253	11.9	20.2
3 2	12 46.18	-13 40.0	1.428	2.310	14.3	20.0	3 2	12 43.40	- 7 25.3	2.384	3.271	9.1	20.1
3 12	12 38.45	-13 27.7	1.375	2.318	10.1	19.8	3 12	12 36.23	- 7 11.9	2.336	3.289	5.9	19.9
3 22	12 28.85	-12 54.0	1.346	2.327	5.8	19.5	3 22	12 28.02	- 6 50.0	2.317	3.306	2.5	19.7
4 1	12 18.58	-12 3.2	1.344	2.335	4.1	19.5	4 1	12 19.50	- 6 22.8	2.327	3.322	1.8	19.7
4 11	12 9.03	-11 3.1	1.368	2.343	7.3	19.7	4 11	12 11.47	- 5 54.4	2.367	3.339	5.0	19.9
4 21	12 1.35	-10 2.5	1.417	2.351	11.6	19.9	4 21	12 4.57	- 5 28.7	2.435	3.355	8.1	20.1
5 1	11 56.29	- 9 9.6	1.488	2.359	15.5	20.2	5 1	11 59.30	- 5 9.2	2.528	3.370	10.9	20.3
<b>273926</b>	2007 <i>JJ</i> <sub>1</sub>		3 26.9 83°94	1°7/25.4	17		<b>508615</b>	2017 <i>SE</i> <sub>36</sub>		3 26.9 200°71	0°1/26.9	17	
2 21	12 48.39	+ 0 16.7	1.830	2.666	13.7	21.3	2 21	12 42.92	- 6 28.6	2.471	3.283	11.4	21.7
3 2	12 43.50	+ 0 47.1	1.760	2.673	10.2	21.1	3 2	12 39.03	- 5 32.2	2.383	3.281	8.6	21.6
3 12	12 36.51	+ 1 25.9	1.714	2.680	6.2	20.9	3 12	12 33.61	- 4 23.0	2.319	3.279	5.3	21.3
3 22	12 28.14	+ 2 8.2	1.695	2.688	2.3	20.7	3 22	12 27.16	- 3 4.8	2.284	3.277	1.8	21.1
4 1	12 19.33	+ 2 47.8	1.704	2.695	3.4	20.7	4 1	12 20.34	- 1 43.1	2.279	3.275	1.9	21.1
4 11	12 11.11	+ 3 19.1	1.740	2.702	7.5	21.0	4 11	12 13.86	- 0 24.2	2.304	3.272	5.4	21.3
4 21	12 4.35	+ 3 38.0	1.802	2.709	11.3	21.2	4 21	12 8.36	+ 0 46.4	2.357	3.269	8.7	21.5
5 1	11 59.66	+ 3 42.1	1.886	2.716	14.5	21.5	5 1	12 4.33	+ 1 44.5	2.434	3.266	11.6	21.7
<b>496641</b>	2015 <i>XU</i> <sub>179</sub>		3 26.9 23°89	1°4/28.1	18		<b>376600</b>	2013 <i>PM</i> <sub>31</sub>		3 26.9 154°68	1°3/25.5	17	
2 21	12 44.40	- 9 37.5	1.184	2.025	19.3	21.3	2 21	12 46.53	- 1 42.4	2.292	3.116	11.8	21.5
3 2	12 41.51	- 9 1.0	1.119	2.030	14.9	21.0	3 2	12 41.74	+ 0 50.6	2.216	3.123	8.7	21.3
3 12	12 35.74	- 7 58.2	1.073	2.035	9.7	20.7	3 12	12 35.28	+ 0 10.6	2.165	3.130	5.3	21.1
3 22	12 27.97	- 6 34.5	1.050	2.041	4.0	20.4	3 22	12 27.72	+ 1 16.4	2.143	3.136	1.8	20.9
4 1	12 19.50	- 4 59.4	1.051	2.047	2.8	20.4	4 1	12 19.79	+ 2 21.1	2.150	3.141	2.8	20.9
4 11	12 11.85	- 3 25.8	1.076	2.055	8.3	20.7	4 11	12 12.32	+ 3 18.9	2.187	3.147	6.3	21.2
4 21	12 6.21	- 2 5.1	1.124	2.062	13.6	21.0	4 21	12 5.98	+ 4 5.4	2.251	3.151	9.6	21.4
5 1	12 3.37	- 1 5.1	1.192	2.071	18.1	21.3	5 1	12 1.29	+ 4 37.6	2.339	3.155	12.5	21.6
<b>31511</b>	Jessicakim		3 26.9 27°63	0°4/27.2	18		<b>297455</b>	2000 <i>SZ</i> <sub>267</sub>		3 26.9 163°19	1°9/29.3	18	
2 21	12 47.77	- 4 51.9	1.437	2.275	16.7	18.5	2 21	12 45.81	-11 3.6	2.826	3.607	10.9	21.5
3 2	12 43.57	- 4 43.3	1.370	2.282	12.6	18.2	3 2	12 40.99	-10 58.1	2.737	3.611	8.5	21.4
3 12	12 36.80	- 4 19.6	1.325	2.289	7.9	18.0	3 12	12 34.74	-10 40.8	2.672	3.615	5.8	21.2
3 22	12 28.28	- 3 45.1	1.303	2.296	2.8	17.7	3 22	12 27.53	-10 13.5	2.636	3.619	3.0	21.0
4 1	12 19.19	- 3 5.8	1.308	2.304	2.6	17.7	4 1	12 19.98	- 9 38.6	2.629	3.622	2.1	20.9
4 11	12 10.82	- 2 29.1	1.339	2.313	7.6	18.0	4 11	12 12.75	- 9 0.1	2.652	3.625	4.5	21.1
4 21	12 4.25	- 2 1.3	1.393	2.322	12.2	18.3	4 21	12 6.43	- 8 22.0	2.703	3.627	7.3	21.3
5 1	12 0.18	- 1 46.9	1.469	2.332	16.2	18.5	5 1	12 1.49	- 7 48.0	2.781	3.629	9.8	21.5
<b>436712</b>	2011 <i>UM</i> <sub>57</sub>		3 26.9 222°38	0°9/25.7	17		<b>376205</b>	2011 <i>DV</i> <sub>9</sub>		3 26.9 351°01	1°1/27.9	17	
2 21	12 44.23	- 1 23.7	2.836	3.655	9.9	22.2	2 21	12 45.04	- 7 14.2	1.530	2.361	16.2	20.6
3 2	12 39.82	- 0 47.2	2.742	3.647	7.3	22.0	3 2	12 41.53	- 7 3.5	1.450	2.357	12.4	20.3
3 12	12 34.03	- 0 3.4	2.675	3.638	4.5	21.8	3 12	12 35.59	- 6 35.5	1.392	2.353	8.0	20.0
3 22	12 27.28	+ 0 44.4	2.636	3.629	1.5	21.6	3 22	12 27.93	- 5 53.7	1.359	2.350	3.2	19.7
4 1	12 20.18	+ 1 32.2	2.628	3.620	2.3	21.6	4 1	12 19.58	- 5 3.6	1.351	2.348	2.4	19.7
4 11	12 13.35	+ 2 15.7	2.650	3.610	5.3	21.8	4 11	12 11.79	- 4 13.0	1.369	2.346	7.2	20.0
4 21	12 7.36	+ 2 51.3	2.699	3.600	8.2	22.0	4 21	12 5.59	- 3 29.2	1.412	2.345	11.8	20.2
5 1	12 2.70	+ 3 16.4	2.773	3.590	10.7	22.2	5 1	12 1.74	- 2 58.0	1.476	2.344	15.8	20.5
<b>433665</b>	2014 <i>CB</i> <sub>22</sub>		3 26.9 334°66	8°1/15.1	18		<b>426599</b>	2013 <i>SW</i> <sub>37</sub>		3 26.9 129°01	1°6/25.1	18	
2 21	12 41.84	+18 11.1	2.068	2.923	11.6	20.1	2 21	12 46.75	- 0 29.9	2.240	3.067	11.9	21.6
3 2	12 38.59	+20 26.4	2.011	2.918	9.5	20.0	3 2	12 41.90	+ 0 23.2	2.171	3.080	8.7	21.4
3 12	12 33.50	+22 37.5	1.981	2.913	8.2	19.9	3 12	12 35.37	+ 1 24.7	2.127	3.093	5.3	21.2
3 22	12 27.14	+24 34.3	1.978	2.908	8.6	19.9	3 22	12 27.76	+ 2 29.4	2.112	3.105	2.0	21.0
4 1	12 20.33	+26 8.1	2.001	2.903	10.2	20.0	4 1	12 19.82	+ 3 31.5	2.127	3.116	3.1	21.1
4 11	12 13.95	+27 13.3	2.049	2.899	12.5	20.1	4 11	12 12.39	+ 4 25.4	2.170	3.127	6.6	21.4
4 21	12 8.78	+27 48.4	2.118	2.895	14.8	20.3	4 21	12 6.13	+ 5 6.8	2.241	3.138	9.8	21.6
5 1	12 5.39	+27 54.7	2.204	2.891	16.8	20.4	5 1	1					

EPHEMERIDES

3 26.9

3 26.9

2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$	2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$
<b>30369</b>	2000 <i>JU</i> <sub>58</sub>	3 26.9 294°04			1.7°/28.6 18		<b>309683</b>	2008 <i>ET</i> <sub>147</sub>	3 26.9 351°99			0°3/26.7 17	
2 21	12 44.06	-10 41.5	1.690	2.505	15.6	18.2	2 21	12 47.43	- 4 1.4	1.578	2.414	15.6	20.9
3 2	12 40.73	-10 5.5	1.594	2.490	12.2	17.9	3 2	12 43.22	- 3 37.2	1.501	2.412	11.8	20.6
3 12	12 35.10	- 9 7.7	1.520	2.475	8.1	17.6	3 12	12 36.60	- 2 58.8	1.447	2.411	7.3	20.3
3 22	12 27.78	- 7 50.9	1.471	2.460	3.7	17.3	3 22	12 28.28	- 2 10.6	1.417	2.411	2.4	20.0
4 1	12 19.72	- 6 21.4	1.448	2.445	2.4	17.2	4 1	12 19.33	- 1 19.3	1.414	2.410	2.7	20.0
4 11	12 12.05	- 4 48.4	1.453	2.430	6.9	17.5	4 11	12 10.97	- 0 32.4	1.438	2.410	7.6	20.3
4 21	12 5.78	- 3 21.4	1.484	2.415	11.5	17.7	4 21	12 4.21	+ 0 3.9	1.487	2.409	12.1	20.6
5 1	12 1.70	- 2 8.4	1.537	2.401	15.5	17.9	5 1	11 59.80	+ 0 25.0	1.557	2.409	15.9	20.8
<b>94710</b>	2001 <i>XS</i> <sub>58</sub>	3 26.9 108°93			2°9/24.5 18		<b>427211</b>	2014 <i>WA</i> <sub>3</sub>	3 26.9 107°88			7°6/19.8 18	
2 21	12 50.38	+ 1 21.8	1.541	2.385	15.4	20.2	2 21	12 52.00	+16 50.6	1.839	2.683	13.3	21.7
3 2	12 45.26	+ 2 20.8	1.481	2.399	11.4	20.0	3 2	12 46.11	+18 2.1	1.792	2.698	10.5	21.6
3 12	12 37.71	+ 3 29.4	1.445	2.412	7.0	19.7	3 12	12 38.06	+19 6.9	1.770	2.712	8.3	21.5
3 22	12 28.58	+ 4 40.1	1.434	2.425	3.2	19.5	3 22	12 28.68	+19 56.8	1.773	2.726	7.6	21.5
4 1	12 19.01	+ 5 44.0	1.451	2.438	4.8	19.7	4 1	12 19.01	+20 25.0	1.804	2.739	9.1	21.6
4 11	12 10.24	+ 6 33.5	1.494	2.450	9.1	19.9	4 11	12 10.13	+20 28.2	1.860	2.752	11.5	21.8
4 21	12 3.24	+ 7 3.9	1.562	2.462	13.1	20.2	4 21	12 2.91	+20 6.8	1.938	2.765	14.2	21.9
5 1	11 58.66	+ 7 13.6	1.651	2.473	16.6	20.4	5 1	11 57.90	+19 23.4	2.036	2.778	16.5	22.1
<b>399587</b>	2003 <i>TW</i> <sub>9</sub>	3 26.9 135°54			9°1/ 7.2 18		<b>284145</b>	2005 <i>WF</i> <sub>58</sub>	3 26.9 222°97			4°5/22.9 18	
2 21	12 54.98	-34 2.9	2.432	3.061	16.1	21.9	2 21	12 51.38	+ 5 59.6	1.764	2.606	13.9	21.2
3 2	12 48.39	-34 50.6	2.351	3.080	14.3	21.8	3 2	12 46.06	+ 7 7.5	1.681	2.596	10.4	21.0
3 12	12 39.58	-35 13.3	2.288	3.099	12.4	21.7	3 12	12 38.33	+ 8 21.9	1.622	2.585	6.8	20.7
3 22	12 29.23	-35 7.8	2.246	3.116	10.6	21.6	3 22	12 28.87	+ 9 35.0	1.590	2.574	4.5	20.6
4 1	12 18.32	-34 33.6	2.230	3.132	9.3	21.5	4 1	12 18.72	+10 37.9	1.586	2.561	6.3	20.6
4 11	12 7.95	-33 34.0	2.239	3.147	9.2	21.6	4 11	12 9.06	+11 23.4	1.610	2.547	10.0	20.8
4 21	11 59.07	-32 15.6	2.275	3.161	10.2	21.6	4 21	12 0.91	+11 47.2	1.658	2.533	13.8	21.0
5 1	11 52.35	-30 46.8	2.336	3.174	11.8	21.8	5 1	11 55.06	+11 48.3	1.726	2.518	17.2	21.2
<b>366972</b>	2005 <i>WP</i> <sub>120</sub>	3 26.9 169°03			4°9/ 2.4 16		<b>30467</b>	2000 <i>OV</i> <sub>14</sub>	3 26.9 193°22			3°2/30.6 18 R	
2 21	12 48.20	-22 34.1	2.684	3.400	13.0	21.9	2 21	12 46.14	-14 37.3	2.443	3.214	12.7	18.5
3 2	12 42.95	-22 33.7	2.589	3.406	10.8	21.7	3 2	12 41.54	-14 42.8	2.350	3.213	10.2	18.3
3 12	12 36.04	-22 14.3	2.516	3.411	8.5	21.6	3 12	12 35.25	-14 33.0	2.281	3.213	7.3	18.2
3 22	12 28.01	-21 35.7	2.469	3.415	6.2	21.4	3 22	12 27.78	-14 8.7	2.238	3.212	4.5	18.0
4 1	12 19.55	-20 40.0	2.450	3.418	4.9	21.3	4 1	12 19.85	-13 32.4	2.223	3.211	3.3	17.9
4 11	12 11.48	-19 31.6	2.461	3.421	5.7	21.4	4 11	12 12.26	-12 48.4	2.237	3.209	5.2	18.0
4 21	12 4.46	-18 16.2	2.500	3.422	7.8	21.5	4 21	12 5.73	-12 1.8	2.279	3.208	8.1	18.2
5 1	11 59.04	-17 0.2	2.566	3.423	10.2	21.7	5 1	12 0.81	-11 17.7	2.346	3.206	11.0	18.4
<b>169145</b>	2001 <i>QH</i> <sub>121</sub>	3 26.9 141°83			1°7/28.8 17		<b>304453</b>	2006 <i>UZ</i> <sub>14</sub>	3 26.9 246°25			1°1/28.4 17	
2 21	12 47.80	- 9 22.4	2.477	3.268	12.0	20.4	2 21	12 43.69	- 9 24.3	2.587	3.384	11.4	21.8
3 2	12 42.64	- 9 22.5	2.393	3.275	9.3	20.2	3 2	12 39.64	- 8 51.7	2.485	3.372	8.8	21.6
3 12	12 35.84	- 9 10.7	2.333	3.281	6.2	20.0	3 12	12 34.04	- 8 5.6	2.408	3.359	5.8	21.4
3 22	12 27.94	- 8 48.8	2.301	3.287	3.0	19.8	3 22	12 27.37	- 7 8.6	2.358	3.347	2.5	21.2
4 1	12 19.64	- 8 19.7	2.298	3.293	2.0	19.7	4 1	12 20.25	- 6 4.5	2.338	3.334	1.7	21.1
4 11	12 11.75	- 7 47.6	2.326	3.298	5.0	19.9	4 11	12 13.41	- 4 58.7	2.347	3.320	4.9	21.3
4 21	12 4.93	- 7 16.7	2.381	3.304	8.1	20.1	4 21	12 7.48	- 3 56.6	2.385	3.307	8.2	21.5
5 1	11 59.71	- 6 50.9	2.461	3.309	10.9	20.3	5 1	12 2.99	- 3 2.6	2.448	3.293	11.1	21.6
<b>249246</b>	2008 <i>RS</i> <sub>4</sub>	3 26.9 54°24			0°5/27.7 17		<b>181815</b>	1998 <i>RX</i> <sub>43</sub>	3 26.9 202°23			1°3/28.3 16	
2 21	12 42.14	- 6 23.5	2.905	3.712	10.0	21.2	2 21	12 50.83	- 8 12.8	2.272	3.067	12.8	21.4
3 2	12 38.19	- 6 4.0	2.827	3.721	7.6	21.1	3 2	12 45.16	- 8 4.9	2.177	3.062	9.9	21.2
3 12	12 32.98	- 5 35.5	2.774	3.731	4.8	20.9	3 12	12 37.55	- 7 44.2	2.105	3.057	6.5	20.9
3 22	12 26.95	- 5 0.4	2.749	3.740	1.8	20.7	3 22	12 28.57	- 7 12.8	2.061	3.050	2.8	20.7
4 1	12 20.67	- 4 22.1	2.754	3.750	1.4	20.7	4 1	12 19.04	- 6 34.2	2.047	3.043	2.0	20.6
4 11	12 14.71	- 3 44.2	2.789	3.760	4.4	20.9	4 11	12 9.87	- 5 53.4	2.063	3.035	5.6	20.8
4 21	12 9.59	- 3 10.4	2.851	3.770	7.1	21.1	4 21	12 1.88	- 5 15.4	2.107	3.026	9.2	21.0
5 1	12 5.71	- 2 43.4	2.939	3.780	9.5	21.3	5 1	11 55.71	- 4 44.7	2.176	3.017	12.4	21.2
<b>152421</b>	2005 <i>UK</i> <sub>384</sub>	3 26.9 196°24			4°8/21.0 17		<b>453296</b>	2008 <i>UY</i> <sub>96</sub>	3 26.9 186°68			2°2/24.9 18	
2 21	12 45.93	+ 7 57.9	2.149	2.995	11.6	20.6	2 21	12 50.85	+ 0 6.1	1.793	2.625	14.1	22.1
3 2	12 41.49	+ 9 33.1	2.076	2.993	8.7	20.4	3 2	12 45.51	+ 1 0.3	1.714	2.626	10.5	21.8
3 12	12 35.25	+11 12.4	2.030	2.990	6.0	20.2	3 12	12 37.89	+ 2 5.3	1.659	2.625	6.4	21.6
3 22	12 27.76	+12 48.0	2.012	2.987	4.8	20.1	3 22	12 28.70	+ 3 14.7	1.632	2.624	2.6	21.3
4 1	12 19.84	+14 11.9	2.023	2.983	6.4	20.2	4 1	12 18.93	+ 4 21.1	1.633	2.621	4.0	21.4
4 11	12 12.34	+15 17.6	2.061	2.979	9.3	20.4	4 11	12 9.72	+ 5 16.8	1.662	2.619	8.2	21.7
4 21	12 6.04	+16 1.6	2.125	2.974	12.3	20.5	4 21	12 2.02	+ 5 56.6	1.717	2.615	12.2	21.9
5 1	12 1.49	+16 23.1	2.209	2.969	14.8	20.7	5 1	11 56.52	+ 6 17.7	1.793	2.610	15.7	22.1
<b>423731</b>	2006 <i>BZ</i> <sub>175</sub>	3 26.9 267°76			0°1/26.9 17		<b>455614</b>	2004 <i>TQ</i> <sub>273</sub>	3 26.9 135°31			1°1/25.9 18	
2 21	12 47.75	- 4 12.7	1.958	2.780	13.5	21.4	2 21	12 53.00	- 1 40.8	1.955	2.775	13.6	22.3
3 2	12 43.11	- 3 57.5	1.868	2.772	10.3	21.1	3 2	12 46.76	- 1 8.0	1.888	2.791	10.2	22.1
3 12	12 36.39	- 3 30.7	1.801	2.763	6.4	20.9	3 12	12 38.47	- 0 25.6	1.844	2.807	6.2	21.9
3 22	12 28.19	- 2 55.6	1.761	2.754	2.2	20.6	3 22	12 28.84	+ 0 21.7	1.829	2.822	2.1	21.6
4 1	12 19.39	- 2 16.9	1.750	2.745	2.2	20.6	4 1	12 18.84	+ 1 8.1	1.844	2.836	2.9	21.7
4 11	12 10.99	- 1 40.3	1.766	2.737	6.5	20.8	4 11	12 9.50	+ 1 47.9	1.887	2.850	6.9	22.0
4 21	12 3.88	- 1 11.0	1.809	2.728	10.5	21.0	4 21	12 1.66	+ 2 16.6	1.958	2.862	10.6	22.2
5 1	11 58.75	- 0 52.8	1.875	2.719	14.0	21.2	5 1	11 55.91	+ 2 31.8	2.051	2.873	13.8	22.4
<b>503937</b>	2003 <i>SO</i> <sub>323</sub>	3 26.9 199°91			0°6/27.7 17		<b>57287</b>	2001 <i>QC</i> <sub>163</sub>	3 26.9 110°92			1°0/27.9 18	
2 21	12 46.67	- 6 58.7	2.554	3.355	11.4	22.8	2 21	12 50.12	- 7 22.8	1.983			

EPHEMERIDES

3 26.9

3 26.9

2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$	2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$
<b>193106</b>	2001 <i>KV</i> <sub>17</sub>		3 26.9 316 <sup>o</sup> 54		7.6/20.2 18		<b>193106</b>	2001 <i>CX</i> <sub>32</sub>		3 26.9 22 <sup>o</sup> .41		8.6/19.8 18	
2 21	12 46.46	+11 45.9	1.411	2.278	15.3	19.2	2 21	12 50.00	+17 58.1	1.584	2.439	14.6	19.0
3 2	12 42.86	+13 12.2	1.340	2.264	11.8	18.9	3 2	12 45.00	+19 0.5	1.534	2.444	11.6	18.8
3 12	12 36.55	+14 40.3	1.292	2.251	8.7	18.7	3 12	12 37.57	+19 54.6	1.506	2.450	9.3	18.7
3 22	12 28.31	+15 58.8	1.267	2.238	7.7	18.6	3 22	12 28.58	+20 31.2	1.503	2.456	8.7	18.6
4 1	12 19.30	+16 56.7	1.268	2.225	9.8	18.7	4 1	12 19.19	+20 43.1	1.525	2.463	10.2	18.7
4 11	12 10.91	+17 25.9	1.292	2.214	13.4	18.9	4 11	12 10.66	+20 27.1	1.571	2.471	12.9	18.9
4 21	12 4.30	+17 23.8	1.337	2.202	17.1	19.0	4 21	12 3.93	+19 44.3	1.638	2.479	15.7	19.1
5 1	12 0.28	+16 51.7	1.399	2.191	20.5	19.2	5 1	11 59.63	+18 38.2	1.724	2.487	18.3	19.3
<b>474118</b>	2016 <i>LP</i> <sub>50</sub>		3 26.9 358 <sup>o</sup> 19		2 <sup>o</sup> 0/28.9 17		<b>423231</b>	2004 <i>RU</i> <sub>346</sub>		3 26.9 115 <sup>o</sup> 25		4 <sup>o</sup> 8/ 1.5 18	
2 21	12 40.91	-11 42.7	1.447	2.273	17.2	20.6	2 21	12 50.97	-20 8.8	2.510	3.240	13.4	22.2
3 2	12 38.55	-11 4.2	1.369	2.270	13.4	20.3	3 2	12 45.00	-20 27.4	2.434	3.263	11.1	22.1
3 12	12 33.79	-10 0.4	1.312	2.268	9.0	20.1	3 12	12 37.30	-20 28.2	2.381	3.285	8.5	21.9
3 22	12 27.36	-8 35.3	1.278	2.266	4.2	19.8	3 22	12 28.46	-20 11.0	2.354	3.306	6.0	21.8
4 1	12 20.28	-6 56.6	1.270	2.266	2.6	19.7	4 1	12 19.27	-19 37.8	2.355	3.327	4.8	21.8
4 11	12 13.78	-5 15.5	1.288	2.267	7.2	20.0	4 11	12 10.58	-18 52.7	2.386	3.347	5.8	21.9
4 21	12 8.88	-3 42.5	1.330	2.268	11.9	20.2	4 21	12 3.09	-18 1.1	2.445	3.366	8.0	22.0
5 1	12 6.29	-2 26.3	1.393	2.271	16.0	20.5	5 1	11 57.35	-17 8.8	2.529	3.385	10.4	22.2
<b>208047</b>	1999 <i>TJ</i> <sub>112</sub>		3 26.9 250 <sup>o</sup> 08		0 <sup>o</sup> 7/27.6 17		<b>349017</b>	2006 <i>UA</i> <sub>331</sub>		3 26.9 146 <sup>o</sup> 62		4 <sup>o</sup> 4/21.1 17	
2 21	12 49.26	-7 1.6	1.879	2.692	14.4	21.1	2 21	12 44.52	+10 28.1	2.542	3.386	10.1	21.0
3 2	12 44.47	-6 38.7	1.778	2.675	11.1	20.9	3 2	12 40.14	+11 35.6	2.477	3.390	7.6	20.9
3 12	12 37.38	-6 0.1	1.699	2.657	7.1	20.6	3 12	12 34.28	+12 43.3	2.438	3.394	5.4	20.7
3 22	12 28.58	-5 8.6	1.647	2.638	2.7	20.3	3 22	12 27.44	+13 45.4	2.427	3.399	4.5	20.7
4 1	12 19.00	-4 9.5	1.623	2.619	2.2	20.2	4 1	12 20.30	+14 36.6	2.446	3.403	5.7	20.8
4 11	12 9.72	-3 9.7	1.627	2.599	6.8	20.4	4 11	12 13.57	+15 12.7	2.492	3.406	8.1	20.9
4 21	12 1.78	-2 16.2	1.658	2.579	11.2	20.6	4 21	12 7.84	+15 31.6	2.563	3.410	10.5	21.1
5 1	11 55.96	-1 34.6	1.712	2.558	15.0	20.8	5 1	12 3.60	+15 33.0	2.656	3.413	12.7	21.2
<b>208924</b>	2002 <i>UB</i> <sub>32</sub>		3 26.9 145 <sup>o</sup> 63		2 <sup>o</sup> 1/29.1 17		<b>154673</b>	2004 <i>GV</i> <sub>12</sub>		3 26.9 248 <sup>o</sup> 41		3 <sup>o</sup> 5/23.8 17	
2 21	12 48.19	-10 12.6	2.362	3.152	12.5	20.4	2 21	12 50.27	+2 40.1	1.678	2.520	14.5	20.1
3 2	12 43.05	-10 17.9	2.276	3.156	9.8	20.2	3 2	12 45.45	+3 45.4	1.586	2.502	10.9	19.9
3 12	12 36.16	-10 10.4	2.215	3.161	6.6	20.0	3 12	12 38.10	+5 1.7	1.517	2.484	6.8	19.6
3 22	12 28.08	-9 51.7	2.180	3.165	3.4	19.8	3 22	12 28.87	+6 21.8	1.475	2.464	3.7	19.3
4 1	12 19.57	-9 24.6	2.175	3.169	2.3	19.8	4 1	12 18.79	+7 36.3	1.461	2.444	5.5	19.4
4 11	12 11.46	-8 53.2	2.199	3.172	5.2	19.9	4 11	12 9.09	+8 36.5	1.474	2.423	9.8	19.6
4 21	12 4.47	-8 22.1	2.251	3.176	8.4	20.2	4 21	12 0.91	+9 16.4	1.511	2.401	14.1	19.8
5 1	11 59.18	-7 55.6	2.328	3.179	11.4	20.3	5 1	11 55.10	+9 33.1	1.569	2.379	17.8	20.0
<b>219806</b>	2002 <i>AZ</i> <sub>163</sub>		3 26.9 114 <sup>o</sup> 28		1 <sup>o</sup> 1/28.1 18		<b>204299</b>	2004 <i>PM</i> <sub>72</sub>		3 26.9 166 <sup>o</sup> 97		3 <sup>o</sup> 7/23.2 18	
2 21	12 48.19	-8 25.8	2.124	2.927	13.3	21.1	2 21	12 50.51	+4 26.4	1.935	2.772	13.0	21.2
3 2	12 43.08	-8 0.0	2.053	2.944	10.2	21.0	3 2	12 45.04	+5 39.5	1.864	2.778	9.7	21.0
3 12	12 36.16	-7 20.2	2.006	2.960	6.5	20.8	3 12	12 37.49	+6 58.9	1.819	2.784	6.1	20.8
3 22	12 28.06	-6 29.5	1.987	2.977	2.7	20.5	3 22	12 28.56	+8 17.4	1.802	2.788	3.8	20.7
4 1	12 19.63	-5 33.1	1.996	2.992	1.9	20.5	4 1	12 19.19	+9 27.1	1.815	2.791	5.4	20.8
4 11	12 11.74	-4 36.8	2.035	3.007	5.6	20.8	4 11	12 10.38	+10 21.3	1.855	2.794	8.8	21.0
4 21	12 5.14	-3 46.1	2.101	3.022	9.1	21.0	4 21	12 3.01	+10 56.1	1.920	2.796	12.2	21.2
5 1	12 0.36	-3 5.4	2.191	3.036	12.2	21.2	5 1	11 57.68	+11 10.4	2.008	2.797	15.2	21.4
<b>480152</b>	2015 <i>FO</i> <sub>284</sub>		3 26.9 275 <sup>o</sup> 48		4 <sup>o</sup> 8/21.1 16		<b>290160</b>	2005 <i>RK</i> <sub>1</sub>		3 26.9 197 <sup>o</sup> 02		1 <sup>o</sup> 1/25.8 17	
2 21	12 46.75	+11 3.7	2.408	3.249	10.7	21.8	2 21	12 48.70	-1 35.9	2.250	3.071	12.0	22.2
3 2	12 42.08	+12 2.8	2.312	3.224	8.2	21.6	3 2	12 43.52	-0 58.1	2.163	3.068	9.0	22.0
3 12	12 35.65	+13 3.0	2.243	3.199	5.8	21.4	3 12	12 36.50	-0 11.1	2.101	3.064	5.5	21.8
3 22	12 27.94	+13 58.3	2.202	3.173	4.8	21.3	3 22	12 28.24	+0 41.2	2.067	3.060	1.9	21.5
4 1	12 19.69	+14 42.7	2.190	3.147	6.2	21.4	4 1	12 19.49	+1 33.3	2.063	3.055	2.7	21.6
4 11	12 11.70	+15 11.2	2.205	3.121	8.9	21.5	4 11	12 11.15	+2 19.7	2.088	3.050	6.4	21.8
4 21	12 4.74	+15 21.4	2.245	3.094	11.7	21.6	4 21	12 3.97	+2 56.0	2.141	3.043	9.9	22.0
5 1	11 59.42	+15 12.4	2.307	3.067	14.3	21.8	5 1	11 58.53	+3 19.1	2.217	3.036	13.0	22.2
<b>95134</b>	2002 <i>AN</i> <sub>156</sub>		3 26.9 278 <sup>o</sup> 76		6 <sup>o</sup> 9/ 2.5 18		<b>425959</b>	2011 <i>HC</i> <sub>16</sub>		3 26.9 357 <sup>o</sup> 50		0 <sup>o</sup> 4/27.4 17	
2 21	12 47.21	-22 30.2	1.920	2.664	16.6	20.0	2 21	12 47.42	-5 5.8	1.791	2.616	14.5	21.3
3 2	12 43.07	-23 1.3	1.818	2.650	14.1	19.8	3 2	12 42.97	-4 56.4	1.711	2.615	11.0	21.0
3 12	12 36.59	-23 9.2	1.736	2.636	11.3	19.6	3 12	12 36.35	-4 34.2	1.654	2.615	6.9	20.8
3 22	12 28.35	-22 51.5	1.676	2.623	8.5	19.4	3 22	12 28.22	-4 2.5	1.622	2.614	2.5	20.5
4 1	12 19.27	-22 8.8	1.642	2.609	7.0	19.3	4 1	12 19.52	-3 26.1	1.618	2.614	2.2	20.5
4 11	12 10.50	-21 5.5	1.634	2.595	7.9	19.3	4 11	12 11.32	-2 51.1	1.641	2.614	6.7	20.8
4 21	12 3.10	-19 49.3	1.651	2.581	10.6	19.4	4 21	12 4.56	-2 22.8	1.690	2.615	10.8	21.0
5 1	11 57.88	-18 29.2	1.692	2.567	13.8	19.6	5 1	11 59.90	-2 5.5	1.762	2.615	14.4	21.2
<b>213560</b>	2002 <i>LJ</i> <sub>28</sub>		3 26.9 259 <sup>o</sup> 15		0 <sup>o</sup> 9/27.8 17		<b>383312</b>	2006 <i>HN</i> <sub>67</sub>		3 26.9 236 <sup>o</sup> 83		2 <sup>o</sup> 3/24.7 17	
2 21	12 48.19	-8 8.8	1.893	2.704	14.4	21.2	2 21	12 47.74	+2 31.6	2.087	2.923	12.3	21.0
3 2	12 43.69	-7 37.7	1.787	2.682	11.1	20.9	3 2	12 42.90	+3 3.3	2.007	2.920	9.1	20.8
3 12	12 36.93	-6 49.1	1.703	2.660	7.2	20.6	3 12	12 36.16	+3 41.0	1.951	2.917	5.6	20.5
3 22	12 28.46	-5 45.7	1.646	2.637	2.9	20.3	3 22	12 28.13	+4 20.1	1.923	2.914	2.6	20.3
4 1	12 19.16	-4 33.0	1.617	2.613	2.2	20.2	4 1	12 19.62	+4 54.9	1.923	2.911	3.8	20.4
4 11	12 10.14	-3 18.6	1.616	2.589	6.8	20.4	4 11	12 11.57	+5 20.7	1.952	2.907	7.3	20.6
4 21	12 2.39	-2 10.2	1.642	2.564	11.2	20.6	4 21	12 4.76	+5 33.9	2.007	2.904	10.8	20.8
5 1	11 56.72	-1 14.4	1.691	2.539	15.1	20.8	5 1	11 59.79	+5 32.7	2.			

EPHEMERIDES

3 26.9

3 27.0

2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$	2020	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	$r$	$\beta$	$V$
<b>158480</b>	2002 <i>DN</i> <sub>8</sub>	3 26.9 109°84		3°5/23.5 18			<b>103167</b>	1999 <i>Xs</i> <sub>228</sub>	3 27.0 155°32		2°7/29.3 18		
2 21	12 52.04	+ 6 50.6	2.190	3.022	11.9	20.4	2 21	12 52.33	-11 44.3	1.707	2.503	16.3	20.0
3 2	12 45.76	+ 7 31.1	2.135	3.045	8.8	20.3	3 2	12 46.78	-11 36.8	1.628	2.511	12.8	19.8
3 12	12 37.72	+ 8 13.3	2.106	3.067	5.7	20.1	3 12	12 38.77	-11 9.8	1.571	2.518	8.7	19.6
3 22	12 28.59	+ 8 51.6	2.105	3.089	3.5	20.0	3 22	12 29.06	-10 25.1	1.540	2.524	4.5	19.3
4 1	12 19.24	+ 9 21.1	2.134	3.110	4.8	20.1	4 1	12 18.75	- 9 27.5	1.536	2.530	3.0	19.3
4 11	12 10.55	+ 9 37.8	2.192	3.131	7.7	20.3	4 11	12 9.06	- 8 24.5	1.560	2.535	6.7	19.5
4 21	12 3.23	+ 9 39.9	2.276	3.150	10.6	20.5	4 21	12 1.04	- 7 24.0	1.611	2.539	10.9	19.7
5 1	11 57.77	+ 9 27.3	2.383	3.170	13.2	20.8	5 1	11 55.40	- 6 32.7	1.685	2.543	14.7	20.0
<b>42296</b>	2001 <i>UJ</i> <sub>31</sub>	3 26.9 310°69		6°9/20.6 18			<b>85656</b>	1998 <i>QX</i> <sub>18</sub>	3 27.0 207°12		1°7/28.5 18		
2 21	12 46.45	+11 12.9	1.551	2.413	14.4	18.5	2 21	12 49.95	-10 7.9	1.761	2.566	15.5	20.0
3 2	12 42.63	+12 34.2	1.478	2.400	11.1	18.2	3 2	12 45.04	- 9 40.1	1.671	2.561	12.1	19.8
3 12	12 36.33	+13 57.5	1.427	2.387	8.1	18.0	3 12	12 37.75	- 8 52.8	1.602	2.555	8.0	19.5
3 22	12 28.26	+15 12.6	1.402	2.374	7.0	17.9	3 22	12 28.75	- 7 48.8	1.560	2.549	3.6	19.2
4 1	12 19.48	+16 9.6	1.403	2.361	8.9	18.0	4 1	12 19.04	- 6 33.8	1.546	2.541	2.4	19.1
4 11	12 11.27	+16 41.1	1.428	2.349	12.3	18.2	4 11	12 9.79	- 5 16.1	1.559	2.534	6.8	19.4
4 21	12 4.67	+16 44.2	1.474	2.338	15.9	18.4	4 21	12 2.05	- 4 3.9	1.599	2.525	11.2	19.6
5 1	12 0.47	+16 19.8	1.539	2.326	19.1	18.5	5 1	11 56.57	- 3 4.1	1.663	2.516	15.1	19.8
<b>269804</b>	1999 <i>VJ</i> <sub>84</sub>	3 26.9 273°65		1°0/27.9 17			<b>66933</b>	1999 <i>VK</i> <sub>229</sub>	3 27.0 193°62		1°8/24.6 18		
2 21	12 45.70	- 7 50.6	1.968	2.782	13.8	21.3	2 21	12 45.72	+ 0 39.3	2.715	3.539	10.1	21.1
3 2	12 41.57	- 7 27.5	1.879	2.776	10.6	21.1	3 2	12 41.00	+ 1 37.2	2.628	3.536	7.5	20.9
3 12	12 35.45	- 6 49.4	1.814	2.771	6.8	20.8	3 12	12 34.83	+ 2 42.3	2.568	3.533	4.6	20.7
3 22	12 27.92	- 5 59.2	1.774	2.765	2.8	20.5	3 22	12 27.67	+ 3 50.0	2.538	3.529	2.0	20.5
4 1	12 19.84	- 5 1.9	1.763	2.759	2.0	20.5	4 1	12 20.15	+ 4 55.4	2.538	3.524	3.1	20.6
4 11	12 12.16	- 4 4.0	1.780	2.754	6.1	20.7	4 11	12 12.95	+ 5 53.2	2.568	3.519	6.0	20.8
4 21	12 5.75	- 3 11.8	1.823	2.748	10.1	20.9	4 21	12 6.67	+ 6 39.9	2.626	3.513	8.9	20.9
5 1	12 1.24	- 2 30.4	1.890	2.742	13.5	21.2	5 1	12 1.79	+ 7 12.8	2.708	3.507	11.5	21.1
<b>500769</b>	2013 <i>CX</i> <sub>45</sub>	3 26.9 341°48		11°1/ 1.0 17			<b>225506</b>	2000 <i>QJ</i> <sub>58</sub>	3 27.0 187°76		3°9/22.2 17		
2 21	12 37.62	-16 44.5	0.866	1.714	24.1	19.8	2 21	12 46.46	+ 6 17.5	2.268	3.108	11.3	20.7
3 2	12 37.78	-18 42.9	0.784	1.686	20.6	19.4	3 2	12 41.81	+ 7 36.4	2.193	3.107	8.4	20.5
3 12	12 34.40	-20 19.3	0.718	1.660	16.6	19.1	3 12	12 35.43	+ 8 59.9	2.144	3.106	5.5	20.4
3 22	12 27.92	-21 25.2	0.668	1.636	12.9	18.8	3 22	12 27.89	+10 21.3	2.124	3.105	3.9	20.3
4 1	12 19.64	-21 54.0	0.636	1.616	11.1	18.6	4 1	12 19.93	+11 33.6	2.133	3.103	5.4	20.3
4 11	12 11.62	-21 46.6	0.622	1.598	13.0	18.5	4 11	12 12.40	+12 31.1	2.171	3.100	8.3	20.5
4 21	12 5.95	-21 11.3	0.624	1.584	17.3	18.7	4 21	12 6.00	+13 10.2	2.234	3.097	11.3	20.7
5 1	12 4.25	-20 22.3	0.641	1.573	22.1	18.9	5 1	12 1.28	+13 29.7	2.319	3.093	13.8	20.9
<b>505180</b>	2012 <i>TQ</i> <sub>87</sub>	3 26.9 258°79		0°8/27.9 17			<b>98844</b>	2001 <i>AP</i> <sub>27</sub>	3 27.0 54°58		0°5/27.4 18		
2 21	12 44.40	- 8 20.7	2.218	3.026	12.6	21.8	2 21	12 49.94	- 4 36.7	1.769	2.592	14.7	19.3
3 2	12 40.43	- 7 44.7	2.121	3.014	9.7	21.6	3 2	12 44.79	- 4 38.5	1.698	2.601	11.2	19.1
3 12	12 34.67	- 6 53.7	2.047	3.002	6.3	21.3	3 12	12 37.43	- 4 28.7	1.650	2.610	7.0	18.9
3 22	12 27.65	- 5 50.7	2.000	2.990	2.5	21.1	3 22	12 28.59	- 4 10.2	1.628	2.620	2.6	18.6
4 1	12 20.11	- 4 40.8	1.982	2.978	1.8	21.0	4 1	12 19.26	- 3 47.5	1.634	2.630	2.2	18.6
4 11	12 12.89	- 3 30.3	1.993	2.966	5.7	21.2	4 11	12 10.55	- 3 25.7	1.667	2.640	6.6	18.9
4 21	12 6.75	- 2 25.3	2.031	2.953	9.4	21.4	4 21	12 3.38	- 3 9.7	1.726	2.650	10.6	19.2
5 1	12 2.29	- 1 31.2	2.094	2.940	12.6	21.6	5 1	11 58.39	- 3 3.1	1.809	2.660	14.1	19.4
<b>218740</b>	2005 <i>UC</i> <sub>444</sub>	3 26.9 198°82		0°2/26.8 18			<b>114135</b>	2002 <i>VM</i> <sub>56</sub>	3 27.0 122°80		0°4/27.4 18		
2 21	12 49.26	- 3 59.4	2.441	3.249	11.6	21.2	2 21	12 43.95	- 7 17.0	2.280	3.091	12.2	20.1
3 2	12 43.83	- 3 35.8	2.348	3.245	8.8	21.0	3 2	12 39.91	- 6 31.7	2.200	3.097	9.3	19.9
3 12	12 36.66	- 3 2.6	2.281	3.241	5.4	20.8	3 12	12 34.24	- 5 32.8	2.144	3.102	5.8	19.7
3 22	12 28.30	- 2 22.7	2.243	3.235	1.8	20.5	3 22	12 27.48	- 4 24.3	2.116	3.108	2.1	19.4
4 1	12 19.48	- 1 40.4	2.234	3.229	2.0	20.5	4 1	12 20.36	- 3 11.5	2.117	3.113	1.8	19.4
4 11	12 11.01	- 1 0.4	2.256	3.222	5.6	20.8	4 11	12 13.65	- 2 0.8	2.147	3.118	5.5	19.7
4 21	12 3.62	- 0 27.0	2.305	3.215	9.0	21.0	4 21	12 8.03	- 0 57.6	2.205	3.123	8.9	19.9
5 1	11 57.86	- 0 3.4	2.380	3.207	12.0	21.1	5 1	12 4.01	- 0 6.4	2.287	3.128	11.9	20.1
<b>36363</b>	2000 <i>OB</i> <sub>5</sub>	3 26.9 217°64		1°8/28.8 18			<b>18041</b>	1999 <i>RX</i> <sub>13</sub>	3 27.0 20°71		1°6/25.4 18		
2 21	12 48.27	-10 57.3	1.789	2.593	15.4	19.2	2 21	12 44.48	- 0 5.0	2.040	2.878	12.5	17.2
3 2	12 43.75	-10 26.7	1.697	2.586	12.0	18.9	3 2	12 40.47	+ 0 29.3	1.968	2.881	9.2	17.0
3 12	12 36.94	- 9 35.8	1.628	2.579	8.0	18.7	3 12	12 34.65	+ 1 11.9	1.919	2.886	5.6	16.8
3 22	12 28.47	- 8 27.4	1.584	2.571	3.7	18.4	3 22	12 27.64	+ 1 57.9	1.898	2.890	2.1	16.5
4 1	12 19.31	- 7 7.1	1.568	2.563	2.4	18.3	4 1	12 20.23	+ 2 42.0	1.904	2.895	3.1	16.6
4 11	12 10.59	- 5 43.4	1.580	2.555	6.6	18.5	4 11	12 13.30	+ 3 18.5	1.939	2.901	6.8	16.9
4 21	12 3.32	- 4 24.8	1.618	2.545	11.0	18.8	4 21	12 7.58	+ 3 43.6	1.999	2.906	10.3	17.1
5 1	11 58.23	- 3 18.3	1.680	2.536	14.8	19.0	5 1	12 3.63	+ 3 54.8	2.082	2.912	13.3	17.3
<b>352672</b>	2008 <i>RK</i> <sub>99</sub>	3 26.9 318°01		0°3/27.2 18			<b>348851</b>	2006 <i>SP</i> <sub>79</sub>	3 27.0 142°66		3°8/ 1.8 18		
2 21	12 50.57	- 4 47.2	1.332	2.170	17.7	21.2	2 21	12 44.49	-20 34.5	2.956	3.686	11.6	21.2
3 2	12 46.07	- 4 37.7	1.257	2.168	13.5	21.0	3 2	12 40.03	-20 19.6	2.867	3.696	9.6	21.1
3 12	12 38.63	- 4 11.7	1.202	2.166	8.6	20.7	3 12	12 34.19	-19 47.9	2.800	3.706	7.3	20.9
3 22	12 29.08	- 3 33.4	1.171	2.164	3.0	20.3	3 22	12 27.45	-19 0.3	2.760	3.716	5.0	20.8
4 1	12 18.70	- 2 49.4	1.166	2.163	2.8	20.3	4 1	12 20.41	-17 59.4	2.749	3.725	3.8	20.7
4 11	12 9.01	- 2 8.1	1.187	2.161	8.4	20.6	4 11	12 13.73	-16 49.4	2.767	3.733	4.8	20.8
4 21	12 1.28	- 1 36.7	1.231	2.159	13.5	20.9	4 21	12 7.94	-15 35.5	2.815	3.741	6.9	20.9
5 1	11 56.38	- 1 20.5	1.295	2.158	17.9	21.2	5 1	12 3.51	-14 23.0	2.889	3.749	9.1	21.1
<b>51078</b>	2000 <i>GZ</i> <sub>163</sub>	3 26.9 114°42		5°4/20.7 18			<b>40625</b>	1999 <i>RJ</i> <sub>172</sub>	3 27.0 145°63		0°9/26.1 18		
2 21	12 47.46												