



NGC 3162

NGC 3301

NGC 3193

NGC 3185

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5 Apr

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NGC 3226

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NGC 3507

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NGC 3370

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1 Mar

Hebe

Leo

NGC 3239

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NGC 3485

NGC 3346

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NGC 3377

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NGC 3367

NGC 3338

NGC 3412

Ephemeride des Kleinplaneten (6) Hebe

Datum	RA	Deklination	r	delta	mag	Elong	Phase	Höhe	Az.	Gesch.	PA
1 Jan 2012	11h15m28.00s	+07 42' 28.9"	2.6660	2.1232	10.4	113.0	19.8	27.03	114.17	13.57	47.8 Leo
2 Jan 2012	11h15m44.28s	+07 46' 11.6"	2.6677	2.1121	10.3	114.0	19.7	27.60	114.97	13.27	43.6 Leo
3 Jan 2012	11h15m59.11s	+07 50' 06.3"	2.6695	2.1011	10.3	115.0	19.5	28.17	115.79	13.04	39.2 Leo
4 Jan 2012	11h16m12.48s	+07 54' 13.0"	2.6713	2.0902	10.3	116.0	19.3	28.74	116.61	12.89	34.6 Leo
5 Jan 2012	11h16m24.38s	+07 58' 31.7"	2.6730	2.0794	10.3	117.0	19.1	29.31	117.45	12.82	29.9 Leo
6 Jan 2012	11h16m34.80s	+08 03' 02.5"	2.6747	2.0686	10.3	118.0	18.9	29.89	118.30	12.83	25.2 Leo
7 Jan 2012	11h16m43.72s	+08 07' 45.4"	2.6765	2.0580	10.3	119.0	18.7	30.47	119.16	12.93	20.5 Leo
8 Jan 2012	11h16m51.14s	+08 12' 40.4"	2.6782	2.0476	10.3	120.0	18.5	31.05	120.03	13.12	15.8 Leo
9 Jan 2012	11h16m57.04s	+08 17' 47.6"	2.6800	2.0372	10.2	121.0	18.3	31.63	120.92	13.39	11.3 Leo
10 Jan 2012	11h17m01.42s	+08 23' 06.9"	2.6817	2.0270	10.2	122.1	18.1	32.21	121.82	13.74	7.0 Leo
11 Jan 2012	11h17m04.27s	+08 28' 38.5"	2.6834	2.0168	10.2	123.1	17.9	32.80	122.73	14.16	2.9 Leo
12 Jan 2012	11h17m05.57s	+08 34' 22.1"	2.6851	2.0068	10.2	124.1	17.6	33.39	123.66	14.65	359.0 Leo
13 Jan 2012	11h17m05.32s	+08 40' 18.0"	2.6868	1.9970	10.2	125.2	17.4	33.97	124.60	15.20	355.4 Leo
14 Jan 2012	11h17m03.52s	+08 46' 26.0"	2.6885	1.9873	10.2	126.2	17.2	34.56	125.56	15.81	352.0 Leo
15 Jan 2012	11h17m00.14s	+08 52' 46.0"	2.6902	1.9777	10.1	127.3	16.9	35.15	126.53	16.47	348.9 Leo
16 Jan 2012	11h16m55.19s	+08 59' 18.1"	2.6919	1.9683	10.1	128.4	16.6	35.74	127.53	17.17	346.0 Leo
17 Jan 2012	11h16m48.66s	+09 06' 02.1"	2.6936	1.9591	10.1	129.5	16.4	36.33	128.54	17.91	343.3 Leo
18 Jan 2012	11h16m40.54s	+09 12' 58.0"	2.6953	1.9500	10.1	130.5	16.1	36.92	129.56	18.68	340.8 Leo
19 Jan 2012	11h16m30.84s	+09 20' 05.7"	2.6969	1.9411	10.1	131.6	15.8	37.51	130.61	19.48	338.5 Leo
20 Jan 2012	11h16m19.55s	+09 27' 25.0"	2.6986	1.9323	10.1	132.7	15.5	38.10	131.67	20.30	336.4 Leo
21 Jan 2012	11h16m06.67s	+09 34' 55.7"	2.7003	1.9238	10.0	133.8	15.2	38.68	132.76	21.14	334.5 Leo
22 Jan 2012	11h15m52.21s	+09 42' 37.7"	2.7019	1.9154	10.0	134.9	14.9	39.27	133.87	21.99	332.7 Leo
23 Jan 2012	11h15m36.18s	+09 50' 30.8"	2.7036	1.9072	10.0	136.1	14.6	39.85	134.99	22.85	331.1 Leo
24 Jan 2012	11h15m18.58s	+09 58' 34.7"	2.7052	1.8992	10.0	137.2	14.3	40.42	136.14	23.72	329.6 Leo
25 Jan 2012	11h14m59.41s	+10 06' 49.3"	2.7069	1.8914	10.0	138.3	14.0	41.00	137.31	24.59	328.2 Leo
26 Jan 2012	11h14m38.71s	+10 15' 14.2"	2.7085	1.8838	9.9	139.4	13.7	41.57	138.51	25.45	326.8 Leo
27 Jan 2012	11h14m16.47s	+10 23' 49.1"	2.7101	1.8764	9.9	140.6	13.3	42.13	139.73	26.32	325.6 Leo
28 Jan 2012	11h13m52.72s	+10 32' 33.9"	2.7117	1.8692	9.9	141.7	13.0	42.69	140.98	27.18	324.5 Leo
29 Jan 2012	11h13m27.47s	+10 41' 28.2"	2.7134	1.8623	9.9	142.9	12.7	43.25	142.25	28.03	323.4 Leo
30 Jan 2012	11h13m00.74s	+10 50' 31.5"	2.7150	1.8556	9.9	144.0	12.3	43.80	143.54	28.87	322.4 Leo
31 Jan 2012	11h12m32.55s	+10 59' 43.7"	2.7166	1.8491	9.9	145.2	12.0	44.34	144.87	29.69	321.5 Leo
1 Feb 2012	11h12m02.93s	+11 09' 04.3"	2.7182	1.8428	9.8	146.3	11.6	44.87	146.22	30.51	320.6 Leo
2 Feb 2012	11h11m31.90s	+11 18' 33.0"	2.7198	1.8368	9.8	147.5	11.2	45.39	147.60	31.30	319.8 Leo
3 Feb 2012	11h10m59.48s	+11 28' 09.4"	2.7214	1.8310	9.8	148.6	10.9	45.91	149.01	32.08	319.0 Leo
4 Feb 2012	11h10m25.71s	+11 37' 53.0"	2.7229	1.8255	9.8	149.8	10.5	46.41	150.44	32.84	318.3 Leo
5 Feb 2012	11h09m50.61s	+11 47' 43.5"	2.7245	1.8202	9.8	151.0	10.1	46.90	151.91	33.57	317.6 Leo
6 Feb 2012	11h09m14.22s	+11 57' 40.4"	2.7261	1.8151	9.7	152.1	9.7	47.38	153.41	34.29	316.9 Leo
7 Feb 2012	11h08m36.55s	+12 07' 43.2"	2.7277	1.8103	9.7	153.3	9.3	47.85	154.93	34.97	316.3 Leo
8 Feb 2012	11h07m57.66s	+12 17' 51.6"	2.7292	1.8058	9.7	154.5	9.0	48.31	156.49	35.64	315.7 Leo
9 Feb 2012	11h07m17.58s	+12 28' 05.0"	2.7308	1.8016	9.7	155.6	8.6	48.75	158.08	36.27	315.1 Leo
10 Feb 2012	11h06m36.33s	+12 38' 22.9"	2.7323	1.7976	9.7	156.8	8.2	49.17	159.69	36.88	314.5 Leo
11 Feb 2012	11h05m53.96s	+12 48' 44.9"	2.7339	1.7939	9.7	158.0	7.8	49.58	161.34	37.46	314.0 Leo
12 Feb 2012	11h05m10.51s	+12 59' 10.5"	2.7354	1.7904	9.6	159.1	7.4	49.97	163.01	38.01	313.5 Leo
13 Feb 2012	11h04m20.62s	+13 09' 39.1"	2.7369	1.7873	9.6	160.3	7.0	50.34	164.72	38.52	313.0 Leo
14 Feb 2012	11h03m40.53s	+13 20' 10.2"	2.7384	1.7844	9.6	161.4	6.6	50.70	166.45	39.00	312.5 Leo
15 Feb 2012	11h02m54.10s	+13 30' 43.3"	2.7400	1.7818	9.6	162.5	6.2	51.03	168.21	39.45	312.0 Leo
16 Feb 2012	11h02m06.76s	+13 41' 17.7"	2.7415	1.7795	9.6	163.7	5.8	51.34	170.00	39.86	311.6 Leo
17 Feb 2012	11h01m18.58s	+13 51' 52.9"	2.7430	1.7774	9.5	164.7	5.4	51.63	171.81	40.22	311.1 Leo
18 Feb 2012	11h00m29.60s	+14 02' 28.3"	2.7445	1.7757	9.5	165.8	5.1	51.90	173.65	40.55	310.7 Leo
19 Feb 2012	10h59m39.89s	+14 13' 03.3"	2.7460	1.7743	9.5	166.8	4.7	52.15	175.51	40.84	310.3 Leo
20 Feb 2012	10h58m49.50s	+14 23' 37.3"	2.7475	1.7731	9.5	167.8	4.4	52.37	177.39	41.08	309.9 Leo
21 Feb 2012	10h57m58.49s	+14 34' 09.6"	2.7489	1.7723	9.5	168.8	4.0	52.57	179.29	41.28	309.5 Leo
22 Feb 2012	10h57m06.92s	+14 44' 39.8"	2.7504	1.7717	9.5	169.6	3.7	52.74	181.21	41.43	309.2 Leo
23 Feb 2012	10h56m14.86s	+14 55' 07.2"	2.7519	1.7715	9.4	170.4	3.4	52.88	183.14	41.54	308.8 Leo
24 Feb 2012	10h55m22.37s	+15 05' 31.2"	2.7533	1.7715	9.4	171.1	3.2	53.00	185.08	41.61	308.5 Leo
25 Feb 2012	10h54m29.51s	+15 15' 51.2"	2.7548	1.7719	9.4	171.6	3.0	53.10	187.03	41.63	308.1 Leo
26 Feb 2012	10h53m36.36s	+15 26' 06.7"	2.7563	1.7725	9.4	172.0	2.9	53.16	188.99	41.60	307.8 Leo
27 Feb 2012	10h52m42.98s	+15 36' 17.1"	2.7577	1.7735	9.4	172.1	2.8	53.20	190.95	41.53	307.5 Leo
28 Feb 2012	10h51m49.42s	+15 46' 21.8"	2.7591	1.7747	9.4	172.1	2.8	53.22	192.91	41.42	307.1 Leo
29 Feb 2012	10h50m55.77s	+15 56' 20.4"	2.7606	1.7763	9.4	171.9	2.9	53.20	194.88	41.26	306.8 Leo
1 Mär 2012	10h50m02.08s	+16 06' 12.3"	2.7620	1.7782	9.4	171.5	3.1	53.16	196.83	41.06	306.5 Leo
2 Mär 2012	10h49m08.41s	+16 15' 57.0"	2.7634	1.7803	9.5	170.9	3.3	53.09	198.79	40.82	306.2 Leo
3 Mär 2012	10h48m14.84s	+16 25' 34.1"	2.7648	1.7828	9.5	170.2	3.5	53.00	200.73	40.53	305.9 Leo
4 Mär 2012	10h47m21.43s	+16 35' 03.0"	2.7662	1.7855	9.5	169.4	3.8	52.87	202.66	40.21	305.7 Leo
5 Mär 2012	10h46m28.24s	+16 44' 23.5"	2.7676	1.7886	9.5	168.5	4.1	52.73	204.57	39.84	305.4 Leo
6 Mär 2012	10h45m35.33s	+16 53' 34.9"	2.7690	1.7919	9.5	167.6	4.4	52.55	206.47	39.44	305.1 Leo
7 Mär 2012	10h44m42.75s	+17 02' 37.0"	2.7704	1.7955	9.6	166.6	4.8	52.36	208.35	39.00	304.8 Leo
8 Mär 2012	10h43m50.58s	+17 11' 29.4"	2.7718	1.7994	9.6	165.6	5.1	52.13	210.21	38.52	304.6 Leo
9 Mär 2012	10h42m58.87s	+17 20' 11.8"	2.7732	1.8036	9.6	164.5	5.5	51.89	212.04	38.01	304.3 Leo
10 Mär 2012	10h42m07.67s	+17 28' 43.7"	2.7746	1.8081	9.6	163.4	5.9	51.62	213.86	37.47	304.1 Leo
11 Mär 2012	10h41m17.03s	+17 37' 04.9"	2.7759	1.8129	9.6	162.3	6.2	51.33	215.64	36.89	303.8 Leo
12 Mär 2012	10h40m27.02s	+17 45' 15.0"	2.7773	1.8179	9.7	161.2	6.6	51.02	217.40	36.28	303.6 Leo
13 Mär 2012	10h39m37.69s	+17 53' 13.9"	2.7786	1.8233	9.7	160.1	7.0	50.68	219.13	35.64	303.3 Leo
14 Mär 2012	10h38m49.09s	+18 01' 01.1"	2.7800	1.8288	9.7	159.0	7.4	50.33	220.83	34.96	303.1 Leo

Ephemeride des Kleinplaneten (6) Hebe

Datum	RA	Deklination	r	delta	mag	Elong	Phase	Höhe	Az.	Gesch.	PA
15 Mär 2012	10h38m01.26s	+18 08' 36.5"	2.7813	1.8347	9.7	157.9	7.7	49.96	222.50	34.26	302.8 Leo
16 Mär 2012	10h37m14.27s	+18 15' 59.8"	2.7827	1.8408	9.8	156.7	8.1	49.57	224.14	33.52	302.6 Leo
17 Mär 2012	10h36m28.17s	+18 23' 10.8"	2.7840	1.8472	9.8	155.6	8.5	49.16	225.75	32.76	302.4 Leo
18 Mär 2012	10h35m43.00s	+18 30' 09.2"	2.7853	1.8539	9.8	154.5	8.9	48.74	227.33	31.97	302.1 Leo
19 Mär 2012	10h34m58.81s	+18 36' 55.0"	2.7866	1.8608	9.8	153.3	9.2	48.30	228.88	31.16	301.9 Leo
20 Mär 2012	10h34m15.66s	+18 43' 27.9"	2.7879	1.8680	9.9	152.2	9.6	47.85	230.40	30.32	301.7 Leo
21 Mär 2012	10h33m33.57s	+18 49' 47.8"	2.7892	1.8754	9.9	151.1	10.0	47.38	231.88	29.46	301.5 Leo
22 Mär 2012	10h32m52.60s	+18 55' 54.6"	2.7905	1.8831	9.9	149.9	10.3	46.90	233.34	28.57	301.3 Leo
23 Mär 2012	10h32m12.79s	+19 01' 48.2"	2.7918	1.8910	9.9	148.8	10.7	46.41	234.76	27.67	301.1 Leo
24 Mär 2012	10h31m34.17s	+19 07' 28.5"	2.7931	1.8992	9.9	147.7	11.0	45.91	236.16	26.74	300.9 Leo
25 Mär 2012	10h30m56.77s	+19 12' 55.5"	2.7944	1.9076	10.0	146.6	11.3	45.40	237.52	25.80	300.7 Leo
26 Mär 2012	10h30m20.64s	+19 18' 09.2"	2.7957	1.9162	10.0	145.4	11.7	44.88	238.85	24.85	300.5 Leo
27 Mär 2012	10h29m45.80s	+19 23' 09.5"	2.7969	1.9250	10.0	144.3	12.0	44.34	240.16	23.88	300.3 Leo
28 Mär 2012	10h29m12.29s	+19 27' 56.4"	2.7982	1.9341	10.0	143.2	12.3	43.80	241.43	22.90	300.1 Leo
29 Mär 2012	10h28m40.11s	+19 32' 30.1"	2.7994	1.9433	10.1	142.1	12.6	43.26	242.68	21.91	299.9 Leo
30 Mär 2012	10h28m09.31s	+19 36' 50.4"	2.8007	1.9528	10.1	141.0	13.0	42.70	243.91	20.91	299.7 Leo
31 Mär 2012	10h27m39.89s	+19 40' 57.6"	2.8019	1.9625	10.1	139.9	13.3	42.14	245.10	19.90	299.6 Leo
1 Apr 2012	10h27m11.89s	+19 44' 51.6"	2.8031	1.9724	10.1	138.9	13.6	41.57	246.27	18.89	299.4 Leo
2 Apr 2012	10h26m45.30s	+19 48' 32.5"	2.8044	1.9825	10.1	137.8	13.9	41.00	247.42	17.87	299.2 Leo
3 Apr 2012	10h26m20.15s	+19 52' 00.5"	2.8056	1.9927	10.2	136.7	14.1	40.42	248.54	16.85	299.1 Leo
4 Apr 2012	10h25m56.45s	+19 55' 15.7"	2.8068	2.0032	10.2	135.6	14.4	39.84	249.64	15.83	298.9 Leo
5 Apr 2012	10h25m34.21s	+19 58' 18.1"	2.8080	2.0138	10.2	134.6	14.7	39.26	250.71	14.81	298.7 Leo
6 Apr 2012	10h25m13.43s	+20 01' 07.9"	2.8092	2.0246	10.2	133.5	15.0	38.67	251.77	13.79	298.6 Leo
7 Apr 2012	10h24m54.12s	+20 03' 45.2"	2.8104	2.0356	10.2	132.5	15.2	38.07	252.80	12.77	298.4 Leo
8 Apr 2012	10h24m36.28s	+20 06' 10.2"	2.8116	2.0467	10.3	131.5	15.5	37.48	253.81	11.75	298.3 Leo
9 Apr 2012	10h24m19.92s	+20 08' 23.0"	2.8128	2.0581	10.3	130.4	15.7	36.88	254.80	10.73	298.1 Leo
10 Apr 2012	10h24m05.03s	+20 10' 23.6"	2.8139	2.0695	10.3	129.4	16.0	36.28	255.78	9.72	298.0 Leo
11 Apr 2012	10h23m51.63s	+20 12' 12.3"	2.8151	2.0811	10.3	128.4	16.2	35.68	256.73	8.70	297.8 Leo
12 Apr 2012	10h23m39.70s	+20 13' 49.2"	2.8163	2.0929	10.3	127.4	16.4	35.08	257.67	7.69	297.6 Leo
13 Apr 2012	10h23m29.26s	+20 15' 14.4"	2.8174	2.1048	10.4	126.4	16.7	34.48	258.59	6.69	297.5 Leo
14 Apr 2012	10h23m20.30s	+20 16' 28.0"	2.8186	2.1169	10.4	125.4	16.9	33.88	259.49	5.68	297.3 Leo
15 Apr 2012	10h23m12.83s	+20 17' 30.1"	2.8197	2.1291	10.4	124.4	17.1	33.27	260.38	4.68	297.1 Leo