





M 14

5 Jul
 NGC 6366

4 Aug

NGC 6309

Hebe

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Ephemeride des Kleinplaneten (6) Hebe

Datum	RA	Deklination	r	delta	mag	Elong	Phase	Höhe	Az.	Gesch.	PA	Stb
1 Mai 2017	18h12m45.60s	-05 03' 49.8"	2.6245	1.9128	10.1	125.1	18.3	23.46	135.24	10.70	350.2	Ser
2 Mai 2017	18h12m42.91s	-04 59' 37.5"	2.6226	1.9009	10.0	125.9	18.1	23.96	136.19	10.79	344.8	Ser
3 Mai 2017	18h12m38.61s	-04 55' 28.5"	2.6207	1.8891	10.0	126.8	17.9	24.44	137.15	10.96	339.5	Ser
4 Mai 2017	18h12m32.72s	-04 51' 23.0"	2.6188	1.8774	10.0	127.7	17.7	24.92	138.12	11.22	334.4	Ser
5 Mai 2017	18h12m25.23s	-04 47' 21.3"	2.6169	1.8659	10.0	128.6	17.5	25.40	139.12	11.55	329.5	Ser
6 Mai 2017	18h12m16.12s	-04 43' 23.5"	2.6150	1.8545	9.9	129.5	17.3	25.87	140.12	11.96	325.0	Ser
7 Mai 2017	18h12m05.42s	-04 39' 29.9"	2.6130	1.8433	9.9	130.4	17.1	26.33	141.15	12.43	320.7	Ser
8 Mai 2017	18h11m53.10s	-04 35' 40.8"	2.6111	1.8322	9.9	131.3	16.9	26.79	142.19	12.96	316.7	Ser
9 Mai 2017	18h11m39.17s	-04 31' 56.3"	2.6092	1.8213	9.9	132.2	16.6	27.23	143.24	13.54	313.0	Ser
10 Mai 2017	18h11m23.63s	-04 28' 16.7"	2.6073	1.8105	9.9	133.1	16.4	27.67	144.32	14.16	309.5	Ser
11 Mai 2017	18h11m06.48s	-04 24' 42.3"	2.6053	1.7999	9.8	134.1	16.2	28.10	145.41	14.83	306.4	Ser
12 Mai 2017	18h10m47.73s	-04 21' 13.3"	2.6034	1.7895	9.8	135.0	15.9	28.53	146.52	15.53	303.5	Ser
13 Mai 2017	18h10m27.37s	-04 17' 49.9"	2.6014	1.7792	9.8	135.9	15.7	28.94	147.64	16.25	300.8	Ser
14 Mai 2017	18h10m05.41s	-04 14' 32.4"	2.5995	1.7691	9.8	136.8	15.4	29.34	148.78	17.00	298.4	Ser
15 Mai 2017	18h09m41.85s	-04 11' 21.1"	2.5975	1.7592	9.8	137.7	15.2	29.73	149.94	17.78	296.1	Ser
16 Mai 2017	18h09m16.71s	-04 08' 16.1"	2.5956	1.7495	9.7	138.6	14.9	30.11	151.12	18.57	294.0	Ser
17 Mai 2017	18h08m49.98s	-04 05' 17.8"	2.5936	1.7399	9.7	139.5	14.7	30.48	152.31	19.37	292.0	Ser
18 Mai 2017	18h08m21.69s	-04 02' 26.4"	2.5916	1.7305	9.7	140.4	14.4	30.83	153.53	20.18	290.2	Ser
19 Mai 2017	18h07m51.84s	-03 59' 42.2"	2.5897	1.7213	9.7	141.3	14.1	31.17	154.76	21.00	288.5	Ser
20 Mai 2017	18h07m20.45s	-03 57' 05.4"	2.5877	1.7123	9.6	142.3	13.9	31.50	156.00	21.83	286.9	Ser
21 Mai 2017	18h06m47.53s	-03 54' 36.3"	2.5857	1.7035	9.6	143.2	13.6	31.82	157.27	22.65	285.4	Ser
22 Mai 2017	18h06m13.10s	-03 52' 15.2"	2.5837	1.6949	9.6	144.1	13.3	32.12	158.55	23.48	284.0	Ser
23 Mai 2017	18h05m37.19s	-03 50' 02.3"	2.5817	1.6865	9.6	145.0	13.0	32.40	159.85	24.30	282.7	Ser
24 Mai 2017	18h04m59.81s	-03 47' 57.9"	2.5797	1.6783	9.6	145.8	12.7	32.67	161.16	25.11	281.5	Ser
25 Mai 2017	18h04m21.00s	-03 46' 02.2"	2.5777	1.6703	9.5	146.7	12.4	32.92	162.49	25.92	280.3	Ser
26 Mai 2017	18h03m40.79s	-03 44' 15.6"	2.5757	1.6625	9.5	147.6	12.2	33.16	163.83	26.72	279.1	Ser
27 Mai 2017	18h02m59.21s	-03 42' 38.1"	2.5737	1.6550	9.5	148.5	11.9	33.37	165.19	27.50	278.1	Ser
28 Mai 2017	18h02m16.29s	-03 41' 10.2"	2.5717	1.6476	9.5	149.3	11.6	33.57	166.57	28.26	277.0	Ser
29 Mai 2017	18h01m32.08s	-03 39' 52.0"	2.5697	1.6405	9.5	150.2	11.3	33.75	167.95	29.01	276.0	Ser
30 Mai 2017	18h00m46.62s	-03 38' 43.7"	2.5677	1.6336	9.4	151.0	11.0	33.91	169.35	29.74	275.1	Ser
31 Mai 2017	17h59m59.94s	-03 37' 45.6"	2.5656	1.6269	9.4	151.8	10.8	34.06	170.76	30.45	274.1	Ser
1 Jun 2017	17h59m12.10s	-03 36' 57.7"	2.5636	1.6205	9.4	152.6	10.5	34.18	172.18	31.14	273.3	Ser
2 Jun 2017	17h58m23.13s	-03 36' 20.4"	2.5616	1.6143	9.4	153.4	10.2	34.28	173.61	31.80	272.4	Ser
3 Jun 2017	17h57m33.09s	-03 35' 53.8"	2.5595	1.6083	9.4	154.1	10.0	34.36	175.05	32.45	271.6	Ser
4 Jun 2017	17h56m42.01s	-03 35' 38.1"	2.5575	1.6026	9.3	154.9	9.7	34.42	176.50	33.07	270.7	Ser
5 Jun 2017	17h55m49.95s	-03 35' 33.4"	2.5554	1.5971	9.3	155.5	9.5	34.45	177.95	33.67	269.9	Oph
6 Jun 2017	17h54m56.96s	-03 35' 39.8"	2.5534	1.5919	9.3	156.2	9.2	34.47	179.41	34.24	269.2	Oph
7 Jun 2017	17h54m03.08s	-03 35' 57.6"	2.5513	1.5868	9.3	156.8	9.0	34.46	180.88	34.78	268.4	Oph
8 Jun 2017	17h53m08.37s	-03 36' 26.8"	2.5493	1.5821	9.3	157.4	8.8	34.43	182.35	35.30	267.6	Oph
9 Jun 2017	17h52m12.89s	-03 37' 07.5"	2.5472	1.5775	9.3	158.0	8.6	34.38	183.82	35.78	266.9	Oph
10 Jun 2017	17h51m16.69s	-03 37' 59.9"	2.5451	1.5733	9.2	158.5	8.4	34.30	185.29	36.24	266.2	Oph
11 Jun 2017	17h50m19.82s	-03 39' 04.0"	2.5431	1.5692	9.2	159.0	8.2	34.21	186.76	36.67	265.4	Oph
12 Jun 2017	17h49m22.34s	-03 40' 20.0"	2.5410	1.5654	9.2	159.4	8.1	34.09	188.23	37.07	264.7	Oph
13 Jun 2017	17h48m24.32s	-03 41' 47.8"	2.5389	1.5619	9.2	159.7	8.0	33.95	189.70	37.43	264.0	Oph
14 Jun 2017	17h47m25.81s	-03 43' 27.7"	2.5368	1.5586	9.2	160.0	7.9	33.78	191.16	37.77	263.3	Oph
15 Jun 2017	17h46m26.87s	-03 45' 19.5"	2.5348	1.5556	9.2	160.2	7.8	33.59	192.62	38.07	262.6	Oph
16 Jun 2017	17h45m27.57s	-03 47' 23.4"	2.5327	1.5528	9.2	160.4	7.7	33.38	194.08	38.33	261.9	Oph
17 Jun 2017	17h44m27.97s	-03 49' 39.4"	2.5306	1.5503	9.2	160.4	7.7	33.15	195.52	38.56	261.2	Oph
18 Jun 2017	17h43m28.14s	-03 52' 07.5"	2.5285	1.5480	9.2	160.5	7.7	32.90	196.96	38.76	260.5	Oph
19 Jun 2017	17h42m28.14s	-03 54' 47.6"	2.5264	1.5460	9.2	160.4	7.7	32.62	198.39	38.91	259.8	Oph
20 Jun 2017	17h41m28.04s	-03 57' 39.9"	2.5243	1.5442	9.2	160.3	7.8	32.32	199.81	39.03	259.1	Oph
21 Jun 2017	17h40m27.92s	-04 00' 44.2"	2.5222	1.5427	9.2	160.1	7.9	32.01	201.22	39.12	258.3	Oph
22 Jun 2017	17h39m27.84s	-04 04' 00.5"	2.5200	1.5415	9.2	159.9	8.0	31.67	202.62	39.16	257.6	Oph
23 Jun 2017	17h38m27.88s	-04 07' 28.8"	2.5179	1.5405	9.2	159.5	8.1	31.31	204.00	39.16	256.9	Oph
24 Jun 2017	17h37m28.11s	-04 11' 09.0"	2.5158	1.5397	9.2	159.2	8.3	30.93	205.37	39.13	256.1	Oph
25 Jun 2017	17h36m28.59s	-04 15' 00.9"	2.5137	1.5392	9.2	158.7	8.4	30.54	206.73	39.06	255.3	Oph
26 Jun 2017	17h35m29.42s	-04 19' 04.5"	2.5116	1.5390	9.2	158.3	8.6	30.12	208.07	38.95	254.6	Oph
27 Jun 2017	17h34m30.64s	-04 23' 19.7"	2.5094	1.5390	9.2	157.7	8.8	29.69	209.40	38.80	253.8	Oph
28 Jun 2017	17h33m32.35s	-04 27' 46.3"	2.5073	1.5393	9.2	157.1	9.1	29.24	210.71	38.61	253.0	Oph
29 Jun 2017	17h32m34.59s	-04 32' 24.1"	2.5052	1.5398	9.2	156.5	9.3	28.77	212.00	38.39	252.1	Oph
30 Jun 2017	17h31m37.45s	-04 37' 13.1"	2.5030	1.5405	9.2	155.9	9.6	28.29	213.28	38.14	251.3	Oph
1 Jul 2017	17h30m40.97s	-04 42' 12.8"	2.5009	1.5415	9.2	155.2	9.8	27.79	214.54	37.86	250.4	Oph
2 Jul 2017	17h29m45.23s	-04 47' 23.3"	2.4987	1.5428	9.2	154.4	10.1	27.28	215.79	37.54	249.6	Oph
3 Jul 2017	17h28m50.29s	-04 52' 44.3"	2.4966	1.5443	9.2	153.7	10.4	26.75	217.01	37.20	248.6	Oph
4 Jul 2017	17h27m56.19s	-04 58' 15.5"	2.4944	1.5460	9.2	152.9	10.7	26.21	218.22	36.83	247.7	Oph
5 Jul 2017	17h27m03.01s	-05 03' 56.8"	2.4923	1.5479	9.3	152.1	11.0	25.65	219.41	36.44	246.8	Oph
6 Jul 2017	17h26m10.78s	-05 09' 47.9"	2.4901	1.5501	9.3	151.3	11.3	25.09	220.59	36.02	245.8	Oph
7 Jul 2017	17h25m19.58s	-05 15' 48.6"	2.4880	1.5525	9.3	150.4	11.6	24.51	221.74	35.57	244.8	Oph
8 Jul 2017	17h24m29.44s	-05 21' 58.7"	2.4858	1.5552	9.3	149.6	11.9	23.92	222.88	35.11	243.7	Oph
9 Jul 2017	17h23m40.41s	-05 28' 17.9"	2.4836	1.5580	9.3	148.7	12.3	23.32	224.00	34.62	242.6	Oph
10 Jul 2017	17h22m52.55s	-05 34' 45.9"	2.4814	1.5611	9.3	147.8	12.6	22.71	225.11	34.12	241.5	Oph
11 Jul 2017	17h22m05.90s	-05 41' 22.5"	2.4793	1.5644	9.3	146.9	12.9	22.09	226.19	33.61	240.3	Oph
12 Jul 2017	17h21m20.50s	-05 48' 07.5"	2.4771	1.5680	9.3	146.0	13.3	21.46	227.26	33.07	239.1	Oph
13 Jul 2017	17h20m36.40s	-05 55' 00.6"	2.4749	1.5717	9.4	145.1	13.6	20.83	228.31	32.53	237.9	Oph

Ephemeride des Kleinplaneten (6) Hebe

Datum	RA	Deklination	r	delta	mag	Elong	Phase	Höhe	Az.	Gesch.	PA	Stb
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14 Jul 2017	17h19m53.63s	-06 02' 01.5"	2.4727	1.5756	9.4	144.2	13.9	20.18	229.34	31.98	236.5	Oph
15 Jul 2017	17h19m12.24s	-06 09' 10.0"	2.4705	1.5798	9.4	143.3	14.2	19.53	230.36	31.41	235.2	Oph
16 Jul 2017	17h18m32.27s	-06 16' 25.8"	2.4684	1.5841	9.4	142.4	14.6	18.88	231.36	30.84	233.8	Oph
17 Jul 2017	17h17m53.74s	-06 23' 48.7"	2.4662	1.5887	9.4	141.4	14.9	18.21	232.35	30.27	232.3	Oph
18 Jul 2017	17h17m16.70s	-06 31' 18.4"	2.4640	1.5934	9.4	140.5	15.2	17.54	233.32	29.69	230.7	Oph
19 Jul 2017	17h16m41.18s	-06 38' 54.6"	2.4618	1.5984	9.4	139.6	15.5	16.87	234.27	29.11	229.1	Oph
20 Jul 2017	17h16m07.22s	-06 46' 37.1"	2.4596	1.6035	9.5	138.6	15.8	16.19	235.21	28.54	227.4	Oph
21 Jul 2017	17h15m34.85s	-06 54' 25.6"	2.4574	1.6088	9.5	137.7	16.2	15.51	236.13	27.96	225.6	Oph
22 Jul 2017	17h15m04.09s	-07 02' 19.8"	2.4552	1.6143	9.5	136.7	16.5	14.82	237.04	27.40	223.8	Oph
23 Jul 2017	17h14m34.97s	-07 10' 19.6"	2.4529	1.6200	9.5	135.8	16.8	14.13	237.94	26.85	221.8	Oph
24 Jul 2017	17h14m07.53s	-07 18' 24.5"	2.4507	1.6259	9.5	134.9	17.1	13.44	238.81	26.31	219.8	Oph
25 Jul 2017	17h13m41.78s	-07 26' 34.4"	2.4485	1.6319	9.5	133.9	17.4	12.75	239.68	25.79	217.7	Oph
26 Jul 2017	17h13m17.74s	-07 34' 48.9"	2.4463	1.6381	9.5	133.0	17.7	12.05	240.53	25.29	215.5	Oph
27 Jul 2017	17h12m55.43s	-07 43' 07.8"	2.4441	1.6445	9.6	132.1	18.0	11.35	241.37	24.82	213.2	Oph
28 Jul 2017	17h12m34.87s	-07 51' 30.8"	2.4419	1.6510	9.6	131.1	18.3	10.66	242.20	24.37	210.8	Oph
29 Jul 2017	17h12m16.07s	-07 59' 57.7"	2.4396	1.6577	9.6	130.2	18.5	9.96	243.01	23.95	208.3	Oph
30 Jul 2017	17h11m59.03s	-08 08' 28.2"	2.4374	1.6645	9.6	129.3	18.8	9.26	243.81	23.57	205.8	Oph
31 Jul 2017	17h11m43.76s	-08 17' 02.0"	2.4352	1.6715	9.6	128.4	19.1	8.56	244.60	23.23	203.1	Oph
1 Aug 2017	17h11m30.28s	-08 25' 39.0"	2.4330	1.6786	9.6	127.4	19.3	7.85	245.38	22.93	200.4	Oph
2 Aug 2017	17h11m18.58s	-08 34' 18.7"	2.4307	1.6858	9.7	126.5	19.6	7.15	246.14	22.66	197.7	Oph
3 Aug 2017	17h11m08.67s	-08 43' 01.1"	2.4285	1.6932	9.7	125.6	19.9	6.45	246.90	22.45	194.9	Oph
4 Aug 2017	17h11m00.54s	-08 51' 45.8"	2.4263	1.7007	9.7	124.7	20.1	5.76	247.64	22.27	192.0	Oph
5 Aug 2017	17h10m54.20s	-09 00' 32.7"	2.4240	1.7084	9.7	123.8	20.3	5.06	248.38	22.15	189.1	Oph
6 Aug 2017	17h10m49.65s	-09 09' 21.4"	2.4218	1.7161	9.7	122.9	20.6	4.36	249.10	22.07	186.3	Oph
7 Aug 2017	17h10m46.89s	-09 18' 11.9"	2.4195	1.7240	9.7	122.0	20.8	3.67	249.81	22.04	183.3	Oph
8 Aug 2017	17h10m45.90s	-09 27' 03.8"	2.4173	1.7320	9.7	121.1	21.0	2.97	250.52	22.06	180.5	Oph
9 Aug 2017	17h10m46.69s	-09 35' 57.0"	2.4150	1.7401	9.8	120.2	21.3	2.28	251.21	22.13	177.6	Oph
10 Aug 2017	17h10m49.26s	-09 44' 51.3"	2.4128	1.7484	9.8	119.3	21.5	1.59	251.90	22.24	174.7	Oph
11 Aug 2017	17h10m53.59s	-09 53' 46.4"	2.4105	1.7567	9.8	118.5	21.7	0.90	252.57	22.40	171.9	Oph
12 Aug 2017	17h10m59.69s	-10 02' 42.2"	2.4083	1.7651	9.8	117.6	21.9	0.22	253.24	22.60	169.2	Oph
13 Aug 2017	17h11m07.54s	-10 11' 38.5"	2.4060	1.7737	9.8	116.7	22.1	-0.46	253.90	22.84	166.5	Oph
14 Aug 2017	17h11m17.15s	-10 20' 35.1"	2.4038	1.7823	9.8	115.9	22.3	-1.14	254.55	23.13	163.9	Oph
15 Aug 2017	17h11m28.50s	-10 29' 31.8"	2.4015	1.7910	9.8	115.0	22.5	-1.82	255.20	23.45	161.4	Oph
16 Aug 2017	17h11m41.59s	-10 38' 28.5"	2.3993	1.7998	9.9	114.2	22.7	-2.49	255.84	23.81	158.9	Oph
17 Aug 2017	17h11m56.42s	-10 47' 24.9"	2.3970	1.8087	9.9	113.3	22.8	-3.16	256.47	24.20	156.5	Oph
18 Aug 2017	17h12m12.97s	-10 56' 21.0"	2.3948	1.8177	9.9	112.5	23.0	-3.83	257.09	24.63	154.2	Oph
19 Aug 2017	17h12m31.25s	-11 05' 16.6"	2.3925	1.8267	9.9	111.6	23.2	-4.50	257.70	25.08	152.0	Oph
20 Aug 2017	17h12m51.24s	-11 14' 11.4"	2.3902	1.8359	9.9	110.8	23.3	-5.16	258.31	25.56	149.9	Oph
21 Aug 2017	17h13m12.94s	-11 23' 05.3"	2.3880	1.8451	9.9	110.0	23.5	-5.82	258.92	26.07	147.9	Oph
22 Aug 2017	17h13m36.32s	-11 31' 58.3"	2.3857	1.8543	9.9	109.1	23.6	-6.47	259.51	26.60	145.9	Oph
23 Aug 2017	17h14m01.40s	-11 40' 50.0"	2.3834	1.8637	9.9	108.3	23.8	-7.12	260.10	27.14	144.1	Oph
24 Aug 2017	17h14m28.14s	-11 49' 40.4"	2.3811	1.8731	10.0	107.5	23.9	-7.77	260.69	27.71	142.3	Oph
25 Aug 2017	17h14m56.54s	-11 58' 29.3"	2.3789	1.8825	10.0	106.7	24.0	-8.41	261.26	28.28	140.6	Oph
26 Aug 2017	17h15m26.58s	-12 07' 16.5"	2.3766	1.8921	10.0	105.9	24.1	-9.05	261.84	28.88	138.9	Oph
27 Aug 2017	17h15m58.25s	-12 16' 01.9"	2.3743	1.9016	10.0	105.1	24.3	-9.68	262.40	29.48	137.4	Oph
28 Aug 2017	17h16m31.53s	-12 24' 45.4"	2.3721	1.9112	10.0	104.3	24.4	-10.31	262.97	30.09	135.9	Oph
29 Aug 2017	17h17m06.41s	-12 33' 26.9"	2.3698	1.9209	10.0	103.5	24.5	-10.94	263.53	30.70	134.5	Ser
30 Aug 2017	17h17m42.87s	-12 42' 06.1"	2.3675	1.9306	10.0	102.7	24.6	-11.56	264.08	31.33	133.2	Ser
31 Aug 2017	17h18m20.88s	-12 50' 43.0"	2.3652	1.9404	10.0	101.9	24.7	-12.18	264.63	31.95	131.9	Ser
1 Sep 2017	17h19m00.45s	-12 59' 17.4"	2.3629	1.9501	10.1	101.2	24.8	-12.80	265.17	32.58	130.6	Ser