



18h35m23.0s J2000.0
 -23 45' 55" Sgr
 15 Mai 2017 0:00:00
 Bahn von (10) Hygiea

Ephemeride des Kleinplaneten (10) Hygiea

Datum	RA	Deklination	r	delta	mag	Elong	Phase	Höhe	Az.	Gesch.	PA	Stb
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15 Mai 2017	19h01m32.52s	-24 03' 20.0"	2.8320	2.0734	10.1	130.1	15.8	6.77	144.76	3.90	291.1	Sgr
16 Mai 2017	19h01m26.41s	-24 02' 43.5"	2.8326	2.0639	10.1	131.1	15.6	7.14	145.62	4.74	286.5	Sgr
17 Mai 2017	19h01m18.73s	-24 02' 08.4"	2.8332	2.0544	10.1	132.1	15.4	7.50	146.48	5.61	283.3	Sgr
18 Mai 2017	19h01m09.48s	-24 01' 34.7"	2.8338	2.0451	10.1	133.1	15.1	7.85	147.36	6.48	281.0	Sgr
19 Mai 2017	19h00m58.64s	-24 01' 02.5"	2.8344	2.0360	10.1	134.1	14.9	8.20	148.24	7.37	279.3	Sgr
20 Mai 2017	19h00m46.24s	-24 00' 31.5"	2.8350	2.0271	10.0	135.1	14.6	8.54	149.13	8.25	277.9	Sgr
21 Mai 2017	19h00m32.27s	-24 00' 01.9"	2.8357	2.0183	10.0	136.1	14.3	8.87	150.04	9.14	276.8	Sgr
22 Mai 2017	19h00m16.74s	-23 59' 33.4"	2.8363	2.0097	10.0	137.1	14.1	9.20	150.95	10.03	276.0	Sgr
23 Mai 2017	18h59m59.67s	-23 59' 06.2"	2.8369	2.0012	10.0	138.1	13.8	9.52	151.88	10.91	275.2	Sgr
24 Mai 2017	18h59m41.05s	-23 58' 40.2"	2.8375	1.9930	10.0	139.2	13.5	9.83	152.81	11.79	274.6	Sgr
25 Mai 2017	18h59m20.91s	-23 58' 15.2"	2.8382	1.9849	10.0	140.2	13.2	10.13	153.75	12.65	274.2	Sgr
26 Mai 2017	18h58m59.26s	-23 57' 51.2"	2.8388	1.9771	9.9	141.2	12.9	10.43	154.71	13.51	273.7	Sgr
27 Mai 2017	18h58m36.12s	-23 57' 28.2"	2.8394	1.9694	9.9	142.3	12.6	10.71	155.67	14.36	273.4	Sgr
28 Mai 2017	18h58m11.51s	-23 57' 06.1"	2.8401	1.9619	9.9	143.3	12.3	10.99	156.64	15.20	273.1	Sgr
29 Mai 2017	18h57m45.45s	-23 56' 44.8"	2.8407	1.9546	9.9	144.4	12.0	11.26	157.62	16.02	272.8	Sgr
30 Mai 2017	18h57m17.98s	-23 56' 24.2"	2.8414	1.9476	9.9	145.5	11.7	11.52	158.62	16.83	272.6	Sgr
31 Mai 2017	18h56m49.10s	-23 56' 04.3"	2.8420	1.9407	9.8	146.5	11.3	11.76	159.62	17.63	272.4	Sgr
1 Jun 2017	18h56m18.87s	-23 55' 44.9"	2.8427	1.9341	9.8	147.6	11.0	12.00	160.63	18.40	272.3	Sgr
2 Jun 2017	18h55m47.29s	-23 55' 26.1"	2.8433	1.9277	9.8	148.7	10.7	12.23	161.64	19.17	272.1	Sgr
3 Jun 2017	18h55m14.40s	-23 55' 07.7"	2.8440	1.9214	9.8	149.8	10.3	12.45	162.67	19.91	272.0	Sgr
4 Jun 2017	18h54m40.24s	-23 54' 49.6"	2.8447	1.9155	9.8	150.9	10.0	12.65	163.71	20.64	271.9	Sgr
5 Jun 2017	18h54m04.83s	-23 54' 31.9"	2.8453	1.9097	9.7	151.9	9.7	12.85	164.75	21.34	271.9	Sgr
6 Jun 2017	18h53m28.20s	-23 54' 14.3"	2.8460	1.9042	9.7	153.0	9.3	13.03	165.80	22.03	271.8	Sgr
7 Jun 2017	18h52m50.40s	-23 53' 56.8"	2.8467	1.8989	9.7	154.1	8.9	13.20	166.86	22.70	271.8	Sgr
8 Jun 2017	18h52m11.45s	-23 53' 39.3"	2.8474	1.8938	9.7	155.2	8.6	13.36	167.93	23.35	271.7	Sgr
9 Jun 2017	18h51m31.39s	-23 53' 21.8"	2.8480	1.8890	9.7	156.3	8.2	13.51	169.00	23.97	271.7	Sgr
10 Jun 2017	18h50m50.27s	-23 53' 04.1"	2.8487	1.8844	9.6	157.5	7.9	13.64	170.08	24.57	271.7	Sgr
11 Jun 2017	18h50m08.12s	-23 52' 46.2"	2.8494	1.8800	9.6	158.6	7.5	13.76	171.16	25.15	271.7	Sgr
12 Jun 2017	18h49m24.98s	-23 52' 28.0"	2.8501	1.8759	9.6	159.7	7.1	13.87	172.26	25.71	271.7	Sgr
13 Jun 2017	18h48m40.90s	-23 52' 09.4"	2.8508	1.8721	9.6	160.8	6.7	13.97	173.35	26.24	271.7	Sgr
14 Jun 2017	18h47m55.92s	-23 51' 50.3"	2.8515	1.8685	9.6	161.9	6.3	14.05	174.46	26.74	271.7	Sgr
15 Jun 2017	18h47m10.08s	-23 51' 30.6"	2.8522	1.8651	9.5	163.1	6.0	14.12	175.56	27.22	271.8	Sgr
16 Jun 2017	18h46m23.43s	-23 51' 10.4"	2.8529	1.8620	9.5	164.2	5.6	14.17	176.68	27.67	271.8	Sgr
17 Jun 2017	18h45m36.03s	-23 50' 49.3"	2.8536	1.8592	9.5	165.3	5.2	14.21	177.79	28.09	271.9	Sgr
18 Jun 2017	18h44m47.91s	-23 50' 27.6"	2.8543	1.8566	9.5	166.5	4.8	14.24	178.91	28.48	271.9	Sgr
19 Jun 2017	18h43m59.15s	-23 50' 04.9"	2.8550	1.8543	9.4	167.6	4.4	14.25	180.03	28.84	272.0	Sgr
20 Jun 2017	18h43m09.78s	-23 49' 41.3"	2.8558	1.8522	9.4	168.7	4.0	14.25	181.16	29.17	272.1	Sgr
21 Jun 2017	18h42m19.86s	-23 49' 16.7"	2.8565	1.8504	9.4	169.9	3.6	14.23	182.28	29.47	272.1	Sgr
22 Jun 2017	18h41m29.46s	-23 48' 51.1"	2.8572	1.8489	9.4	171.0	3.2	14.20	183.41	29.73	272.2	Sgr
23 Jun 2017	18h40m38.63s	-23 48' 24.3"	2.8579	1.8476	9.3	172.2	2.8	14.16	184.54	29.95	272.3	Sgr
24 Jun 2017	18h39m47.44s	-23 47' 56.3"	2.8586	1.8466	9.3	173.3	2.4	14.10	185.67	30.14	272.4	Sgr
25 Jun 2017	18h38m55.94s	-23 47' 27.2"	2.8594	1.8459	9.3	174.5	2.0	14.03	186.80	30.30	272.5	Sgr
26 Jun 2017	18h38m04.21s	-23 46' 56.8"	2.8601	1.8455	9.2	175.6	1.6	13.94	187.93	30.42	272.6	Sgr
27 Jun 2017	18h37m12.30s	-23 46' 25.0"	2.8609	1.8453	9.2	176.8	1.2	13.84	189.06	30.50	272.7	Sgr
28 Jun 2017	18h36m20.28s	-23 45' 52.0"	2.8616	1.8454	9.2	177.9	0.8	13.72	190.18	30.54	272.8	Sgr
29 Jun 2017	18h35m28.22s	-23 45' 17.7"	2.8623	1.8458	9.1	178.9	0.4	13.60	191.31	30.55	272.9	Sgr
30 Jun 2017	18h34m36.16s	-23 44' 41.9"	2.8631	1.8465	9.1	179.4	0.2	13.45	192.43	30.53	273.1	Sgr
1 Jul 2017	18h33m44.18s	-23 44' 04.9"	2.8638	1.8474	9.2	178.5	0.5	13.30	193.55	30.46	273.2	Sgr
2 Jul 2017	18h32m52.33s	-23 43' 26.4"	2.8646	1.8486	9.2	177.4	0.9	13.13	194.67	30.37	273.3	Sgr
3 Jul 2017	18h32m00.68s	-23 42' 46.7"	2.8653	1.8501	9.2	176.3	1.3	12.94	195.78	30.24	273.4	Sgr
4 Jul 2017	18h31m09.28s	-23 42' 05.5"	2.8661	1.8518	9.3	175.1	1.7	12.74	196.89	30.08	273.6	Sgr
5 Jul 2017	18h30m18.19s	-23 41' 23.0"	2.8669	1.8538	9.3	174.0	2.1	12.53	197.99	29.88	273.7	Sgr
6 Jul 2017	18h29m27.46s	-23 40' 39.2"	2.8676	1.8561	9.3	172.8	2.5	12.31	199.09	29.66	273.9	Sgr
7 Jul 2017	18h28m37.16s	-23 39' 54.1"	2.8684	1.8586	9.4	171.7	2.9	12.08	200.19	29.40	274.0	Sgr
8 Jul 2017	18h27m47.33s	-23 39' 07.7"	2.8692	1.8614	9.4	170.6	3.3	11.83	201.27	29.11	274.2	Sgr
9 Jul 2017	18h26m58.02s	-23 38' 20.0"	2.8699	1.8645	9.4	169.4	3.7	11.57	202.36	28.79	274.3	Sgr
10 Jul 2017	18h26m09.30s	-23 37' 31.1"	2.8707	1.8679	9.4	168.3	4.1	11.29	203.43	28.44	274.5	Sgr
11 Jul 2017	18h25m21.21s	-23 36' 41.1"	2.8715	1.8715	9.5	167.1	4.5	11.01	204.50	28.06	274.7	Sgr
12 Jul 2017	18h24m33.80s	-23 35' 49.9"	2.8723	1.8753	9.5	166.0	4.9	10.72	205.56	27.66	274.8	Sgr
13 Jul 2017	18h23m47.12s	-23 34' 57.5"	2.8731	1.8795	9.5	164.9	5.3	10.41	206.62	27.22	275.0	Sgr
14 Jul 2017	18h23m01.22s	-23 34' 04.1"	2.8738	1.8839	9.6	163.7	5.7	10.09	207.67	26.76	275.2	Sgr
15 Jul 2017	18h22m16.15s	-23 33' 09.7"	2.8746	1.8885	9.6	162.6	6.1	9.76	208.71	26.27	275.4	Sgr
16 Jul 2017	18h21m31.94s	-23 32' 14.3"	2.8754	1.8934	9.6	161.5	6.4	9.43	209.74	25.76	275.6	Sgr
17 Jul 2017	18h20m48.65s	-23 31' 18.0"	2.8762	1.8985	9.6	160.4	6.8	9.08	210.76	25.22	275.8	Sgr
18 Jul 2017	18h20m06.32s	-23 30' 20.8"	2.8770	1.9039	9.6	159.3	7.2	8.72	211.78	24.65	276.1	Sgr
19 Jul 2017	18h19m25.00s	-23 29' 22.8"	2.8778	1.9096	9.7	158.2	7.5	8.35	212.79	24.06	276.3	Sgr
20 Jul 2017	18h18m44.72s	-23 28' 24.1"	2.8786	1.9155	9.7	157.1	7.9	7.98	213.79	23.45	276.5	Sgr
21 Jul 2017	18h18m05.53s	-23 27' 24.6"	2.8794	1.9216	9.7	155.9	8.3	7.59	214.78	22.81	276.8	Sgr
22 Jul 2017	18h17m27.47s	-23 26' 24.5"	2.8803	1.9280	9.7	154.8	8.6	7.20	215.76	22.15	277.1	Sgr
23 Jul 2017	18h16m50.58s	-23 25' 23.9"	2.8811	1.9346	9.8	153.8	9.0	6.80	216.73	21.47	277.4	Sgr
24 Jul 2017	18h16m14.90s	-23 24' 22.7"	2.8819	1.9415	9.8	152.7	9.3	6.39	217.70	20.77	277.7	Sgr
25 Jul 2017	18h15m40.45s	-23 23' 21.1"	2.8827	1.9485	9.8	151.6	9.7	5.98	218.65	20.04	278.0	Sgr
26 Jul 2017	18h15m07.28s	-23 22' 19.1"	2.8835	1.9559	9.8	150.5	10.0	5.56	219.60	19.31	278.4	Sgr
27 Jul 2017	18h14m35.41s	-23 21' 16.8"	2.8843	1.9634	9.9	149.4	10.3	5.13	220.54	18.55	278.8	Sgr

Ephemeride des Kleinplaneten (10) Hygiea

Datum	RA	Deklination	r	delta	mag	Elong	Phase	Höhe	Az.	Gesch.	PA	Stb
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28 Jul 2017	18h14m04.86s	-23 20' 14.2"	2.8852	1.9711	9.9	148.3	10.6	4.69	221.47	17.78	279.2	Sgr
29 Jul 2017	18h13m35.67s	-23 19' 11.5"	2.8860	1.9791	9.9	147.3	11.0	4.25	222.39	17.00	279.6	Sgr
30 Jul 2017	18h13m07.86s	-23 18' 08.6"	2.8868	1.9873	9.9	146.2	11.3	3.81	223.30	16.21	280.1	Sgr
31 Jul 2017	18h12m41.43s	-23 17' 05.6"	2.8877	1.9957	9.9	145.2	11.6	3.36	224.20	15.40	280.7	Sgr
1 Aug 2017	18h12m16.42s	-23 16' 02.7"	2.8885	2.0043	10.0	144.1	11.9	2.90	225.09	14.59	281.3	Sgr
2 Aug 2017	18h11m52.84s	-23 14' 59.7"	2.8893	2.0131	10.0	143.1	12.2	2.44	225.97	13.78	282.0	Sgr
3 Aug 2017	18h11m30.70s	-23 13' 56.8"	2.8902	2.0221	10.0	142.0	12.5	1.97	226.85	12.95	282.7	Sgr
4 Aug 2017	18h11m10.01s	-23 12' 54.1"	2.8910	2.0313	10.0	141.0	12.8	1.50	227.71	12.12	283.6	Sgr
5 Aug 2017	18h10m50.78s	-23 11' 51.5"	2.8919	2.0407	10.0	139.9	13.0	1.03	228.57	11.29	284.6	Sgr
6 Aug 2017	18h10m33.03s	-23 10' 49.1"	2.8927	2.0503	10.1	138.9	13.3	0.55	229.42	10.46	285.7	Sgr
7 Aug 2017	18h10m16.76s	-23 09' 46.9"	2.8936	2.0601	10.1	137.9	13.6	0.07	230.26	9.63	287.1	Sgr
8 Aug 2017	18h10m01.97s	-23 08' 45.0"	2.8944	2.0700	10.1	136.9	13.9	-0.42	231.09	8.80	288.7	Sgr
9 Aug 2017	18h09m48.68s	-23 07' 43.4"	2.8953	2.0801	10.1	135.9	14.1	-0.91	231.92	7.98	290.6	Sgr
10 Aug 2017	18h09m36.88s	-23 06' 42.2"	2.8961	2.0904	10.2	134.9	14.4	-1.40	232.73	7.16	293.0	Sgr
11 Aug 2017	18h09m26.58s	-23 05' 41.2"	2.8970	2.1009	10.2	133.9	14.6	-1.89	233.54	6.36	295.9	Sgr
12 Aug 2017	18h09m17.78s	-23 04' 40.6"	2.8979	2.1115	10.2	132.9	14.8	-2.39	234.34	5.58	299.7	Sgr
13 Aug 2017	18h09m10.48s	-23 03' 40.4"	2.8987	2.1223	10.2	131.9	15.1	-2.88	235.13	4.83	304.7	Sgr
14 Aug 2017	18h09m04.68s	-23 02' 40.5"	2.8996	2.1332	10.2	130.9	15.3	-3.38	235.92	4.13	311.5	Sgr
15 Aug 2017	18h09m00.39s	-23 01' 41.1"	2.9005	2.1444	10.3	129.9	15.5	-3.88	236.70	3.50	320.8	Sgr