







Ephemeride des Kleinplaneten (1) Ceres

<u>Datum</u>	<u>RA</u>	<u>Deklination</u>	<u>r</u>	<u>delta</u>	<u>mag</u>	<u>Elong</u>	<u>Phase</u>	<u>Höhe</u>	<u>Az.</u>	<u>Gesch.</u>	<u>PA</u>	<u>Stb</u>
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15 Mar 2024	18h50m26.64s	-23 13' 20.1"	2.8196	2.9453	8.9	73.0	19.7	-21.68	100.36	42.44	92.9	Sgr
16 Mar 2024	18h51m40.09s	-23 14' 06.7"	2.8203	2.9329	8.9	73.7	19.8	-21.27	100.88	41.99	92.9	Sgr
17 Mar 2024	18h52m52.78s	-23 14' 53.3"	2.8211	2.9204	8.9	74.4	19.9	-20.87	101.39	41.54	93.0	Sgr
18 Mar 2024	18h54m04.69s	-23 15' 40.1"	2.8219	2.9079	8.9	75.1	19.9	-20.46	101.91	41.08	93.0	Sgr
19 Mar 2024	18h55m15.81s	-23 16' 27.1"	2.8227	2.8954	8.9	75.9	20.0	-20.06	102.43	40.62	93.1	Sgr
20 Mar 2024	18h56m26.14s	-23 17' 14.5"	2.8234	2.8828	8.9	76.6	20.1	-19.65	102.95	40.15	93.1	Sgr
21 Mar 2024	18h57m35.66s	-23 18' 02.4"	2.8242	2.8702	8.9	77.3	20.1	-19.24	103.47	39.68	93.2	Sgr
22 Mar 2024	18h58m44.36s	-23 18' 50.8"	2.8250	2.8575	8.9	78.1	20.2	-18.83	103.99	39.20	93.3	Sgr
23 Mar 2024	18h59m52.24s	-23 19' 39.8"	2.8258	2.8449	8.9	78.8	20.2	-18.42	104.52	38.71	93.3	Sgr
24 Mar 2024	19h00m59.28s	-23 20' 29.6"	2.8265	2.8321	8.9	79.5	20.3	-18.01	105.05	38.22	93.4	Sgr
25 Mar 2024	19h02m05.46s	-23 21' 20.3"	2.8273	2.8194	8.9	80.3	20.3	-17.60	105.58	37.72	93.5	Sgr
26 Mar 2024	19h03m10.78s	-23 22' 11.9"	2.8281	2.8066	8.9	81.0	20.4	-17.19	106.11	37.21	93.7	Sgr
27 Mar 2024	19h04m15.23s	-23 23' 04.6"	2.8288	2.7938	8.8	81.8	20.4	-16.77	106.65	36.70	93.8	Sgr
28 Mar 2024	19h05m18.79s	-23 23' 58.4"	2.8296	2.7809	8.8	82.5	20.5	-16.36	107.19	36.18	93.9	Sgr
29 Mar 2024	19h06m21.44s	-23 24' 53.6"	2.8304	2.7681	8.8	83.3	20.5	-15.95	107.73	35.65	94.1	Sgr
30 Mar 2024	19h07m23.18s	-23 25' 50.1"	2.8311	2.7552	8.8	84.0	20.5	-15.53	108.27	35.12	94.2	Sgr
31 Mar 2024	19h08m23.99s	-23 26' 48.1"	2.8319	2.7423	8.8	84.8	20.6	-15.11	108.82	34.57	94.4	Sgr
1 Apr 2024	19h09m23.85s	-23 27' 47.8"	2.8326	2.7293	8.8	85.5	20.6	-14.70	109.37	34.02	94.6	Sgr
2 Apr 2024	19h10m22.76s	-23 28' 49.1"	2.8334	2.7164	8.8	86.3	20.6	-14.28	109.92	33.47	94.8	Sgr
3 Apr 2024	19h11m20.69s	-23 29' 52.3"	2.8342	2.7034	8.8	87.1	20.6	-13.86	110.48	32.90	95.0	Sgr
4 Apr 2024	19h12m17.63s	-23 30' 57.4"	2.8349	2.6904	8.8	87.8	20.6	-13.44	111.04	32.32	95.3	Sgr
5 Apr 2024	19h13m13.56s	-23 32' 04.5"	2.8357	2.6775	8.8	88.6	20.7	-13.03	111.61	31.74	95.5	Sgr
6 Apr 2024	19h14m08.47s	-23 33' 13.9"	2.8364	2.6645	8.8	89.4	20.7	-12.61	112.18	31.15	95.8	Sgr
7 Apr 2024	19h15m02.34s	-23 34' 25.5"	2.8372	2.6515	8.7	90.2	20.7	-12.19	112.75	30.55	96.1	Sgr
8 Apr 2024	19h15m55.16s	-23 35' 39.5"	2.8379	2.6385	8.7	91.0	20.7	-11.77	113.32	29.94	96.4	Sgr
9 Apr 2024	19h16m46.90s	-23 36' 56.0"	2.8387	2.6255	8.7	91.8	20.7	-11.35	113.90	29.33	96.8	Sgr
10 Apr 2024	19h17m37.56s	-23 38' 15.2"	2.8394	2.6125	8.7	92.6	20.6	-10.93	114.49	28.71	97.1	Sgr
11 Apr 2024	19h18m27.12s	-23 39' 37.0"	2.8402	2.5996	8.7	93.4	20.6	-10.52	115.08	28.09	97.5	Sgr
12 Apr 2024	19h19m15.57s	-23 41' 01.7"	2.8409	2.5866	8.7	94.2	20.6	-10.10	115.67	27.45	97.9	Sgr
13 Apr 2024	19h20m02.89s	-23 42' 29.4"	2.8417	2.5737	8.7	95.0	20.6	-9.68	116.27	26.82	98.4	Sgr
14 Apr 2024	19h20m49.08s	-23 44' 00.1"	2.8424	2.5607	8.7	95.8	20.6	-9.26	116.87	26.18	98.9	Sgr
15 Apr 2024	19h21m34.11s	-23 45' 33.9"	2.8432	2.5478	8.7	96.6	20.5	-8.84	117.48	25.53	99.4	Sgr
16 Apr 2024	19h22m17.98s	-23 47' 11.0"	2.8439	2.5350	8.6	97.4	20.5	-8.43	118.09	24.88	100.0	Sgr
17 Apr 2024	19h23m00.67s	-23 48' 51.4"	2.8447	2.5221	8.6	98.2	20.4	-8.01	118.71	24.23	100.6	Sgr
18 Apr 2024	19h23m42.18s	-23 50' 35.2"	2.8454	2.5093	8.6	99.0	20.4	-7.60	119.34	23.57	101.3	Sgr
19 Apr 2024	19h24m22.48s	-23 52' 22.6"	2.8462	2.4965	8.6	99.9	20.3	-7.18	119.96	22.91	102.0	Sgr
20 Apr 2024	19h25m01.56s	-23 54' 13.6"	2.8469	2.4837	8.6	100.7	20.3	-6.77	120.60	22.24	102.7	Sgr
21 Apr 2024	19h25m39.41s	-23 56' 08.3"	2.8476	2.4710	8.6	101.5	20.2	-6.36	121.24	21.57	103.6	Sgr
22 Apr 2024	19h26m16.02s	-23 58' 06.8"	2.8484	2.4583	8.6	102.4	20.2	-5.95	121.88	20.91	104.5	Sgr
23 Apr 2024	19h26m51.36s	-24 00' 09.1"	2.8491	2.4457	8.6	103.2	20.1	-5.54	122.54	20.23	105.4	Sgr
24 Apr 2024	19h27m25.43s	-24 02' 15.5"	2.8498	2.4331	8.5	104.1	20.0	-5.13	123.19	19.56	106.5	Sgr
25 Apr 2024	19h27m58.21s	-24 04' 25.8"	2.8506	2.4206	8.5	104.9	19.9	-4.72	123.86	18.89	107.6	Sgr
26 Apr 2024	19h28m29.69s	-24 06' 40.3"	2.8513	2.4081	8.5	105.8	19.9	-4.32	124.53	18.22	108.9	Sgr
27 Apr 2024	19h28m59.84s	-24 08' 59.1"	2.8520	2.3957	8.5	106.7	19.8	-3.91	125.20	17.55	110.2	Sgr
28 Apr 2024	19h29m28.66s	-24 11' 22.1"	2.8528	2.3833	8.5	107.5	19.7	-3.51	125.89	16.89	111.7	Sgr
29 Apr 2024	19h29m56.12s	-24 13' 49.4"	2.8535	2.3710	8.5	108.4	19.6	-3.11	126.58	16.22	113.4	Sgr
30 Apr 2024	19h30m22.22s	-24 16' 21.3"	2.8542	2.3587	8.5	109.3	19.5	-2.72	127.27	15.57	115.2	Sgr
1 Mai 2024	19h30m46.92s	-24 18' 57.6"	2.8549	2.3465	8.4	110.2	19.3	-2.32	127.98	14.93	117.1	Sgr
2 Mai 2024	19h31m10.22s	-24 21' 38.4"	2.8557	2.3344	8.4	111.0	19.2	-1.93	128.69	14.30	119.3	Sgr
3 Mai 2024	19h31m32.11s	-24 24' 24.0"	2.8564	2.3224	8.4	111.9	19.1	-1.54	129.40	13.68	121.7	Sgr
4 Mai 2024	19h31m52.55s	-24 27' 14.2"	2.8571	2.3105	8.4	112.8	19.0	-1.15	130.13	13.09	124.4	Sgr
5 Mai 2024	19h32m11.54s	-24 30' 09.2"	2.8578	2.2986	8.4	113.7	18.8	-0.77	130.86	12.52	127.3	Sgr
6 Mai 2024	19h32m29.07s	-24 33' 08.9"	2.8585	2.2868	8.4	114.6	18.7	-0.39	131.60	11.98	130.5	Sgr
7 Mai 2024	19h32m45.11s	-24 36' 13.5"	2.8593	2.2751	8.4	115.6	18.6	-0.01	132.35	11.48	134.1	Sgr
8 Mai 2024	19h32m59.66s	-24 39' 23.0"	2.8600	2.2635	8.3	116.5	18.4	0.36	133.11	11.02	138.0	Sgr
9 Mai 2024	19h33m12.70s	-24 42' 37.4"	2.8607	2.2520	8.3	117.4	18.3	0.73	133.87	10.62	142.2	Sgr
10 Mai 2024	19h33m24.23s	-24 45' 56.7"	2.8614	2.2406	8.3	118.3	18.1	1.09	134.64	10.28	146.7	Sgr
11 Mai 2024	19h33m34.23s	-24 49' 20.9"	2.8621	2.2294	8.3	119.3	17.9	1.46	135.42	10.00	151.6	Sgr
12 Mai 2024	19h33m42.70s	-24 52' 50.1"	2.8628	2.2182	8.3	120.2	17.8	1.81	136.21	9.80	156.7	Sgr
13 Mai 2024	19h33m49.63s	-24 56' 24.2"	2.8635	2.2071	8.3	121.2	17.6	2.17	137.00	9.68	162.0	Sgr
14 Mai 2024	19h33m55.01s	-25 00' 03.2"	2.8642	2.1962	8.2	122.1	17.4	2.51	137.81	9.64	167.4	Sgr
15 Mai 2024	19h33m58.83s	-25 03' 47.1"	2.8650	2.1854	8.2	123.1	17.2	2.86	138.62	9.68	172.9	Sgr
16 Mai 2024	19h34m01.09s	-25 07' 35.8"	2.8657	2.1747	8.2	124.0	17.0	3.19	139.44	9.81	178.2	Sgr
17 Mai 2024	19h34m01.79s	-25 11' 29.4"	2.8664	2.1642	8.2	125.0	16.8	3.53	140.27	10.02	183.4	Sgr
18 Mai 2024	19h34m00.91s	-25 15' 27.8"	2.8671	2.1538	8.2	126.0	16.6	3.85	141.11	10.31	188.3	Sgr
19 Mai 2024	19h33m58.45s	-25 19' 31.0"	2.8678	2.1435	8.2	126.9	16.4	4.17	141.95	10.67	193.0	Sgr
20 Mai 2024	19h33m54.41s	-25 23' 38.8"	2.8685	2.1333	8.1	127.9	16.2	4.49	142.81	11.09	197.3	Sgr
21 Mai 2024	19h33m48.78s	-25 27' 51.3"	2.8692	2.1234	8.1	128.9	15.9	4.80	143.67	11.56	201.3	Sgr
22 Mai 2024	19h33m41.56s	-25 32' 08.3"	2.8698	2.1135	8.1	129.9	15.7	5.10	144.54	12.09	205.0	Sgr
23 Mai 2024	19h33m32.75s	-25 36' 29.8"	2.8705	2.1038	8.1	130.9	15.5	5.39	145.43	12.66	208.3	Sgr
24 Mai 2024	19h33m22.34s	-25 40' 55.7"	2.8712	2.0943	8.1	131.9	15.2	5.68	146.31	13.26	211.4	Sgr
25 Mai 2024	19h33m10.34s	-25 45' 25.9"	2.8719	2.0849	8.1	132.9	15.0	5.96	147.21	13.90	214.2	Sgr
26 Mai 2024	19h32m56.74s	-25 50' 00.3"	2.8726	2.0757	8.0	133.9	14.7	6.23	148.12	14.56	216.8	Sgr
27 Mai 2024	19h32m41.55s	-25 54' 38.7"	2.8733	2.0667	8.0	134.9	14.5	6.50	149.03	15.25	219.1	Sgr

Ephemeride des Kleinplaneten (1) Ceres

Datum	RA	Deklination	r	delta	mag	Elong	Phase	Höhe	Az.	Gesch.	PA	Stb
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28 Mai 2024	19h32m24.75s	-25 59' 21.2"	2.8740	2.0579	8.0	136.0	14.2	6.76	149.96	15.95	221.3	Sgr
29 Mai 2024	19h32m06.36s	-26 04' 07.5"	2.8747	2.0492	8.0	137.0	13.9	7.00	150.89	16.66	223.2	Sgr
30 Mai 2024	19h31m46.38s	-26 08' 57.5"	2.8754	2.0407	8.0	138.0	13.6	7.24	151.83	17.39	225.1	Sgr
31 Mai 2024	19h31m24.81s	-26 13' 51.1"	2.8760	2.0324	7.9	139.1	13.4	7.47	152.78	18.13	226.7	Sgr
1 Jun 2024	19h31m01.67s	-26 18' 48.1"	2.8767	2.0243	7.9	140.1	13.1	7.69	153.74	18.87	228.3	Sgr
2 Jun 2024	19h30m36.95s	-26 23' 48.4"	2.8774	2.0163	7.9	141.2	12.8	7.91	154.70	19.61	229.7	Sgr
3 Jun 2024	19h30m10.67s	-26 28' 51.7"	2.8781	2.0086	7.9	142.2	12.5	8.11	155.67	20.35	231.0	Sgr
4 Jun 2024	19h29m42.84s	-26 33' 57.9"	2.8788	2.0011	7.9	143.3	12.2	8.30	156.65	21.09	232.2	Sgr
5 Jun 2024	19h29m13.48s	-26 39' 06.8"	2.8794	1.9938	7.9	144.3	11.9	8.48	157.64	21.83	233.4	Sgr
6 Jun 2024	19h28m42.62s	-26 44' 18.1"	2.8801	1.9866	7.8	145.4	11.5	8.66	158.64	22.55	234.5	Sgr
7 Jun 2024	19h28m10.26s	-26 49' 31.7"	2.8808	1.9798	7.8	146.5	11.2	8.82	159.64	23.27	235.5	Sgr
8 Jun 2024	19h27m36.44s	-26 54' 47.4"	2.8814	1.9731	7.8	147.5	10.9	8.97	160.65	23.97	236.4	Sgr
9 Jun 2024	19h27m01.18s	-27 00' 04.8"	2.8821	1.9666	7.8	148.6	10.6	9.11	161.67	24.66	237.3	Sgr
10 Jun 2024	19h26m24.51s	-27 05' 23.7"	2.8828	1.9604	7.8	149.7	10.2	9.23	162.69	25.34	238.1	Sgr
11 Jun 2024	19h25m46.46s	-27 10' 44.0"	2.8834	1.9544	7.7	150.8	9.9	9.35	163.72	26.00	238.9	Sgr
12 Jun 2024	19h25m07.06s	-27 16' 05.3"	2.8841	1.9487	7.7	151.8	9.6	9.46	164.75	26.64	239.7	Sgr
13 Jun 2024	19h24m26.35s	-27 21' 27.3"	2.8848	1.9432	7.7	152.9	9.2	9.55	165.79	27.26	240.4	Sgr
14 Jun 2024	19h23m42.35s	-27 26' 49.9"	2.8854	1.9379	7.7	154.0	8.9	9.63	166.84	27.87	241.1	Sgr
15 Jun 2024	19h23m01.10s	-27 32' 12.7"	2.8861	1.9328	7.7	155.1	8.5	9.70	167.89	28.45	241.7	Sgr
16 Jun 2024	19h22m16.65s	-27 37' 35.5"	2.8867	1.9281	7.6	156.2	8.2	9.75	168.95	29.01	242.3	Sgr
17 Jun 2024	19h21m31.03s	-27 42' 58.0"	2.8874	1.9235	7.6	157.3	7.8	9.80	170.01	29.54	242.9	Sgr
18 Jun 2024	19h20m44.28s	-27 48' 19.9"	2.8880	1.9192	7.6	158.4	7.5	9.83	171.07	30.05	243.5	Sgr
19 Jun 2024	19h19m56.45s	-27 53' 40.9"	2.8887	1.9152	7.6	159.4	7.1	9.84	172.14	30.54	244.1	Sgr
20 Jun 2024	19h19m07.58s	-27 59' 00.9"	2.8893	1.9114	7.6	160.5	6.7	9.85	173.21	31.01	244.6	Sgr
21 Jun 2024	19h18m17.71s	-28 04' 19.4"	2.8900	1.9079	7.5	161.6	6.4	9.84	174.28	31.44	245.1	Sgr
22 Jun 2024	19h17m26.88s	-28 09' 36.3"	2.8906	1.9046	7.5	162.7	6.0	9.82	175.36	31.85	245.6	Sgr
23 Jun 2024	19h16m35.16s	-28 14' 51.2"	2.8913	1.9016	7.5	163.7	5.7	9.78	176.43	32.23	246.1	Sgr
24 Jun 2024	19h15m42.58s	-28 20' 03.9"	2.8919	1.8989	7.5	164.8	5.3	9.73	177.51	32.59	246.6	Sgr
25 Jun 2024	19h14m49.19s	-28 25' 14.2"	2.8926	1.8964	7.5	165.8	4.9	9.67	178.59	32.91	247.1	Sgr
26 Jun 2024	19h13m55.04s	-28 30' 21.8"	2.8932	1.8942	7.4	166.8	4.6	9.60	179.67	33.21	247.5	Sgr
27 Jun 2024	19h13m00.20s	-28 35' 26.3"	2.8938	1.8923	7.4	167.8	4.3	9.51	180.76	33.48	247.9	Sgr
28 Jun 2024	19h12m04.71s	-28 40' 27.6"	2.8945	1.8906	7.4	168.8	3.9	9.41	181.84	33.71	248.4	Sgr
29 Jun 2024	19h11m08.63s	-28 45' 25.5"	2.8951	1.8892	7.4	169.7	3.6	9.29	182.92	33.92	248.8	Sgr
30 Jun 2024	19h10m12.01s	-28 50' 19.6"	2.8957	1.8881	7.4	170.5	3.3	9.17	184.00	34.09	249.2	Sgr
1 Jul 2024	19h09m14.93s	-28 55' 09.7"	2.8964	1.8872	7.3	171.3	3.0	9.03	185.08	34.22	249.6	Sgr
2 Jul 2024	19h08m17.44s	-28 59' 55.6"	2.8970	1.8867	7.3	172.0	2.8	8.87	186.15	34.32	250.0	Sgr
3 Jul 2024	19h07m19.61s	-29 04' 37.1"	2.8976	1.8864	7.3	172.6	2.6	8.71	187.23	34.39	250.4	Sgr
4 Jul 2024	19h06m21.51s	-29 09' 13.9"	2.8982	1.8864	7.3	173.0	2.4	8.53	188.30	34.41	250.8	Sgr
5 Jul 2024	19h05m23.20s	-29 13' 45.9"	2.8989	1.8866	7.3	173.3	2.3	8.34	189.37	34.41	251.2	Sgr
6 Jul 2024	19h04m24.75s	-29 18' 12.8"	2.8995	1.8872	7.3	173.3	2.3	8.13	190.44	34.36	251.5	Sgr
7 Jul 2024	19h03m26.23s	-29 22' 34.5"	2.9001	1.8880	7.3	173.2	2.4	7.91	191.50	34.28	251.9	Sgr
8 Jul 2024	19h02m27.70s	-29 26' 50.7"	2.9007	1.8891	7.3	172.9	2.5	7.69	192.56	34.16	252.2	Sgr
9 Jul 2024	19h01m29.24s	-29 31' 01.4"	2.9013	1.8905	7.3	172.3	2.7	7.44	193.61	34.01	252.6	Sgr
10 Jul 2024	19h00m30.92s	-29 35' 06.4"	2.9019	1.8922	7.3	171.7	2.9	7.19	194.66	33.82	252.9	Sgr
11 Jul 2024	18h59m32.80s	-29 39' 05.6"	2.9026	1.8941	7.4	171.0	3.2	6.93	195.71	33.60	253.3	Sgr
12 Jul 2024	18h58m34.94s	-29 42' 58.7"	2.9032	1.8964	7.4	170.1	3.4	6.65	196.74	33.34	253.6	Sgr
13 Jul 2024	18h57m37.42s	-29 46' 45.8"	2.9038	1.8989	7.4	169.2	3.7	6.37	197.78	33.05	253.9	Sgr
14 Jul 2024	18h56m40.30s	-29 50' 26.8"	2.9044	1.9016	7.4	168.3	4.1	6.07	198.81	32.72	254.2	Sgr
15 Jul 2024	18h55m43.63s	-29 54' 01.5"	2.9050	1.9047	7.4	167.3	4.4	5.76	199.83	32.37	254.6	Sgr
16 Jul 2024	18h54m47.49s	-29 57' 29.8"	2.9056	1.9080	7.5	166.3	4.7	5.44	200.84	31.98	254.9	Sgr
17 Jul 2024	18h53m51.93s	-30 00' 51.9"	2.9062	1.9116	7.5	165.3	5.1	5.12	201.85	31.57	255.2	Sgr
18 Jul 2024	18h52m57.01s	-30 04' 07.5"	2.9068	1.9154	7.5	164.3	5.4	4.78	202.85	31.12	255.5	Sgr
19 Jul 2024	18h52m02.79s	-30 07' 16.7"	2.9074	1.9195	7.5	163.2	5.8	4.43	203.84	30.65	255.8	Sgr
20 Jul 2024	18h51m09.33s	-30 10' 19.4"	2.9080	1.9239	7.6	162.2	6.1	4.08	204.83	30.14	256.1	Sgr
21 Jul 2024	18h50m16.66s	-30 13' 15.8"	2.9086	1.9285	7.6	161.1	6.5	3.71	205.81	29.62	256.4	Sgr
22 Jul 2024	18h49m24.86s	-30 16' 05.7"	2.9092	1.9334	7.6	160.0	6.8	3.34	206.78	29.07	256.7	Sgr
23 Jul 2024	18h48m33.96s	-30 18' 49.1"	2.9097	1.9386	7.6	159.0	7.2	2.96	207.75	28.49	256.9	Sgr
24 Jul 2024	18h47m44.02s	-30 21' 26.2"	2.9103	1.9440	7.6	157.9	7.5	2.57	208.70	27.89	257.2	Sgr
25 Jul 2024	18h46m55.08s	-30 23' 57.0"	2.9109	1.9496	7.7	156.8	7.9	2.17	209.65	27.27	257.5	Sgr
26 Jul 2024	18h46m07.19s	-30 26' 21.4"	2.9115	1.9555	7.7	155.7	8.2	1.76	210.59	26.63	257.8	Sgr
27 Jul 2024	18h45m20.40s	-30 28' 39.6"	2.9121	1.9616	7.7	154.7	8.6	1.35	211.52	25.96	258.1	Sgr
28 Jul 2024	18h44m34.74s	-30 30' 51.6"	2.9127	1.9680	7.7	153.6	8.9	0.93	212.45	25.27	258.4	Sgr
29 Jul 2024	18h43m50.28s	-30 32' 57.4"	2.9132	1.9746	7.8	152.5	9.3	0.51	213.36	24.56	258.6	Sgr
30 Jul 2024	18h43m07.04s	-30 34' 57.2"	2.9138	1.9815	7.8	151.4	9.6	0.08	214.27	23.83	258.9	Sgr
31 Jul 2024	18h42m25.06s	-30 36' 51.0"	2.9144	1.9886	7.8	150.4	9.9	-0.36	215.17	23.09	259.2	Sgr
1 Aug 2024	18h41m44.40s	-30 38' 38.9"	2.9150	1.9959	7.8	149.3	10.2	-0.80	216.06	22.32	259.4	Sgr
2 Aug 2024	18h41m05.09s	-30 40' 21.0"	2.9155	2.0034	7.8	148.2	10.6	-1.25	216.94	21.53	259.7	Sgr
3 Aug 2024	18h40m27.15s	-30 41' 57.4"	2.9161	2.0112	7.9	147.1	10.9	-1.70	217.81	20.73	260.0	Sgr
4 Aug 2024	18h39m50.64s	-30 43' 28.2"	2.9167	2.0192	7.9	146.1	11.2	-2.16	218.68	19.91	260.3	Sgr
5 Aug 2024	18h39m15.57s	-30 44' 53.5"	2.9172	2.0274	7.9	145.0	11.5	-2.62	219.54	19.08	260.5	Sgr
6 Aug 2024	18h38m41.98s	-30 46' 13.4"	2.9178	2.0358	7.9	144.0	11.8	-3.08	220.39	18.24	260.8	Sgr
7 Aug 2024	18h38m09.89s	-30 47' 28.0"	2.9183	2.0445	7.9	142.9	12.1	-3.55	221.23	17.39	261.1	Sgr
8 Aug 2024	18h37m39.33s	-30 48' 37.5"	2.9189	2.0533	8.0	141.9	12.4	-4.03	222.06	16.52	261.4	Sgr
9 Aug 2024	18h37m10.32s	-30 49' 41.9"	2.9195	2.0623	8.0	140.8	12.7	-4.50	222.89	15.65	261.7	Sgr

Ephemeride des Kleinplaneten (1) Ceres

Datum	RA	Deklination	r	delta	mag	Elong	Phase	Höhe	Az.	Gesch.	PA	Stb
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10 Aug 2024	18h36m42.88s	-30 50' 41.4"	2.9200	2.0715	8.0	139.8	13.0	-4.98	223.70	14.76	262.0	Sgr
11 Aug 2024	18h36m17.02s	-30 51' 36.1"	2.9206	2.0810	8.0	138.8	13.2	-5.47	224.51	13.87	262.3	Sgr
12 Aug 2024	18h35m52.76s	-30 52' 26.1"	2.9211	2.0906	8.0	137.7	13.5	-5.95	225.31	12.98	262.6	Sgr
13 Aug 2024	18h35m30.11s	-30 53' 11.6"	2.9217	2.1004	8.1	136.7	13.8	-6.44	226.11	12.08	262.9	Sgr
14 Aug 2024	18h35m09.09s	-30 53' 52.6"	2.9222	2.1103	8.1	135.7	14.0	-6.93	226.89	11.18	263.3	Sgr
15 Aug 2024	18h34m49.69s	-30 54' 29.3"	2.9228	2.1205	8.1	134.7	14.3	-7.42	227.67	10.27	263.7	Sgr
16 Aug 2024	18h34m31.94s	-30 55' 01.8"	2.9233	2.1308	8.1	133.7	14.5	-7.91	228.44	9.37	264.2	Sgr
17 Aug 2024	18h34m15.82s	-30 55' 30.2"	2.9238	2.1413	8.1	132.7	14.8	-8.41	229.20	8.46	264.7	Sgr
18 Aug 2024	18h34m01.35s	-30 55' 54.7"	2.9244	2.1519	8.2	131.7	15.0	-8.91	229.96	7.56	265.3	Sgr
19 Aug 2024	18h33m48.53s	-30 56' 15.3"	2.9249	2.1627	8.2	130.7	15.2	-9.40	230.71	6.65	266.1	Sgr
20 Aug 2024	18h33m37.34s	-30 56' 32.1"	2.9254	2.1737	8.2	129.7	15.4	-9.90	231.45	5.75	267.0	Sgr
21 Aug 2024	18h33m27.79s	-30 56' 45.3"	2.9260	2.1848	8.2	128.7	15.7	-10.40	232.18	4.85	268.2	Sgr
22 Aug 2024	18h33m19.89s	-30 56' 55.0"	2.9265	2.1961	8.2	127.7	15.9	-10.90	232.91	3.96	269.9	Sgr
23 Aug 2024	18h33m13.63s	-30 57' 01.2"	2.9270	2.2075	8.3	126.8	16.1	-11.40	233.63	3.07	272.5	Sgr
24 Aug 2024	18h33m09.01s	-30 57' 04.1"	2.9276	2.2190	8.3	125.8	16.3	-11.91	234.35	2.20	277.1	Sgr
25 Aug 2024	18h33m06.02s	-30 57' 03.7"	2.9281	2.2307	8.3	124.8	16.5	-12.41	235.06	1.36	287.3	Sgr
26 Aug 2024	18h33m04.66s	-30 57' 00.1"	2.9286	2.2425	8.3	123.9	16.6	-12.91	235.76	0.67	322.6	Sgr
27 Aug 2024	18h33m04.53s	-30 56' 53.4"	2.9291	2.2544	8.3	122.9	16.8	-13.41	236.46	0.81	35.7	Sgr
28 Aug 2024	18h33m06.83s	-30 56' 43.8"	2.9296	2.2665	8.4	122.0	17.0	-13.92	237.15	1.57	60.0	Sgr
29 Aug 2024	18h33m10.35s	-30 56' 31.1"	2.9301	2.2787	8.4	121.0	17.2	-14.42	237.84	2.41	68.0	Sgr
30 Aug 2024	18h33m15.48s	-30 56' 15.7"	2.9307	2.2910	8.4	120.1	17.3	-14.92	238.52	3.27	71.8	Sgr
1 Sep 2024	18h33m22.21s	-30 55' 57.4"	2.9312	2.3034	8.4	119.2	17.5	-15.42	239.19	4.14	74.1	Sgr
2 Sep 2024	18h33m30.55s	-30 55' 36.4"	2.9317	2.3159	8.4	118.2	17.7	-15.92	239.86	5.00	75.6	Sgr
3 Sep 2024	18h33m40.48s	-30 55' 12.7"	2.9322	2.3286	8.4	117.3	17.8	-16.42	240.52	5.86	76.6	Sgr
4 Sep 2024	18h33m51.99s	-30 54' 46.4"	2.9327	2.3413	8.5	116.4	17.9	-16.92	241.18	6.72	77.4	Sgr
5 Sep 2024	18h34m05.07s	-30 54' 17.6"	2.9332	2.3542	8.5	115.5	18.1	-17.42	241.84	7.57	78.1	Sgr
6 Sep 2024	18h34m19.70s	-30 53' 46.3"	2.9337	2.3671	8.5	114.6	18.2	-17.92	242.49	8.42	78.6	Sgr
7 Sep 2024	18h34m35.88s	-30 53' 12.5"	2.9342	2.3801	8.5	113.7	18.3	-18.41	243.13	9.26	79.0	Sgr
8 Sep 2024	18h34m53.59s	-30 52' 36.3"	2.9347	2.3933	8.5	112.8	18.5	-18.91	243.77	10.09	79.4	Sgr
9 Sep 2024	18h35m12.82s	-30 51' 57.7"	2.9352	2.4065	8.5	111.9	18.6	-19.40	244.41	10.91	79.7	Sgr
10 Sep 2024	18h35m33.54s	-30 51' 16.8"	2.9357	2.4197	8.6	111.0	18.7	-19.89	245.04	11.73	79.9	Sgr
11 Sep 2024	18h35m55.75s	-30 50' 33.7"	2.9361	2.4331	8.6	110.1	18.8	-20.38	245.66	12.53	80.1	Sgr
12 Sep 2024	18h36m19.43s	-30 49' 48.2"	2.9366	2.4465	8.6	109.3	18.9	-20.87	246.29	13.33	80.3	Sgr
13 Sep 2024	18h36m44.55s	-30 49' 00.6"	2.9371	2.4600	8.6	108.4	19.0	-21.36	246.91	14.12	80.5	Sgr
14 Sep 2024	18h37m11.11s	-30 48' 10.7"	2.9376	2.4736	8.6	107.5	19.1	-21.85	247.52	14.89	80.7	Sgr
15 Sep 2024	18h37m39.08s	-30 47' 18.7"	2.9381	2.4872	8.6	106.7	19.1	-22.33	248.14	15.66	80.8	Sgr
16 Sep 2024	18h38m08.45s	-30 46' 24.5"	2.9386	2.5008	8.6	105.8	19.2	-22.82	248.75	16.42	80.9	Sgr
17 Sep 2024	18h38m39.19s	-30 45' 28.2"	2.9390	2.5146	8.7	104.9	19.3	-23.30	249.35	17.17	81.0	Sgr
18 Sep 2024	18h39m11.29s	-30 44' 29.7"	2.9395	2.5284	8.7	104.1	19.4	-23.78	249.96	17.91	81.1	Sgr
19 Sep 2024	18h39m44.73s	-30 43' 29.2"	2.9400	2.5422	8.7	103.3	19.4	-24.26	250.56	18.64	81.2	Sgr
20 Sep 2024	18h40m19.48s	-30 42' 26.5"	2.9404	2.5561	8.7	102.4	19.5	-24.74	251.15	19.36	81.3	Sgr
21 Sep 2024	18h40m55.54s	-30 41' 21.7"	2.9409	2.5700	8.7	101.6	19.5	-25.21	251.75	20.07	81.3	Sgr
22 Sep 2024	18h41m32.88s	-30 40' 14.9"	2.9414	2.5840	8.7	100.7	19.6	-25.68	252.34	20.77	81.4	Sgr
23 Sep 2024	18h42m11.49s	-30 39' 05.9"	2.9418	2.5980	8.7	99.9	19.6	-26.15	252.93	21.46	81.5	Sgr
24 Sep 2024	18h42m51.36s	-30 37' 54.8"	2.9423	2.6120	8.8	99.1	19.7	-26.62	253.52	22.15	81.5	Sgr
25 Sep 2024	18h43m32.46s	-30 36' 41.6"	2.9428	2.6261	8.8	98.3	19.7	-27.09	254.11	22.83	81.5	Sgr
26 Sep 2024	18h44m14.79s	-30 35' 26.3"	2.9432	2.6402	8.8	97.4	19.7	-27.56	254.69	23.50	81.6	Sgr
27 Sep 2024	18h44m58.33s	-30 34' 08.9"	2.9437	2.6543	8.8	96.6	19.8	-28.02	255.27	24.17	81.6	Sgr
28 Sep 2024	18h45m43.07s	-30 32' 49.3"	2.9441	2.6684	8.8	95.8	19.8	-28.48	255.86	24.82	81.6	Sgr
29 Sep 2024	18h46m28.98s	-30 31' 27.6"	2.9446	2.6826	8.8	95.0	19.8	-28.94	256.44	25.47	81.6	Sgr
30 Sep 2024	18h47m16.05s	-30 30' 03.7"	2.9450	2.6968	8.8	94.2	19.8	-29.40	257.01	26.11	81.6	Sgr
1 Okt 2024	18h48m04.27s	-30 28' 37.6"	2.9455	2.7110	8.8	93.4	19.8	-29.85	257.59	26.74	81.6	Sgr
	18h48m53.62s	-30 27' 09.3"	2.9459	2.7252	8.9	92.6	19.8	-30.30	258.17	27.36	81.6	Sgr