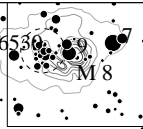
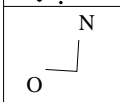


4	●	8	●
5	●	9	●
6	●	10	●
7	●	11	●



Ephemeride des Kleinplaneten (42) Isis

Datum	RA	Deklination	r	delta	mag	Elong	Phase	Höhe	Az.	Gesch.	PA	Stb
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1 Jun 2024	18h50m59.46s	-23 41' 36.9"	2.0565	1.1199	10.3	149.0	14.7	12.54	161.97	21.06	219.1	Sgr
2 Jun 2024	18h50m37.44s	-23 48' 10.2"	2.0545	1.1123	10.3	150.0	14.3	12.63	162.98	22.04	221.0	Sgr
3 Jun 2024	18h50m13.34s	-23 54' 50.0"	2.0524	1.1050	10.3	151.1	13.8	12.71	164.00	23.02	222.8	Sgr
4 Jun 2024	18h49m47.18s	-24 01' 36.2"	2.0504	1.0978	10.2	152.2	13.4	12.78	165.03	24.01	224.5	Sgr
5 Jun 2024	18h49m18.99s	-24 08' 28.5"	2.0484	1.0909	10.2	153.2	12.9	12.83	166.07	24.99	226.0	Sgr
6 Jun 2024	18h48m48.80s	-24 15' 26.6"	2.0464	1.0841	10.2	154.3	12.4	12.88	167.11	25.97	227.3	Sgr
7 Jun 2024	18h48m16.63s	-24 22' 30.4"	2.0444	1.0775	10.1	155.4	11.9	12.91	168.17	26.94	228.6	Sgr
8 Jun 2024	18h47m42.52s	-24 29' 39.4"	2.0424	1.0712	10.1	156.5	11.4	12.93	169.23	27.89	229.7	Sgr
9 Jun 2024	18h47m06.51s	-24 36' 53.4"	2.0405	1.0650	10.1	157.6	10.9	12.93	170.29	28.82	230.8	Sgr
10 Jun 2024	18h46m28.66s	-24 44' 12.1"	2.0385	1.0590	10.0	158.7	10.4	12.92	171.37	29.73	231.8	Sgr
11 Jun 2024	18h45m49.00s	-24 51' 35.1"	2.0366	1.0533	10.0	159.8	9.9	12.90	172.45	30.62	232.7	Sgr
12 Jun 2024	18h45m07.58s	-24 59' 02.0"	2.0346	1.0478	10.0	160.9	9.4	12.86	173.53	31.47	233.6	Sgr
13 Jun 2024	18h44m24.47s	-25 06' 32.4"	2.0327	1.0425	9.9	162.0	8.9	12.81	174.62	32.30	234.4	Sgr
14 Jun 2024	18h43m59.72s	-25 14' 06.1"	2.0308	1.0374	9.9	163.1	8.4	12.75	175.71	33.09	235.1	Sgr
15 Jun 2024	18h42m53.39s	-25 21' 42.5"	2.0289	1.0325	9.9	164.2	7.8	12.67	176.81	33.84	235.8	Sgr
16 Jun 2024	18h42m05.54s	-25 29' 21.2"	2.0270	1.0278	9.8	165.3	7.3	12.57	177.91	34.56	236.4	Sgr
17 Jun 2024	18h41m16.24s	-25 37' 01.9"	2.0251	1.0234	9.8	166.4	6.8	12.46	179.01	35.23	237.1	Sgr
18 Jun 2024	18h40m25.57s	-25 44' 44.1"	2.0232	1.0192	9.8	167.5	6.2	12.34	180.12	35.87	237.6	Sgr
19 Jun 2024	18h39m33.59s	-25 52' 27.3"	2.0213	1.0152	9.7	168.6	5.7	12.20	181.22	36.45	238.2	Sgr
20 Jun 2024	18h38m40.38s	-26 00' 11.1"	2.0195	1.0114	9.7	169.7	5.1	12.05	182.33	37.00	238.7	Sgr
21 Jun 2024	18h37m46.02s	-26 07' 55.1"	2.0176	1.0079	9.7	170.8	4.6	11.88	183.44	37.49	239.2	Sgr
22 Jun 2024	18h36m50.59s	-26 15' 38.9"	2.0158	1.0046	9.6	171.9	4.1	11.70	184.54	37.94	239.6	Sgr
23 Jun 2024	18h35m54.18s	-26 23' 21.9"	2.0140	1.0015	9.6	172.9	3.6	11.51	185.65	38.34	240.1	Sgr
24 Jun 2024	18h34m56.86s	-26 31' 03.7"	2.0122	0.9987	9.5	173.9	3.1	11.30	186.76	38.68	240.5	Sgr
25 Jun 2024	18h33m58.73s	-26 38' 43.9"	2.0103	0.9960	9.5	174.7	2.7	11.07	187.86	38.98	240.9	Sgr
26 Jun 2024	18h32m59.87s	-26 46' 22.1"	2.0086	0.9936	9.5	175.5	2.3	10.83	188.96	39.22	241.3	Sgr
27 Jun 2024	18h32m00.39s	-26 53' 57.8"	2.0068	0.9915	9.4	176.0	2.0	10.58	190.06	39.40	241.6	Sgr
28 Jun 2024	18h31m00.37s	-27 01' 30.6"	2.0050	0.9895	9.4	176.2	1.9	10.32	191.15	39.53	242.0	Sgr
29 Jun 2024	18h29m59.93s	-27 09' 00.0"	2.0033	0.9878	9.4	176.0	2.0	10.04	192.24	39.59	242.3	Sgr
30 Jun 2024	18h28m59.17s	-27 16' 25.8"	2.0015	0.9864	9.4	175.6	2.3	9.75	193.33	39.60	242.6	Sgr
1 Jul 2024	18h27m58.20s	-27 23' 47.4"	1.9998	0.9851	9.5	174.8	2.6	9.44	194.41	39.54	242.9	Sgr
2 Jul 2024	18h26m57.13s	-27 31' 04.5"	1.9981	0.9841	9.5	174.0	3.1	9.12	195.48	39.43	243.1	Sgr
3 Jul 2024	18h25m56.07s	-27 38' 16.8"	1.9964	0.9833	9.5	173.0	3.5	8.79	196.55	39.24	243.3	Sgr
4 Jul 2024	18h24m55.14s	-27 45' 23.8"	1.9947	0.9828	9.5	172.0	4.1	8.45	197.61	39.00	243.6	Sgr
5 Jul 2024	18h23m54.46s	-27 52' 25.3"	1.9930	0.9825	9.6	170.9	4.6	8.10	198.67	38.69	243.7	Sgr
6 Jul 2024	18h22m54.15s	-27 59' 20.9"	1.9913	0.9824	9.6	169.9	5.2	7.74	199.71	38.31	243.9	Sgr
7 Jul 2024	18h21m54.32s	-28 06' 10.4"	1.9896	0.9825	9.6	168.8	5.7	7.36	200.75	37.87	244.1	Sgr
8 Jul 2024	18h20m55.09s	-28 12' 53.4"	1.9880	0.9829	9.6	167.6	6.3	6.98	201.78	37.38	244.2	Sgr
9 Jul 2024	18h19m56.58s	-28 19' 29.8"	1.9864	0.9835	9.7	166.5	6.9	6.58	202.81	36.82	244.3	Sgr
10 Jul 2024	18h18m58.89s	-28 25' 59.3"	1.9847	0.9843	9.7	165.4	7.4	6.18	203.82	36.20	244.3	Sgr
11 Jul 2024	18h18m02.14s	-28 32' 21.7"	1.9831	0.9854	9.7	164.3	8.0	5.77	204.82	35.53	244.4	Sgr
12 Jul 2024	18h17m06.42s	-28 38' 36.9"	1.9815	0.9866	9.8	163.1	8.6	5.35	205.81	34.81	244.4	Sgr
13 Jul 2024	18h16m11.85s	-28 44' 44.6"	1.9800	0.9881	9.8	162.0	9.1	4.92	206.80	34.03	244.4	Sgr
14 Jul 2024	18h15m18.52s	-28 50' 44.8"	1.9784	0.9898	9.8	160.9	9.7	4.48	207.77	33.21	244.3	Sgr
15 Jul 2024	18h14m26.53s	-28 56' 37.3"	1.9768	0.9916	9.8	159.8	10.3	4.04	208.73	32.34	244.2	Sgr
16 Jul 2024	18h13m35.97s	-29 02' 22.1"	1.9753	0.9937	9.9	158.6	10.8	3.59	209.68	31.42	244.1	Sgr
17 Jul 2024	18h12m46.93s	-29 07' 59.1"	1.9738	0.9960	9.9	157.5	11.4	3.13	210.62	30.46	243.9	Sgr
18 Jul 2024	18h11m59.49s	-29 13' 28.2"	1.9722	0.9985	9.9	156.4	11.9	2.67	211.55	29.47	243.7	Sgr
19 Jul 2024	18h11m13.73s	-29 18' 49.4"	1.9707	1.0012	9.9	155.3	12.4	2.20	212.47	28.44	243.4	Sgr
20 Jul 2024	18h10m29.73s	-29 24' 02.8"	1.9693	1.0041	10.0	154.2	13.0	1.73	213.38	27.37	243.1	Sgr
21 Jul 2024	18h09m47.55s	-29 29' 08.2"	1.9678	1.0072	10.0	153.1	13.5	1.25	214.27	26.28	242.7	Sgr
22 Jul 2024	18h09m07.26s	-29 34' 05.8"	1.9663	1.0105	10.0	152.0	14.0	0.77	215.16	25.16	242.3	Sgr
23 Jul 2024	18h08m28.92s	-29 38' 55.6"	1.9649	1.0140	10.0	150.9	14.6	0.29	216.03	24.02	241.7	Sgr
24 Jul 2024	18h07m52.60s	-29 43' 37.5"	1.9634	1.0176	10.0	149.8	15.1	-0.20	216.89	22.85	241.1	Sgr
25 Jul 2024	18h07m18.34s	-29 48' 11.7"	1.9620	1.0214	10.1	148.8	15.6	-0.69	217.74	21.66	240.4	Sgr
26 Jul 2024	18h06m46.21s	-29 52' 38.3"	1.9606	1.0254	10.1	147.7	16.1	-1.18	218.58	20.45	239.5	Sgr
27 Jul 2024	18h06m16.26s	-29 56' 57.2"	1.9592	1.0296	10.1	146.7	16.5	-1.68	219.41	19.23	238.5	Sgr
28 Jul 2024	18h05m48.53s	-30 01' 08.6"	1.9578	1.0339	10.1	145.6	17.0	-2.18	220.23	18.00	237.2	Sgr
29 Jul 2024	18h05m23.08s	-30 05' 12.5"	1.9565	1.0385	10.2	144.6	17.5	-2.68	221.04	16.76	235.8	Sgr
30 Jul 2024	18h04m59.95s	-30 09' 09.2"	1.9551	1.0431	10.2	143.5	18.0	-3.17	221.83	15.52	234.0	Sgr
31 Jul 2024	18h04m39.18s	-30 12' 58.5"	1.9538	1.0480	10.2	142.5	18.4	-3.67	222.62	14.29	231.9	Sgr
1 Aug 2024	18h04m20.81s	-30 16' 40.8"	1.9525	1.0530	10.2	141.5	18.9	-4.18	223.39	13.06	229.3	Sgr