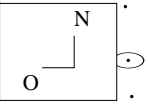


4	●	8	●
5	●	9	●
6	●	10	●
7	●	11	●



01h30m22.6s J2000.0
 +09 48' 09" Psc
 15 Sep 2024 0:00:00
 Bahn von (19) Fortuna

Ephemeride des Kleinplaneten (19) Fortuna

Datum	RA	Deklination	r	delta	mag	Elong	Phase	Höhe	Az.	Gesch.	PA	Stb
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15 Sep 2024	01h50m00.23s	+12 14' 40.4"	2.0763	1.1867	10.4	142.4	17.2	47.42	151.19	10.73	242.8	Ari
16 Sep 2024	01h49m45.62s	+12 12' 36.1"	2.0757	1.1798	10.3	143.4	16.8	47.69	152.66	11.98	243.3	Ari
17 Sep 2024	01h49m29.13s	+12 10' 20.4"	2.0751	1.1730	10.3	144.5	16.3	47.95	154.14	13.23	243.7	Ari
18 Sep 2024	01h49m10.79s	+12 07' 53.2"	2.0745	1.1664	10.3	145.6	15.9	48.18	155.66	14.46	244.0	Ari
19 Sep 2024	01h48m50.61s	+12 05' 14.5"	2.0739	1.1600	10.3	146.6	15.5	48.40	157.19	15.69	244.2	Ari
20 Sep 2024	01h48m28.61s	+12 02' 24.6"	2.0733	1.1537	10.2	147.7	15.0	48.61	158.75	16.90	244.4	Ari
21 Sep 2024	01h48m04.80s	+11 59' 23.3"	2.0727	1.1476	10.2	148.8	14.5	48.79	160.34	18.11	244.6	Ari
22 Sep 2024	01h47m39.21s	+11 56' 10.8"	2.0722	1.1418	10.2	149.9	14.1	48.96	161.95	19.30	244.7	Ari
23 Sep 2024	01h47m11.87s	+11 52' 47.2"	2.0716	1.1361	10.1	151.0	13.6	49.10	163.57	20.47	244.8	Ari
24 Sep 2024	01h46m42.80s	+11 49' 12.6"	2.0711	1.1306	10.1	152.1	13.1	49.23	165.22	21.62	244.9	Ari
25 Sep 2024	01h46m12.04s	+11 45' 27.2"	2.0705	1.1253	10.1	153.2	12.6	49.33	166.89	22.75	245.0	Psc
26 Sep 2024	01h45m39.63s	+11 41' 31.1"	2.0700	1.1202	10.1	154.3	12.1	49.41	168.57	23.85	245.0	Psc
27 Sep 2024	01h45m05.61s	+11 37' 24.6"	2.0695	1.1153	10.0	155.5	11.6	49.47	170.27	24.92	245.1	Psc
28 Sep 2024	01h44m30.04s	+11 33' 07.9"	2.0690	1.1106	10.0	156.6	11.1	49.51	171.98	25.96	245.1	Psc
29 Sep 2024	01h43m52.95s	+11 28' 41.2"	2.0685	1.1061	10.0	157.8	10.6	49.53	173.70	26.96	245.1	Psc
30 Sep 2024	01h43m14.41s	+11 24' 04.9"	2.0680	1.1019	9.9	158.9	10.0	49.52	175.44	27.93	245.1	Psc
1 Okt 2024	01h42m34.49s	+11 19' 19.3"	2.0676	1.0979	9.9	160.1	9.5	49.48	177.18	28.86	245.2	Psc
2 Okt 2024	01h41m53.23s	+11 14' 24.7"	2.0671	1.0940	9.9	161.3	8.9	49.43	178.93	29.74	245.2	Psc
3 Okt 2024	01h41m10.72s	+11 09' 21.5"	2.0667	1.0904	9.8	162.4	8.4	49.34	180.68	30.58	245.1	Psc
4 Okt 2024	01h40m27.01s	+11 04' 10.0"	2.0662	1.0871	9.8	163.6	7.8	49.24	182.43	31.37	245.1	Psc
5 Okt 2024	01h39m42.19s	+10 58' 50.8"	2.0658	1.0840	9.8	164.8	7.3	49.11	184.19	32.11	245.1	Psc
6 Okt 2024	01h38m56.33s	+10 53' 24.1"	2.0654	1.0811	9.7	166.0	6.7	48.95	185.94	32.80	245.1	Psc
7 Okt 2024	01h38m09.51s	+10 47' 50.6"	2.0650	1.0784	9.7	167.2	6.2	48.77	187.69	33.43	245.1	Psc
8 Okt 2024	01h37m21.82s	+10 42' 10.7"	2.0646	1.0760	9.7	168.4	5.6	48.57	189.43	34.01	245.0	Psc
9 Okt 2024	01h36m33.33s	+10 36' 24.8"	2.0642	1.0738	9.6	169.6	5.0	48.35	191.16	34.53	245.0	Psc
10 Okt 2024	01h35m44.14s	+10 30' 33.5"	2.0638	1.0718	9.6	170.8	4.4	48.10	192.88	35.00	245.0	Psc
11 Okt 2024	01h34m54.33s	+10 24' 37.3"	2.0635	1.0701	9.6	172.0	3.8	47.82	194.59	35.40	244.9	Psc
12 Okt 2024	01h34m03.99s	+10 18' 36.7"	2.0631	1.0686	9.5	173.2	3.3	47.53	196.29	35.75	244.9	Psc
13 Okt 2024	01h33m13.21s	+10 12' 32.3"	2.0628	1.0674	9.5	174.5	2.7	47.21	197.97	36.04	244.8	Psc
14 Okt 2024	01h32m53.07s	+10 06' 24.7"	2.0624	1.0664	9.5	175.7	2.1	46.87	199.63	36.26	244.8	Psc
15 Okt 2024	01h31m30.67s	+10 00' 14.3"	2.0621	1.0657	9.4	176.9	1.5	46.52	201.28	36.43	244.7	Psc
16 Okt 2024	01h30m39.09s	+09 54' 01.8"	2.0618	1.0652	9.4	178.1	0.9	46.14	202.91	36.54	244.6	Psc
17 Okt 2024	01h29m47.42s	+09 47' 47.6"	2.0615	1.0649	9.3	179.3	0.3	45.74	204.52	36.59	244.6	Psc
18 Okt 2024	01h28m55.75s	+09 41' 32.3"	2.0612	1.0649	9.3	179.3	0.3	45.32	206.11	36.58	244.5	Psc
19 Okt 2024	01h28m04.16s	+09 35' 16.6"	2.0610	1.0652	9.4	178.1	0.9	44.89	207.67	36.51	244.4	Psc
20 Okt 2024	01h27m12.74s	+09 29' 00.8"	2.0607	1.0656	9.4	176.9	1.5	44.44	209.22	36.38	244.3	Psc
21 Okt 2024	01h26m21.58s	+09 22' 45.7"	2.0604	1.0664	9.5	175.7	2.1	43.97	210.74	36.20	244.3	Psc
22 Okt 2024	01h25m30.76s	+09 16' 31.8"	2.0602	1.0673	9.5	174.5	2.7	43.48	212.24	35.95	244.2	Psc
23 Okt 2024	01h24m40.36s	+09 10' 19.6"	2.0600	1.0686	9.5	173.2	3.3	42.99	213.71	35.64	244.1	Psc
24 Okt 2024	01h23m50.49s	+09 04' 09.8"	2.0597	1.0700	9.6	172.0	3.8	42.47	215.16	35.28	244.0	Psc
25 Okt 2024	01h23m01.22s	+08 58' 03.0"	2.0595	1.0717	9.6	170.8	4.4	41.95	216.59	34.85	243.9	Psc
26 Okt 2024	01h22m12.65s	+08 51' 59.7"	2.0593	1.0737	9.6	169.6	5.0	41.41	217.99	34.36	243.8	Psc
27 Okt 2024	01h21m24.85s	+08 46' 00.6"	2.0591	1.0759	9.7	168.4	5.6	40.86	219.37	33.81	243.7	Psc
28 Okt 2024	01h20m37.92s	+08 40' 06.3"	2.0590	1.0783	9.7	167.2	6.2	40.30	220.73	33.21	243.6	Psc
29 Okt 2024	01h19m51.93s	+08 34' 17.3"	2.0588	1.0810	9.7	165.9	6.7	39.74	222.06	32.55	243.5	Psc
30 Okt 2024	01h19m06.97s	+08 28' 34.2"	2.0586	1.0839	9.8	164.7	7.3	39.16	223.37	31.83	243.3	Psc
31 Okt 2024	01h18m23.10s	+08 22' 57.6"	2.0585	1.0870	9.8	163.5	7.9	38.57	224.65	31.07	243.2	Psc
1 Nov 2024	01h17m40.42s	+08 17' 27.9"	2.0583	1.0904	9.8	162.3	8.4	37.98	225.92	30.25	243.1	Psc
2 Nov 2024	01h16m58.99s	+08 12' 05.8"	2.0582	1.0940	9.9	161.1	9.0	37.38	227.16	29.38	242.9	Psc
3 Nov 2024	01h16m18.87s	+08 06' 51.7"	2.0581	1.0978	9.9	160.0	9.5	36.78	228.38	28.46	242.7	Psc
4 Nov 2024	01h15m40.14s	+08 01' 46.1"	2.0580	1.1019	9.9	158.8	10.0	36.17	229.57	27.50	242.6	Psc
5 Nov 2024	01h15m02.85s	+07 56' 49.4"	2.0579	1.1062	10.0	157.6	10.6	35.56	230.75	26.50	242.4	Psc
6 Nov 2024	01h14m27.07s	+07 52' 02.2"	2.0578	1.1107	10.0	156.4	11.1	34.94	231.90	25.46	242.1	Psc
7 Nov 2024	01h13m52.85s	+07 47' 24.7"	2.0578	1.1154	10.0	155.3	11.6	34.33	233.04	24.38	241.9	Psc
8 Nov 2024	01h13m20.23s	+07 42' 57.4"	2.0577	1.1204	10.0	154.1	12.1	33.70	234.15	23.27	241.7	Psc
9 Nov 2024	01h12m49.27s	+07 38' 40.6"	2.0577	1.1255	10.1	153.0	12.6	33.08	235.25	22.12	241.4	Psc
10 Nov 2024	01h12m20.01s	+07 34' 34.6"	2.0576	1.1309	10.1	151.8	13.1	32.46	236.33	20.95	241.0	Psc
11 Nov 2024	01h11m52.48s	+07 30' 39.7"	2.0576	1.1364	10.1	150.7	13.6	31.84	237.39	19.76	240.7	Psc
12 Nov 2024	01h11m26.72s	+07 26' 56.1"	2.0576	1.1422	10.2	149.6	14.1	31.21	238.43	18.54	240.3	Psc
13 Nov 2024	01h11m02.76s	+07 23' 24.2"	2.0576	1.1481	10.2	148.4	14.6	30.59	239.45	17.31	239.8	Psc
14 Nov 2024	01h10m40.61s	+07 20' 04.0"	2.0576	1.1543	10.2	147.3	15.0	29.97	240.46	16.06	239.2	Psc
15 Nov 2024	01h10m20.31s	+07 16' 55.7"	2.0576	1.1606	10.2	146.2	15.5	29.35	241.45	14.80	238.6	Psc