



Ephemeride des Kleinplaneten (16) Psyche

Datum	RA	Deklination	r	delta	mag	Elong	Phase	Höhe	Az.	Gesch.	PA	Stb
1 Jul 2019	21h26m54.55s	-13 06' 30.2"	2.7639	1.9174	10.3	138.7	14.0	20.25	149.40	10.48	246.9	Cap
2 Jul 2019	21h26m39.17s	-13 08' 10.9"	2.7626	1.9076	10.2	139.7	13.8	20.55	150.45	11.39	247.2	Aqr
3 Jul 2019	21h26m22.40s	-13 09' 59.2"	2.7613	1.8980	10.2	140.8	13.5	20.84	151.50	12.30	247.4	Aqr
4 Jul 2019	21h26m04.24s	-13 11' 55.1"	2.7601	1.8886	10.2	141.8	13.2	21.11	152.57	13.20	247.5	Aqr
5 Jul 2019	21h25m44.70s	-13 13' 58.6"	2.7588	1.8793	10.2	142.8	12.9	21.38	153.65	14.10	247.7	Aqr
6 Jul 2019	21h25m23.80s	-13 16' 09.6"	2.7575	1.8703	10.2	143.9	12.6	21.63	154.74	14.98	247.8	Aqr
7 Jul 2019	21h25m01.56s	-13 18' 27.9"	2.7562	1.8615	10.1	144.9	12.2	21.87	155.84	15.85	247.9	Aqr
8 Jul 2019	21h24m37.99s	-13 20' 53.5"	2.7549	1.8529	10.1	146.0	11.9	22.10	156.95	16.71	248.0	Aqr
9 Jul 2019	21h24m13.11s	-13 23' 26.4"	2.7536	1.8444	10.1	147.0	11.6	22.31	158.07	17.56	248.1	Aqr
10 Jul 2019	21h23m46.95s	-13 26' 06.3"	2.7523	1.8362	10.1	148.1	11.3	22.52	159.21	18.39	248.1	Aqr
11 Jul 2019	21h23m19.51s	-13 28' 53.1"	2.7510	1.8282	10.0	149.2	10.9	22.71	160.35	19.21	248.2	Aqr
12 Jul 2019	21h22m50.83s	-13 31' 46.9"	2.7498	1.8205	10.0	150.3	10.6	22.88	161.50	20.01	248.3	Aqr
13 Jul 2019	21h22m20.92s	-13 34' 47.3"	2.7485	1.8129	10.0	151.3	10.2	23.04	162.66	20.80	248.3	Aqr
14 Jul 2019	21h21m49.81s	-13 37' 54.2"	2.7472	1.8056	10.0	152.4	9.9	23.19	163.83	21.57	248.4	Aqr
15 Jul 2019	21h21m17.53s	-13 41' 07.6"	2.7459	1.7984	10.0	153.5	9.5	23.32	165.01	22.32	248.4	Aqr
16 Jul 2019	21h20m44.09s	-13 44' 27.3"	2.7447	1.7916	9.9	154.6	9.1	23.44	166.19	23.06	248.5	Aqr
17 Jul 2019	21h20m09.53s	-13 47' 53.0"	2.7434	1.7849	9.9	155.7	8.8	23.54	167.39	23.77	248.5	Aqr
18 Jul 2019	21h19m33.87s	-13 51' 24.7"	2.7421	1.7785	9.9	156.8	8.4	23.63	168.59	24.47	248.5	Aqr
19 Jul 2019	21h18m57.15s	-13 55' 02.1"	2.7409	1.7723	9.9	157.9	8.0	23.70	169.79	25.15	248.6	Aqr
20 Jul 2019	21h18m19.39s	-13 58' 45.0"	2.7396	1.7664	9.8	159.0	7.6	23.76	171.00	25.80	248.6	Aqr
21 Jul 2019	21h17m40.63s	-14 02' 33.3"	2.7383	1.7607	9.8	160.2	7.2	23.80	172.22	26.43	248.6	Aqr
22 Jul 2019	21h17m00.91s	-14 06' 26.8"	2.7371	1.7552	9.8	161.3	6.8	23.82	173.44	27.03	248.7	Aqr
23 Jul 2019	21h16m20.27s	-14 10' 25.2"	2.7358	1.7500	9.8	162.4	6.4	23.83	174.67	27.61	248.7	Aqr
24 Jul 2019	21h15m38.73s	-14 14' 28.2"	2.7346	1.7450	9.7	163.6	6.0	23.82	175.90	28.16	248.7	Aqr
25 Jul 2019	21h14m56.35s	-14 18' 35.7"	2.7333	1.7403	9.7	164.7	5.6	23.79	177.13	28.68	248.8	Aqr
26 Jul 2019	21h14m13.17s	-14 22' 47.5"	2.7320	1.7359	9.7	165.8	5.2	23.75	178.37	29.18	248.8	Aqr
27 Jul 2019	21h13m29.23s	-14 27' 03.2"	2.7308	1.7317	9.7	167.0	4.8	23.69	179.61	29.64	248.8	Aqr
28 Jul 2019	21h12m44.58s	-14 31' 22.6"	2.7295	1.7277	9.6	168.1	4.4	23.62	180.85	30.07	248.8	Cap
29 Jul 2019	21h11m59.27s	-14 35' 45.5"	2.7283	1.7241	9.6	169.2	4.0	23.53	182.09	30.46	248.9	Cap
30 Jul 2019	21h11m13.36s	-14 40' 11.5"	2.7270	1.7206	9.6	170.4	3.6	23.42	183.32	30.82	248.9	Cap
31 Jul 2019	21h10m26.89s	-14 44' 40.4"	2.7258	1.7175	9.5	171.5	3.1	23.29	184.56	31.15	248.9	Cap
1 Aug 2019	21h09m39.92s	-14 49' 11.8"	2.7246	1.7146	9.5	172.7	2.7	23.15	185.80	31.43	248.9	Cap
2 Aug 2019	21h08m52.51s	-14 53' 45.6"	2.7233	1.7120	9.5	173.8	2.3	22.99	187.03	31.68	248.9	Cap
3 Aug 2019	21h08m04.73s	-14 58' 21.4"	2.7221	1.7097	9.5	174.9	1.9	22.82	188.26	31.89	248.9	Cap
4 Aug 2019	21h07m16.62s	-15 02' 58.8"	2.7209	1.7076	9.4	176.1	1.5	22.63	189.49	32.06	248.9	Cap
5 Aug 2019	21h06m28.26s	-15 07' 37.5"	2.7196	1.7058	9.4	177.1	1.1	22.42	190.72	32.19	248.9	Cap
6 Aug 2019	21h05m39.70s	-15 12' 17.4"	2.7184	1.7043	9.3	178.1	0.7	22.20	191.94	32.28	248.9	Cap
7 Aug 2019	21h04m51.00s	-15 16' 58.0"	2.7172	1.7030	9.3	178.6	0.5	21.97	193.15	32.33	248.9	Cap
8 Aug 2019	21h04m02.22s	-15 21' 39.0"	2.7159	1.7021	9.3	178.3	0.6	21.72	194.36	32.35	248.9	Cap
9 Aug 2019	21h03m13.43s	-15 26' 20.2"	2.7147	1.7013	9.4	177.5	0.9	21.45	195.56	32.32	248.9	Cap
10 Aug 2019	21h02m24.67s	-15 31' 01.2"	2.7135	1.7009	9.4	176.4	1.3	21.17	196.76	32.26	248.9	Cap
11 Aug 2019	21h01m36.02s	-15 35' 41.8"	2.7123	1.7007	9.4	175.3	1.7	20.87	197.94	32.16	248.9	Cap
12 Aug 2019	21h00m47.52s	-15 40' 21.7"	2.7111	1.7008	9.5	174.2	2.2	20.56	199.12	32.03	248.9	Cap
13 Aug 2019	21h00m59.23s	-15 45' 00.6"	2.7098	1.7012	9.5	173.1	2.6	20.24	200.30	31.85	248.9	Cap
14 Aug 2019	20h59m11.22s	-15 49' 38.2"	2.7086	1.7018	9.5	171.9	3.0	19.91	201.46	31.64	248.8	Cap
15 Aug 2019	20h58m23.53s	-15 54' 14.3"	2.7074	1.7027	9.5	170.8	3.4	19.56	202.62	31.40	248.8	Cap
16 Aug 2019	20h57m36.23s	-15 58' 48.6"	2.7062	1.7039	9.6	169.6	3.9	19.20	203.76	31.12	248.8	Cap
17 Aug 2019	20h56m49.36s	-16 03' 20.8"	2.7050	1.7053	9.6	168.5	4.3	18.82	204.90	30.80	248.7	Cap
18 Aug 2019	20h56m03.00s	-16 07' 50.7"	2.7038	1.7070	9.6	167.3	4.7	18.44	206.03	30.45	248.7	Cap
19 Aug 2019	20h55m17.18s	-16 12' 18.1"	2.7026	1.7089	9.6	166.2	5.1	18.04	207.14	30.06	248.6	Cap
20 Aug 2019	20h54m31.96s	-16 16' 42.6"	2.7014	1.7111	9.6	165.0	5.6	17.64	208.25	29.65	248.6	Cap
21 Aug 2019	20h53m47.41s	-16 21' 04.2"	2.7002	1.7136	9.7	163.9	6.0	17.22	209.35	29.19	248.5	Cap
22 Aug 2019	20h53m03.56s	-16 25' 22.4"	2.6990	1.7163	9.7	162.7	6.4	16.79	210.43	28.71	248.5	Cap
23 Aug 2019	20h52m20.48s	-16 29' 37.2"	2.6978	1.7193	9.7	161.6	6.8	16.35	211.51	28.19	248.4	Cap
24 Aug 2019	20h51m38.22s	-16 33' 48.3"	2.6966	1.7225	9.7	160.4	7.2	15.91	212.58	27.64	248.3	Cap
25 Aug 2019	20h50m56.82s	-16 37' 55.5"	2.6955	1.7260	9.8	159.3	7.6	15.45	213.63	27.06	248.2	Cap
26 Aug 2019	20h50m16.34s	-16 41' 58.6"	2.6943	1.7297	9.8	158.1	8.0	14.99	214.67	26.46	248.1	Cap
27 Aug 2019	20h49m36.82s	-16 45' 57.4"	2.6931	1.7337	9.8	157.0	8.4	14.52	215.71	25.82	248.0	Cap
28 Aug 2019	20h48m58.32s	-16 49' 51.7"	2.6919	1.7379	9.8	155.9	8.8	14.04	216.73	25.15	247.8	Cap
29 Aug 2019	20h48m20.88s	-16 53' 41.3"	2.6908	1.7423	9.8	154.8	9.2	13.56	217.74	24.45	247.7	Cap
30 Aug 2019	20h47m44.55s	-16 57' 26.1"	2.6896	1.7470	9.9	153.6	9.6	13.07	218.74	23.72	247.5	Cap
31 Aug 2019	20h47m09.37s	-17 01' 05.9"	2.6884	1.7520	9.9	152.5	10.0	12.57	219.73	22.97	247.3	Cap
1 Sep 2019	20h46m35.39s	-17 04' 40.5"	2.6873	1.7571	9.9	151.4	10.4	12.07	220.70	22.20	247.1	Cap
2 Sep 2019	20h46m02.65s	-17 08' 09.8"	2.6861	1.7625	9.9	150.3	10.7	11.56	221.67	21.40	246.8	Cap
3 Sep 2019	20h45m31.19s	-17 11' 33.6"	2.6849	1.7681	9.9	149.2	11.1	11.05	222.63	20.58	246.6	Cap
4 Sep 2019	20h45m01.03s	-17 14' 51.9"	2.6838	1.7739	9.9	148.1	11.5	10.53	223.57	19.74	246.3	Cap
5 Sep 2019	20h44m32.21s	-17 18' 04.4"	2.6826	1.7800	10.0	147.0	11.8	10.01	224.51	18.89	245.9	Cap
6 Sep 2019	20h44m04.76s	-17 21' 11.2"	2.6815	1.7862	10.0	145.9	12.2	9.48	225.43	18.02	245.5	Cap
7 Sep 2019	20h43m38.70s	-17 24' 12.1"	2.6803	1.7927	10.0	144.8	12.5	8.95	226.35	17.13	245.1	Cap
8 Sep 2019	20h43m14.07s	-17 27' 07.0"	2.6792	1.7993	10.0	143.8	12.8	8.42	227.25	16.24	244.6	Cap
9 Sep 2019	20h42m50.87s	-17 29' 55.8"	2.6780	1.8062	10.0	142.7	13.2	7.88	228.14	15.33	244.1	Cap
10 Sep 2019	20h42m29.14s	-17 32' 38.5"	2.6769	1.8133	10.1	141.6	13.5	7.35	229.03	14.41	243.5	Cap
11 Sep 2019	20h42m08.88s	-17 35' 15.0"	2.6758	1.8205	10.1	140.6	13.8	6.81	229.90	13.49	242.7	Cap
12 Sep 2019	20h41m50.12s	-17 37' 45.3"	2.6746	1.8279	10.1	139.5	14.1	6.27	230.77	12.56	241.9	Cap

Ephemeride des Kleinplaneten (16) Psyche

Datum	RA	Deklination	r	delta	mag	Elong	Phase	Höhe	Az.	Gesch.	PA	Stb
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13 Sep 2019	20h41m32.87s	-17 40' 09.2"	2.6735	1.8356	10.1	138.5	14.5	5.72	231.62	11.63	240.9	Cap
14 Sep 2019	20h41m17.14s	-17 42' 26.9"	2.6724	1.8434	10.1	137.4	14.8	5.18	232.47	10.69	239.7	Cap
15 Sep 2019	20h41m02.95s	-17 44' 38.1"	2.6713	1.8514	10.2	136.4	15.1	4.64	233.30	9.75	238.3	Cap