



Ephemeride des Kleinplaneten (115) Thyra

Datum	RA	Deklination	r	delta	mag	Elong	Phase	Höhe	Az.	Gesch.	PA	Stb
-----	---	-----	-	-----	---	-----	-----	-----	-----	-----	-----	-----
15 Okt 2022	03h36m43.43s	+40 55' 18.3"	1.9209	1.0792	10.3	135.3	21.4	73.97	126.24	18.38	328.2	Per
16 Okt 2022	03h36m24.37s	+41 01' 21.7"	1.9207	1.0732	10.3	136.1	21.1	74.57	128.25	18.49	323.7	Per
17 Okt 2022	03h36m02.65s	+41 07' 07.8"	1.9206	1.0673	10.3	137.0	20.7	75.15	130.42	18.68	319.2	Per
18 Okt 2022	03h35m38.26s	+41 12' 35.9"	1.9205	1.0616	10.2	137.8	20.4	75.73	132.76	18.96	314.9	Per
19 Okt 2022	03h35m11.25s	+41 17' 45.6"	1.9204	1.0561	10.2	138.7	20.0	76.28	135.31	19.31	310.6	Per
20 Okt 2022	03h34m41.63s	+41 22' 36.2"	1.9203	1.0507	10.2	139.5	19.7	76.82	138.06	19.74	306.5	Per
21 Okt 2022	03h34m09.43s	+41 27' 07.1"	1.9202	1.0454	10.2	140.3	19.3	77.33	141.05	20.24	302.6	Per
22 Okt 2022	03h33m34.71s	+41 31' 17.7"	1.9202	1.0404	10.1	141.2	19.0	77.81	144.30	20.79	298.8	Per
23 Okt 2022	03h32m57.52s	+41 35' 07.4"	1.9201	1.0354	10.1	142.0	18.6	78.26	147.81	21.39	295.2	Per
24 Okt 2022	03h32m17.90s	+41 38' 35.8"	1.9201	1.0307	10.1	142.9	18.2	78.67	151.59	22.04	291.8	Per
25 Okt 2022	03h31m35.93s	+41 41' 42.1"	1.9201	1.0261	10.1	143.7	17.9	79.04	155.66	22.72	288.6	Per
26 Okt 2022	03h30m51.67s	+41 44' 26.0"	1.9201	1.0217	10.1	144.5	17.5	79.36	160.01	23.43	285.6	Per
27 Okt 2022	03h30m05.21s	+41 46' 46.9"	1.9201	1.0174	10.0	145.3	17.1	79.62	164.62	24.15	282.7	Per
28 Okt 2022	03h29m16.63s	+41 48' 44.4"	1.9202	1.0134	10.0	146.1	16.8	79.81	169.45	24.89	279.9	Per
29 Okt 2022	03h28m26.04s	+41 50' 18.0"	1.9202	1.0095	10.0	146.9	16.4	79.94	174.47	25.64	277.3	Per
30 Okt 2022	03h27m33.53s	+41 51' 27.3"	1.9203	1.0058	10.0	147.7	16.0	80.00	179.61	26.38	274.9	Per
31 Okt 2022	03h26m39.21s	+41 52' 12.1"	1.9204	1.0023	9.9	148.5	15.7	79.98	184.80	27.13	272.5	Per
1 Nov 2022	03h25m43.18s	+41 52' 32.0"	1.9205	0.9989	9.9	149.3	15.3	79.89	189.96	27.86	270.2	Per
2 Nov 2022	03h24m45.57s	+41 52' 26.8"	1.9206	0.9958	9.9	150.0	15.0	79.73	195.03	28.59	268.1	Per
3 Nov 2022	03h23m46.49s	+41 51' 56.1"	1.9207	0.9929	9.9	150.7	14.6	79.49	199.95	29.30	266.0	Per
4 Nov 2022	03h22m46.07s	+41 50' 59.9"	1.9208	0.9901	9.9	151.4	14.3	79.19	204.65	29.99	264.0	Per
5 Nov 2022	03h21m44.42s	+41 49' 38.0"	1.9210	0.9876	9.9	152.1	14.0	78.82	209.10	30.67	262.1	Per
6 Nov 2022	03h20m41.68s	+41 47' 50.3"	1.9212	0.9852	9.8	152.8	13.7	78.40	213.28	31.32	260.2	Per
7 Nov 2022	03h19m37.96s	+41 45' 36.6"	1.9214	0.9831	9.8	153.4	13.3	77.92	217.19	31.95	258.4	Per
8 Nov 2022	03h18m33.42s	+41 42' 57.1"	1.9216	0.9811	9.8	154.0	13.1	77.39	220.82	32.54	256.6	Per
9 Nov 2022	03h17m28.17s	+41 39' 51.6"	1.9218	0.9794	9.8	154.6	12.8	76.83	224.18	33.12	254.9	Per
10 Nov 2022	03h16m22.36s	+41 36' 20.3"	1.9220	0.9779	9.8	155.1	12.5	76.22	227.29	33.65	253.2	Per
11 Nov 2022	03h15m16.13s	+41 32' 23.3"	1.9223	0.9765	9.8	155.6	12.3	75.59	230.16	34.16	251.6	Per
12 Nov 2022	03h14m09.61s	+41 28' 00.7"	1.9226	0.9754	9.8	156.0	12.1	74.92	232.81	34.63	249.9	Per
13 Nov 2022	03h13m02.96s	+41 23' 12.9"	1.9228	0.9745	9.8	156.4	11.9	74.23	235.27	35.06	248.3	Per
14 Nov 2022	03h11m56.30s	+41 18' 00.1"	1.9231	0.9738	9.7	156.8	11.7	73.52	237.54	35.46	246.8	Per
15 Nov 2022	03h10m49.81s	+41 12' 22.7"	1.9235	0.9733	9.7	157.1	11.6	72.79	239.65	35.81	245.2	Per
16 Nov 2022	03h09m43.60s	+41 06' 21.1"	1.9238	0.9731	9.7	157.3	11.4	72.04	241.61	36.12	243.6	Per
17 Nov 2022	03h08m37.84s	+40 59' 55.8"	1.9241	0.9730	9.7	157.5	11.4	71.28	243.44	36.39	242.1	Per
18 Nov 2022	03h07m32.66s	+40 53' 07.2"	1.9245	0.9732	9.7	157.6	11.3	70.50	245.15	36.61	240.5	Per
19 Nov 2022	03h06m28.21s	+40 45' 56.1"	1.9249	0.9736	9.7	157.7	11.3	69.72	246.75	36.79	239.0	Per
20 Nov 2022	03h05m24.64s	+40 38' 23.1"	1.9253	0.9742	9.7	157.6	11.3	68.92	248.25	36.93	237.4	Per
21 Nov 2022	03h04m22.07s	+40 30' 28.9"	1.9257	0.9750	9.7	157.6	11.3	68.12	249.66	37.02	235.9	Per
22 Nov 2022	03h03m20.65s	+40 22' 14.2"	1.9261	0.9760	9.7	157.5	11.3	67.31	250.99	37.06	234.3	Per
23 Nov 2022	03h02m20.51s	+40 13' 40.0"	1.9265	0.9773	9.7	157.3	11.4	66.49	252.25	37.06	232.8	Per
24 Nov 2022	03h01m21.79s	+40 04' 47.0"	1.9270	0.9788	9.8	157.0	11.5	65.68	253.44	37.01	231.2	Per
25 Nov 2022	03h00m24.60s	+39 55' 36.2"	1.9274	0.9805	9.8	156.7	11.7	64.85	254.57	36.91	229.6	Per
26 Nov 2022	02h59m29.07s	+39 46' 08.7"	1.9279	0.9824	9.8	156.4	11.8	64.03	255.65	36.78	228.0	Per
27 Nov 2022	02h58m35.31s	+39 36' 25.3"	1.9284	0.9846	9.8	156.0	12.0	63.20	256.68	36.60	226.4	Per
28 Nov 2022	02h57m43.42s	+39 26' 27.2"	1.9289	0.9869	9.8	155.5	12.2	62.38	257.67	36.38	224.7	Per
29 Nov 2022	02h56m53.52s	+39 16' 15.4"	1.9295	0.9895	9.8	155.1	12.5	61.55	258.61	36.13	223.0	Per
30 Nov 2022	02h56m05.67s	+39 05' 50.9"	1.9300	0.9923	9.8	154.5	12.7	60.72	259.51	35.85	221.3	Per
1 Dez 2022	02h55m19.97s	+38 55' 14.9"	1.9306	0.9953	9.8	153.9	13.0	59.90	260.38	35.54	219.6	Per
2 Dez 2022	02h54m36.50s	+38 44' 28.3"	1.9311	0.9985	9.9	153.3	13.2	59.08	261.22	35.20	217.8	Per
3 Dez 2022	02h53m55.30s	+38 33' 32.2"	1.9317	1.0020	9.9	152.7	13.5	58.26	262.03	34.84	216.0	Per
4 Dez 2022	02h53m16.45s	+38 22' 27.6"	1.9323	1.0056	9.9	152.0	13.8	57.44	262.81	34.47	214.1	Per
5 Dez 2022	02h52m39.99s	+38 11' 15.6"	1.9329	1.0094	9.9	151.3	14.2	56.63	263.57	34.07	212.2	Per
6 Dez 2022	02h52m05.98s	+37 59' 57.1"	1.9336	1.0135	9.9	150.6	14.5	55.82	264.30	33.67	210.3	Per
7 Dez 2022	02h51m34.44s	+37 48' 33.1"	1.9342	1.0177	10.0	149.9	14.8	55.01	265.01	33.26	208.3	Per
8 Dez 2022	02h51m05.43s	+37 37' 04.6"	1.9349	1.0222	10.0	149.1	15.2	54.21	265.71	32.84	206.2	Per
9 Dez 2022	02h50m38.96s	+37 25' 32.6"	1.9355	1.0268	10.0	148.3	15.5	53.42	266.38	32.43	204.1	Per
10 Dez 2022	02h50m15.06s	+37 13' 57.9"	1.9362	1.0316	10.0	147.5	15.8	52.63	267.04	32.01	201.9	Per
11 Dez 2022	02h49m53.76s	+37 02' 21.4"	1.9369	1.0367	10.1	146.7	16.2	51.84	267.68	31.60	199.7	Per
12 Dez 2022	02h49m35.07s	+36 50' 44.1"	1.9376	1.0419	10.1	145.9	16.5	51.06	268.31	31.20	197.5	Per
13 Dez 2022	02h49m19.01s	+36 39' 06.7"	1.9384	1.0473	10.1	145.1	16.9	50.29	268.92	30.82	195.1	Per
14 Dez 2022	02h49m05.58s	+36 27' 30.2"	1.9391	1.0529	10.1	144.2	17.3	49.53	269.52	30.45	192.7	Per
15 Dez 2022	02h48m54.80s	+36 15' 55.2"	1.9399	1.0587	10.2	143.4	17.6	48.77	270.11	30.10	190.3	Per