



Die Bahn des Planeten Jupiter 2024

# EPHEMERIDE 2024 – JUPITER

Datum	RA	Deklination	r	delta	mag	Elong	Phase	Höhe	Az.	Gesch.	PA
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1 Jan 2024	02h13m26.67s	+12 09' 02.6"	4.9849	4.4815	-2.6	115.5	10.3	15.56	270.12	0.84	12.9 Ari
2 Jan 2024	02h13m27.37s	+12 09' 25.8"	4.9851	4.4961	-2.6	114.5	10.3	14.96	270.89	1.20	34.6 Ari
3 Jan 2024	02h13m28.89s	+12 09' 53.1"	4.9853	4.5109	-2.6	113.5	10.4	14.36	271.67	1.65	45.4 Ari
4 Jan 2024	02h13m31.20s	+12 10' 24.6"	4.9855	4.5257	-2.6	112.5	10.5	13.76	272.44	2.14	51.4 Ari
5 Jan 2024	02h13m34.31s	+12 11' 00.2"	4.9857	4.5407	-2.6	111.5	10.6	13.17	273.20	2.64	55.2 Ari
6 Jan 2024	02h13m38.22s	+12 11' 39.8"	4.9859	4.5558	-2.6	110.5	10.6	12.59	273.96	3.14	57.8 Ari
7 Jan 2024	02h13m42.93s	+12 12' 23.6"	4.9860	4.5709	-2.6	109.5	10.7	12.00	274.72	3.65	59.6 Ari
8 Jan 2024	02h13m48.44s	+12 13' 11.5"	4.9862	4.5862	-2.5	108.5	10.8	11.42	275.48	4.16	61.0 Ari
9 Jan 2024	02h13m54.74s	+12 14' 03.4"	4.9864	4.6015	-2.5	107.5	10.8	10.84	276.23	4.67	62.1 Ari
10 Jan 2024	02h14m01.83s	+12 14' 59.3"	4.9866	4.6169	-2.5	106.5	10.9	10.27	276.98	5.18	63.0 Ari
11 Jan 2024	02h14m09.72s	+12 15' 59.3"	4.9868	4.6324	-2.5	105.5	11.0	9.70	277.73	5.69	63.7 Ari
12 Jan 2024	02h14m18.39s	+12 17' 03.2"	4.9870	4.6480	-2.5	104.6	11.0	9.13	278.47	6.20	64.3 Ari
13 Jan 2024	02h14m27.84s	+12 18' 11.1"	4.9872	4.6637	-2.5	103.6	11.1	8.57	279.21	6.71	64.9 Ari
14 Jan 2024	02h14m38.07s	+12 19' 22.9"	4.9874	4.6794	-2.5	102.6	11.1	8.01	279.95	7.21	65.3 Ari
15 Jan 2024	02h14m49.08s	+12 20' 38.6"	4.9876	4.6951	-2.5	101.6	11.1	7.46	280.69	7.71	65.7 Ari
16 Jan 2024	02h15m00.86s	+12 21' 58.2"	4.9878	4.7110	-2.5	100.7	11.2	6.91	281.43	8.20	66.0 Ari
17 Jan 2024	02h15m13.40s	+12 23' 21.5"	4.9880	4.7268	-2.5	99.7	11.2	6.37	282.17	8.70	66.3 Ari
18 Jan 2024	02h15m39.69s	+12 24' 48.6"	4.9882	4.7427	-2.5	98.8	11.2	5.83	282.90	9.18	66.6 Ari
19 Jan 2024	02h15m40.74s	+12 26' 19.4"	4.9884	4.7587	-2.5	97.8	11.3	5.29	283.63	9.67	66.8 Ari
20 Jan 2024	02h15m55.53s	+12 27' 53.9"	4.9886	4.7747	-2.5	96.8	11.3	4.76	284.36	10.15	67.1 Ari
21 Jan 2024	02h16m11.07s	+12 29' 32.0"	4.9888	4.7907	-2.5	95.9	11.3	4.23	285.09	10.62	67.3 Ari
22 Jan 2024	02h16m27.33s	+12 31' 13.6"	4.9890	4.8067	-2.4	95.0	11.3	3.71	285.82	11.09	67.5 Ari
23 Jan 2024	02h16m44.32s	+12 32' 58.8"	4.9892	4.8228	-2.4	94.0	11.3	3.19	286.55	11.56	67.6 Ari
24 Jan 2024	02h17m02.02s	+12 34' 47.4"	4.9894	4.8389	-2.4	93.1	11.4	2.67	287.28	12.02	67.8 Ari
25 Jan 2024	02h17m20.44s	+12 36' 39.4"	4.9896	4.8550	-2.4	92.1	11.4	2.17	288.01	12.47	68.0 Ari
26 Jan 2024	02h17m39.57s	+12 38' 34.8"	4.9898	4.8711	-2.4	91.2	11.4	1.66	288.73	12.93	68.1 Ari
27 Jan 2024	02h17m59.39s	+12 40' 33.6"	4.9900	4.8872	-2.4	90.3	11.4	1.16	289.46	13.37	68.2 Ari
28 Jan 2024	02h18m19.91s	+12 42' 35.6"	4.9902	4.9033	-2.4	89.4	11.4	0.67	290.19	13.82	68.4 Ari
29 Jan 2024	02h18m41.12s	+12 44' 40.8"	4.9904	4.9194	-2.4	88.4	11.4	0.18	290.91	14.26	68.5 Ari
30 Jan 2024	02h19m03.00s	+12 46' 49.3"	4.9906	4.9355	-2.4	87.5	11.4	-0.31	291.64	14.69	68.6 Ari
31 Jan 2024	02h19m25.57s	+12 49' 00.9"	4.9908	4.9516	-2.4	86.6	11.4	-0.79	292.36	15.12	68.7 Ari
1 Feb 2024	02h19m48.80s	+12 51' 15.5"	4.9910	4.9676	-2.4	85.7	11.4	-1.26	293.09	15.55	68.8 Ari
2 Feb 2024	02h20m12.70s	+12 53' 33.3"	4.9912	4.9837	-2.4	84.8	11.3	-1.73	293.81	15.97	68.9 Ari
3 Feb 2024	02h20m37.25s	+12 55' 54.0"	4.9914	4.9997	-2.4	83.9	11.3	-2.20	294.54	16.39	69.0 Ari
4 Feb 2024	02h21m02.46s	+12 58' 17.7"	4.9917	5.0158	-2.4	83.0	11.3	-2.66	295.26	16.80	69.1 Ari
5 Feb 2024	02h21m28.31s	+13 00' 44.3"	4.9919	5.0317	-2.3	82.1	11.3	-3.11	295.99	17.21	69.2 Ari
6 Feb 2024	02h21m54.80s	+13 03' 13.7"	4.9921	5.0477	-2.3	81.2	11.3	-3.56	296.72	17.62	69.3 Ari
7 Feb 2024	02h22m21.92s	+13 05' 46.0"	4.9923	5.0636	-2.3	80.3	11.2	-4.01	297.44	18.02	69.4 Ari
8 Feb 2024	02h22m49.67s	+13 08' 21.0"	4.9925	5.0795	-2.3	79.4	11.2	-4.45	298.17	18.41	69.4 Ari
9 Feb 2024	02h23m18.04s	+13 10' 58.8"	4.9927	5.0953	-2.3	78.5	11.2	-4.88	298.90	18.80	69.5 Ari
10 Feb 2024	02h23m47.03s	+13 13' 39.2"	4.9929	5.1111	-2.3	77.6	11.1	-5.31	299.63	19.19	69.6 Ari
11 Feb 2024	02h24m16.62s	+13 16' 22.2"	4.9931	5.1268	-2.3	76.7	11.1	-5.73	300.36	19.57	69.7 Ari
12 Feb 2024	02h24m46.81s	+13 19' 07.8"	4.9933	5.1425	-2.3	75.8	11.0	-6.15	301.09	19.95	69.8 Ari
13 Feb 2024	02h25m17.59s	+13 21' 55.9"	4.9935	5.1581	-2.3	74.9	11.0	-6.56	301.82	20.32	69.8 Ari
14 Feb 2024	02h25m48.95s	+13 24' 46.4"	4.9937	5.1737	-2.3	74.1	11.0	-6.96	302.55	20.68	69.9 Ari
15 Feb 2024	02h26m20.89s	+13 27' 39.3"	4.9940	5.1892	-2.3	73.2	10.9	-7.37	303.28	21.04	70.0 Ari
16 Feb 2024	02h26m53.40s	+13 30' 34.5"	4.9942	5.2046	-2.3	72.3	10.9	-7.76	304.02	21.39	70.0 Ari
17 Feb 2024	02h27m26.47s	+13 33' 31.9"	4.9944	5.2199	-2.3	71.5	10.8	-8.15	304.75	21.74	70.1 Ari
18 Feb 2024	02h28m00.08s	+13 36' 31.5"	4.9946	5.2352	-2.3	70.6	10.8	-8.53	305.49	22.08	70.2 Ari
19 Feb 2024	02h28m34.24s	+13 39' 33.3"	4.9948	5.2504	-2.3	69.7	10.7	-8.91	306.22	22.42	70.3 Ari
20 Feb 2024	02h29m08.94s	+13 42' 37.1"	4.9950	5.2655	-2.2	68.9	10.6	-9.28	306.96	22.75	70.3 Ari
21 Feb 2024	02h29m44.16s	+13 45' 43.0"	4.9952	5.2805	-2.2	68.0	10.6	-9.65	307.70	23.07	70.4 Ari
22 Feb 2024	02h30m19.91s	+13 48' 50.8"	4.9955	5.2954	-2.2	67.2	10.5	-10.01	308.44	23.39	70.5 Ari
23 Feb 2024	02h30m56.17s	+13 52' 00.5"	4.9957	5.3102	-2.2	66.3	10.4	-10.37	309.18	23.71	70.5 Ari
24 Feb 2024	02h31m32.93s	+13 55' 12.1"	4.9959	5.3250	-2.2	65.5	10.4	-10.72	309.92	24.02	70.6 Ari
25 Feb 2024	02h32m10.20s	+13 58' 25.5"	4.9961	5.3396	-2.2	64.6	10.3	-11.06	310.67	24.33	70.7 Ari
26 Feb 2024	02h32m47.96s	+14 01' 40.7"	4.9963	5.3542	-2.2	63.8	10.2	-11.40	311.41	24.63	70.7 Ari
27 Feb 2024	02h33m26.21s	+14 04' 57.6"	4.9965	5.3686	-2.2	62.9	10.2	-11.73	312.16	24.92	70.8 Ari
28 Feb 2024	02h34m04.93s	+14 08' 16.1"	4.9968	5.3830	-2.2	62.1	10.1	-12.06	312.91	25.22	70.9 Ari
29 Feb 2024	02h34m44.14s	+14 11' 36.3"	4.9970	5.3972	-2.2	61.3	10.0	-12.38	313.65	25.51	70.9 Ari
1 Mär 2024	02h35m23.81s	+14 14' 58.0"	4.9972	5.4114	-2.2	60.4	9.9	-12.69	314.40	25.79	71.0 Ari
2 Mär 2024	02h36m03.94s	+14 18' 21.2"	4.9974	5.4254	-2.2	59.6	9.8	-13.00	315.16	26.07	71.1 Ari
3 Mär 2024	02h36m44.53s	+14 21' 46.0"	4.9976	5.4393	-2.2	58.8	9.8	-13.30	315.91	26.34	71.1 Ari
4 Mär 2024	02h37m25.57s	+14 25' 12.1"	4.9979	5.4531	-2.2	57.9	9.7	-13.60	316.66	26.61	71.2 Ari
5 Mär 2024	02h38m07.06s	+14 28' 39.6"	4.9981	5.4668	-2.2	57.1	9.6	-13.89	317.42	26.88	71.3 Ari
6 Mär 2024	02h38m48.98s	+14 32' 08.5"	4.9983	5.4803	-2.2	56.3	9.5	-14.17	318.17	27.14	71.3 Ari
7 Mär 2024	02h39m31.34s	+14 35' 38.7"	4.9985	5.4937	-2.2	55.5	9.4	-14.45	318.93	27.40	71.4 Ari
8 Mär 2024	02h40m14.12s	+14 39' 10.1"	4.9987	5.5070	-2.2	54.7	9.3	-14.72	319.69	27.66	71.4 Ari
9 Mär 2024	02h40m57.32s	+14 42' 42.6"	4.9990	5.5202	-2.1	53.8	9.2	-14.98	320.45	27.91	71.5 Ari
10 Mär 2024	02h41m40.94s	+14 46' 16.4"	4.9992	5.5333	-2.1	53.0	9.1	-15.24	321.21	28.15	71.6 Ari
11 Mär 2024	02h42m24.97s	+14 49' 51.2"	4.9994	5.5462	-2.1	52.2	9.0	-15.49	321.97	28.39	71.6 Ari
12 Mär 2024	02h43m09.39s	+14 53' 27.0"	4.9996	5.5589	-2.1	51.4	8.9	-15.74	322.74	28.62	71.7 Ari
13 Mär 2024	02h43m54.21s	+14 57' 03.8"	4.9999	5.5716	-2.1	50.6	8.8	-15.98	323.50	28.85	71.8 Ari
14 Mär 2024	02h44m39.41s	+15 00' 41.5"	5.0001	5.5840	-2.1	49.8	8.7	-16.21	324.27	29.08	71.8 Ari

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Datum	RA	Deklination	r	delta	mag	Elong	Phase	Höhe	Az.	Gesch.	PA
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15 Mär 2024	02h45m24.99s	+15 04' 20.1"	5.0003	5.5964	-2.1	49.0	8.6	-16.44	325.03	29.30	71.9 Ari
16 Mär 2024	02h46m10.94s	+15 07' 59.6"	5.0005	5.6086	-2.1	48.2	8.5	-16.66	325.80	29.51	72.0 Ari
17 Mär 2024	02h46m57.26s	+15 11' 39.8"	5.0008	5.6206	-2.1	47.4	8.4	-16.88	326.57	29.72	72.0 Ari
18 Mär 2024	02h47m43.93s	+15 15' 20.7"	5.0010	5.6325	-2.1	46.6	8.3	-17.09	327.34	29.93	72.1 Ari
19 Mär 2024	02h48m30.95s	+15 19' 02.2"	5.0012	5.6443	-2.1	45.8	8.2	-17.29	328.11	30.13	72.2 Ari
20 Mär 2024	02h49m18.32s	+15 22' 44.4"	5.0014	5.6559	-2.1	45.0	8.1	-17.49	328.88	30.32	72.2 Ari
21 Mär 2024	02h50m06.02s	+15 26' 27.2"	5.0017	5.6673	-2.1	44.2	8.0	-17.68	329.66	30.52	72.3 Ari
22 Mär 2024	02h50m54.06s	+15 30' 10.5"	5.0019	5.6786	-2.1	43.4	7.9	-17.86	330.43	30.70	72.4 Ari
23 Mär 2024	02h51m42.42s	+15 33' 54.3"	5.0021	5.6898	-2.1	42.6	7.8	-18.04	331.20	30.89	72.5 Ari
24 Mär 2024	02h52m31.10s	+15 37' 38.6"	5.0024	5.7007	-2.1	41.8	7.6	-18.21	331.98	31.07	72.5 Ari
25 Mär 2024	02h53m20.09s	+15 41' 23.3"	5.0026	5.7115	-2.1	41.1	7.5	-18.37	332.75	31.24	72.6 Ari
26 Mär 2024	02h54m09.40s	+15 45' 08.3"	5.0028	5.7222	-2.1	40.3	7.4	-18.53	333.53	31.42	72.7 Ari
27 Mär 2024	02h54m59.01s	+15 48' 53.7"	5.0030	5.7327	-2.1	39.5	7.3	-18.68	334.31	31.59	72.7 Ari
28 Mär 2024	02h55m48.92s	+15 52' 39.3"	5.0033	5.7430	-2.1	38.7	7.2	-18.82	335.08	31.75	72.8 Ari
29 Mär 2024	02h56m39.12s	+15 56' 25.3"	5.0035	5.7532	-2.1	37.9	7.0	-18.96	335.86	31.91	72.9 Ari
30 Mär 2024	02h57m29.61s	+16 00' 11.4"	5.0037	5.7632	-2.1	37.2	6.9	-19.09	336.64	32.07	72.9 Ari
31 Mär 2024	02h58m20.39s	+16 03' 57.7"	5.0040	5.7730	-2.1	36.4	6.8	-19.22	337.42	32.23	73.0 Ari
1 Apr 2024	02h59m11.44s	+16 07' 44.2"	5.0042	5.7827	-2.1	35.6	6.7	-19.34	338.20	32.38	73.1 Ari
2 Apr 2024	03h00m02.77s	+16 11' 30.7"	5.0044	5.7922	-2.1	34.8	6.6	-19.45	338.98	32.53	73.2 Ari
3 Apr 2024	03h00m54.37s	+16 15' 17.4"	5.0047	5.8015	-2.1	34.1	6.4	-19.56	339.75	32.67	73.2 Ari
4 Apr 2024	03h01m46.23s	+16 19' 04.1"	5.0049	5.8106	-2.1	33.3	6.3	-19.66	340.53	32.81	73.3 Ari
5 Apr 2024	03h02m38.35s	+16 22' 50.7"	5.0051	5.8196	-2.0	32.5	6.2	-19.75	341.31	32.95	73.4 Ari
6 Apr 2024	03h03m30.73s	+16 26' 37.4"	5.0054	5.8284	-2.0	31.8	6.0	-19.84	342.09	33.09	73.4 Ari
7 Apr 2024	03h04m23.35s	+16 30' 23.9"	5.0056	5.8370	-2.0	31.0	5.9	-19.92	342.87	33.22	73.5 Ari
8 Apr 2024	03h05m16.21s	+16 34' 10.4"	5.0058	5.8455	-2.0	30.2	5.8	-19.99	343.65	33.34	73.6 Ari
9 Apr 2024	03h06m09.32s	+16 37' 56.6"	5.0061	5.8537	-2.0	29.5	5.6	-20.06	344.43	33.46	73.7 Ari
10 Apr 2024	03h07m02.65s	+16 41' 42.7"	5.0063	5.8618	-2.0	28.7	5.5	-20.12	345.21	33.58	73.7 Ari
11 Apr 2024	03h07m56.21s	+16 45' 28.5"	5.0066	5.8697	-2.0	28.0	5.4	-20.18	345.98	33.70	73.8 Ari
12 Apr 2024	03h08m49.98s	+16 49' 14.1"	5.0068	5.8774	-2.0	27.2	5.3	-20.23	346.76	33.81	73.9 Ari
13 Apr 2024	03h09m43.97s	+16 52' 59.3"	5.0070	5.8849	-2.0	26.4	5.1	-20.27	347.54	33.91	74.0 Ari
14 Apr 2024	03h10m38.16s	+16 56' 44.1"	5.0073	5.8922	-2.0	25.7	5.0	-20.31	348.31	34.01	74.0 Ari
15 Apr 2024	03h11m32.55s	+17 00' 28.6"	5.0075	5.8994	-2.0	24.9	4.8	-20.34	349.09	34.11	74.1 Ari
16 Apr 2024	03h12m27.13s	+17 04' 12.6"	5.0077	5.9063	-2.0	24.2	4.7	-20.36	349.86	34.21	74.2 Ari
17 Apr 2024	03h13m21.91s	+17 07' 56.1"	5.0080	5.9131	-2.0	23.4	4.6	-20.38	350.64	34.30	74.3 Ari
18 Apr 2024	03h14m16.87s	+17 11' 39.2"	5.0082	5.9197	-2.0	22.7	4.4	-20.39	351.41	34.38	74.3 Ari
19 Apr 2024	03h15m12.00s	+17 15' 21.7"	5.0085	5.9261	-2.0	21.9	4.3	-20.40	352.18	34.47	74.4 Ari
20 Apr 2024	03h16m07.31s	+17 19' 03.6"	5.0087	5.9323	-2.0	21.2	4.2	-20.40	352.96	34.55	74.5 Ari
21 Apr 2024	03h17m02.79s	+17 22' 45.0"	5.0089	5.9383	-2.0	20.4	4.0	-20.39	353.73	34.63	74.6 Ari
22 Apr 2024	03h17m58.43s	+17 26' 25.7"	5.0092	5.9441	-2.0	19.7	3.9	-20.38	354.50	34.70	74.6 Ari
23 Apr 2024	03h18m54.23s	+17 30' 05.8"	5.0094	5.9497	-2.0	18.9	3.7	-20.36	355.26	34.78	74.7 Ari
24 Apr 2024	03h19m50.18s	+17 33' 45.2"	5.0097	5.9552	-2.0	18.2	3.6	-20.33	356.03	34.84	74.8 Ari
25 Apr 2024	03h20m46.29s	+17 37' 23.9"	5.0099	5.9604	-2.0	17.5	3.5	-20.30	356.80	34.91	74.9 Ari
26 Apr 2024	03h21m42.54s	+17 41' 01.8"	5.0102	5.9655	-2.0	16.7	3.3	-20.26	357.56	34.97	75.0 Ari
27 Apr 2024	03h22m38.94s	+17 44' 39.1"	5.0104	5.9703	-2.0	16.0	3.2	-20.22	358.32	35.04	75.0 Ari
28 Apr 2024	03h23m35.47s	+17 48' 15.5"	5.0107	5.9750	-2.0	15.2	3.0	-20.17	359.08	35.09	75.1 Ari
29 Apr 2024	03h24m32.13s	+17 51' 51.2"	5.0109	5.9795	-2.0	14.5	2.9	-20.11	359.84	35.15	75.2 Tau
30 Apr 2024	03h25m28.93s	+17 55' 26.0"	5.0111	5.9838	-2.0	13.8	2.7	-20.05	0.60	35.20	75.3 Tau
1 Mai 2024	03h26m25.85s	+17 59' 00.0"	5.0114	5.9878	-2.0	13.0	2.6	-19.99	1.36	35.25	75.4 Tau
2 Mai 2024	03h27m22.89s	+18 02' 33.0"	5.0116	5.9917	-2.0	12.3	2.5	-19.91	2.11	35.30	75.4 Tau
3 Mai 2024	03h28m20.04s	+18 06' 05.2"	5.0119	5.9954	-2.0	11.6	2.3	-19.84	2.87	35.34	75.5 Tau
4 Mai 2024	03h29m17.31s	+18 09' 36.5"	5.0121	5.9989	-2.0	10.8	2.2	-19.75	3.62	35.39	75.6 Tau
5 Mai 2024	03h30m14.68s	+18 13' 06.8"	5.0124	6.0022	-2.0	10.1	2.0	-19.66	4.37	35.42	75.7 Tau
6 Mai 2024	03h31m12.16s	+18 16' 36.1"	5.0126	6.0053	-2.0	9.4	1.9	-19.57	5.11	35.46	75.8 Tau
7 Mai 2024	03h32m09.73s	+18 20' 04.5"	5.0129	6.0082	-2.0	8.6	1.7	-19.46	5.86	35.49	75.8 Tau
8 Mai 2024	03h33m07.38s	+18 23' 31.7"	5.0131	6.0109	-2.0	7.9	1.6	-19.36	6.60	35.52	75.9 Tau
9 Mai 2024	03h34m05.13s	+18 26' 57.9"	5.0134	6.0134	-2.0	7.2	1.4	-19.25	7.34	35.54	76.0 Tau
10 Mai 2024	03h35m02.95s	+18 30' 23.0"	5.0136	6.0157	-2.0	6.4	1.3	-19.13	8.08	35.56	76.1 Tau
11 Mai 2024	03h36m00.84s	+18 33' 47.0"	5.0139	6.0178	-2.0	5.7	1.2	-19.00	8.82	35.58	76.2 Tau
12 Mai 2024	03h36m58.80s	+18 37' 09.8"	5.0141	6.0197	-2.0	5.0	1.0	-18.88	9.56	35.59	76.3 Tau
13 Mai 2024	03h37m56.82s	+18 40' 31.5"	5.0144	6.0214	-2.0	4.3	0.9	-18.74	10.29	35.60	76.3 Tau
14 Mai 2024	03h38m54.90s	+18 43' 52.0"	5.0146	6.0229	-2.0	3.6	0.7	-18.60	11.02	35.61	76.4 Tau
15 Mai 2024	03h39m53.03s	+18 47' 11.2"	5.0149	6.0242	-2.0	2.8	0.6	-18.46	11.75	35.61	76.5 Tau
16 Mai 2024	03h40m51.20s	+18 50' 29.3"	5.0151	6.0253	-2.0	2.2	0.4	-18.31	12.47	35.61	76.6 Tau
17 Mai 2024	03h41m49.41s	+18 53' 46.0"	5.0154	6.0262	-2.0	1.5	0.3	-18.15	13.20	35.61	76.7 Tau
18 Mai 2024	03h42m47.66s	+18 57' 01.5"	5.0156	6.0270	-2.0	0.9	0.2	-17.99	13.92	35.61	76.8 Tau
19 Mai 2024	03h43m45.95s	+19 00' 15.7"	5.0159	6.0275	-2.0	0.7	0.2	-17.82	14.64	35.60	76.9 Tau
20 Mai 2024	03h44m44.26s	+19 03' 28.6"	5.0161	6.0278	-2.0	1.1	0.2	-17.65	15.35	35.59	76.9 Tau
21 Mai 2024	03h45m42.59s	+19 06' 40.2"	5.0164	6.0279	-2.0	1.8	0.4	-17.48	16.07	35.58	77.0 Tau
22 Mai 2024	03h46m40.94s	+19 09' 50.5"	5.0166	6.0278	-2.0	2.4	0.5	-17.30	16.78	35.56	77.1 Tau
23 Mai 2024	03h47m39.30s	+19 12' 59.3"	5.0169	6.0275	-2.0	3.1	0.6	-17.11	17.49	35.54	77.2 Tau
24 Mai 2024	03h48m37.68s	+19 16' 06.9"	5.0172	6.0270	-2.0	3.9	0.8	-16.92	18.20	35.53	77.3 Tau
25 Mai 2024	03h49m36.06s	+19 19' 13.0"	5.0174	6.0264	-2.0	4.6	0.9	-16.73	18.90	35.50	77.4 Tau
26 Mai 2024	03h50m34.44s	+19 22' 17.8"	5.0177	6.0255	-2.0	5.3	1.1	-16.52	19.60	35.48	77.5 Tau
27 Mai 2024	03h51m32.82s	+19 25' 21.2"	5.0179	6.0244	-2.0	6.0	1.2	-16.32	20.30	35.45	77.5 Tau

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Datum	RA	Deklination	r	delta	mag	Elong	Phase	Höhe	Az.	Gesch.	PA
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28 Mai 2024	03h52m31.20s	+19 28' 23.1"	5.0182	6.0232	-2.0	6.7	1.4	-16.11	21.00	35.42	77.6 Tau
29 Mai 2024	03h53m29.56s	+19 31' 23.6"	5.0184	6.0217	-2.0	7.4	1.5	-15.89	21.69	35.39	77.7 Tau
30 Mai 2024	03h54m27.91s	+19 34' 22.7"	5.0187	6.0200	-2.0	8.2	1.6	-15.67	22.38	35.36	77.8 Tau
31 Mai 2024	03h55m26.23s	+19 37' 20.4"	5.0189	6.0182	-2.0	8.9	1.8	-15.45	23.07	35.32	77.9 Tau
1 Jun 2024	03h56m24.54s	+19 40' 16.5"	5.0192	6.0161	-2.0	9.6	1.9	-15.22	23.76	35.28	78.0 Tau
2 Jun 2024	03h57m22.81s	+19 43' 11.2"	5.0195	6.0139	-2.0	10.3	2.1	-14.99	24.44	35.23	78.1 Tau
3 Jun 2024	03h58m21.04s	+19 46' 04.3"	5.0197	6.0115	-2.0	11.1	2.2	-14.75	25.13	35.19	78.1 Tau
4 Jun 2024	03h59m19.24s	+19 48' 56.0"	5.0200	6.0088	-2.0	11.8	2.4	-14.51	25.80	35.14	78.2 Tau
5 Jun 2024	04h00m17.39s	+19 51' 46.1"	5.0202	6.0060	-2.0	12.5	2.5	-14.26	26.48	35.08	78.3 Tau
6 Jun 2024	04h01m15.48s	+19 54' 34.6"	5.0205	6.0030	-2.0	13.2	2.7	-14.01	27.16	35.03	78.4 Tau
7 Jun 2024	04h02m13.51s	+19 57' 21.6"	5.0208	5.9998	-2.0	14.0	2.8	-13.76	27.83	34.97	78.5 Tau
8 Jun 2024	04h03m11.48s	+20 00' 07.0"	5.0210	5.9963	-2.0	14.7	2.9	-13.50	28.50	34.90	78.6 Tau
9 Jun 2024	04h04m09.38s	+20 02' 50.8"	5.0213	5.9927	-2.0	15.4	3.1	-13.23	29.16	34.83	78.7 Tau
10 Jun 2024	04h05m07.20s	+20 05' 33.0"	5.0216	5.9889	-2.0	16.1	3.2	-12.96	29.83	34.76	78.8 Tau
11 Jun 2024	04h06m04.93s	+20 08' 13.6"	5.0218	5.9849	-2.0	16.9	3.4	-12.69	30.49	34.69	78.8 Tau
12 Jun 2024	04h07m02.58s	+20 10' 52.6"	5.0221	5.9808	-2.0	17.6	3.5	-12.42	31.15	34.61	78.9 Tau
13 Jun 2024	04h08m00.13s	+20 13' 29.9"	5.0223	5.9764	-2.0	18.3	3.6	-12.13	31.81	34.53	79.0 Tau
14 Jun 2024	04h09m07.59s	+20 16' 05.6"	5.0226	5.9718	-2.0	19.0	3.8	-11.85	32.46	34.45	79.1 Tau
15 Jun 2024	04h09m54.94s	+20 18' 39.7"	5.0229	5.9671	-2.0	19.8	3.9	-11.56	33.11	34.37	79.2 Tau
16 Jun 2024	04h10m52.18s	+20 21' 12.1"	5.0231	5.9621	-2.0	20.5	4.1	-11.27	33.76	34.28	79.3 Tau
17 Jun 2024	04h11m49.31s	+20 23' 42.9"	5.0234	5.9570	-2.0	21.2	4.2	-10.97	34.41	34.19	79.4 Tau
18 Jun 2024	04h12m46.31s	+20 26' 12.0"	5.0237	5.9517	-2.0	21.9	4.3	-10.67	35.06	34.09	79.5 Tau
19 Jun 2024	04h13m43.20s	+20 28' 39.4"	5.0239	5.9462	-2.0	22.7	4.5	-10.37	35.70	34.00	79.5 Tau
20 Jun 2024	04h14m39.95s	+20 31' 05.2"	5.0242	5.9406	-2.0	23.4	4.6	-10.06	36.34	33.90	79.6 Tau
21 Jun 2024	04h15m36.57s	+20 33' 29.3"	5.0245	5.9347	-2.0	24.1	4.7	-9.75	36.98	33.80	79.7 Tau
22 Jun 2024	04h16m33.06s	+20 35' 51.8"	5.0247	5.9287	-2.0	24.9	4.9	-9.43	37.62	33.69	79.8 Tau
23 Jun 2024	04h17m29.40s	+20 38' 12.6"	5.0250	5.9225	-2.0	25.6	5.0	-9.11	38.25	33.59	79.9 Tau
24 Jun 2024	04h18m25.59s	+20 40' 31.7"	5.0253	5.9161	-2.0	26.3	5.1	-8.79	38.88	33.48	80.0 Tau
25 Jun 2024	04h19m21.63s	+20 42' 49.1"	5.0255	5.9095	-2.0	27.0	5.3	-8.46	39.52	33.37	80.1 Tau
26 Jun 2024	04h20m17.51s	+20 45' 04.9"	5.0258	5.9028	-2.0	27.8	5.4	-8.13	40.14	33.25	80.2 Tau
27 Jun 2024	04h21m13.23s	+20 47' 19.0"	5.0261	5.8958	-2.0	28.5	5.5	-7.79	40.77	33.14	80.2 Tau
28 Jun 2024	04h22m08.79s	+20 49' 31.3"	5.0263	5.8887	-2.0	29.2	5.7	-7.46	41.39	33.02	80.3 Tau
29 Jun 2024	04h23m04.17s	+20 51' 42.1"	5.0266	5.8815	-2.0	30.0	5.8	-7.11	42.02	32.89	80.4 Tau
30 Jun 2024	04h24m09.36s	+20 53' 51.1"	5.0269	5.8740	-2.0	30.7	5.9	-6.77	42.64	32.77	80.5 Tau
1 Jul 2024	04h24m54.38s	+20 55' 58.4"	5.0271	5.8664	-2.0	31.5	6.1	-6.42	43.26	32.64	80.6 Tau
2 Jul 2024	04h25m49.20s	+20 58' 04.0"	5.0274	5.8586	-2.0	32.2	6.2	-6.07	43.87	32.50	80.7 Tau
3 Jul 2024	04h26m43.81s	+21 00' 07.9"	5.0277	5.8506	-2.0	32.9	6.3	-5.71	44.49	32.36	80.8 Tau
4 Jul 2024	04h27m38.23s	+21 02' 10.2"	5.0280	5.8425	-2.0	33.7	6.4	-5.35	45.10	32.22	80.8 Tau
5 Jul 2024	04h28m32.42s	+21 04' 10.7"	5.0282	5.8341	-2.0	34.4	6.6	-4.99	45.72	32.07	80.9 Tau
6 Jul 2024	04h29m26.40s	+21 06' 09.4"	5.0285	5.8257	-2.0	35.1	6.7	-4.62	46.33	31.92	81.0 Tau
7 Jul 2024	04h30m20.15s	+21 08' 06.5"	5.0288	5.8170	-2.0	35.9	6.8	-4.25	46.94	31.77	81.1 Tau
8 Jul 2024	04h31m13.66s	+21 10' 01.9"	5.0290	5.8082	-2.0	36.6	6.9	-3.88	47.54	31.61	81.2 Tau
9 Jul 2024	04h32m06.94s	+21 11' 55.6"	5.0293	5.7992	-2.0	37.4	7.0	-3.51	48.15	31.45	81.3 Tau
10 Jul 2024	04h32m59.97s	+21 13' 47.5"	5.0296	5.7901	-2.0	38.1	7.2	-3.13	48.75	31.29	81.3 Tau
11 Jul 2024	04h33m52.74s	+21 15' 37.8"	5.0299	5.7808	-2.0	38.9	7.3	-2.74	49.36	31.12	81.4 Tau
12 Jul 2024	04h34m45.25s	+21 17' 26.3"	5.0301	5.7713	-2.0	39.6	7.4	-2.36	49.96	30.95	81.5 Tau
13 Jul 2024	04h35m37.50s	+21 19' 13.2"	5.0304	5.7617	-2.1	40.4	7.5	-1.97	50.56	30.78	81.6 Tau
14 Jul 2024	04h36m29.47s	+21 20' 58.4"	5.0307	5.7519	-2.1	41.1	7.6	-1.58	51.16	30.60	81.7 Tau
15 Jul 2024	04h37m21.17s	+21 22' 41.8"	5.0310	5.7420	-2.1	41.9	7.7	-1.18	51.76	30.42	81.8 Tau
16 Jul 2024	04h38m12.58s	+21 24' 23.7"	5.0312	5.7319	-2.1	42.6	7.9	-0.78	52.36	30.24	81.8 Tau
17 Jul 2024	04h39m03.70s	+21 26' 03.8"	5.0315	5.7217	-2.1	43.4	8.0	-0.38	52.95	30.05	81.9 Tau
18 Jul 2024	04h39m54.53s	+21 27' 42.3"	5.0318	5.7113	-2.1	44.1	8.1	0.02	53.55	29.86	82.0 Tau
19 Jul 2024	04h40m45.09s	+21 29' 19.1"	5.0321	5.7007	-2.1	44.9	8.2	0.43	54.15	29.66	82.1 Tau
20 Jul 2024	04h41m35.27s	+21 30' 54.3"	5.0323	5.6901	-2.1	45.6	8.3	0.84	54.74	29.47	82.2 Tau
21 Jul 2024	04h42m25.18s	+21 32' 27.9"	5.0326	5.6793	-2.1	46.4	8.4	1.26	55.33	29.27	82.2 Tau
22 Jul 2024	04h43m14.76s	+21 33' 59.8"	5.0329	5.6683	-2.1	47.2	8.5	1.68	55.93	29.07	82.3 Tau
23 Jul 2024	04h44m04.02s	+21 35' 30.1"	5.0332	5.6572	-2.1	47.9	8.6	2.10	56.52	28.86	82.4 Tau
24 Jul 2024	04h44m52.95s	+21 36' 58.8"	5.0335	5.6459	-2.1	48.7	8.7	2.52	57.11	28.65	82.5 Tau
25 Jul 2024	04h45m41.54s	+21 38' 25.9"	5.0337	5.6346	-2.1	49.4	8.8	2.95	57.70	28.44	82.6 Tau
26 Jul 2024	04h46m29.78s	+21 39' 51.4"	5.0340	5.6231	-2.1	50.2	8.9	3.38	58.29	28.22	82.6 Tau
27 Jul 2024	04h47m17.68s	+21 41' 15.3"	5.0343	5.6114	-2.1	51.0	9.0	3.81	58.88	28.00	82.7 Tau
28 Jul 2024	04h48m05.21s	+21 42' 37.6"	5.0346	5.5996	-2.1	51.8	9.1	4.24	59.47	27.78	82.8 Tau
29 Jul 2024	04h48m52.38s	+21 43' 58.4"	5.0349	5.5877	-2.1	52.5	9.2	4.68	60.06	27.55	82.9 Tau
30 Jul 2024	04h49m39.17s	+21 45' 17.5"	5.0351	5.5756	-2.1	53.3	9.3	5.12	60.65	27.31	82.9 Tau
31 Jul 2024	04h50m25.58s	+21 46' 35.1"	5.0354	5.5635	-2.1	54.1	9.4	5.57	61.24	27.07	83.0 Tau
1 Aug 2024	04h51m11.60s	+21 47' 51.1"	5.0357	5.5512	-2.1	54.9	9.5	6.01	61.83	26.83	83.1 Tau
2 Aug 2024	04h51m57.21s	+21 49' 05.6"	5.0360	5.5387	-2.1	55.6	9.6	6.46	62.42	26.58	83.2 Tau
3 Aug 2024	04h52m42.42s	+21 50' 18.5"	5.0363	5.5262	-2.1	56.4	9.7	6.92	63.00	26.33	83.2 Tau
4 Aug 2024	04h53m27.21s	+21 51' 29.9"	5.0365	5.5135	-2.1	57.2	9.7	7.37	63.59	26.07	83.3 Tau
5 Aug 2024	04h54m11.58s	+21 52' 39.8"	5.0368	5.5007	-2.1	58.0	9.8	7.83	64.18	25.81	83.4 Tau
6 Aug 2024	04h54m55.52s	+21 53' 48.1"	5.0371	5.4878	-2.1	58.8	9.9	8.29	64.77	25.55	83.5 Tau
7 Aug 2024	04h55m39.01s	+21 54' 55.0"	5.0374	5.4748	-2.1	59.6	10.0	8.76	65.37	25.28	83.5 Tau
8 Aug 2024	04h56m22.06s	+21 56' 00.4"	5.0377	5.4617	-2.2	60.3	10.1	9.22	65.96	25.00	83.6 Tau
9 Aug 2024	04h57m04.66s	+21 57' 04.3"	5.0380	5.4484	-2.2	61.1	10.2	9.69	66.55	24.73	83.7 Tau

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Datum	RA	Deklination	r	delta	mag	Elong	Phase	Höhe	Az.	Gesch.	PA
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10 Aug 2024	04h57m46.79s	+21 58' 06.7"	5.0383	5.4351	-2.2	61.9	10.2	10.16	67.14	24.44	83.7 Tau
11 Aug 2024	04h58m28.45s	+21 59' 07.7"	5.0385	5.4217	-2.2	62.7	10.3	10.64	67.74	24.16	83.8 Tau
12 Aug 2024	04h59m09.63s	+22 00' 07.3"	5.0388	5.4081	-2.2	63.5	10.4	11.12	68.33	23.87	83.9 Tau
13 Aug 2024	04h59m50.33s	+22 01' 05.4"	5.0391	5.3945	-2.2	64.3	10.4	11.60	68.93	23.57	83.9 Tau
14 Aug 2024	05h00m30.54s	+22 02' 02.2"	5.0394	5.3807	-2.2	65.1	10.5	12.08	69.52	23.28	84.0 Tau
15 Aug 2024	05h01m10.24s	+22 02' 57.5"	5.0397	5.3669	-2.2	65.9	10.6	12.57	70.12	22.98	84.1 Tau
16 Aug 2024	05h01m49.45s	+22 03' 51.5"	5.0400	5.3530	-2.2	66.8	10.6	13.06	70.72	22.67	84.1 Tau
17 Aug 2024	05h02m28.14s	+22 04' 44.1"	5.0403	5.3390	-2.2	67.6	10.7	13.55	71.32	22.36	84.2 Tau
18 Aug 2024	05h03m06.31s	+22 05' 35.4"	5.0405	5.3249	-2.2	68.4	10.8	14.04	71.92	22.05	84.2 Tau
19 Aug 2024	05h03m43.95s	+22 06' 25.4"	5.0408	5.3107	-2.2	69.2	10.8	14.54	72.53	21.73	84.3 Tau
20 Aug 2024	05h04m21.06s	+22 07' 14.1"	5.0411	5.2965	-2.2	70.0	10.9	15.04	73.13	21.41	84.4 Tau
21 Aug 2024	05h04m57.64s	+22 08' 01.4"	5.0414	5.2822	-2.2	70.8	10.9	15.54	73.74	21.09	84.4 Tau
22 Aug 2024	05h05m33.66s	+22 08' 47.5"	5.0417	5.2678	-2.2	71.7	11.0	16.05	74.35	20.76	84.5 Tau
23 Aug 2024	05h06m09.12s	+22 09' 32.3"	5.0420	5.2533	-2.2	72.5	11.0	16.56	74.96	20.42	84.5 Tau
24 Aug 2024	05h06m44.02s	+22 10' 15.9"	5.0423	5.2388	-2.2	73.3	11.1	17.06	75.57	20.08	84.6 Tau
25 Aug 2024	05h07m18.35s	+22 10' 58.2"	5.0426	5.2242	-2.2	74.1	11.1	17.58	76.19	19.74	84.7 Tau
26 Aug 2024	05h07m52.10s	+22 11' 39.2"	5.0429	5.2095	-2.2	75.0	11.2	18.09	76.81	19.39	84.7 Tau
27 Aug 2024	05h08m25.25s	+22 12' 19.1"	5.0431	5.1948	-2.3	75.8	11.2	18.61	77.43	19.04	84.8 Tau
28 Aug 2024	05h08m57.80s	+22 12' 57.7"	5.0434	5.1800	-2.3	76.7	11.2	19.13	78.05	18.68	84.8 Tau
29 Aug 2024	05h09m29.74s	+22 13' 35.2"	5.0437	5.1651	-2.3	77.5	11.3	19.65	78.68	18.31	84.9 Tau
30 Aug 2024	05h10m01.06s	+22 14' 11.4"	5.0440	5.1502	-2.3	78.3	11.3	20.18	79.31	17.94	84.9 Tau
31 Aug 2024	05h10m31.75s	+22 14' 46.5"	5.0443	5.1353	-2.3	79.2	11.3	20.70	79.94	17.57	85.0 Tau
1 Sep 2024	05h11m01.81s	+22 15' 20.4"	5.0446	5.1203	-2.3	80.0	11.4	21.23	80.58	17.19	85.0 Tau
2 Sep 2024	05h11m31.22s	+22 15' 53.2"	5.0449	5.1053	-2.3	80.9	11.4	21.77	81.22	16.80	85.1 Tau
3 Sep 2024	05h11m59.97s	+22 16' 24.9"	5.0452	5.0902	-2.3	81.7	11.4	22.30	81.86	16.42	85.1 Tau
4 Sep 2024	05h12m28.06s	+22 16' 55.4"	5.0455	5.0751	-2.3	82.6	11.4	22.84	82.51	16.02	85.2 Tau
5 Sep 2024	05h12m55.49s	+22 17' 24.9"	5.0458	5.0600	-2.3	83.5	11.5	23.38	83.16	15.62	85.2 Tau
6 Sep 2024	05h13m22.23s	+22 17' 53.2"	5.0461	5.0448	-2.3	84.3	11.5	23.92	83.82	15.22	85.2 Tau
7 Sep 2024	05h13m48.29s	+22 18' 20.6"	5.0464	5.0296	-2.3	85.2	11.5	24.46	84.48	14.82	85.3 Tau
8 Sep 2024	05h14m13.65s	+22 18' 46.8"	5.0467	5.0144	-2.3	86.1	11.5	25.01	85.15	14.41	85.3 Tau
9 Sep 2024	05h14m38.31s	+22 19' 12.1"	5.0470	4.9992	-2.3	87.0	11.5	25.55	85.82	13.99	85.4 Tau
10 Sep 2024	05h15m02.26s	+22 19' 36.3"	5.0473	4.9839	-2.3	87.8	11.5	26.10	86.49	13.57	85.4 Tau
11 Sep 2024	05h15m25.50s	+22 19' 59.5"	5.0475	4.9687	-2.3	88.7	11.5	26.66	87.17	13.15	85.4 Tau
12 Sep 2024	05h15m48.02s	+22 20' 21.8"	5.0478	4.9534	-2.4	89.6	11.5	27.21	87.86	12.72	85.5 Tau
13 Sep 2024	05h16m09.81s	+22 20' 43.1"	5.0481	4.9382	-2.4	90.5	11.5	27.76	88.55	12.29	85.5 Tau
14 Sep 2024	05h16m30.86s	+22 21' 03.4"	5.0484	4.9229	-2.4	91.4	11.5	28.32	89.24	11.86	85.5 Tau
15 Sep 2024	05h16m51.18s	+22 21' 22.8"	5.0487	4.9077	-2.4	92.3	11.5	28.88	89.95	11.42	85.6 Tau
16 Sep 2024	05h17m10.74s	+22 21' 41.2"	5.0490	4.8925	-2.4	93.2	11.5	29.44	90.66	10.98	85.6 Tau
17 Sep 2024	05h17m29.56s	+22 21' 58.8"	5.0493	4.8773	-2.4	94.1	11.5	30.01	91.37	10.54	85.6 Tau
18 Sep 2024	05h17m47.61s	+22 22' 15.4"	5.0496	4.8621	-2.4	95.0	11.4	30.57	92.10	10.09	85.6 Tau
19 Sep 2024	05h18m04.90s	+22 22' 31.2"	5.0499	4.8469	-2.4	95.9	11.4	31.14	92.83	9.64	85.6 Tau
20 Sep 2024	05h18m21.41s	+22 22' 46.0"	5.0502	4.8317	-2.4	96.8	11.4	31.70	93.56	9.19	85.7 Tau
21 Sep 2024	05h18m37.14s	+22 23' 00.0"	5.0505	4.8166	-2.4	97.7	11.4	32.27	94.31	8.73	85.7 Tau
22 Sep 2024	05h18m52.09s	+22 23' 13.1"	5.0508	4.8015	-2.4	98.6	11.3	32.84	95.06	8.26	85.7 Tau
23 Sep 2024	05h19m06.24s	+22 23' 25.4"	5.0511	4.7865	-2.4	99.6	11.3	33.41	95.83	7.79	85.7 Tau
24 Sep 2024	05h19m19.58s	+22 23' 36.8"	5.0514	4.7714	-2.4	100.5	11.3	33.98	96.60	7.32	85.7 Tau
25 Sep 2024	05h19m32.12s	+22 23' 47.4"	5.0517	4.7565	-2.4	101.4	11.2	34.56	97.38	6.85	85.7 Tau
26 Sep 2024	05h19m43.84s	+22 23' 57.1"	5.0520	4.7415	-2.4	102.4	11.2	35.13	98.17	6.36	85.7 Tau
27 Sep 2024	05h19m54.74s	+22 24' 06.0"	5.0523	4.7267	-2.5	103.3	11.1	35.71	98.97	5.88	85.7 Tau
28 Sep 2024	05h20m04.80s	+22 24' 14.1"	5.0526	4.7119	-2.5	104.2	11.1	36.28	99.78	5.39	85.7 Tau
29 Sep 2024	05h20m14.03s	+22 24' 21.3"	5.0529	4.6971	-2.5	105.2	11.0	36.86	100.60	4.90	85.6 Tau
30 Sep 2024	05h20m22.42s	+22 24' 27.8"	5.0532	4.6824	-2.5	106.1	11.0	37.44	101.43	4.41	85.6 Tau
1 Okt 2024	05h20m29.96s	+22 24' 33.4"	5.0535	4.6678	-2.5	107.1	10.9	38.01	102.27	3.91	85.5 Tau
2 Okt 2024	05h20m36.66s	+22 24' 38.3"	5.0538	4.6533	-2.5	108.0	10.9	38.59	103.13	3.42	85.4 Tau
3 Okt 2024	05h20m42.50s	+22 24' 42.4"	5.0541	4.6388	-2.5	109.0	10.8	39.17	104.00	2.92	85.3 Tau
4 Okt 2024	05h20m47.48s	+22 24' 45.7"	5.0544	4.6244	-2.5	110.0	10.7	39.74	104.88	2.41	85.1 Tau
5 Okt 2024	05h20m51.60s	+22 24' 48.3"	5.0547	4.6102	-2.5	110.9	10.6	40.32	105.77	1.91	84.8 Tau
6 Okt 2024	05h20m54.85s	+22 24' 50.0"	5.0550	4.5960	-2.5	111.9	10.6	40.90	106.68	1.41	84.3 Tau
7 Okt 2024	05h20m57.24s	+22 24' 51.1"	5.0553	4.5819	-2.5	112.9	10.5	41.47	107.60	0.90	83.2 Tau
8 Okt 2024	05h20m58.77s	+22 24' 51.3"	5.0557	4.5679	-2.5	113.9	10.4	42.04	108.54	0.40	79.2 Tau
9 Okt 2024	05h20m59.42s	+22 24' 50.9"	5.0560	4.5541	-2.5	114.9	10.3	42.62	109.50	0.12	289.5 Tau
10 Okt 2024	05h20m59.21s	+22 24' 49.6"	5.0563	4.5403	-2.5	115.9	10.2	43.19	110.47	0.62	270.9 Tau
11 Okt 2024	05h20m58.13s	+22 24' 47.7"	5.0566	4.5267	-2.6	116.8	10.1	43.76	111.45	1.13	268.9 Tau
12 Okt 2024	05h20m56.18s	+22 24' 45.0"	5.0569	4.5132	-2.6	117.8	10.1	44.33	112.46	1.64	268.1 Tau
13 Okt 2024	05h20m53.36s	+22 24' 41.6"	5.0572	4.4998	-2.6	118.8	10.0	44.89	113.48	2.14	267.7 Tau
14 Okt 2024	05h20m49.67s	+22 24' 37.4"	5.0575	4.4865	-2.6	119.8	9.9	45.45	114.52	2.65	267.4 Tau
15 Okt 2024	05h20m45.12s	+22 24' 32.5"	5.0578	4.4734	-2.6	120.9	9.7	46.01	115.58	3.15	267.3 Tau
16 Okt 2024	05h20m39.71s	+22 24' 26.9"	5.0581	4.4605	-2.6	121.9	9.6	46.57	116.67	3.66	267.1 Tau
17 Okt 2024	05h20m33.43s	+22 24' 20.5"	5.0584	4.4476	-2.6	122.9	9.5	47.12	117.77	4.16	267.0 Tau
18 Okt 2024	05h20m26.29s	+22 24' 13.4"	5.0587	4.4350	-2.6	123.9	9.4	47.67	118.89	4.66	266.9 Tau
19 Okt 2024	05h20m18.29s	+22 24' 05.5"	5.0590	4.4224	-2.6	124.9	9.3	48.22	120.04	5.16	266.9 Tau
20 Okt 2024	05h20m09.43s	+22 23' 56.9"	5.0593	4.4101	-2.6	126.0	9.2	48.76	121.21	5.66	266.8 Tau
21 Okt 2024	05h19m59.72s	+22 23' 47.5"	5.0596	4.3979	-2.6	127.0	9.0	49.30	122.40	6.16	266.8 Tau
22 Okt 2024	05h19m49.15s	+22 23' 37.4"	5.0599	4.3859	-2.6	128.0	8.9	49.83	123.62	6.66	266.7 Tau

# EPHEMERIDE 2024 – JUPITER

Datum	RA	Deklination	r	delta	mag	Elong	Phase	Höhe	Az.	Gesch.	PA
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23 Okt 2024	05h19m37.73s	+22 23' 26.5"	5.0603	4.3740	-2.6	129.1	8.8	50.35	124.87	7.16	266.7 Tau
24 Okt 2024	05h19m25.46s	+22 23' 14.8"	5.0606	4.3623	-2.6	130.1	8.6	50.87	126.14	7.65	266.6 Tau
25 Okt 2024	05h19m12.35s	+22 23' 02.3"	5.0609	4.3509	-2.6	131.1	8.5	51.38	127.43	8.14	266.6 Tau
26 Okt 2024	05h18m58.41s	+22 22' 49.1"	5.0612	4.3396	-2.6	132.2	8.4	51.88	128.76	8.63	266.6 Tau
27 Okt 2024	05h18m43.63s	+22 22' 35.1"	5.0615	4.3284	-2.7	133.3	8.2	52.38	130.12	9.11	266.5 Tau
28 Okt 2024	05h18m28.03s	+22 22' 20.3"	5.0618	4.3175	-2.7	134.3	8.1	52.86	131.50	9.59	266.5 Tau
29 Okt 2024	05h18m11.61s	+22 22' 04.7"	5.0621	4.3068	-2.7	135.4	7.9	53.34	132.92	10.06	266.4 Tau
30 Okt 2024	05h17m54.38s	+22 21' 48.3"	5.0624	4.2963	-2.7	136.4	7.8	53.81	134.36	10.53	266.4 Tau
31 Okt 2024	05h17m36.36s	+22 21' 31.1"	5.0627	4.2860	-2.7	137.5	7.6	54.27	135.84	10.99	266.4 Tau
1 Nov 2024	05h17m17.55s	+22 21' 13.2"	5.0630	4.2760	-2.7	138.6	7.5	54.71	137.35	11.45	266.4 Tau
2 Nov 2024	05h16m57.96s	+22 20' 54.4"	5.0634	4.2661	-2.7	139.7	7.3	55.15	138.89	11.90	266.3 Tau
3 Nov 2024	05h16m37.61s	+22 20' 34.9"	5.0637	4.2565	-2.7	140.7	7.1	55.57	140.46	12.34	266.3 Tau
4 Nov 2024	05h16m16.51s	+22 20' 14.5"	5.0640	4.2471	-2.7	141.8	7.0	55.98	142.07	12.77	266.3 Tau
5 Nov 2024	05h15m54.67s	+22 19' 53.4"	5.0643	4.2379	-2.7	142.9	6.8	56.38	143.72	13.20	266.2 Tau
6 Nov 2024	05h15m32.10s	+22 19' 31.5"	5.0646	4.2290	-2.7	144.0	6.6	56.76	145.39	13.62	266.2 Tau
7 Nov 2024	05h15m08.83s	+22 19' 08.7"	5.0649	4.2204	-2.7	145.1	6.4	57.12	147.10	14.03	266.2 Tau
8 Nov 2024	05h14m44.86s	+22 18' 45.2"	5.0652	4.2119	-2.7	146.2	6.2	57.47	148.84	14.43	266.1 Tau
9 Nov 2024	05h14m20.22s	+22 18' 20.9"	5.0655	4.2038	-2.7	147.3	6.1	57.80	150.62	14.82	266.1 Tau
10 Nov 2024	05h13m54.92s	+22 17' 55.8"	5.0659	4.1958	-2.7	148.4	5.9	58.12	152.43	15.20	266.0 Tau
11 Nov 2024	05h13m28.97s	+22 17' 29.9"	5.0662	4.1882	-2.7	149.5	5.7	58.41	154.26	15.57	266.0 Tau
12 Nov 2024	05h13m02.41s	+22 17' 03.2"	5.0665	4.1808	-2.7	150.6	5.5	58.69	156.14	15.93	266.0 Tau
13 Nov 2024	05h12m35.23s	+22 16' 35.7"	5.0668	4.1736	-2.7	151.7	5.3	58.95	158.04	16.27	265.9 Tau
14 Nov 2024	05h12m07.47s	+22 16' 07.4"	5.0671	4.1668	-2.8	152.8	5.1	59.18	159.96	16.61	265.9 Tau
15 Nov 2024	05h11m39.14s	+22 15' 38.3"	5.0674	4.1602	-2.8	153.9	4.9	59.40	161.92	16.94	265.9 Tau
16 Nov 2024	05h11m10.25s	+22 15' 08.5"	5.0678	4.1539	-2.8	155.1	4.7	59.59	163.90	17.26	265.8 Tau
17 Nov 2024	05h10m40.84s	+22 14' 37.8"	5.0681	4.1478	-2.8	156.2	4.5	59.76	165.90	17.56	265.8 Tau
18 Nov 2024	05h10m10.91s	+22 14' 06.4"	5.0684	4.1421	-2.8	157.3	4.3	59.91	167.93	17.86	265.7 Tau
19 Nov 2024	05h09m40.48s	+22 13' 34.2"	5.0687	4.1366	-2.8	158.4	4.1	60.03	169.97	18.14	265.7 Tau
20 Nov 2024	05h09m09.58s	+22 13' 01.3"	5.0690	4.1314	-2.8	159.6	3.9	60.13	172.03	18.41	265.6 Tau
21 Nov 2024	05h08m38.23s	+22 12' 27.6"	5.0693	4.1265	-2.8	160.7	3.7	60.20	174.10	18.67	265.6 Tau
22 Nov 2024	05h08m06.45s	+22 11' 53.2"	5.0697	4.1219	-2.8	161.8	3.5	60.25	176.18	18.92	265.6 Tau
23 Nov 2024	05h07m34.26s	+22 11' 18.0"	5.0700	4.1176	-2.8	162.9	3.3	60.27	178.27	19.15	265.5 Tau
24 Nov 2024	05h07m01.69s	+22 10' 42.2"	5.0703	4.1136	-2.8	164.1	3.1	60.27	180.36	19.37	265.5 Tau
25 Nov 2024	05h06m28.75s	+22 10' 05.6"	5.0706	4.1098	-2.8	165.2	2.8	60.25	182.46	19.57	265.4 Tau
26 Nov 2024	05h05m55.49s	+22 09' 28.4"	5.0709	4.1064	-2.8	166.4	2.6	60.19	184.55	19.76	265.4 Tau
27 Nov 2024	05h05m21.91s	+22 08' 50.5"	5.0712	4.1033	-2.8	167.5	2.4	60.12	186.64	19.93	265.3 Tau
28 Nov 2024	05h04m48.04s	+22 08' 12.0"	5.0716	4.1005	-2.8	168.6	2.2	60.01	188.72	20.09	265.3 Tau
29 Nov 2024	05h04m13.92s	+22 07' 33.0"	5.0719	4.0980	-2.8	169.8	2.0	59.88	190.79	20.23	265.3 Tau
30 Nov 2024	05h03m39.57s	+22 06' 53.3"	5.0722	4.0958	-2.8	170.9	1.8	59.73	192.85	20.36	265.2 Tau
1 Dez 2024	05h03m05.01s	+22 06' 13.1"	5.0725	4.0940	-2.8	172.1	1.5	59.55	194.89	20.47	265.2 Tau
2 Dez 2024	05h02m30.28s	+22 05' 32.4"	5.0728	4.0924	-2.8	173.2	1.3	59.35	196.91	20.57	265.1 Tau
3 Dez 2024	05h01m55.40s	+22 04' 51.2"	5.0732	4.0912	-2.8	174.4	1.1	59.13	198.91	20.64	265.1 Tau
4 Dez 2024	05h01m20.41s	+22 04' 09.6"	5.0735	4.0903	-2.8	175.5	0.9	58.88	200.89	20.71	265.1 Tau
5 Dez 2024	05h00m45.32s	+22 03' 27.6"	5.0738	4.0896	-2.8	176.6	0.7	58.61	202.84	20.75	265.0 Tau
6 Dez 2024	05h00m10.17s	+22 02' 45.2"	5.0741	4.0894	-2.8	177.8	0.4	58.31	204.77	20.78	265.0 Tau
7 Dez 2024	04h59m34.98s	+22 02' 02.4"	5.0744	4.0894	-2.8	178.8	0.2	58.00	206.67	20.79	264.9 Tau
8 Dez 2024	04h58m59.79s	+22 01' 19.4"	5.0748	4.0897	-2.8	179.3	0.1	57.67	208.53	20.79	264.9 Tau
9 Dez 2024	04h58m24.62s	+22 00' 36.0"	5.0751	4.0904	-2.8	178.5	0.3	57.31	210.37	20.76	264.8 Tau
10 Dez 2024	04h57m49.51s	+21 59' 52.5"	5.0754	4.0914	-2.8	177.4	0.5	56.94	212.18	20.73	264.8 Tau
11 Dez 2024	04h57m14.47s	+21 59' 08.8"	5.0757	4.0927	-2.8	176.3	0.7	56.55	213.95	20.67	264.8 Tau
12 Dez 2024	04h56m39.53s	+21 58' 24.9"	5.0761	4.0943	-2.8	175.2	0.9	56.14	215.70	20.61	264.7 Tau
13 Dez 2024	04h56m04.72s	+21 57' 40.9"	5.0764	4.0962	-2.8	174.0	1.2	55.71	217.41	20.52	264.7 Tau
14 Dez 2024	04h55m30.07s	+21 56' 56.8"	5.0767	4.0984	-2.8	172.9	1.4	55.27	219.08	20.42	264.7 Tau
15 Dez 2024	04h54m55.60s	+21 56' 12.7"	5.0770	4.1010	-2.8	171.8	1.6	54.81	220.73	20.31	264.6 Tau
16 Dez 2024	04h54m21.33s	+21 55' 28.7"	5.0773	4.1038	-2.8	170.6	1.8	54.34	222.34	20.18	264.6 Tau
17 Dez 2024	04h53m47.29s	+21 54' 44.7"	5.0777	4.1070	-2.8	169.5	2.0	53.85	223.92	20.04	264.5 Tau
18 Dez 2024	04h53m13.51s	+21 54' 00.8"	5.0780	4.1105	-2.8	168.3	2.2	53.36	225.47	19.88	264.5 Tau
19 Dez 2024	04h52m40.01s	+21 53' 17.0"	5.0783	4.1143	-2.8	167.2	2.5	52.84	226.98	19.71	264.5 Tau
20 Dez 2024	04h52m06.81s	+21 52' 33.5"	5.0786	4.1183	-2.8	166.0	2.7	52.32	228.47	19.52	264.5 Tau
21 Dez 2024	04h51m33.94s	+21 51' 50.2"	5.0790	4.1227	-2.8	164.9	2.9	51.79	229.92	19.32	264.4 Tau
22 Dez 2024	04h51m01.42s	+21 51' 07.2"	5.0793	4.1274	-2.8	163.7	3.1	51.24	231.35	19.11	264.4 Tau
23 Dez 2024	04h50m29.28s	+21 50' 24.6"	5.0796	4.1325	-2.8	162.6	3.3	50.69	232.74	18.88	264.4 Tau
24 Dez 2024	04h49m57.55s	+21 49' 42.3"	5.0799	4.1378	-2.8	161.5	3.5	50.13	234.11	18.63	264.4 Tau
25 Dez 2024	04h49m26.23s	+21 49' 00.6"	5.0803	4.1434	-2.8	160.3	3.7	49.55	235.45	18.38	264.3 Tau
26 Dez 2024	04h48m55.37s	+21 48' 19.3"	5.0806	4.1493	-2.8	159.2	3.9	48.97	236.76	18.11	264.3 Tau
27 Dez 2024	04h48m24.98s	+21 47' 38.7"	5.0809	4.1555	-2.8	158.0	4.2	48.39	238.05	17.82	264.3 Tau
28 Dez 2024	04h47m55.08s	+21 46' 58.6"	5.0813	4.1619	-2.8	156.9	4.4	47.79	239.31	17.52	264.3 Tau
29 Dez 2024	04h47m25.70s	+21 46' 19.2"	5.0816	4.1687	-2.7	155.8	4.6	47.19	240.55	17.21	264.3 Tau
30 Dez 2024	04h46m56.86s	+21 45' 40.6"	5.0819	4.1758	-2.7	154.6	4.8	46.59	241.76	16.88	264.3 Tau
31 Dez 2024	04h46m28.58s	+21 45' 02.7"	5.0822	4.1831	-2.7	153.5	5.0	45.98	242.95	16.55	264.3 Tau
1 Jan 2025	04h46m00.88s	+21 44' 25.7"	5.0826	4.1907	-2.7	152.4	5.1	45.36	244.12	16.20	264.3 Tau