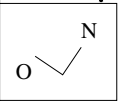


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22h34m29.4s J2000.0
 +10 44' 07" Peg
 | 1 Nov 2017 0:00:00
 Bahn von (89) Julia

Ephemeride des Kleinplaneten (89) Julia

Datum	RA	Deklination	r	delta	mag	Elong	Phase	Höhe	Az.	Gesch.	PA	Stb
15 Jul 2017	23h17m36.68s	+02 39' 13.7"	2.1224	1.4125	10.1	120.9	24.3	29.36	128.99	32.55	8.0	Psc
16 Jul 2017	23h17m44.42s	+02 52' 04.8"	2.1214	1.4025	10.1	121.8	24.0	30.00	129.83	32.26	6.1	Psc
17 Jul 2017	23h17m50.36s	+03 04' 52.2"	2.1204	1.3925	10.1	122.6	23.8	30.64	130.70	32.00	4.1	Psc
18 Jul 2017	23h17m54.48s	+03 17' 35.6"	2.1195	1.3827	10.0	123.4	23.6	31.28	131.58	31.77	2.0	Psc
19 Jul 2017	23h17m56.76s	+03 30' 14.8"	2.1185	1.3730	10.0	124.2	23.4	31.92	132.48	31.58	359.9	Psc
20 Jul 2017	23h17m57.19s	+03 42' 49.7"	2.1176	1.3634	10.0	125.1	23.1	32.55	133.41	31.41	357.7	Psc
21 Jul 2017	23h17m57.74s	+03 55' 19.8"	2.1166	1.3539	10.0	125.9	22.9	33.17	134.35	31.28	355.5	Psc
22 Jul 2017	23h17m52.40s	+04 07' 45.1"	2.1157	1.3445	10.0	126.8	22.6	33.80	135.32	31.19	353.3	Psc
23 Jul 2017	23h17m47.15s	+04 20' 05.2"	2.1148	1.3353	9.9	127.6	22.4	34.42	136.30	31.14	351.1	Psc
24 Jul 2017	23h17m39.99s	+04 32' 19.9"	2.1139	1.3262	9.9	128.5	22.1	35.03	137.32	31.12	348.8	Psc
25 Jul 2017	23h17m30.90s	+04 44' 29.0"	2.1130	1.3173	9.9	129.4	21.8	35.64	138.35	31.15	346.5	Psc
26 Jul 2017	23h17m19.89s	+04 56' 32.1"	2.1121	1.3085	9.9	130.2	21.5	36.24	139.41	31.21	344.2	Psc
27 Jul 2017	23h17m06.94s	+05 08' 29.1"	2.1113	1.2998	9.8	131.1	21.2	36.83	140.49	31.31	342.0	Psc
28 Jul 2017	23h16m52.05s	+05 20' 19.6"	2.1104	1.2913	9.8	132.0	20.9	37.42	141.60	31.45	339.7	Psc
29 Jul 2017	23h16m35.23s	+05 32' 03.4"	2.1096	1.2829	9.8	132.9	20.6	38.00	142.74	31.63	337.5	Psc
30 Jul 2017	23h16m16.47s	+05 43' 40.3"	2.1087	1.2747	9.8	133.8	20.3	38.57	143.90	31.85	335.2	Psc
31 Jul 2017	23h15m55.78s	+05 55' 10.0"	2.1079	1.2666	9.7	134.7	20.0	39.14	145.09	32.10	333.0	Psc
1 Aug 2017	23h15m33.15s	+06 06' 32.1"	2.1071	1.2587	9.7	135.6	19.7	39.69	146.30	32.38	330.9	Psc
2 Aug 2017	23h15m08.60s	+06 17' 46.3"	2.1063	1.2509	9.7	136.5	19.4	40.23	147.55	32.70	328.8	Psc
3 Aug 2017	23h14m42.12s	+06 28' 52.5"	2.1055	1.2434	9.7	137.4	19.0	40.76	148.82	33.05	326.7	Psc
4 Aug 2017	23h14m13.74s	+06 39' 50.2"	2.1047	1.2359	9.6	138.3	18.7	41.28	150.12	33.42	324.6	Psc
5 Aug 2017	23h13m43.45s	+06 50' 39.2"	2.1040	1.2287	9.6	139.2	18.4	41.79	151.46	33.82	322.6	Psc
6 Aug 2017	23h13m11.27s	+07 01' 19.1"	2.1032	1.2216	9.6	140.1	18.0	42.28	152.82	34.25	320.7	Psc
7 Aug 2017	23h12m37.22s	+07 11' 49.6"	2.1025	1.2147	9.6	141.1	17.6	42.76	154.21	34.69	318.8	Psc
8 Aug 2017	23h12m01.31s	+07 22' 10.5"	2.1017	1.2080	9.5	142.0	17.3	43.22	155.63	35.15	316.9	Psc
9 Aug 2017	23h11m23.57s	+07 32' 21.2"	2.1010	1.2014	9.5	142.9	16.9	43.67	157.09	35.63	315.1	Psc
10 Aug 2017	23h10m44.00s	+07 42' 21.6"	2.1003	1.1950	9.5	143.8	16.6	44.10	158.57	36.13	313.4	Psc
11 Aug 2017	23h10m02.64s	+07 52' 11.3"	2.0996	1.1889	9.5	144.7	16.2	44.51	160.08	36.63	311.7	Psc
12 Aug 2017	23h09m19.52s	+08 01' 49.8"	2.0989	1.1829	9.4	145.7	15.8	44.90	161.63	37.14	310.0	Psc
13 Aug 2017	23h08m34.66s	+08 11' 16.9"	2.0982	1.1771	9.4	146.6	15.4	45.28	163.20	37.65	308.4	Peg
14 Aug 2017	23h07m48.09s	+08 20' 32.2"	2.0976	1.1715	9.4	147.5	15.0	45.63	164.80	38.17	306.8	Peg
15 Aug 2017	23h06m59.87s	+08 29' 35.4"	2.0969	1.1661	9.4	148.4	14.7	45.96	166.43	38.68	305.3	Peg
16 Aug 2017	23h06m10.01s	+08 38' 26.1"	2.0963	1.1609	9.3	149.3	14.3	46.27	168.09	39.19	303.9	Peg
17 Aug 2017	23h05m18.59s	+08 47' 04.0"	2.0957	1.1559	9.3	150.2	13.9	46.55	169.77	39.69	302.5	Peg
18 Aug 2017	23h04m25.63s	+08 55' 28.7"	2.0951	1.1511	9.3	151.1	13.5	46.81	171.48	40.17	301.1	Peg
19 Aug 2017	23h03m31.21s	+09 03' 40.0"	2.0944	1.1465	9.3	151.9	13.1	47.05	173.21	40.64	299.7	Peg
20 Aug 2017	23h02m35.38s	+09 11' 37.5"	2.0939	1.1422	9.2	152.8	12.8	47.26	174.96	41.09	298.5	Peg
21 Aug 2017	23h01m38.20s	+09 19' 20.9"	2.0933	1.1380	9.2	153.6	12.4	47.44	176.73	41.51	297.2	Peg
22 Aug 2017	23h00m39.75s	+09 26' 50.1"	2.0927	1.1341	9.2	154.5	12.0	47.60	178.52	41.91	296.0	Peg
23 Aug 2017	22h59m40.11s	+09 34' 04.8"	2.0922	1.1304	9.2	155.3	11.7	47.73	180.33	42.28	294.8	Peg
24 Aug 2017	22h58m39.34s	+09 41' 04.9"	2.0916	1.1269	9.2	156.0	11.3	47.83	182.15	42.62	293.7	Peg
25 Aug 2017	22h57m37.54s	+09 47' 50.0"	2.0911	1.1237	9.1	156.8	11.0	47.90	183.98	42.93	292.6	Peg
26 Aug 2017	22h56m34.77s	+09 54' 20.1"	2.0906	1.1207	9.1	157.5	10.6	47.94	185.82	43.20	291.6	Peg
27 Aug 2017	22h55m31.13s	+10 00' 35.1"	2.0901	1.1179	9.1	158.2	10.3	47.95	187.66	43.43	290.6	Peg
28 Aug 2017	22h54m26.71s	+10 06' 34.8"	2.0896	1.1153	9.1	158.9	10.0	47.94	189.51	43.62	289.6	Peg
29 Aug 2017	22h53m21.58s	+10 12' 19.2"	2.0891	1.1130	9.1	159.5	9.8	47.89	191.36	43.78	288.6	Peg
30 Aug 2017	22h52m15.85s	+10 17' 48.2"	2.0886	1.1109	9.1	160.0	9.5	47.82	193.21	43.89	287.7	Peg
31 Aug 2017	22h51m09.59s	+10 23' 01.7"	2.0881	1.1090	9.0	160.6	9.3	47.71	195.05	43.96	286.7	Peg
1 Sep 2017	22h50m02.91s	+10 27' 59.8"	2.0877	1.1074	9.0	161.0	9.0	47.58	196.89	43.98	285.8	Peg
2 Sep 2017	22h48m55.90s	+10 32' 42.3"	2.0873	1.1060	9.0	161.4	8.9	47.42	198.72	43.96	285.0	Peg
3 Sep 2017	22h47m48.64s	+10 37' 09.5"	2.0868	1.1048	9.0	161.7	8.7	47.23	200.54	43.89	284.1	Peg
4 Sep 2017	22h46m41.24s	+10 41' 21.3"	2.0864	1.1039	9.0	162.0	8.6	47.01	202.34	43.78	283.3	Peg
5 Sep 2017	22h45m33.78s	+10 45' 17.8"	2.0860	1.1032	9.0	162.2	8.5	46.77	204.13	43.62	282.5	Peg
6 Sep 2017	22h44m26.37s	+10 48' 59.1"	2.0856	1.1027	9.0	162.3	8.5	46.50	205.90	43.41	281.7	Peg
7 Sep 2017	22h43m19.08s	+10 52' 25.3"	2.0853	1.1025	9.0	162.3	8.4	46.20	207.65	43.16	280.9	Peg
8 Sep 2017	22h42m12.03s	+10 55' 36.6"	2.0849	1.1025	9.0	162.3	8.5	45.88	209.38	42.86	280.1	Peg
9 Sep 2017	22h41m05.29s	+10 58' 33.1"	2.0846	1.1028	9.0	162.2	8.5	45.53	211.09	42.51	279.4	Peg
10 Sep 2017	22h39m58.97s	+11 01' 15.0"	2.0842	1.1033	9.0	162.0	8.6	45.16	212.77	42.12	278.6	Peg
11 Sep 2017	22h38m53.16s	+11 03' 42.6"	2.0839	1.1040	9.0	161.7	8.7	44.77	214.43	41.68	277.9	Peg
12 Sep 2017	22h37m47.94s	+11 05' 56.0"	2.0836	1.1050	9.0	161.3	8.9	44.36	216.06	41.18	277.1	Peg
13 Sep 2017	22h36m43.41s	+11 07' 55.6"	2.0833	1.1061	9.0	160.9	9.1	43.92	217.67	40.64	276.4	Peg
14 Sep 2017	22h35m39.67s	+11 09' 41.6"	2.0830	1.1076	9.0	160.5	9.3	43.47	219.24	40.05	275.7	Peg
15 Sep 2017	22h34m36.81s	+11 11' 14.4"	2.0827	1.1092	9.0	160.0	9.5	43.00	220.79	39.42	275.0	Peg
16 Sep 2017	22h33m34.92s	+11 12' 34.2"	2.0825	1.1111	9.1	159.4	9.8	42.51	222.32	38.73	274.3	Peg
17 Sep 2017	22h32m34.08s	+11 13' 41.6"	2.0822	1.1132	9.1	158.8	10.1	42.01	223.81	38.00	273.6	Peg
18 Sep 2017	22h31m34.40s	+11 14' 36.9"	2.0820	1.1155	9.1	158.1	10.4	41.49	225.27	37.22	272.9	Peg
19 Sep 2017	22h30m35.95s	+11 15' 20.6"	2.0818	1.1181	9.1	157.4	10.7	40.95	226.71	36.39	272.2	Peg
20 Sep 2017	22h29m38.82s	+11 15' 53.1"	2.0816	1.1209	9.1	156.7	11.0	40.40	228.12	35.52	271.5	Peg
21 Sep 2017	22h28m43.09s	+11 16' 14.9"	2.0814	1.1239	9.1	155.9	11.3	39.84	229.50	34.61	270.8	Peg
22 Sep 2017	22h27m48.84s	+11 16' 26.6"	2.0812	1.1271	9.2	155.1	11.7	39.27	230.85	33.65	270.2	Peg
23 Sep 2017	22h26m56.13s	+11 16' 28.6"	2.0810	1.1306	9.2	154.3	12.1	38.69	232.17	32.66	269.5	Peg
24 Sep 2017	22h26m05.04s	+11 16' 21.5"	2.0808	1.1342	9.2	153.5	12.4	38.10	233.47	31.63	268.8	Peg
25 Sep 2017	22h25m15.63s	+11 16' 05.8"	2.0807	1.1381	9.2	152.7	12.8	37.50	234.74	30.57	268.1	Peg

Ephemeride des Kleinplaneten (89) Julia

Datum	RA	Deklination	r	delta	mag	Elong	Phase	Höhe	Az.	Gesch.	PA	Stb
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26 Sep 2017	22h24m27.96s	+11 15' 42.0"	2.0806	1.1422	9.2	151.8	13.2	36.90	235.98	29.48	267.4	Peg
27 Sep 2017	22h23m42.09s	+11 15' 10.8"	2.0804	1.1465	9.3	150.9	13.5	36.28	237.20	28.36	266.7	Peg
28 Sep 2017	22h22m58.06s	+11 14' 32.6"	2.0803	1.1510	9.3	150.1	13.9	35.66	238.39	27.21	265.9	Peg
29 Sep 2017	22h22m15.92s	+11 13' 48.0"	2.0802	1.1557	9.3	149.2	14.3	35.04	239.56	26.04	265.2	Peg
30 Sep 2017	22h21m35.72s	+11 12' 57.4"	2.0801	1.1606	9.3	148.3	14.7	34.41	240.70	24.85	264.4	Peg
1 Okt 2017	22h20m57.49s	+11 12' 01.5"	2.0801	1.1656	9.4	147.4	15.0	33.78	241.82	23.63	263.6	Peg
2 Okt 2017	22h20m21.26s	+11 11' 00.8"	2.0800	1.1709	9.4	146.5	15.4	33.14	242.92	22.40	262.8	Peg
3 Okt 2017	22h19m47.07s	+11 09' 55.7"	2.0800	1.1764	9.4	145.5	15.8	32.51	244.00	21.16	261.9	Peg
4 Okt 2017	22h19m14.94s	+11 08' 46.8"	2.0799	1.1820	9.4	144.6	16.2	31.87	245.05	19.90	260.9	Peg
5 Okt 2017	22h18m44.90s	+11 07' 34.6"	2.0799	1.1878	9.5	143.7	16.5	31.23	246.09	18.63	259.9	Peg
6 Okt 2017	22h18m16.96s	+11 06' 19.5"	2.0799	1.1938	9.5	142.8	16.9	30.59	247.10	17.36	258.8	Peg
7 Okt 2017	22h17m51.14s	+11 05' 02.0"	2.0799	1.2000	9.5	141.9	17.3	29.95	248.10	16.08	257.5	Peg
8 Okt 2017	22h17m27.46s	+11 03' 42.5"	2.0799	1.2063	9.5	141.0	17.6	29.31	249.08	14.80	256.1	Peg
9 Okt 2017	22h17m05.92s	+11 02' 21.6"	2.0799	1.2128	9.5	140.0	18.0	28.67	250.04	13.51	254.5	Peg
10 Okt 2017	22h16m46.54s	+11 00' 59.5"	2.0800	1.2195	9.6	139.1	18.3	28.03	250.98	12.23	252.7	Peg
11 Okt 2017	22h16m29.33s	+10 59' 36.8"	2.0800	1.2263	9.6	138.2	18.7	27.39	251.91	10.95	250.5	Peg
12 Okt 2017	22h16m14.29s	+10 58' 13.9"	2.0801	1.2333	9.6	137.3	19.0	26.76	252.82	9.68	247.8	Peg
13 Okt 2017	22h16m01.43s	+10 56' 51.2"	2.0802	1.2405	9.6	136.4	19.3	26.13	253.71	8.43	244.4	Peg
14 Okt 2017	22h15m50.76s	+10 55' 29.1"	2.0803	1.2478	9.7	135.5	19.6	25.50	254.59	7.20	240.0	Peg
15 Okt 2017	22h15m42.28s	+10 54' 08.0"	2.0804	1.2552	9.7	134.6	20.0	24.87	255.46	6.03	233.9	Peg
16 Okt 2017	22h15m35.99s	+10 52' 48.4"	2.0805	1.2628	9.7	133.7	20.3	24.25	256.31	4.94	225.2	Peg
17 Okt 2017	22h15m31.88s	+10 51' 30.6"	2.0806	1.2706	9.7	132.8	20.6	23.63	257.14	4.02	212.3	Peg
18 Okt 2017	22h15m29.97s	+10 50' 15.0"	2.0808	1.2784	9.8	131.9	20.9	23.01	257.97	3.39	193.4	Peg
19 Okt 2017	22h15m30.23s	+10 49' 02.0"	2.0809	1.2865	9.8	131.0	21.2	22.40	258.78	3.23	169.9	Peg
20 Okt 2017	22h15m32.65s	+10 47' 52.0"	2.0811	1.2946	9.8	130.2	21.4	21.80	259.58	3.60	147.8	Peg
21 Okt 2017	22h15m37.24s	+10 46' 45.3"	2.0813	1.3029	9.8	129.3	21.7	21.20	260.37	4.36	131.7	Peg
22 Okt 2017	22h15m43.97s	+10 45' 42.2"	2.0814	1.3113	9.8	128.4	22.0	20.60	261.15	5.34	120.9	Peg
23 Okt 2017	22h15m52.83s	+10 44' 43.1"	2.0816	1.3198	9.9	127.6	22.3	20.01	261.92	6.44	113.5	Peg
24 Okt 2017	22h16m03.80s	+10 43' 48.3"	2.0819	1.3285	9.9	126.7	22.5	19.42	262.68	7.60	108.3	Peg
25 Okt 2017	22h16m16.86s	+10 42' 58.1"	2.0821	1.3372	9.9	125.9	22.8	18.84	263.43	8.79	104.4	Peg
26 Okt 2017	22h16m31.99s	+10 42' 12.7"	2.0823	1.3461	9.9	125.0	23.0	18.27	264.16	9.99	101.4	Peg
27 Okt 2017	22h16m49.17s	+10 41' 32.4"	2.0826	1.3551	10.0	124.2	23.3	17.70	264.89	11.20	99.0	Peg
28 Okt 2017	22h17m08.37s	+10 40' 57.4"	2.0829	1.3642	10.0	123.3	23.5	17.13	265.62	12.41	97.1	Peg
29 Okt 2017	22h17m29.57s	+10 40' 27.9"	2.0831	1.3734	10.0	122.5	23.7	16.58	266.33	13.61	95.5	Peg
30 Okt 2017	22h17m52.74s	+10 40' 04.1"	2.0834	1.3827	10.0	121.7	23.9	16.02	267.03	14.81	94.1	Peg
31 Okt 2017	22h18m17.86s	+10 39' 46.3"	2.0837	1.3921	10.0	120.9	24.1	15.48	267.73	15.99	92.9	Peg
1 Nov 2017	22h18m44.89s	+10 39' 34.6"	2.0840	1.4016	10.1	120.1	24.3	14.94	268.42	17.17	91.8	Peg