



15h53m09.4s J2000.0
 -19 42' 16" Lib
 1 Mai 2019 0:00:00
 Bahn von (20) Massalia

Ephemeride des Kleinplaneten (20) Massalia

Datum	RA	Deklination	r	delta	mag	Elong	Phase	Höhe	Az.	Gesch.	PA	Stb
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1 Mai 2019	16h06m17.31s	-20 19' 43.0"	2.6080	1.6526	10.2	156.6	8.8	17.23	170.84	30.71	282.1	Sco
2 Mai 2019	16h05m26.98s	-20 17' 06.3"	2.6092	1.6484	10.2	157.8	8.4	17.38	172.00	31.42	282.2	Sco
3 Mai 2019	16h04m35.52s	-20 14' 25.6"	2.6104	1.6445	10.2	158.9	8.0	17.52	173.17	32.11	282.2	Sco
4 Mai 2019	16h03m42.96s	-20 11' 41.1"	2.6116	1.6408	10.1	160.1	7.5	17.64	174.35	32.76	282.2	Sco
5 Mai 2019	16h02m49.38s	-20 08' 52.9"	2.6127	1.6374	10.1	161.3	7.1	17.76	175.54	33.37	282.3	Sco
6 Mai 2019	16h01m54.84s	-20 06' 01.1"	2.6139	1.6342	10.1	162.5	6.7	17.85	176.73	33.95	282.3	Lib
7 Mai 2019	16h00m59.40s	-20 03' 05.8"	2.6151	1.6313	10.1	163.7	6.2	17.94	177.93	34.48	282.4	Lib
8 Mai 2019	16h00m03.12s	-20 00' 07.2"	2.6162	1.6287	10.1	164.9	5.8	18.01	179.13	34.98	282.5	Lib
9 Mai 2019	15h59m06.08s	-19 57' 05.5"	2.6174	1.6263	10.0	166.1	5.3	18.06	180.34	35.44	282.5	Lib
10 Mai 2019	15h58m08.34s	-19 54' 00.9"	2.6185	1.6242	10.0	167.3	4.9	18.10	181.56	35.85	282.6	Lib
11 Mai 2019	15h57m09.98s	-19 50' 53.4"	2.6197	1.6224	10.0	168.5	4.4	18.12	182.77	36.23	282.6	Lib
12 Mai 2019	15h56m11.05s	-19 47' 43.3"	2.6208	1.6208	10.0	169.7	4.0	18.13	183.99	36.56	282.7	Lib
13 Mai 2019	15h55m11.64s	-19 44' 30.8"	2.6219	1.6195	9.9	170.9	3.5	18.12	185.21	36.85	282.8	Lib
14 Mai 2019	15h54m11.82s	-19 41' 16.0"	2.6231	1.6185	9.9	172.1	3.0	18.10	186.44	37.09	282.8	Lib
15 Mai 2019	15h53m11.64s	-19 37' 59.2"	2.6242	1.6178	9.9	173.3	2.6	18.06	187.66	37.30	282.9	Lib
16 Mai 2019	15h52m11.19s	-19 34' 40.5"	2.6253	1.6173	9.9	174.5	2.1	18.00	188.89	37.46	283.0	Lib
17 Mai 2019	15h51m10.53s	-19 31' 20.2"	2.6265	1.6171	9.8	175.7	1.7	17.93	190.12	37.59	283.0	Lib
18 Mai 2019	15h50m09.73s	-19 27' 58.5"	2.6276	1.6171	9.8	176.9	1.2	17.84	191.34	37.67	283.1	Lib
19 Mai 2019	15h49m08.86s	-19 24' 35.6"	2.6287	1.6175	9.8	178.0	0.8	17.74	192.56	37.71	283.2	Lib
20 Mai 2019	15h48m07.98s	-19 21' 11.6"	2.6298	1.6181	9.7	179.1	0.3	17.62	193.79	37.70	283.2	Lib
21 Mai 2019	15h47m07.16s	-19 17' 46.8"	2.6309	1.6190	9.7	179.2	0.3	17.49	195.00	37.66	283.3	Lib
22 Mai 2019	15h46m06.47s	-19 14' 21.5"	2.6320	1.6202	9.8	178.1	0.7	17.34	196.22	37.57	283.4	Lib
23 Mai 2019	15h45m05.98s	-19 10' 55.8"	2.6331	1.6216	9.8	177.0	1.2	17.17	197.43	37.45	283.4	Lib
24 Mai 2019	15h44m05.76s	-19 07' 30.0"	2.6342	1.6233	9.8	175.8	1.6	16.99	198.64	37.28	283.5	Lib
25 Mai 2019	15h43m05.87s	-19 04' 04.4"	2.6353	1.6253	9.9	174.6	2.1	16.80	199.85	37.07	283.6	Lib
26 Mai 2019	15h42m06.38s	-19 00' 39.1"	2.6363	1.6276	9.9	173.4	2.5	16.59	201.04	36.82	283.6	Lib
27 Mai 2019	15h41m07.36s	-18 57' 14.5"	2.6374	1.6301	9.9	172.2	3.0	16.36	202.24	36.52	283.7	Lib
28 Mai 2019	15h40m08.88s	-18 53' 50.8"	2.6385	1.6329	10.0	171.0	3.4	16.12	203.42	36.19	283.8	Lib
29 Mai 2019	15h39m10.99s	-18 50' 28.2"	2.6396	1.6360	10.0	169.8	3.9	15.87	204.60	35.81	283.8	Lib
30 Mai 2019	15h38m13.76s	-18 47' 07.0"	2.6406	1.6393	10.0	168.6	4.3	15.60	205.78	35.40	283.9	Lib
31 Mai 2019	15h37m17.26s	-18 43' 47.4"	2.6417	1.6429	10.0	167.4	4.8	15.32	206.94	34.95	284.0	Lib
1 Jun 2019	15h36m21.55s	-18 40' 29.8"	2.6427	1.6468	10.1	166.2	5.2	15.02	208.10	34.45	284.0	Lib