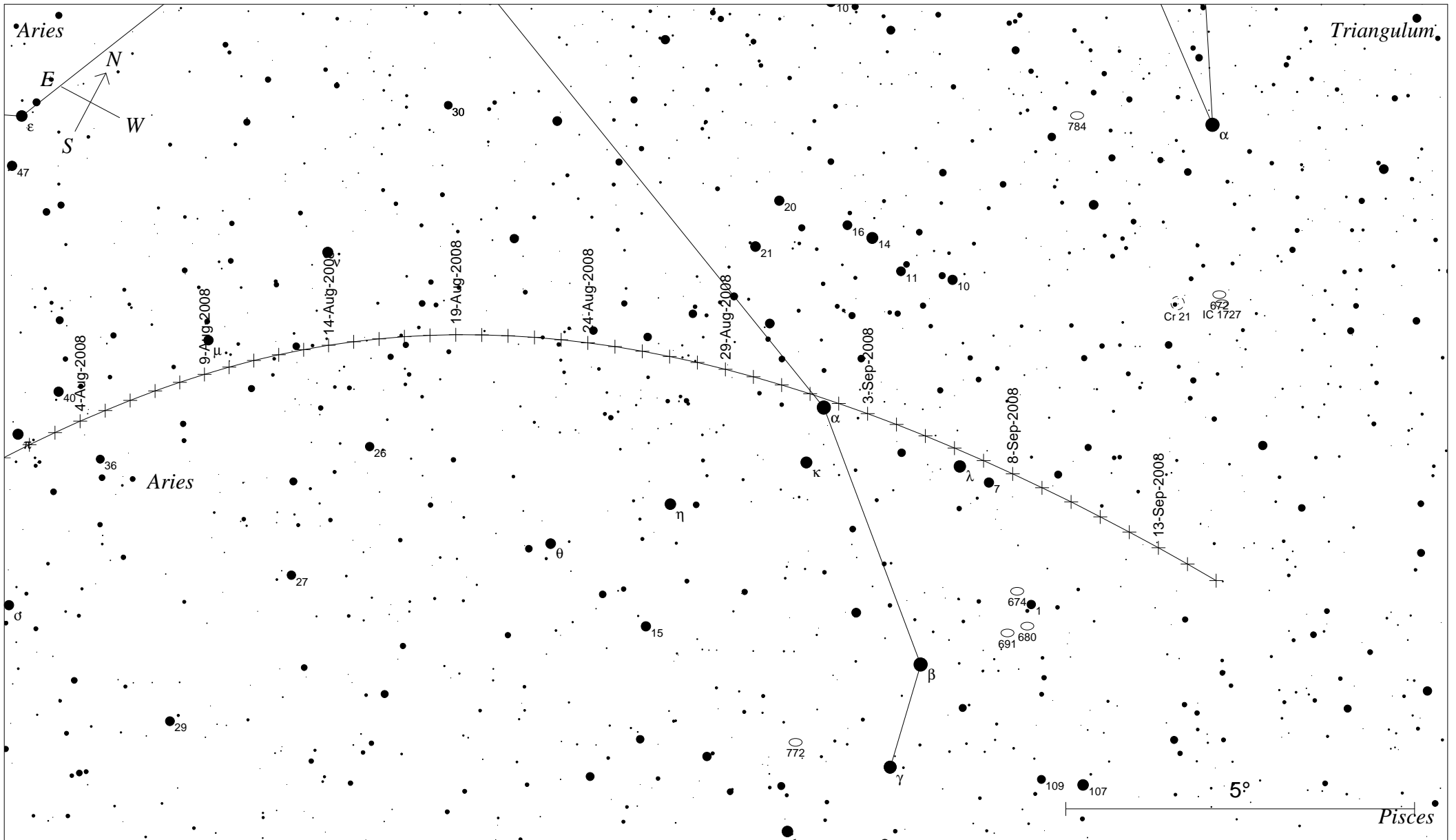


STARS		SYMBOLS		
● <4	● 9	● Multiple star	□ Dark nebula	△ Radio source
● 5	● >10	○ Variable star	⊕ Globular cluster	× X-ray source
● 6		☄ Comet	○ Open cluster	○ Other object
● 7		○ Galaxy	⊙ Planetary nebula	
● 8		□ Bright nebula	⊗ Quasar	

Aufsuchkarte von Komet C/2007 W1 Boattini

vom 10. Juli bis 15. September 2008, 00:00 UT

Sterne bis 10 mag / DS Objekte bis 12 mag



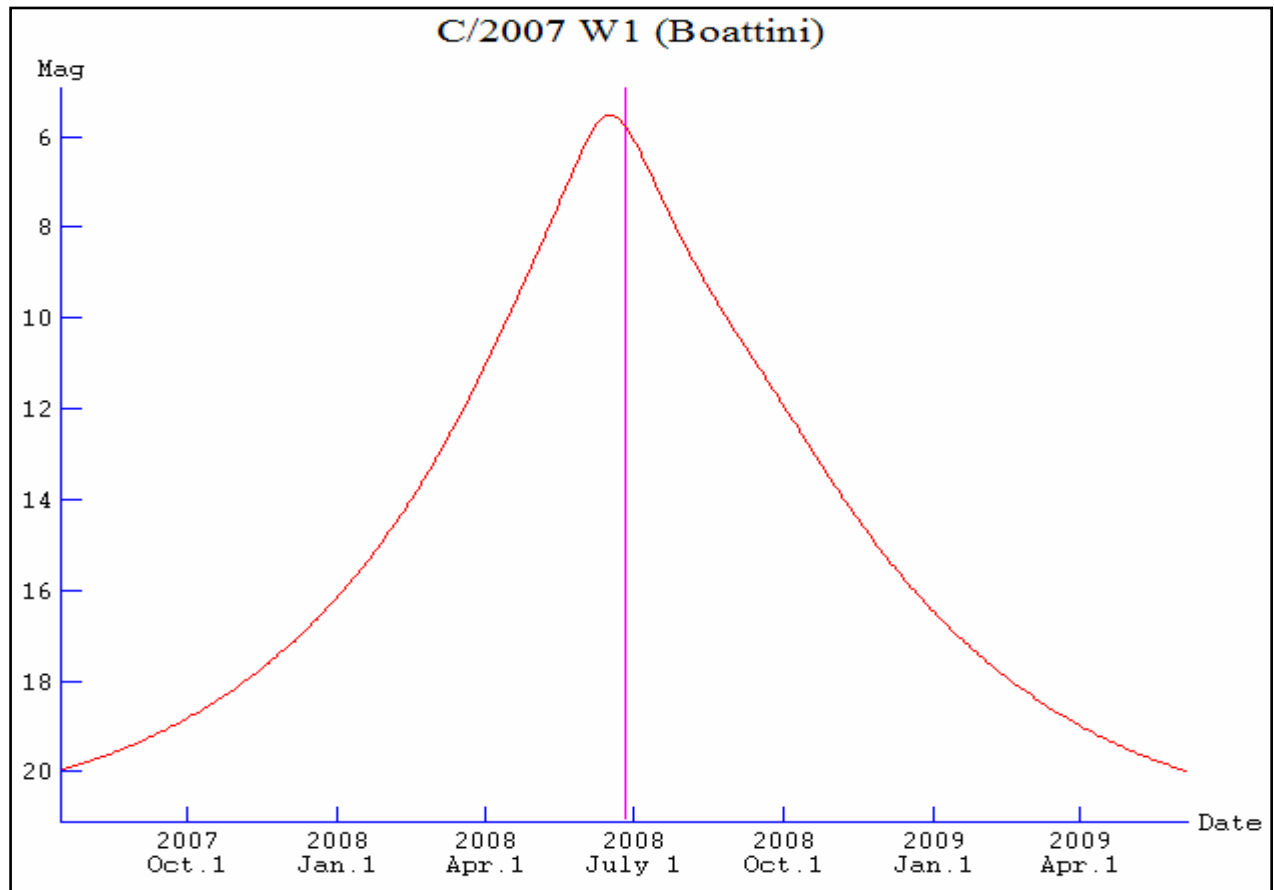
<p>STARS</p> <p>● <4 ● 9 ● 5 ● >10 ● 6 ● 7 ● 8</p>		<p>SYMBOLS</p> <p>● Multiple star □ Dark nebula △ Radio source ○ Variable star ⊕ Globular cluster × X-ray source ☄ Comet ☾ Open cluster ○ Other object ○ Galaxy ☿ Planetary nebula □ Bright nebula ⊗ Quasar</p>		<p><i>Aufsuchkarte von Komet C/2007 W1 Boattini</i></p> <p><i>vom 10. Juli bis 15. September 2008, 00:00 UT</i></p> <p><i>Sterne bis 10 mag / DS Objekte bis 12 mag</i></p>
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Ephemeride von Komet Boattini (C/2007 W1)

Datum	RA	Deklination	r	delta	mag	Elong	Phase	Gesch.	PA	
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10 Jul 2008	03h17m27.73s	+06 08' 39.7"	0.8948	0.3515	6.7	60.1	100.0	133.29	321.6	Cet
11 Jul 2008	03h15m17.66s	+06 49' 37.6"	0.9008	0.3591	6.8	61.3	98.3	127.02	322.7	Cet
12 Jul 2008	03h13m16.52s	+07 29' 13.3"	0.9070	0.3668	6.9	62.4	96.6	121.19	323.8	Cet
13 Jul 2008	03h11m23.57s	+08 07' 30.3"	0.9136	0.3745	7.0	63.6	94.9	115.79	324.8	Cet
14 Jul 2008	03h09m38.10s	+08 44' 32.1"	0.9205	0.3821	7.1	64.7	93.3	110.78	325.7	Cet
15 Jul 2008	03h07m59.46s	+09 20' 21.7"	0.9277	0.3897	7.1	65.8	91.6	106.13	326.6	Cet
16 Jul 2008	03h06m27.00s	+09 55' 02.3"	0.9352	0.3973	7.2	66.9	90.1	101.82	327.5	Cet
17 Jul 2008	03h05m00.13s	+10 28' 36.8"	0.9429	0.4048	7.3	68.0	88.5	97.82	328.2	Ari
18 Jul 2008	03h03m38.31s	+11 01' 08.1"	0.9509	0.4122	7.4	69.1	87.0	94.11	328.9	Ari
19 Jul 2008	03h02m21.01s	+11 32' 38.8"	0.9592	0.4195	7.4	70.2	85.5	90.66	329.5	Ari
20 Jul 2008	03h01m07.72s	+12 03' 11.3"	0.9677	0.4268	7.5	71.3	84.0	87.46	330.1	Ari
21 Jul 2008	02h59m57.98s	+12 32' 48.1"	0.9765	0.4340	7.6	72.4	82.6	84.49	330.5	Ari
22 Jul 2008	02h58m51.36s	+13 01' 31.2"	0.9854	0.4412	7.7	73.4	81.2	81.72	330.8	Ari
23 Jul 2008	02h57m47.43s	+13 29' 22.7"	0.9947	0.4482	7.7	74.5	79.8	79.15	331.1	Ari
24 Jul 2008	02h56m45.79s	+13 56' 24.5"	1.0041	0.4551	7.8	75.5	78.4	76.76	331.2	Ari
25 Jul 2008	02h55m46.09s	+14 22' 38.3"	1.0137	0.4620	7.9	76.6	77.1	74.54	331.2	Ari
26 Jul 2008	02h54m47.96s	+14 48' 05.9"	1.0235	0.4687	8.0	77.6	75.8	72.47	331.0	Ari
27 Jul 2008	02h53m51.08s	+15 12' 48.8"	1.0335	0.4753	8.0	78.7	74.5	70.56	330.8	Ari
28 Jul 2008	02h52m55.13s	+15 36' 48.3"	1.0437	0.4819	8.1	79.8	73.2	68.78	330.4	Ari
29 Jul 2008	02h51m59.82s	+16 00' 05.8"	1.0540	0.4883	8.2	80.8	72.0	67.13	329.9	Ari
30 Jul 2008	02h51m04.86s	+16 22' 42.4"	1.0646	0.4947	8.2	81.9	70.7	65.62	329.3	Ari
31 Jul 2008	02h50m10.01s	+16 44' 39.4"	1.0752	0.5009	8.3	82.9	69.5	64.22	328.6	Ari
1 Aug 2008	02h49m15.03s	+17 05' 57.7"	1.0861	0.5070	8.4	84.0	68.3	62.95	327.7	Ari
2 Aug 2008	02h48m19.70s	+17 26' 38.3"	1.0970	0.5131	8.5	85.1	67.2	61.79	326.7	Ari
3 Aug 2008	02h47m23.81s	+17 46' 42.2"	1.1081	0.5190	8.5	86.1	66.0	60.73	325.7	Ari
4 Aug 2008	02h46m27.18s	+18 06' 10.1"	1.1193	0.5249	8.6	87.2	64.9	59.79	324.5	Ari
5 Aug 2008	02h45m29.63s	+18 25' 02.8"	1.1307	0.5306	8.7	88.3	63.7	58.96	323.2	Ari
6 Aug 2008	02h44m31.02s	+18 43' 20.9"	1.1421	0.5363	8.7	89.4	62.6	58.23	321.8	Ari
7 Aug 2008	02h43m31.20s	+19 01' 05.2"	1.1537	0.5419	8.8	90.5	61.5	57.60	320.4	Ari
8 Aug 2008	02h42m30.03s	+19 18' 16.1"	1.1654	0.5475	8.9	91.6	60.4	57.07	318.9	Ari
9 Aug 2008	02h41m27.39s	+19 34' 54.1"	1.1772	0.5529	8.9	92.7	59.4	56.64	317.3	Ari
10 Aug 2008	02h40m23.17s	+19 50' 59.6"	1.1891	0.5583	9.0	93.8	58.3	56.30	315.7	Ari
11 Aug 2008	02h39m17.26s	+20 06' 33.0"	1.2010	0.5636	9.1	94.9	57.2	56.06	314.0	Ari
12 Aug 2008	02h38m09.58s	+20 21' 34.7"	1.2131	0.5688	9.1	96.0	56.2	55.92	312.3	Ari
13 Aug 2008	02h37m00.04s	+20 36' 04.9"	1.2252	0.5740	9.2	97.2	55.1	55.86	310.5	Ari
14 Aug 2008	02h35m48.56s	+20 50' 03.7"	1.2374	0.5792	9.2	98.3	54.1	55.89	308.8	Ari
15 Aug 2008	02h34m35.08s	+21 03' 31.5"	1.2497	0.5842	9.3	99.5	53.1	56.01	307.0	Ari
16 Aug 2008	02h33m19.54s	+21 16' 28.2"	1.2620	0.5893	9.4	100.6	52.1	56.20	305.2	Ari
17 Aug 2008	02h32m01.88s	+21 28' 54.0"	1.2744	0.5943	9.4	101.8	51.0	56.47	303.4	Ari
18 Aug 2008	02h30m42.06s	+21 40' 48.9"	1.2869	0.5993	9.5	103.0	50.0	56.82	301.6	Ari
19 Aug 2008	02h29m20.04s	+21 52' 13.0"	1.2994	0.6042	9.5	104.2	49.0	57.23	299.9	Ari
20 Aug 2008	02h27m55.80s	+22 03' 06.2"	1.3120	0.6092	9.6	105.4	48.0	57.71	298.1	Ari
21 Aug 2008	02h26m29.31s	+22 13' 28.5"	1.3247	0.6141	9.7	106.6	47.1	58.24	296.4	Ari
22 Aug 2008	02h25m00.55s	+22 23' 19.7"	1.3373	0.6190	9.7	107.8	46.1	58.83	294.7	Ari
23 Aug 2008	02h23m29.52s	+22 32' 39.8"	1.3501	0.6239	9.8	109.0	45.1	59.47	293.0	Ari
24 Aug 2008	02h21m56.21s	+22 41' 28.6"	1.3628	0.6288	9.8	110.2	44.1	60.16	291.4	Ari
25 Aug 2008	02h20m20.65s	+22 49' 46.0"	1.3756	0.6337	9.9	111.5	43.1	60.88	289.8	Ari
26 Aug 2008	02h18m42.84s	+22 57' 32.0"	1.3885	0.6387	10.0	112.7	42.2	61.63	288.2	Ari
27 Aug 2008	02h17m02.82s	+23 04' 46.3"	1.4014	0.6437	10.0	114.0	41.2	62.40	286.7	Ari
28 Aug 2008	02h15m20.63s	+23 11' 28.8"	1.4143	0.6487	10.1	115.2	40.2	63.19	285.2	Ari
29 Aug 2008	02h13m36.33s	+23 17' 39.6"	1.4272	0.6537	10.1	116.5	39.3	63.99	283.8	Ari
30 Aug 2008	02h11m49.97s	+23 23' 18.3"	1.4402	0.6588	10.2	117.8	38.3	64.78	282.4	Ari
31 Aug 2008	02h10m01.63s	+23 28' 25.2"	1.4532	0.6640	10.2	119.1	37.4	65.57	281.1	Ari
1 Sep 2008	02h08m11.41s	+23 33' 00.0"	1.4662	0.6692	10.3	120.4	36.4	66.35	279.7	Ari
2 Sep 2008	02h06m19.38s	+23 37' 03.0"	1.4792	0.6746	10.3	121.7	35.5	67.10	278.5	Ari
3 Sep 2008	02h04m25.66s	+23 40' 34.0"	1.4923	0.6800	10.4	123.0	34.5	67.84	277.2	Ari
4 Sep 2008	02h02m30.35s	+23 43' 33.3"	1.5054	0.6854	10.5	124.3	33.6	68.54	276.0	Ari
5 Sep 2008	02h00m33.57s	+23 46' 01.0"	1.5185	0.6910	10.5	125.6	32.7	69.20	274.9	Ari
6 Sep 2008	01h58m35.45s	+23 47' 57.3"	1.5316	0.6967	10.6	126.9	31.7	69.83	273.7	Ari
7 Sep 2008	01h56m36.10s	+23 49' 22.3"	1.5447	0.7025	10.6	128.3	30.8	70.41	272.6	Ari
8 Sep 2008	01h54m35.66s	+23 50' 16.5"	1.5578	0.7084	10.7	129.6	29.9	70.94	271.5	Ari
9 Sep 2008	01h52m34.27s	+23 50' 40.0"	1.5710	0.7145	10.7	130.9	29.0	71.43	270.5	Ari
10 Sep 2008	01h50m32.06s	+23 50' 33.3"	1.5841	0.7207	10.8	132.3	28.1	71.86	269.5	Ari
11 Sep 2008	01h48m29.17s	+23 49' 56.8"	1.5973	0.7270	10.8	133.6	27.2	72.23	268.5	Ari
12 Sep 2008	01h46m25.75s	+23 48' 50.9"	1.6105	0.7334	10.9	134.9	26.3	72.55	267.5	Psc
13 Sep 2008	01h44m21.94s	+23 47' 16.2"	1.6237	0.7401	11.0	136.3	25.4	72.80	266.6	Psc
14 Sep 2008	01h42m17.88s	+23 45' 13.2"	1.6369	0.7469	11.0	137.6	24.5	73.00	265.7	Psc
15 Sep 2008	01h40m13.71s	+23 42' 42.5"	1.6500	0.7538	11.1	138.9	23.6	73.13	264.7	Psc

C/2007 W1 (Boattini)

T = 2008 June 24.8880
q = 0.849650 Peri.= 306.5504
e = 1.000137 Node.= 334.5303 (2000.0)
 i = 9.8892
m1 = 9.5 + 5 log d + 10.0 log r [-inf , inf]



Ten degrees

0 10 20 30 40 50 60 70 80 90 Degrees

