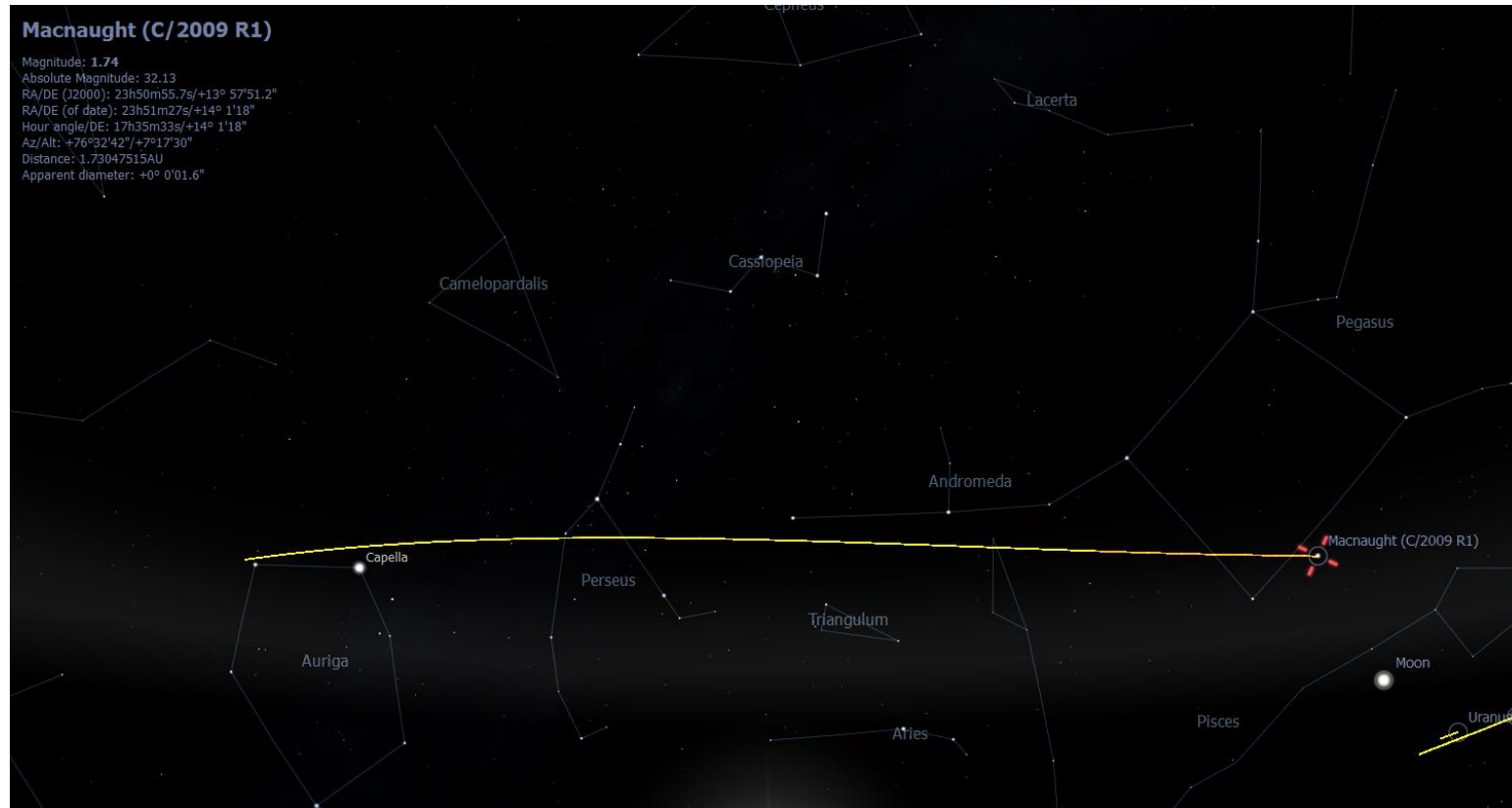


Comet C/2009 R1 (McNaught)



This chart shows the track of comet 2009 R1 from May 10 to June 25, starting below Pegasus, and moving under Andromeda, through Perseus and over Auriga. However, its not really going to be possible to see the comet from our location until May 22nd or so. This comet will be low near the north east horizon during this period. It may become naked eye visibility (mag 3 or so), but this is just an estimate and could be wildly out.

Below are the ephemerides from the BAA Comet Section website – check their website for more information and updates over the month.

<http://www.ast.cam.ac.uk/~jds/>

Ephemeris for C/2009 R1 McNaught

Station: UK

Latitude: 53.000 Longitude: 0.000 Magnetic variation: 0.0

Observing constraints: Sun below -13. deg Object above***** deg

May 2010 Positions for 00:00 ET, Times in UT

Day	R.A. B1950 Dec		R.A. J2000 Dec		Mag	D	R	Trans	Observable	Elong		Moon	Comet		pA	d RA	dDec
	1	2	1	2						Sun	Moon	Phase	Tail				
1/ 2	23	29.0	8.27	23 31.5	8.44	11.0	1.94	1.42	8.53	Not Observable	45	92	87	4	257	13	14
2/ 3	23	31.1	9.03	23 33.7	9.19	10.9	1.91	1.41	8.51	Not Observable	46	80	79	4	257	13	14
3/ 4	23	33.4	9.39	23 35.9	9.56	10.8	1.88	1.39	8.49	Not Observable	46	69	71	4	258	13	15
4/ 5	23	35.7	10.16	23 38.2	10.33	10.7	1.86	1.37	8.48	Not Observable	46	57	61	4	258	14	15
5/ 6	23	38.0	10.55	23 40.6	11.11	10.6	1.83	1.35	8.46	Not Observable	46	47	52	5	258	14	15
6/ 7	23	40.5	11.34	23 43.0	11.50	10.5	1.81	1.34	8.45	Not Observable	47	36	42	5	258	14	16
7/ 8	23	42.9	12.14	23 45.5	12.30	10.5	1.78	1.32	8.43	Not Observable	47	25	33	5	258	15	16
8/ 9	23	45.5	12.55	23 48.0	13.11	10.4	1.76	1.30	8.42	Not Observable	47	15	24	6	259	15	17
9/10	23	48.1	13.37	23 50.6	13.54	10.3	1.73	1.28	8.40	Not Observable	47	9	16	6	259	15	17
10/11	23	50.8	14.20	23 53.3	14.37	10.2	1.71	1.26	8.39	Not Observable	47	13	10	6	259	16	17
11/12	23	53.6	15.04	23 56.1	15.21	10.1	1.68	1.25	8.38	Not Observable	47	23	4	7	259	16	18
12/13	23	56.4	15.50	23 59.0	16.06	10.0	1.66	1.23	8.37	Not Observable	48	35	1	7	260	17	18
13/14	23	59.4	16.36	24 2.0	16.53	9.9	1.64	1.21	8.36	Not Observable	48	47	0	8	260	17	19
14/15	0	2.5	17.24	0 5.0	17.41	9.8	1.61	1.19	8.35	Not Observable	48	59	1	8	260-8569	19	19
15/16	0	5.6	18.13	0 8.2	18.30	9.7	1.59	1.17	8.34	Not Observable	48	71	4	9	261	18	20
16/17	0	8.9	19.03	0 11.5	19.20	9.6	1.56	1.16	8.34	Not Observable	48	84	10	10	261	19	20
17/18	0	12.3	19.55	0 14.9	20.12	9.5	1.54	1.14	8.33	Not Observable	48	96	18	10	262	20	21
18/19	0	15.9	20.48	0 18.5	21.05	9.4	1.52	1.12	8.33	Not Observable	48	109	28	11	262	20	22
19/20	0	19.5	21.42	0 22.1	21.59	9.3	1.49	1.10	8.33	Not Observable	47	122	39	12	263	21	22
20/21	0	23.4	22.38	0 26.0	22.54	9.2	1.47	1.08	8.32	Not Observable	47	134	50	13	263	22	23
21/22	0	27.4	23.34	0 30.0	23.51	9.1	1.45	1.06	8.33	1.45 to 1.45	47	146	62	14	264	22	23
22/23	0	31.6	24.32	0 34.2	24.49	9.0	1.43	1.05	8.33	1.37 to 1.42	47	157	73	15	265	23	24
23/24	0	35.9	25.32	0 38.6	25.48	8.9	1.41	1.03	8.33	1.30 to 1.40	47	164	82	16	265	24	24
24/25	0	40.5	26.32	0 43.2	26.49	8.7	1.39	1.01	8.34	1.22 to 1.37	47	164	90	17	266	25	25
25/26	0	45.3	27.34	0 48.0	27.51	8.6	1.37	0.99	8.35	1.14 to 1.34	46	156	96	19	267	26	25
26/27	0	50.3	28.37	0 53.0	28.54	8.5	1.35	0.97	8.36	1.06 to 1.31	46	146	99	20	268	27	26
27/28	0	55.6	29.41	0 58.3	29.58	8.4	1.33	0.95	8.37	0.58 to 1.29	46	135	100	22	269	28	26
28/29	1	1.2	30.46	1 3.9	31.03	8.3	1.31	0.93	8.39	0.49 to 1.26	45	124	99	24	270	29	27
29/30	1	7.0	31.52	1 9.8	32.08	8.2	1.29	0.91	8.41	0.41 to 1.23	45	114	96	26	271	31	27
30/31	1	13.2	32.59	1 16.0	33.15	8.0	1.28	0.89	8.43	0.32 to 1.20	44	103	91	28	272	32	27
31/32	1	19.8	34.06	1 22.6	34.22	7.9	1.26	0.88	8.46	0.23 to 1.18	44	93	85	30	273	33	27

Ephemeris for C/2009 R1 McNaught

Station: UK

Latitude: 53.000 Longitude: 0.000 Magnetic variation: 0.0

Observing constraints: Sun below -13. deg Object above***** deg

June 2010 Positions for 00:00 ET, Times in UT

Day	R.A. Bl950 Dec		R.A. J2000 Dec		Mag	D	R	Trans	Observable	Elong		Moon	Comet		pA	d RA	dDec	
										Sun	Moon	Phase	Tail					
1/ 2	1	26.7	35.14	1	29.5	35.29	7.8	1.24	0.86	8.49	0.13 to 1.15	43	84	77	33	275	35	28
2/ 3	1	34.0	36.21	1	36.9	36.36	7.7	1.23	0.84	8.52	0.04 to 1.13	42	74	68	35	277	36	28
3/ 4	1	41.7	37.29	1	44.6	37.44	7.6	1.22	0.82	8.56	23.53 to 1.10	42	65	59	39	278	38	28
4/ 5	1	49.9	38.35	1	52.8	38.50	7.4	1.20	0.80	9.00	23.42 to 1.08	41	56	49	42	280	39	27
5/ 6	1	58.5	39.41	2	1.6	39.55	7.3	1.19	0.78	9.05	23.29 to 1.05	40	48	40	45	282	41	27
6/ 7	2	7.7	40.45	2	10.8	40.59	7.2	1.18	0.76	9.10	23.15 to 1.03	40	39	30	49	284	43	26
7/ 8	2	17.4	41.47	2	20.5	42.01	7.0	1.17	0.74	9.16	22.59 to 1.01	39	32	22	54	287	45	25
8/ 9	2	27.6	42.47	2	30.8	43.00	6.9	1.16	0.72	9.22	22.60 to 0.59	38	26	14	58	289	46	24
9/10	2	38.4	43.44	2	41.7	43.57	6.8	1.15	0.70	9.29	23.02 to 0.57	37	23	7	63	292	48	23
10/11	2	49.8	44.37	2	53.1	44.49	6.7	1.15	0.69	9.37	23.04 to 0.55	36	24	2	68	295	50	22
11/12	3	1.7	45.25	3	5.0	45.37	6.5	1.14	0.67	9.45	23.07 to 0.53	35	30	0	74	298	52	20
12/13	3	14.1	46.09	3	17.5	46.20	6.4	1.14	0.65	9.53	23.09 to 0.51	34	39	0	80	301	53	18
13/14	3	27.0	46.47	3	30.5	46.57	6.3	1.14	0.63	10.03	23.11 to 0.50	33	48	3	87	305	55	15
14/15	3	40.4	47.18	3	44.0	47.27	6.1	1.13	0.61	10.12	23.12 to 0.48	32	59	8	94	309	56	13
15/16	3	54.2	47.42	3	57.8	47.51	6.0	1.13	0.59	10.22	23.14 to 0.47	31	69	16	102	313	57	10
16/17	4	8.3	47.59	4	11.9	48.07	5.9	1.14	0.58	10.32	23.15 to 0.46	30	80	26	110	317	58	6
17/18	4	22.6	48.08	4	26.2	48.14	5.8	1.14	0.56	10.43	23.17 to 0.45	29	91	37	119	321	59	3
18/19	4	36.9	48.08	4	40.7	48.14	5.6	1.14	0.54	10.53	23.18 to 0.45	28	102	48	127	325	59	0
19/20	4	51.3	47.60	4	55.0	48.05	5.5	1.15	0.53	11.03	23.18 to 0.45	27	112	59	136	330	60	-3
20/21	5	5.5	47.43	5	9.2	47.47	5.4	1.15	0.51	11.14	23.19 to 0.44	26	122	70	146	334	59	-6
21/22	5	19.5	47.18	5	23.2	47.20	5.3	1.16	0.49	11.24	23.19 to 0.45	25	132	80	155	339	59	-10
22/23	5	33.1	46.44	5	36.8	46.46	5.2	1.17	0.48	11.33	23.19 to 0.45	24	141	88	163	344	58	-14
23/24	5	46.2	46.02	5	50.0	46.03	5.1	1.18	0.47	11.43	23.19 to 0.46	23	150	94	172	348	57	-17
24/25	5	58.9	45.13	6	2.6	45.13	5.0	1.19	0.45	11.51	23.18 to 0.47	22	156	98	179	353	55	-20
25/26	6	11.0	44.17	6	14.6	44.15	4.9	1.20	0.44	11.59	23.17 to 0.48	21	160	100	184	358	53	-23
26/27	6	22.4	43.14	6	26.0	43.12	4.8	1.22	0.43	12.07	23.16 to 0.50	20	159	100	188	3	52	-26
27/28	6	33.2	42.05	6	36.7	42.02	4.7	1.23	0.42	12.14	23.15 to 0.51	19	154	98	189	7	50	-28
28/29	6	43.3	40.51	6	46.8	40.47	4.7	1.24	0.42	12.20	23.14 to 23.29	18	147	94	188	12	47	-30
29/30	6	52.8	39.32	6	56.2	39.28	4.6	1.26	0.41	12.25	Not Observable	17	139	89	184	17	45	-32
30/31	7	1.6	38.10	7	5.0	38.05	4.6	1.27	0.41	12.30	Not Observable	16	130	82	178	22	43	-34