

q =	0.3384610	$\omega$ (perihelie) =	186.49850
m0=, n=	12.0, 6.	$\Omega$ (Noeud Asc.) =	334.58760
e =	0.8473390	Inclinaison =	11.76960

Table 2: Ephémérides de la comète 2P/Encke à Paris

Date et heure		Coordonnées J2000.		Distances en UA		m1	Elong- -ation	Azimut	Elev- -ation	P.A. Queue	Phase
jj/mm/aa	TU	Asc. Droite	Declinaison	Delta	Rh						
15/10/2003	21h	1h40m52.4s	+39°18'08"	0.541	1.487	13.2	148	90	57°	189.3	20.2
16/10/2003	21h	1h36m46.5s	+39°41'23"	0.526	1.473	13.1	149	91	59°	185.6	20.3
17/10/2003	21h	1h32m23.3s	+40°04'39"	0.512	1.460	13.0	149	92	60°	181.7	20.4
18/10/2003	21h	1h27m41.6s	+40°27'52"	0.497	1.446	12.9	149	93	62°	177.6	20.7
19/10/2003	21h	1h22m40.1s	+40°50'54"	0.483	1.432	12.8	149	94	63°	173.4	21.0
20/10/2003	21h	1h17m17.8s	+41°13'38"	0.470	1.419	12.6	148	95	65°	169.1	21.3
21/10/2003	21h	1h11m33.1s	+41°35'56"	0.457	1.405	12.5	148	96	67°	164.7	21.8
22/10/2003	21h	1h05m25.0s	+41°57'36"	0.443	1.391	12.4	147	98	69°	160.2	22.4
23/10/2003	21h	0h58m51.9s	+42°18'27"	0.431	1.377	12.3	147	100	71°	155.7	23.1
24/10/2003	21h	0h51m52.6s	+42°38'15"	0.418	1.362	12.1	146	102	72°	151.2	23.9
25/10/2003	21h	0h44m25.8s	+42°56'44"	0.406	1.348	12.0	145	105	74°	146.7	24.9
26/10/2003	21h	0h36m30.4s	+43°13'35"	0.395	1.334	11.9	144	108	76°	142.2	25.9
27/10/2003	21h	0h28m05.2s	+43°28'28"	0.383	1.320	11.7	142	113	79°	137.7	27.1
28/10/2003	21h	0h19m09.5s	+43°40'59"	0.373	1.305	11.6	141	120	81°	133.3	28.5
29/10/2003	21h	0h09m42.6s	+43°50'44"	0.362	1.290	11.5	139	131	82°	128.9	29.9
30/10/2003	21h	23h59m44.4s	+43°57'15"	0.352	1.276	11.3	137	149	84°	124.6	31.5
31/10/2003	21h	23h49m14.8s	+44°00'00"	0.342	1.261	11.2	135	177	85°	120.4	33.3
1/11/2003	21h	23h38m14.7s	+43°58'30"	0.333	1.246	11.0	133	207	84°	116.2	35.1
2/11/2003	21h	23h26m45.1s	+43°52'09"	0.324	1.231	10.9	131	228	82°	112.1	37.1
3/11/2003	21h	23h14m48.1s	+43°40'26"	0.316	1.216	10.8	129	240	80°	108.1	39.3
4/11/2003	21h	23h02m26.0s	+43°22'48"	0.308	1.201	10.6	126	248	78°	104.1	41.6
5/11/2003	21h	22h49m42.2s	+42°58'43"	0.301	1.186	10.5	123	254	75°	100.3	44.0
6/11/2003	21h	22h36m40.5s	+42°27'45"	0.294	1.170	10.4	121	258	72°	96.5	46.5
7/11/2003	21h	22h23m25.2s	+41°49'31"	0.288	1.155	10.2	118	261	69°	92.8	49.2
8/11/2003	21h	22h10m01.2s	+41°03'45"	0.283	1.139	10.1	115	263	65°	89.3	52.0
9/11/2003	21h	21h56m33.3s	+40°10'18"	0.278	1.124	10.0	111	265	62°	85.9	54.9
10/11/2003	21h	21h43m06.8s	+39°09'10"	0.273	1.108	9.9	108	267	59°	82.6	57.9
11/11/2003	21h	21h29m46.4s	+38°00'30"	0.270	1.092	9.7	105	268	55°	79.5	61.0
12/11/2003	21h	21h16m36.8s	+36°44'36"	0.266	1.076	9.6	101	270	52°	76.5	64.2
13/11/2003	21h	21h03m42.1s	+35°21'55"	0.264	1.060	9.5	98	271	48°	73.7	67.5
14/11/2003	21h	20h51m05.6s	+33°53'01"	0.262	1.044	9.4	94	273	45°	71.1	70.8
15/11/2003	21h	20h38m50.3s	+32°18'37"	0.261	1.028	9.3	91	274	41°	68.6	74.2
16/11/2003	21h	20h26m58.2s	+30°39'27"	0.261	1.011	9.2	87	275	37°	66.3	77.7
17/11/2003	21h	20h15m31.0s	+28°56'22"	0.261	0.995	9.0	83	276	34°	64.2	81.1
18/11/2003	21h	20h04m29.4s	+27°10'13"	0.262	0.978	8.9	80	277	30°	62.2	84.6
19/11/2003	21h	19h53m53.9s	+25°21'50"	0.263	0.961	8.8	76	278	26°	60.4	88.1
20/11/2003	21h	19h43m44.3s	+23°32'01"	0.265	0.944	8.7	72	279	23°	58.6	91.6
21/11/2003	21h	19h34m00.3s	+21°41'33"	0.268	0.927	8.7	69	280	19°	57.1	95.1
22/11/2003	21h	19h24m41.1s	+19°51'06"	0.271	0.910	8.6	65	281	16°	55.6	98.5
23/11/2003	21h	19h15m45.7s	+18°01'18"	0.275	0.893	8.5	62	282	12°	54.2	101.9
24/11/2003	21h	19h07m13.2s	+16°12'40"	0.280	0.876	8.4	58	283	9°	52.8	105.3
25/11/2003	21h	18h59m02.3s	+14°25'39"	0.285	0.859	8.3	55	284	6°	51.6	108.6
26/11/2003	21h	18h51m11.9s	+12°40'37"	0.290	0.841	8.2	52	285	3°	50.3	111.9
27/11/2003	21h	18h43m40.8s	+10°57'50"	0.296	0.823	8.1	49	286	0°	49.0	115.2
28/11/2003	21h	18h36m27.9s	+ 9°17'31"	0.303	0.806	8.0	45	287	-3°	47.8	118.4
29/11/2003	21h	18h29m32.2s	+ 7°39'49"	0.310	0.788	7.9	42	288	-5°	46.5	121.6
30/11/2003	21h	18h22m52.7s	+ 6°04'51"	0.318	0.770	7.8	39	289	-8°	45.1	124.7
1/12/2003	21h	18h16m28.5s	+ 4°32'40"	0.326	0.752	7.7	37	291	-11°	43.6	127.8
2/12/2003	21h	18h10m18.8s	+ 3°03'17"	0.335	0.734	7.6	34	292	-14°	42.0	130.8
3/12/2003	21h	18h04m23.1s	+ 1°36'41"	0.345	0.716	7.5	31	293	-17°	40.2	133.7
4/12/2003	21h	17h58m40.8s	+ 0°12'50"	0.354	0.697	7.4	29	294	-19°	38.1	136.6
5/12/2003	21h	17h53m11.5s	- 1°08'17"	0.365	0.679	7.3	26	295	-22°	35.8	139.5
6/12/2003	21h	17h47m54.9s	- 2°26'47"	0.376	0.661	7.2	24	296	-24°	33.0	142.2
7/12/2003	21h	17h42m50.8s	- 3°42'43"	0.388	0.642	7.1	22	297	-26°	29.8	144.8