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COMET SHOEMAKER-LEVY (1990o)

Elements:

T 1990 Sept 17.3820 E.T. w 311.04400)
 e 1.000000000 D 49.65400) 1950.0
 q 1.5950700 A.U. i 27.74800)

Source: IAUC 5136 Positions are geocentric

m = 10.0 + 5.0 log R + 10.0 log r

Ephemeris by Hurst using a program by N. James:

Date	R.A. (1950) Dec.		R		r	Elong	Mag.	Motion	
	h	m	o	'	(AU)	(AU)	o	"/hr	P.A.
1990 Nov									
15.00	1	49.02	-0	36.0	0.848	1.780	151.2	12.1	94 345
20.00	1	46.34	+2	20.4	0.896	1.811	147.8	12.3	87 349
25.00	1	44.62	+5	4.6	0.951	1.843	143.9	12.5	80 353
30.00	1	43.86	+7	36.2	1.012	1.876	139.8	12.8	73 358
1990 Dec									
5.00	1	44.00	+9	55.5	1.078	1.911	135.7	13.0	67 4
10.00	1	44.98	+12	3.1	1.149	1.948	131.6	13.2	62 9
15.00	1	46.76	+14	0.0	1.226	1.985	127.6	13.4	58 16
20.00	1	49.27	+15	47.4	1.306	2.024	123.6	13.6	55 22
25.00	1	52.45	+17	26.1	1.391	2.064	119.8	13.9	54 28

Guy M Hurst