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PERIODIC COMET SHOEMAKER-LEVY (1990o)

Improved elements:

T 1990 Sept 18.5690 E.T. w 310.62070)
 e 0.77626200 O 51.32110) 1950.0
 q 1.5254770 A.U. i 24.40020)

Source: IAUC 5143 Positions are geocentric

m = 10.0 + 5.0 log R + 10.0 log r

Date	R.A. (1950) Dec.		R		r	Elong	Mag.	Motion	
	h	m	o	'	(AU)	(AU)	o	"/hr	P.A.
1990 Dec									
10.00	1	45.67	+12	7.1	1.008	1.819	131.8	12.6	63 11
15.00	1	47.78	+14	5.3	1.076	1.851	127.8	12.8	60 18
20.00	1	50.66	+15	53.9	1.148	1.884	124.0	13.1	57 24
25.00	1	54.27	+17	33.9	1.224	1.918	120.2	13.3	56 30
30.00	1	58.51	+19	6.2	1.303	1.952	116.6	13.5	55 36
1991 Jan									
4.00	2	3.34	+20	31.8	1.385	1.988	113.0	13.7	55 41
9.00	2	8.68	+21	51.2	1.470	2.024	109.6	13.9	55 45
14.00	2	14.50	+23	5.3	1.557	2.061	106.2	14.1	55 49
19.00	2	20.74	+24	14.6	1.647	2.098	102.9	14.3	55 53
24.00	2	27.36	+25	19.6	1.738	2.136	99.6	14.5	56 56
29.00	2	34.33	+26	20.7	1.831	2.174	96.4	14.7	56 58

SUPERNOVA 1990ag IN ANONYMOUS GALAXY

C. Pollas, Observatoire de la Cote d'Azur, reports his discovery of an apparent supernova (mag 19) on a Tech Pan film exposure obtained Nov. 26.01 UT. SN 1990ag is located at R.A. = 7h29m35s.69, Decl. = +33 00'43".6 (equinox 1950.0), and the host galaxy is an anonymous spiral face-on galaxy centred at R.A. = 7h29m35s.68, Decl. = +33 00'48".5 (SN offset from the galaxy nucleus is 0".2 E, 4".95) IAUC 5141

ROSAT MISSION

Could participants in this PRO-AM project please note that Martin Mobberley, to whom reports should be telephoned, will be available on (0284) 828431 from 1990 Dec 13 to 1991 Jan 1 after which normal weekend/weekday numbers resume.

Guy M Hurst