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INTERNATIONAL ASTRONOMICAL UNION

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COMET P/2006 U2 (JEDICKE)

J. V. Scotti, University of Arizona, reports the recovery of comet P/1995 A1 with the Spacewatch II telescope at Kitt Peak. The object looks essentially stellar — no obvious coma or tail — though the image appears just a little ‘softer’ than stars of similar brightness in the field. The indicated correction to the prediction on MPC 51823 is $\Delta T = -1.0$ day.

2006	UT	α_{2000}	δ_{2000}	Mag.
Oct.	22.19236	23 ^h 57 ^m 32.02 ^s	-23°51'46.4"	20.7
	22.20362	23 57 31.77	-23 51 46.5	20.8
	22.21474	23 57 31.49	-23 51 46.8	20.8
	23.22068	23 57 10.11	-23 51 53.6	20.9
	23.23188	23 57 09.87	-23 51 53.4	20.7
	23.24423	23 57 09.59	-23 51 53.8	20.9

The following orbital elements, linking the observations at the two apparitions, are by B. G. Marsden:

$$\begin{array}{l} \text{Epoch} = 1993 \text{ Aug. } 1.0 \text{ TT} \\ T = 1993 \text{ Aug. } 17.2819 \text{ TT} \quad \omega = 295.9191 \\ e = 0.308106 \quad \Omega = 116.0169 \\ q = 4.082327 \text{ AU} \quad i = 19.8756 \\ a = 5.900222 \text{ AU} \quad n^\circ = 0.0687704 \quad P = 14.33 \text{ years} \end{array} \left. \vphantom{\begin{array}{l} T \\ e \\ q \\ a \end{array}} \right\} 2000.0$$

$$\begin{array}{l} \text{Epoch} = 2007 \text{ Dec. } 6.0 \text{ TT} \\ T = 2007 \text{ Dec. } 2.9575 \text{ TT} \quad \omega = 295.4577 \\ e = 0.307871 \quad \Omega = 115.8517 \\ q = 4.086887 \text{ AU} \quad i = 19.8746 \\ a = 5.904807 \text{ AU} \quad n^\circ = 0.0686903 \quad P = 14.35 \text{ years} \end{array} \left. \vphantom{\begin{array}{l} T \\ e \\ q \\ a \end{array}} \right\} 2000.0$$

2006 TT	α_{2000}	δ_{2000}	Δ	r	ϵ	β	Mag.
Oct. 22	23 ^h 57 ^m .60	-23°51'.7	3.720	4.493	136°4	8°.8	18.4
Nov. 1	23 54.55	-23 46.6	3.804	4.476	127.3	10.2	18.4
	11 23 52.77	-23 27.7	3.905	4.458	118.1	11.3	18.4
	21 23 52.39	-22 56.3	4.019	4.441	109.0	12.1	18.5
Dec. 1	23 53.46	-22 14.1	4.143	4.424	100.1	12.7	18.5
	11 23 55.96	-21 22.9	4.270	4.407	91.5	12.9	18.5
	21 23 59.79	-20 24.4	4.400	4.391	83.0	12.9	18.6
	31 0 04.84	-19 20.1	4.526	4.374	74.9	12.5	18.6