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COMET P/2008 E2 (LINEAR)

The following ephemeris was computed from the orbital elements given on *IAUC* 8924 (H_{10} = 18.0):

2008 TT		α_{2000}	δ_{2000}	Δ	r	ϵ	β	Mag.
Mar.	5	$16^h02^m.06$	$+24°16'.4$	0.777	1.423	106°.5	42°.0	19.0
	15	16 31.89	+23 46.6	0.669	1.347	106.5	45.1	18.4
	25	17 04.70	+22 28.7	0.568	1.276	105.9	48.7	17.8
Apr.	4	17 42.05	+19 50.0	0.476	1.211	104.6	53.0	17.2
	14	18 26.18	+14 57.7	0.394	1.155	102.7	57.9	16.6
	24	19 20.08	+ 6 42.6	0.329	1.110	99.9	63.2	16.0
May	4	20 25.70	− 5 24.6	0.290	1.079	96.2	68.3	15.6
	14	21 40.17	−19 02.5	0.288	1.063	92.4	71.9	15.6
	24	22 54.20	−29 49.8	0.321	1.062	90.0	72.4	15.8
June	3	23 57.84	−36 22.1	0.375	1.079	89.5	70.1	16.2
	13	0 47.22	−40 01.3	0.439	1.110	90.6	66.2	16.7
	23	1 23.54	−42 16.1	0.503	1.155	92.7	61.5	17.1

2001 QQ_{322} AND 2005 PR_{21}

K. S. Noll, Space Telescope Science Institute (STScI); W. M. Grundy, Lowell Observatory; S. D. Kern, STScI; H. F. Levison, Southwest Research Institute; and D. C. Stephens, Brigham Young University, report that the transneptunian objects 2001 QQ_{322} (cf. *MPEC* 2001-V11) and 2005 PR_{21} (cf. *MPECs* 2005-T100, 2006-T35) both have similar-sized companions (based on brightness). The observations of 2001 QQ_{322} were made during 2007 June 15.0197–15.0535 UT with the Planetary Camera of the Wide Field Planetary Camera 2 on the Hubble Space Telescope (HST), using the F606W filter (wide V) with one 260-s exposure at four dithered positions on the detector. The two components of 2001 QQ_{322} were separated by an angular distance of $0''.1272 \pm 0''.0015$, with the secondary being fainter by 0.2 magnitude; the secondary was located at $-0''.105 \pm 0''.003$ in α and $-0''.072 \pm 0''.002$ in δ relative to the primary. The observations of 2005 PR_{21} were made as above during 2007 May 10.5156–10.6019 (but only with exposures at two dithered positions on the detector). The two components of 2005 PR_{21} were separated by an angular distance of $0''.123 \pm 0''.009$, with the secondary being fainter by 1.1 magnitude; the secondary was located at $-0''.122 \pm 0''.009$ in α and $-0''.015 \pm 0''.002$ in δ relative to the primary.

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