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COMET P/2007 O2 = P/1998 U2 (MUELLER)

L. Buzzi and F. Luppi, Varese, Italy, report the recovery of comet P/1998 U2 (cf. *IAUC* 7035, 7036), being slightly diffuse on CCD images obtained with a 0.60-m reflector, with confirming CCD images by P. Birtwhistle (Great Shefford, Berkshire, U.K., 0.40-m reflector).

2007	UT	α_{2000}	δ_{2000}	Mag.	*Observer*
July	26.09058	$3^h48^m28^s.53$	$+21^\circ41'05''.3$	19.5	Buzzi
	26.10107	3 48 29.86	+21 41 09.8		"
	27.10651	3 50 39.81	+21 48 37.6		Birtwhistle
	27.11524	3 50 40.92	+21 48 43.8	19.5	"

The indicated correction to the predictions in the *2007 Comet Handbook* and on *MPC* 51823 is $\Delta T = +0.3$ day. The following orbital elements by B. G. Marsden are from 153 observations, 1998-2007 (mean residual 0″.6):

Epoch = 1998 Nov. 3.0 TT

T = 1998 Oct. 20.75954 TT ω = 49°.53569
e = 0.5215660 Ω = 336.22405 } 2000.0
q = 2.0253092 AU i = 2.19329
a = 4.2332052 AU n^o = 0.11316187 P = 8.71 years

Epoch = 2007 June 29.0 TT

T = 2007 July 8.20087 TT ω = 49°.73116
e = 0.5206516 Ω = 336.11998 } 2000.0
q = 2.0319152 AU i = 2.18993
a = 4.2389107 AU n^o = 0.11293347 P = 8.73 years

R CORONAE BOREALIS

E. Broens, Vereniging Voor Sterrenkunde, Belgium, reports that this variable has begun to fade slowly for the first time since Feb.–May 2003 (cf. *IAUC* 8077), when it faded over $\sim$ 20 days from a visual mag $\sim$ 6.1 to minimum at mag $\sim$ 12.7. Visual magnitude estimates (non-Belgian data sent directly to the Central Bureau): June 21.94 UT, 6.0 (E. Muyllaert, Oostende, Belgium); July 7.93, 6.3 (Muyllaert); 13.85, 6.5 (F. Van Loo, Genk, Belgium); 16.878, 7.1 (S. Baroni, Milan, Italy); 17.837 7.2 (S. Foglia, Novara, Italy); 18.909, 7.0 (K. Hornoch, Vohancice, Czech Republic); 19.896, 7.0 (Baroni); 20.96, 7.1 (E. Broens, Mol, Belgium); 22.881, 7.3 (Hornoch); 24.862, 7.6 (Foglia); 24.920, 7.4 (Hornoch).

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