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COMETS C/2007 J8–J12 AND C/2007 K7–K18 (SOHO)

Additional near-sun comets (cf. *IAUC* 8853) have been found on SOHO website images — all being Kreutz sungrazers except for C/2007 K12 (Meyer group). K. Battams reports that C/2007 J8, K7, K9, and K11 were slightly diffuse and very faint (mag 8) with no tail. C/2007 J9 was stellar (mag $\sim$ 6.5) in C3 images, and very slightly diffuse with a hint of tail in C2 images. C/2007 J10, K13, K15, and K16 were slightly diffuse and faint (mag $\sim$ 7.5). C/2007 J11 was stellar in C3 images, and was of mag $\sim$ 6.5 with a hint of tail in C2 images. C/2007 J12 was extremely faint in C3 images and "very faint/diffuse" (mag 8) in C2 images. C/2007 K8 was stellar in appearance in C3 images, and slightly diffuse (mag $\sim$ 7) with a hint of tail in C2 images. C/2007 K10 was stellar in appearance and faint in C3 images, and slightly diffuse and elongated (mag $\sim$ 7.5) in C2 images. C/2007 K12 was stellar in appearance, elongated (but not in the direction of motion), and of mag $\sim$ 6.5. C/2007 K14 was extremely faint (mag $\sim$ 8.5) and fairly diffuse. C/2007 K17 was very faint (mag $\sim$ 8), elongated, and diffuse. C/2007 K18 was faint and stellar in appearance in C3 images, and slightly diffuse (mag $\sim$ 7) with a hint of tail in C2 images.

Comet	2007 UT	α_{2000}	δ_{2000}	Inst.	F	*MPEC*
C/2007 J8	May 12.913	$3^h20^m.9$	$+16^\circ49'$	C2	BZ	2007-T56
C/2007 J9	13.904	3 28.4	+16 14	C3/2	SY	2007-T56
C/2007 J10	14.135	3 25.7	+17 01	C2	BZ	2007-T56
C/2007 J11	15.433	3 40.0	+15 36	C3/2	BZ	2007-T56
C/2007 J12	15.679	3 38.4	+16 02	C3/2	BZ	2007-T56
C/2007 K7	16.854	3 34.3	+17 31	C2	BZ	2007-T57
C/2007 K8	17.196	3 40.9	+16 47	C3/2	BZ	2007-T57
C/2007 K9	17.646	3 38.5	+17 46	C2	BZ	2007-T57
C/2007 K10	17.779	3 43.4	+16 55	C3/2	BZ	2007-T77
C/2007 K11	18.271	3 41.1	+17 53	C2	BZ	2007-T77
C/2007 K12	18.396	3 41.9	+20 08	C2	HS	2007-T77
C/2007 K13	21.175	3 52.4	+18 30	C2	TH	2007-T77
C/2007 K14	21.183	3 52.5	+18 29	C2	BZ	2007-T78
C/2007 K15	22.200	3 54.8	+18 34	C2	RK	2007-T78
C/2007 K16	22.292	3 55.9	+18 38	C2	HS	2007-T78
C/2007 K17	24.635	4 05.2	+19 07	C2	TH	2007-T78
C/2007 K18	26.263	4 11.9	+19 06	C3/2	MM	2007-T78

2007 October 19 *Daniel W. E. Green*