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COMETS C/2007 S11, C/2007 U7–U13, C/2007 V3–V10 (SOHO)

Further to *IAUC* 8914, additional near-sun comets have been found on SOHO website images, as tabulated below; all were Kreutz sungrazers except for C/2007 S11 (no known group affiliation) and the Meyer-group objects C/2007 U7 and C/2007 V10. C/2007 S11 was tiny, stellar in appearance, and very faint (mag 7.5–8). C/2007 U7, C/2007 U11, C/2007 V5, and C/2007 V10 were also tiny, stellar in appearance, and faint (mag ~ 7.5); C/2007 V8 was described similarly by K. Battams (but with mag ~ 8). C/2007 V3 was very diffuse and elongated (mag ~ 7.5). C/2007 V6 was very faint (mag ~ 8), very diffuse, and elongated. C/2007 V7 was extremely faint (mag ~ 8.5) and very diffuse. The other seven objects all appeared stellar in C3 images (C/2007 U8 was of mag ~ 6.5 , C/2007 U9 was of mag ~ 7.5 , C/2007 U10 was of mag ~ 7 , C/2007 U12 was of mag ~ 6 , C/2007 U13 and C/2007 V9 were of mag ~ 6.5 , and C/2007 V4 was of mag ~ 5.5); in C2 images, C/2007 U8 was elongated and somewhat diffuse, C/2007 V4 had a faint thin tail $\sim 23'$ long at $5.8 R_{\odot}$ on Nov. 3.560 UT, and C/2007 V9 was mostly stellar in appearance with a hint of a short faint tail — while the remaining four comets were slightly diffuse (C/2007 U9 being described as faint, and the other three objects showing a hint of a faint tail). New finder code: ZJ = Z. Jin (cf. *IAUC* 8365).

Comet	2007	UT	α_{2000}	δ_{2000}	Inst.	F	<i>MPEC</i>
C/2007 S11	Sept.	28.604	12 ^h 19 ^m .9	– 0°14'	C2	RK	2008-A71
C/2007 U7	Oct.	27.226	14 02.1	–11 09	C2	HS	2008-A71
C/2007 U8		27.638	13 53.3	–14 36	C3/2	HS	2008-A71
C/2007 U9		28.154	13 59.9	–14 31	C3/2	HS	2008-A71
C/2007 U10		28.679	13 59.6	–14 53	C3/2	HS	2008-A72
C/2007 U11		29.061	14 06.5	–14 28	C2	HS	2008-A72
C/2007 U12		30.179	14 00.6	–15 53	C3/2	TH	2008-A72
C/2007 U13		30.763	14 04.9	–15 59	C3/2	MU	2008-A72
C/2007 V3	Nov.	1.546	14 19.9	–15 38	C2	RM	2008-A75
C/2007 V4		2.471	14 07.1	–17 57	C3/2	AK	2008-A75
C/2007 V5		3.576	14 28.5	–16 20	C2	RK	2008-A75
C/2007 V6		4.643	14 33.4	–16 46	C2	HS	2008-A75
C/2007 V7		5.671	14 37.1	–17 02	C2	RK	2008-A76
C/2007 V8		6.143	14 39.6	–17 16	C2	HS	2008-A76
C/2007 V9		6.196	14 23.8	–19 00	C3/2	RM	2008-A76
C/2007 V10		9.338	14 53.1	–15 31	C2	ZJ	2008-A76