

**Central Bureau for Astronomical Telegrams
INTERNATIONAL ASTRONOMICAL UNION**

Mailstop 18, Smithsonian Astrophysical Observatory, Cambridge, MA 02138, U.S.A.
IAUSUBS@CFA.HARVARD.EDU or FAX 617-495-7231 (subscriptions)
CBAT@CFA.HARVARD.EDU (science)
URL <http://www.cfa.harvard.edu/iau/cbat.html> ISSN 0081-0304
Phone 617-495-7440/7244/7444 (for emergency use only)

V2467 CYGNI

R. J. Russell, R. J. Rudy, D. K. Lynch, The Aerospace Corporation; and C. E. Woodward, University of Minnesota, report 0.8- to 5.5- μm spectroscopy of V2467 Cyg on Oct. 10 and 11 UT using the Infrared Telescope Facility (+ SpeX). The spectrum of the nova has increased in excitation since coronal lines were reported last May (*IAUC* 8848). Lines of [Si X] and [S XI] are now seen, indicating the presence of ionizing photons with energies up to at least 447 electron volts. The rarely seen [P VII] feature at 1.37 μm is also observed. The hydrogen/helium emission-line profiles remained peaked, whereas many of the coronal lines had flatter, castellated tops. Line widths (FWHM) were ~ 2000 km/s. The lines of neutral carbon and nitrogen were gone, but the O I lines are still present and suggest a reddening of $E(B-V) = 1.7$, similar to the value of 1.5 reported by Mazuk *et al.* (*IAUC* 8848). There is no indication of dust formation in the nova ejecta.

COMETS C/2007 L7-L11 (SOHO)

Further to *IAUC* 8883, additional Kreutz sungrazing comets have been found on SOHO website images (“discovery” observations tabulated below). C/2007 L7 was small, slightly diffuse, and very faint (mag ~ 8). C/2007 L8 and C/2007 L9 were very diffuse (mag ~ 7.5), the former having no tail, and the latter being elongated. C/2007 L10 was very faint and stellar in appearance in C3 images, and slightly diffuse (mag ~ 7.5) with a hint of tail in C2 images. C/2007 L11 was stellar in appearance (mag ~ 6.5) in C3 images, and very diffuse with a short tail in C2 images.

Comet	2007	UT	α_{2000}	δ_{2000}	Inst.	F	MPEC
C/2007 L7	June	10.663	5 ^h 09 ^m .7	+21° 06'	C2	BZ	2007-T117
C/2007 L8		10.688	5 08.7	+21 03	C2	BZ	2007-T117
C/2007 L9		10.996	5 10.0	+21 02	C2	BZ	2007-T117
C/2007 L10		13.321	5 20.9	+20 12	C3/2	BZ	2007-T122
C/2007 L11		14.821	5 27.1	+20 18	C3/2	TH	2007-T122

COMETS 192P/SHOEMAKER-LEVY AND 193P/LINEAR-NEAT

Comet P/2007 T3 = P/1990 V1 (cf. *IAUC* 8879) has been assigned the permanent number 192P, and comet P/2007 U2 = P/2001 Q5 (cf. *IAUC* 8885) has been assigned the permanent number 193P (cf. *MPC* 60847).