

THE ASTRONOMER Electronic Circular No 468 1990 Dec 22 17.09UT  
 Ed: Guy M Hurst, 16, Westminster Close, Kempshott Rise, Basingstoke,  
 Hants, RG22 4PP, England. Telephone: (0256) 471074 Int: +44256471074  
 Telex: 94082518 Answerback: TAGUY Microlink: MAG60138  
 JANET: GMH @ UK.AC.CAM.ASTRONOMY.STARLINK GUYH@UK.AC.SUSSEX.CLUSTER  
 TELECOM GOLD: 10074:MIK2885 PRESTEL 256471074

NSV 010701 (=Q1990/77)

Mike Collins, Sandy, reports that he has found a variable object in  
 Draco on UK Nova Patrol Photos of 1990 Sept 27.9UT. It is apparently  
 NSV 010701=IRC+50278=IRAS 18196+5030 located at:

RA 18h19m41.6s DEC +50 30'13" (1950)

The majority of past patrol photos do not show the star but the  
 following positive results are available:

1989 Aug 6.0UT, 12.1; Sept 7.0, 11.3; Nov 25.2, 12.0;

1990 Sept 27.9, 10.8.

The star appears in the GSC as: GSC 3533.01916 withy V=10.79 on a  
 Schmidt plate of 1983 May 8 (10.34UT) and apparently at maximum!

Mike Collins comments that there is a suggested periodicity of  
 around 386 days and proposes a tentative ephemeris:

JDmax = 2447777 +386E giving the next maximum around 1991 Oct 17/18.

The e-mail chart follows:

\\\\\\\\ Q1990/77 NSV 10701 Suspect variable in Draco

S,120,20,S

P,18h 19m 43s +50 29.9' (1950)

D,60,60,10.8,13

R,8.8,69,53,A

F,9.1,107,67,B

M,9,79,88,25,77

R,10.3,60,15,C

R,10.5,24,54,D

R,10.7,104,50,E

M,10,64,49,116,69,109,51

R,11.1,54,72,F

R,11.3,45,45,G

R,11.7,39,66,H

M,11,46,106,64,53,99,57,73,58

M,11,102,60,25,23,9,17,7,30,87,35,4,35

R,12.1,51,54,I

R,12.4,53,58,J

M,12,63,114,83,89,39,114,60,93,98,113,64,95,93,95

M,12,13,110,86,106,72,46,62,71,99,85

M,12,26,59,50,68,105,61,102,80,32,62,30,78

M,12,116,96,12,20,34,16,100,10,58,24,66,27,103,31

M,12,96,33,80,35,23,36

E,54

////////

Guy M Hurst