

Red Variable Stars found in the NSVS Database (2)

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Data from the Two Micron All Sky Survey was used to generate positional information for stars where the (red magnitude – J magnitude) > 6 and where (J magnitude – K magnitude) > 1.2.

The publicly available data from the Northern Sky Variability Survey (NSVS, Wozniak et al., 2004) was then examined for stars meeting these two criteria that were not listed in the “Combined General Catalogue of Variable Stars (Samus+ 2004)”, or in the “Suspected Variable stars and Supplement”, or in “Red Variables in the NSVS (Williams+, 2004)” or identified as variable in Simbad.

The second batch of 75 stars checked in this matter yielded 24 previously unreported variable stars with a minimum amplitude of 0.25 magnitudes :-

Identity	Location	Amplitude	Period	Type	NSVS	Sinbad
GSC 3261:2189	00 34 32.28 +51 29 00.1	0.64	190d	SR	Data	Data
GSC 3672:2551	01 04 25.29 +54 27 01.2	0.41	n/a	IB	Data	Data
GSC 4035:2300	01 25 56.67 +62 14 49.9	0.52	120d	SR	Data	Data
IRAS 01304+5624	01 33 41.3 +56 39 48	0.27	n/a	IB	Data	Data
GSC 4066:1342	03 29 26.12 +63 44 38.8	0.44	32d	SR	Data	Data
GSC 4066:0385	03 31 58.40 +62 48 47.5	0.33	40d	SR	Data	Data
GSC 3337:1208	04 23 26.03 +49 58 09.2	0.62	165d	SR	Data	Data
GSC 2378:0295	04 42 11.81 +33 18 19.0	0.26	n/a	IB	Data	Data
GSC 3745:1205	04 46 30.94 +59 02 43.3	0.32	n/a	IB	Data	Data
GSC 3362:2207	05 21 37.07 +47 25 28.8	0.34	n/a	IB	Data	Data
GSC 3772:0476	06 20 01.62 +57 50 56.8	0.37	n/a	IB	Data	Data
GSC 2421:0613	06 25 39.203 +31 50 17.02	0.25	n/a	IB	Data	Data
GSC 2961:1723	07 21 15.08 +40 18 18.4	0.26	n/a	IB	Data	Data
GSC 4207:0910	17 28 06.77 +64 14 09.9	0.37	n/a	IB	Data	Data
IRAS 19193+3032	19 21 16.6 +30 38 37	0.44	120d	SR	Data	Data
GSC 3958:1603	20 33 23.55 +56 56 04.2	0.62	80d	SR	Data	Data
IRAS 20534+4641	20 55 07.2 +46 53 02	0.35	100d	SR	Data	Data
GSC 3964:0867	20 57 41.20 +59 29 45.3	0.28	n/a	IB	Data	Data
GSC 3198:0175	22 04 09.67 +37 41 08.2	0.25	n/a	IB	Data	Data
GSC 3615:0357	22 29 19.10 +48 47 25.5	0.49	n/a	IB	Data	Data
GSC 3624:1654	22 30 44.42 +47 46 54.9	0.44	n/a	IB	Data	Data
GSC 3227:1258	22 57 15.64 +44 58 21.8	0.25	80d	SR	Data	Data
IRAS 23481+5316	23 50 40.0 +53 33 08	1.02	n/a	IB	Data	Data
TYC 3651-1053-1	23 52 14.644 +51 06 44.68	0.39	n/a	IB	Data	Data

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