

COMMISSIONS 27 AND 42 OF THE IAU
INFORMATION BULLETIN ON VARIABLE STARS

Number 4799

Konkoly Observatory
Budapest
15 November 1999

HU ISSN 0374 – 0676

PRECISE COORDINATES OF VARIABLE STARS (8)

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This report contains 264 accurate J2000.0 positions for variable stars discovered by Hoffmeister (1965), as a supplement to Kato (1999). The variable stars were identified against computer plots of GSC and USNO A1.0 catalogs. The color information and IRAS PSC identification were also examined in identifying red variables. The table has been sorted in the increasing order of J2000.0 right ascensions. The source of identification in column 'Cat.': G = GSC 1.1, GM = average of GSC 1.1 multiple entries, U = USNO A1.0.

NSV 05651, NSV 05924, NSV 09577, NSV 09578, NSV 10089, NSV 10177, NSV 10222, NSV 10288, NSV 10684, NSV10765, NSV 11501, V1109 Aql: identifications are somewhat ambiguous due to the chart distortion or crowding. The most likely candidate has been selected.

NSV 06163 and NSV 06166 (S 9017 and S 9018): charts are interchanged.

NSV 10321 and NSV 10325: identity with NSV 10317 and NSV 10327, respectively, should be checked.

Two identifications of NSV stars with GCVS variables are found: NSV 06274 = GG Mus and NSV 14144 = V384 Lac.

Detailed information of identifications, other catalog identifications are available from the VSNET archive (vsnet-id 103–110, <http://www.kusastro.kyoto-u.ac.jp/vsnet/Mail/vsnet-id/msg00103.html> etc.).

The author is grateful to the USNO PMM team for making USNO A1.0 CD-ROMs available to the author. This work is partly supported by the Grant-in-Aid for Scientific Research (10740095) of the Japanese Ministry of Education, Science, Culture, and Sports.

References:

- Hoffmeister, C., 1965, *Astron. Nach.*, **289**, 1
Kato, T., 1999, *IBVS*, No. 4762

Table 1: Precise coordinates of variable stars

Desig.	R.A.	Decl.	Cat.	Desig.	R.A.	Decl.	Cat.
MW Per	04 ^h 05 ^m 57 ^s .66	+50°05'28".5	G	NSV 06820	14 ^h 52 ^m 04 ^s .76	-72°58'12".5	U
NSV 01586	04 24 17.95	+47 52 13.0	U	NSV 06826	14 52 39.73	-71 04 26.5	U
NSV 03510	07 17 23.11	-11 53 23.8	G	NSV 06851	14 55 58.22	-65 55 52.1	U
NSV 03663	07 36 47.50	-11 52 32.4	G	NSV 06863	14 59 37.81	-72 45 54.9	G
NSV 05275	11 37 38.94	-72 11 10.1	GM	NSV 06865	14 59 43.80	-72 16 48.9	U
NSV 05300	11 42 29.60	-74 58 46.8	GM	NSV 06871	15 00 55.09	-73 29 49.8	U
NSV 05343	11 48 19.23	-68 38 50.8	GM	NSV 06893	15 03 56.62	-64 13 42.4	U
NSV 05350	11 48 56.66	-69 19 07.7	G	NSV 06891	15 04 04.05	-69 53 23.9	G
NSV 05361	11 50 40.50	-67 49 56.0	U	NSV 06923	15 07 11.54	-65 09 37.2	G
NSV 05387	11 55 15.38	-70 05 18.2	U	NSV 06920	15 07 53.15	-72 17 38.5	U
NSV 05390	11 55 37.66	-76 53 59.2	U	NSV 06930	15 08 12.43	-69 50 34.0	U
NSV 05413	12 00 09.07	-73 30 38.3	U	NSV 06957	15 10 28.11	-63 54 22.2	U
NSV 05419	12 00 53.88	-71 54 37.7	U	NSV 06985	15 15 40.92	-71 41 16.9	G
NSV 05443	12 03 52.26	-69 30 54.4	G	NSV 06994	15 15 55.17	-64 52 50.7	U
NSV 05533	12 18 22.52	-70 57 04.2	U	NSV 06997	15 17 16.74	-71 26 07.3	U
NSV 05560	12 20 52.00	-67 57 09.5	U	NSV 07014	15 19 30.09	-64 13 25.7	U
NSV 05577	12 22 44.22	-70 28 26.1	G	NSV 07041	15 24 15.79	-65 48 28.7	U
NSV 05648	12 29 37.02	-75 04 31.2	GM	NSV 07049	15 25 33.27	-68 35 54.0	U
NSV 05651	12 29 53.12	-68 16 43.0	U	NSV 07097	15 30 55.37	-67 07 54.5	GM
NSV 05779	12 37 13.41	-67 16 22.0	GM	NSV 07112	15 31 51.73	-63 35 05.4	U
NSV 05838	12 40 36.03	-70 08 46.5	GM	NSV 07122	15 33 49.15	-64 12 46.0	U
NSV 05857	12 42 02.66	-70 34 26.6	U	NSV 07136	15 35 28.26	-64 37 48.7	U
NSV 05897	12 43 56.87	-67 23 55.1	G	NSV 07159	15 38 55.90	-65 32 44.3	U
NSV 05924	12 45 40.37	-47 40 04.7	U	NSV 07171	15 40 55.93	-68 26 11.8	U
NSV 05932	12 46 38.47	-69 12 34.3	U	NSV 07186	15 42 49.35	-71 43 03.2	U
NSV 05951	12 48 41.82	-68 29 55.8	U	NSV 07214	15 45 44.93	-70 50 24.8	U
NSV 06033	12 57 43.50	-67 35 08.6	U	NSV 07229	15 47 38.48	-70 53 00.0	U
NSV 06035	12 58 22.91	-71 27 37.6	U	NSV 07237	15 47 50.76	-64 27 35.2	UM
NSV 06076	13 04 05.39	-70 34 59.7	U	NSV 07245	15 48 19.88	-64 06 27.3	U
NSV 06099	13 07 49.54	-70 48 39.2	U	NSV 07289	15 52 26.28	-67 02 39.4	U
NSV 06119	13 11 19.92	-73 37 22.6	U	NSV 07317	15 56 11.17	-67 58 45.8	U
NSV 06124	13 12 25.01	-73 43 36.8	U	NSV 07324	15 56 26.80	-64 59 44.4	U
NSV 06130	13 12 35.09	-72 00 31.2	U	NSV 07367	16 00 30.15	-69 13 55.9	U
NSV 06163	13 17 08.33	-68 58 05.7	U	NSV 07381	16 02 27.80	-67 29 10.1	GM
NSV 06166	13 17 48.60	-69 33 12.6	U	NSV 07390	16 04 12.07	-69 10 01.1	G
NSV 06251	13 28 51.68	-75 37 18.3	G	NSV 08177	17 05 10.68	+22 30 28.7	G
NSV 06274	13 30 44.81	-72 51 03.5	U	NSV 08744	17 27 31.68	+11 32 13.3	U
NSV 06665	14 27 55.49	-72 52 30.5	G	NSV 09121	17 32 15.06	+11 49 45.1	G
NSV 06709	14 36 19.67	-71 33 22.1	U	NSV 09442	17 39 04.57	+31 34 52.6	UM
NSV 06744	14 39 55.59	-65 28 39.0	U	NSV 09545	17 41 59.66	+14 26 10.3	U
NSV 06760	14 42 23.19	-71 45 56.5	U	NSV 09521	17 42 10.00	-44 42 55.1	U
NSV 06722	14 43 43.63	-66 48 43.7	U	NSV 09514	17 42 13.04	-49 02 22.3	U
NSV 06801	14 48 55.97	-70 29 01.9	U	NSV 09523	17 42 31.72	-49 55 41.3	U
NSV 06814	14 51 09.43	-73 04 57.0	GM	NSV 09525	17 42 47.55	-51 52 14.0	U

Table 1: cont.

Desig.	R.A.	Decl.	Cat.	Desig.	R.A.	Decl.	Cat.
NSV 09576	17 ^h 42 ^m 52 ^s .84	+14°18'04".8	G	NSV 09842	17 ^h 54 ^m 06 ^s .36	+25°35'18".8	U
V663 Her	17 43 08.75	+29 31 41.6	U	NSV 09811	17 54 15.23	-46 18 48.6	U
NSV 09541	17 43 13.60	-47 21 12.1	GM	NSV 09810	17 54 21.41	-48 34 17.5	U
NSV 09533	17 43 18.16	-53 57 27.5	U	NSV 09826	17 55 10.23	-48 00 57.7	U
NSV 09596	17 43 38.48	+13 55 18.4	G	NSV 09829	17 55 32.59	-49 45 50.8	U
NSV 09552	17 43 48.16	-47 18 19.0	U	NSV 09848	17 56 12.27	-48 31 13.4	U
NSV 09554	17 43 52.05	-48 29 58.8	U	NSV 09849	17 56 40.44	-54 57 53.3	U
NSV 09553	17 43 52.27	-49 05 33.1	U	NSV 09852	17 56 40.89	-53 38 36.1	U
NSV 09556	17 44 02.44	-49 22 11.7	U	NSV 09862	17 56 57.86	-47 39 32.7	U
NSV 09560	17 44 05.45	-50 02 42.1	U	NSV 09880	17 57 38.14	-45 57 52.3	U
NSV 09564	17 44 11.97	-47 43 59.3	U	NSV 09879	17 57 49.43	-49 45 59.6	U
NSV 09577	17 44 26.33	-47 43 00.2	U	NSV 09900	17 58 48.67	-45 43 18.4	UM
NSV 09578	17 44 31.39	-48 19 09.8	U	NSV 09906	17 58 59.06	-46 47 08.0	G
NSV 09575	17 44 41.43	-53 38 56.1	U	NSV 09912	17 59 06.34	-45 54 14.7	U
NSV 09611	17 45 37.76	-47 59 16.3	U	NSV 09925	17 59 24.55	-45 54 54.7	U
NSV 09616	17 45 44.58	-49 18 18.0	U	NSV 09924	17 59 28.00	-47 43 22.0	U
NSV 09674	17 46 25.42	+34 08 45.4	G	NSV 09932	17 59 41.01	-45 43 55.8	U
NSV 09647	17 46 54.14	-46 41 09.1	U	NSV 09936	18 00 21.11	-53 49 05.8	U
NSV 09636	17 46 55.28	-51 55 07.3	U	NSV 09953	18 01 10.13	-53 23 29.9	U
NSV 09650	17 47 03.29	-46 33 48.5	U	NSV 09960	18 01 31.85	-53 10 00.8	U
NSV 09686	17 47 06.77	+14 44 12.5	G	NSV 09972	18 01 33.40	-44 48 43.5	U
NSV 09649	17 47 16.56	-51 41 28.0	U	NSV 09969	18 01 39.69	-46 29 32.5	U
NSV 09651	17 47 19.73	-51 28 51.0	U	NSV 09978	18 02 10.81	-47 16 44.4	U
NSV 09652	17 47 23.20	-51 54 10.3	U	NSV 09998	18 02 59.85	-54 03 35.4	U
NSV 09662	17 47 43.82	-51 36 46.7	GM	NSV 10021	18 03 15.72	-47 27 03.0	U
NSV 09666	17 47 52.44	-49 19 36.4	U	NSV 10023	18 03 17.94	-47 26 29.8	U
NSV 09715	17 47 54.33	+29 23 42.3	G	NSV 10036	18 03 27.47	-47 13 02.3	U
NSV 09680	17 48 31.57	-49 52 59.8	U	NSV 10049	18 03 43.00	-47 43 03.1	U
NSV 09685	17 48 35.22	-46 00 35.2	U	NSV 10089	18 04 28.48	-45 44 24.4	U
NSV 09739	17 49 03.52	+29 50 31.6	U	NSV 10091	18 04 32.65	-46 12 18.9	U
NSV 09695	17 49 17.16	-51 20 35.6	U	NSV 10105	18 04 47.58	-45 00 35.5	U
NSV 09701	17 49 22.64	-46 32 27.6	U	NSV 10124	18 05 07.68	-46 49 30.4	U
NSV 09750	17 49 38.72	+30 10 02.0	U	NSV 10155	18 05 41.64	-46 49 34.3	U
NSV 09718	17 50 11.97	-48 57 09.3	U	NSV 10222	18 06 25.70	+32 37 22.0	U
NSV 09746	17 51 15.00	-46 57 58.5	U	NSV 10177	18 06 38.19	-45 41 40.2	U
NSV 09761	17 51 56.68	-47 47 23.0	U	NSV 10175	18 06 51.44	-53 12 40.5	U
NSV 09758	17 52 04.03	-51 55 30.4	U	NSV 10197	18 07 17.92	-46 48 42.8	GM
NSV 09763	17 52 08.28	-47 11 43.8	U	NSV 10212	18 07 54.47	-47 57 53.9	U
NSV 09771	17 52 31.78	-46 25 36.1	U	NSV 10211	18 07 56.41	-45 28 17.2	U
NSV 09770	17 52 42.43	-49 25 30.2	U	NSV 10229	18 08 34.22	-45 59 06.3	U
NSV 09779	17 52 59.82	-46 21 41.6	U	NSV 10230	18 08 51.15	-51 58 27.5	U
NSV 09782	17 53 02.31	-44 57 25.3	U	NSV 10259	18 09 37.65	-44 31 25.0	U
NSV 09784	17 53 08.75	-46 48 21.4	U	NSV 10273	18 10 21.40	-49 08 20.4	U
NSV 09794	17 53 45.12	-48 51 59.7	G	NSV 10288	18 10 49.56	-44 45 04.2	U

Table 1: cont.

Desig.	R.A.	Decl.	Cat.	Desig.	R.A.	Decl.	Cat.
NSV 10323	18 ^h 11 ^m 45 ^s .59	-45°56'59"6	U	NSV 11664	19 ^h 01 ^m 33 ^s .68	+14°56'09"5	U
NSV 10325	18 11 50.29	-45 49 03.3	G	NSV 11687	19 02 49.44	+16 21 34.8	U
NSV 10321	18 11 50.33	-48 28 40.9	U	NSV 11694	19 03 27.01	+13 27 01.0	U
NSV 10331	18 12 08.68	-47 40 12.3	U	NSV 11700	19 03 51.50	+14 33 41.7	U
NSV 10332	18 12 10.27	-46 20 21.8	U	NSV 11701	19 03 56.68	+14 12 24.3	G
NSV 10369	18 12 10.85	+30 55 13.3	G	NSV 11704	19 03 58.85	+16 19 31.5	U
NSV 10338	18 12 31.96	-46 12 27.5	U	NSV 11705	19 04 17.79	+14 07 02.6	U
NSV 10350	18 13 04.25	-47 54 17.9	U	NSV 11727	19 05 36.26	+14 07 54.1	U
NSV 10354	18 13 12.68	-45 26 07.9	G	V1109 Aql	19 05 39.15	+14 12 43.4	U
NSV 10355	18 13 22.70	-48 20 59.9	U	NSV 13156	20 34 28.19	+24 46 56.3	U
NSV 10373	18 14 03.11	-46 22 05.6	U	NSV 13194	20 38 19.26	+24 35 23.0	U
NSV 10383	18 14 52.84	-54 17 34.5	U	LP Vul	20 39 04.91	+24 05 10.7	U
NSV 10440	18 16 33.92	-49 28 24.1	U	NSV 13218	20 40 09.15	+25 03 29.7	U
NSV 10441	18 16 34.94	-49 31 40.8	U	NSV 13221	20 40 35.77	+23 58 05.4	U
NSV 10465	18 17 13.39	-45 54 24.8	U	NSV 13252	20 42 58.01	+25 16 25.9	U
NGC6584 V8	18 18 55.52	-52 13 34.9	U	V1524 Cyg	20 43 15.20	+34 44 54.5	U
NGC6584 V25	18 18 56.82	-52 11 12.3	U	NSV 13268	20 44 28.88	+23 05 04.4	U
NGC6584 V7	18 19 01.21	-52 11 54.8	U	NSV 13279	20 44 55.07	+33 27 57.3	U
NSV 10508	18 19 04.61	-46 39 28.0	U	NSV 13287	20 46 29.61	+32 34 47.6	U
NSV 10568	18 19 39.57	-46 46 49.4	U	NSV 13306	20 47 44.17	+33 48 39.5	U
NSV 10583	18 19 51.73	-47 41 06.1	U	NSV 13338	20 49 39.78	+35 09 55.2	U
NSV 10621	18 20 33.09	-45 21 42.4	U	NSV 13362	20 51 29.85	+33 50 08.2	U
NSV 10654	18 21 35.56	-46 22 10.6	U	NSV 13374	20 51 54.40	+34 04 17.1	UM
NSV 10684	18 22 44.58	-48 07 19.0	U	NSV 13371	20 51 57.75	+33 52 31.9	UM
NSV 10702	18 23 30.33	-47 54 39.2	GM	NSV 13385	20 53 15.34	+32 26 32.4	U
NSV 10708	18 23 39.38	-45 53 53.3	U	NSV 13547	21 06 57.58	+39 12 21.0	U
NSV 10735	18 25 18.24	-51 34 18.9	U	NSV 13550	21 06 59.36	+37 48 01.8	U
NSV 10765	18 26 27.61	-49 00 00.0	U	NSV 13555	21 07 54.84	+38 49 29.5	U
NSV 10811	18 28 02.95	-46 54 46.7	U	V1229 Cyg	21 09 38.00	+38 12 45.3	G
NSV 10813	18 28 06.02	-47 06 11.8	U	NSV 13589	21 11 11.21	+37 52 18.3	G
NSV 10840	18 28 51.30	-46 11 49.0	U	NSV 13591	21 11 24.57	+37 35 03.6	U
NSV 10855	18 29 32.01	-51 10 11.4	U	NSV 13607	21 13 08.26	+38 40 00.5	U
NSV 10885	18 30 19.06	-46 26 57.2	U	NSV 13625	21 15 37.22	+38 02 27.2	U
NSV 10887	18 30 25.75	-46 56 10.7	U	NSV 13641	21 17 26.87	+36 54 52.8	U
NSV 10955	18 32 35.66	-48 32 59.2	U	NSV 13652	21 18 39.34	+39 08 43.3	U
NSV 10965	18 32 44.55	-48 42 00.0	U	NSV 13659	21 19 18.14	+37 59 22.1	U
NSV 11501	18 54 00.72	+16 11 47.5	U	NSV 13661	21 19 25.38	+39 14 17.6	U
NSV 11537	18 55 18.59	+14 18 46.1	G	NSV 13989	21 59 00.78	+44 43 49.3	G
NSV 11550	18 55 34.79	+14 55 32.2	U	NSV 14048	22 08 56.39	+49 11 07.4	U
NSV 11587	18 57 19.12	+14 47 38.5	U	NSV 14131	22 21 00.68	+48 26 00.8	U
NSV 11595	18 57 47.32	+14 26 42.8	U	V384 Lac	22 23 28.93	+47 44 32.2	U
S 9034	18 58 13.38	+15 06 22.1	U	NSV 14161	22 26 50.44	+44 41 12.6	U
NSV 11629	18 59 53.36	+15 11 56.0	U	NSV 14220	22 34 30.67	+44 16 35.1	U
NSV 11653	19 00 59.65	+15 18 28.1	U	NSV 14606	23 32 39.01	+63 04 09.8	G