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PRECISE COORDINATES OF VARIABLE STARS (1)

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This report contains accurate positions for variable stars discovered by Hoffmeister (1962). The variable stars listed in Table 1 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 source of identification in column ‘source’: GSC = GSC 1.1, GSC mean = average of GSC 1.1 multiple entries, USNO = USNO A1.0, USNO mean = average of USNO–A1.0 multiple entries.

PY Tel (S 7657): given as M-type in GCVS. Hoffmeister classified as “short-period, possibly RR Lyr-type”. The USNO color is not red.

V2044 Sgr (S 7671): brighter one of two candidate stars.

Detailed information of identifications, other catalog identifications are available from the VSNET archive (vsnet 1197–1201,

<http://www.kusastro.kyoto-u.ac.jp/vsnet/Mail/vsnet/msg01197.html>,
<http://www.kusastro.kyoto-u.ac.jp/vsnet/Mail/vsnet/msg01198.html>,
<http://www.kusastro.kyoto-u.ac.jp/vsnet/Mail/vsnet/msg01199.html>,
<http://www.kusastro.kyoto-u.ac.jp/vsnet/Mail/vsnet/msg01200.html> and
<http://www.kusastro.kyoto-u.ac.jp/vsnet/Mail/vsnet/msg01201.html>).

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Reference:

Hoffmeister, C., 1962, *Astron. Nach.*, **287**, 59

Table 1: Precise coordinates of variable stars

Desig.	R.A. (J2000.0)	Decl.	source
NSV 00056	00 ^h 09 ^m 14 ^s .65	-46°32'28".7	GSC mean
NSV 00232	00 37 51 58	-39 51 59 6	GSC
NSV 00254	00 40 18 95	-36 50 30 1	GSC mean
NSV 00370	01 01 07 94	-44 16 20 9	GSC
NSV 00443	01 13 39 35	-26 17 07 5	GSC
VX Scl	01 35 23 51	-35 07 42 0	GSC
NSV 00690	01 59 30 18	-31 29 18 5	GSC
NSV 00736	02 09 25 06	-52 10 10 8	GSC mean
NSV 00782	02 17 57 24	-26 48 21 2	GSC mean
SY For	02 53 14 43	-37 46 14 5	GSC mean
NSV 01120	03 20 09 56	-71 36 09 9	GSC
CR Eri	03 54 17 91	-43 06 38 5	GSC
NSV 01422	03 56 19 58	-32 28 57 2	GSC mean
NSV 01486	04 09 11 22	-43 40 22 8	GSC
NSV 01499	04 10 17 88	-53 18 17 1	GSC mean
NSV 01511	04 12 02 25	-43 12 53 4	GSC
VY Dor	04 48 13 26	-53 48 05 6	GSC
NSV 01856	05 08 38 65	-56 02 56 8	GSC
SS Col	05 41 43 31	-38 57 00 3	USNO
ST Col	05 59 03 80	-39 27 28 2	GSC
NSV 03252	06 51 11 46	-48 21 56 1	GSC
HM Pup	07 19 37 67	-48 39 12 5	GSC mean
NSV 03836	07 58 09 10	-46 48 31 3	GSC
V796 Cen	14 17 06 11	-56 31 58 1	GSC
FR Lup	14 41 02 53	-53 50 24 0	GSC mean
AW Cir	14 50 11 01	-64 32 42 4	GSC
FS Lup	14 52 16 38	-51 25 23 4	GSC mean
YY Aps	15 02 34 48	-72 45 10 2	GSC mean
V749 Cen	15 01 44 63	-36 21 24 3	USNO
NSV 06916	15 05 01 50	-45 03 22 3	GSC
FU Lup	15 09 23 70	-43 19 37 3	GSC mean
FV Lup	15 23 00 35	-53 31 14 7	GSC
NSV 07070	15 26 14 23	-41 28 35 1	GSC mean
FY Lup	15 32 11 38	-44 58 50 0	GSC
IR Nor	15 48 52 70	-44 05 40 0	GSC
EX Lup	16 03 05 48	-40 18 25 9	USNO
NSV 07467	16 09 51 31	-62 12 00 5	GSC mean
NSV 07514	16 14 40 34	-73 48 26 5	GSC mean
NSV 07563	16 15 55 57	-51 07 15 1	GSC mean
BS Aps	16 20 51 60	-71 40 15 2	GSC mean
NSV 07708	16 26 20 29	-34 17 12 3	GSC

Table 1 (cont.)

Desig.	R.A. (J2000.0)	Decl.	source
HO TrA	16 ^h 44 ^m 53 ^s .15	-69°59'22".3	GSC mean
V761 Sco	16 43 47 75	-35 48 25 0	GSC
FW TrA	16 54 03 64	-64 59 33 6	GSC
V633 Ara	17 17 01 00	-52 14 06 0	GSC
V530 Ara	17 28 00 30	-49 16 37 1	GSC
V531 Ara	17 28 05 69	-49 29 55 6	GSC
V532 Ara	17 29 11 77	-51 05 40 4	GSC
V904 Sco	17 29 56 75	-41 03 23 1	GSC
V536 Ara	17 40 14 33	-53 50 32 6	GSC
NSV 09477	17 42 40 84	-64 36 51 6	GSC
NSV 09510	17 41 55 06	-45 34 14 9	GSC
NSV 09677	17 48 30 36	-51 13 34 7	GSC mean
V538 Ara	17 49 18 66	-53 20 13 7	GSC
V760 Ara	17 49 30 57	-48 26 42 2	GSC mean
NSV 09837	17 56 02 90	-55 40 31 6	GSC mean
NSV 09917	17 59 42 94	-55 42 05 7	GSC mean
V762 Ara	17 58 55 69	-46 49 53 0	USNO
V763 Ara	17 59 08 21	-47 45 26 8	GSC mean
V641 Ara	18 00 59 46	-47 36 22 4	GSC mean
NSV 10283	18 10 55 22	-54 49 47 1	GSC
NW Pav	18 13 34 62	-65 14 12 1	GSC
PY Tel	18 22 36 36	-48 45 31 4	GSC mean
V2537 Sgr	18 23 00 24	-32 34 04 1	GSC mean
NSV 10751	18 26 43 16	-62 52 18 0	GSC mean
NSV 11053	18 40 48 66	-79 53 55 7	GSC mean
V441 CrA	18 29 54 62	-41 06 56 2	USNO
NSV 10906	18 30 55 07	-44 43 28 8	GSC mean
V622 CrA	18 31 06 15	-38 21 07 4	GSC mean
NSV 10991	18 34 26 69	-63 12 05 3	GSC
V1999 Sgr	18 32 32 14	-34 58 40 6	USNO
V445 CrA	18 37 38 22	-44 30 31 3	GSC
NSV 11135	18 39 15 02	-44 43 09 4	GSC
NSV 11262	18 44 55 73	-47 13 24 8	GSC mean
OU Tel	18 45 15 46	-49 13 58 6	GSC mean
NSV 11328	18 47 40 40	-48 36 03 2	GSC mean
V2044 Sgr	18 49 44 04	-34 00 29 4	GSC
HI Tel	18 55 22 57	-52 45 04 3	GSC mean
DR Pav	19 02 52 62	-63 08 57 9	GSC
HK Tel	19 06 49 91	-52 29 43 3	GSC mean
NSV 11853	19 17 05 63	-51 37 05 5	GSC mean

Table 1 (cont.)

Desig.	R.A. (J2000.0)	Decl.	source
V1266 Sgr	19 ^h 21 ^m 08 ^s .50	-29°49'38".9	GSC
NSV 11936	19 22 38 94	-45 40 23 2	GSC mean
V2144 Sgr	19 25 51 02	-43 56 34 0	GSC mean
NSV 12094	19 32 52 75	-65 04 07 7	GSC
HL Tel	19 31 05 60	-50 23 46 5	GSC
QR Pav	19 35 40 16	-61 19 17 6	GSC
HM Tel	19 34 10 39	-49 10 46 0	GSC
NSV 12283	19 42 17 07	-45 46 21 6	GSC
V2173 Sgr	19 44 02 38	-33 19 33 6	GSC
FO Pav	19 51 42 26	-62 44 05 9	GSC mean
NSV 12502	19 53 49 80	-50 03 28 0	GSC
NSV 12592	19 58 25 11	-54 30 53 4	GSC
NSV 12644	20 00 18 70	-46 42 38 0	GSC mean
NSV 12849	20 11 15 42	-50 18 12 6	GSC
PP Tel	20 16 56 47	-51 15 11 1	GSC mean
IS Tel	20 21 42 69	-49 48 54 5	GSC mean
SW Ind	20 30 26 17	-48 14 57 6	GSC
V337 Pav	20 48 06 59	-62 04 47 2	GSC mean
V338 Pav	21 08 34 20	-63 28 06 1	GSC
NSV 13809	21 38 29 71	-49 00 52 7	USNO
SX PsA	21 39 43 27	-30 53 39 2	GSC mean
NSV 13835	21 41 21 39	-38 24 54 2	GSC
AT Gru	21 42 38 27	-41 39 34 2	GSC mean
SY PsA	21 42 34 96	-32 12 10 6	USNO
NSV 13906	21 55 10 47	-76 56 26 4	GSC mean
SV Gru	21 58 49 44	-44 19 29 8	GSC
AO Ind	22 00 29 14	-50 29 39 6	GSC
AQ Ind	22 07 55 15	-59 52 29 3	GSC
UW Gru	22 20 13 21	-54 33 28 4	GSC mean
AZ Ind	22 33 30 78	-69 33 43 2	GSC
WZ Gru	22 44 45 95	-42 21 42 1	GSC mean
SZ PsA	22 51 40 50	-27 51 13 8	GSC mean
NSV 14355	22 54 55 64	-52 49 13 0	GSC mean
AE Gru	22 55 51 71	-40 40 16 5	GSC
NSV 14467	23 15 23 70	-50 18 28 1	GSC mean
AQ Gru	23 22 18 02	-42 05 24 4	GSC mean
NSV 14546	23 25 20 92	-67 50 05 5	GSC mean
AK Scl	23 36 56 52	-37 22 20 2	GSC mean
NSV 14697	23 46 02 87	-35 35 21 2	GSC