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PRECISE COORDINATES OF VARIABLE STARS (7)

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This report contains 152 accurate J2000.0 positions for variable stars discovered by Hoffleit (1972). The variables 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 source of identification in column ‘Cat.’: G = GSC 1.1, GM = average of GSC 1.1 multiple entries, U = USNO A1.0. The table has been sorted in the increasing order of J2000.0 right ascensions.

The identifications for the following stars are slightly uncertain because of the high density of stars and/or chart distortions: V1656 Sgr, V1657 Sgr, V2331 Sgr, V2332 Sgr, V2343 Sgr, V2357 Sgr, V2378 Sgr, V2383 Sgr, V2520 Sgr, V2524 Sgr, V2543 Sgr, V2544 Sgr, V2548 Sgr, V2557 Sgr, V2558 Sgr, V2562 Sgr, V2585 Sgr, V2586 Sgr, V2589 Sgr, V2592 Sgr, V3800 Sgr, V3802 Sgr, V3812 Sgr, V3831 Sgr, V3832 Sgr, V3836 Sgr, V3842 Sgr, V3845 Sgr, V3850 Sgr.

Detailed information of identifications, other catalog identifications are available from the VSNET archive (vsnet 1181–1184, 1188–1190, 1192–1193, <http://www.kusastro.kyoto-u.ac.jp/vsnet/Mail/vsnet/msg01181.html> etc.).

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Reference:

Hoffleit, D., 1972, *IBVS*, No. 660

Table 1: Precise coordinates of variable stars

Desig.	R.A.	Decl.	Cat.	Desig.	R.A.	Decl.	Cat.
V3796 Sgr	18 ^h 14 ^m 05 ^s .24	-27°00'23''0	GM	V1656 Sgr	18 ^h 25 ^m 12 ^s .44	-26°26'04''6	G
V3797 Sgr	18 14 39.63	-18 54 41.8	G	V3817 Sgr	18 25 53.17	-24 21 55.6	U
V3798 Sgr	18 15 25.73	-19 39 15.1	U	V2546 Sgr	18 26 04.62	-23 01 01.1	U
V2331 Sgr	18 17 06.82	-23 57 51.0	G	V3818 Sgr	18 26 17.17	-23 10 14.5	G
V3799 Sgr	18 17 34.01	-25 54 51.6	G	V3820 Sgr	18 26 22.33	-24 14 15.9	G
V2513 Sgr	18 17 47.41	-27 49 27.6	GM	V3821 Sgr	18 26 23.17	-22 04 11.9	U
V2520 Sgr	18 19 07.98	-27 32 53.3	U	V2548 Sgr	18 26 27.34	-22 02 13.7	U
V2333 Sgr	18 19 40.34	-23 16 28.1	G	V3822 Sgr	18 26 29.60	-22 46 23.1	G
V3801 Sgr	18 19 42.66	-18 54 37.5	G	V2346 Sgr	18 26 45.86	-21 07 40.1	GM
V2524 Sgr	18 19 52.68	-23 54 03.4	U	V3823 Sgr	18 26 47.15	-24 11 15.9	U
V2525 Sgr	18 19 56.95	-22 12 37.2	U	V2344 Sgr	18 26 49.97	-23 25 38.0	U
V3802 Sgr	18 20 02.59	-23 51 03.1	U	V3824 Sgr	18 26 56.24	-24 18 16.4	U
V3800 Sgr	18 20 03.03	-26 40 50.9	G	V2549 Sgr	18 27 00.72	-22 17 32.0	U
V2527 Sgr	18 20 06.11	-22 55 52.0	GM	V3825 Sgr	18 27 05.54	-26 08 32.6	G
V3803 Sgr	18 20 12.23	-23 20 49.9	G	V3826 Sgr	18 27 08.34	-23 36 06.0	U
V2534 Sgr	18 21 13.20	-23 05 41.8	GM	V3827 Sgr	18 27 14.70	-24 35 11.8	U
V3805 Sgr	18 22 09.97	-24 22 41.6	U	V2552 Sgr	18 27 29.45	-24 42 57.7	U
V3806 Sgr	18 22 20.46	-23 16 00.4	U	V1662 Sgr	18 27 34.23	-22 00 46.3	U
V3809 Sgr	18 22 25.78	-22 37 11.9	U	V1988 Sgr	18 27 57.37	-27 37 23.3	GM
V3808 Sgr	18 22 32.00	-25 07 31.8	G	V3828 Sgr	18 28 02.01	-27 38 42.2	G
V3807 Sgr	18 22 36.05	-27 31 49.8	GM	V3829 Sgr	18 28 19.30	-23 17 15.6	G
V1864 Sgr	18 22 38.99	-27 34 42.4	GM	V2557 Sgr	18 28 21.44	-22 06 43.1	U
V1868 Sgr	18 23 12.75	-24 37 17.9	U	V2558 Sgr	18 28 24.89	-22 13 40.2	U
V3811 Sgr	18 23 28.94	-21 53 08.8	U	V2348 Sgr	18 28 30.63	-23 13 00.6	U
V3812 Sgr	18 23 40.70	-23 29 19.7	U	V3830 Sgr	18 28 45.47	-23 31 52.5	U
V2332 Sgr	18 23 44.44	-23 19 48.6	U	V3831 Sgr	18 28 52.66	-21 59 41.0	U
V2338 Sgr	18 23 48.72	-25 26 19.4	U	V2350 Sgr	18 28 54.67	-25 47 20.2	G
V2339 Sgr	18 24 07.49	-23 18 25.7	G	V2562 Sgr	18 28 59.13	-22 47 25.1	U
V3814 Sgr	18 24 09.39	-25 54 19.1	G	V3832 Sgr	18 29 00.84	-24 36 39.2	G
V3813 Sgr	18 24 10.17	-27 19 44.5	GM	V3833 Sgr	18 29 06.16	-26 37 55.4	U
V514 Sgr	18 24 20.96	-25 53 25.6	G	V2352 Sgr	18 29 11.86	-22 02 44.6	G
V2341 Sgr	18 24 32.07	-23 47 04.5	U	V3835 Sgr	18 29 14.29	-25 21 50.1	G
V2343 Sgr	18 24 41.14	-23 19 57.5	U	V3837 Sgr	18 29 17.82	-22 33 03.4	U
V2543 Sgr	18 24 59.57	-26 29 01.6	G	V3836 Sgr	18 29 18.48	-24 33 40.8	U
V3816 Sgr	18 25 01.82	-23 08 08.8	G	V2565 Sgr	18 29 19.53	-24 32 42.3	G
V1657 Sgr	18 25 01.93	-23 05 25.5	U	V2353 Sgr	18 29 28.44	-24 23 51.4	G
V2544 Sgr	18 25 04.02	-26 35 47.9	U	V3838 Sgr	18 29 58.94	-23 10 57.5	G
V3815 Sgr	18 25 09.78	-26 26 36.5	G	V3839 Sgr	18 30 06.73	-23 15 14.8	U

Table 1: cont.

Desig.	R.A.	Decl.	Cat.	Desig.	R.A.	Decl.	Cat.
V2354 Sgr	18 ^h 30 ^m 11.65	-24°52'26''3	G	V3854 Sgr	18 ^h 35 ^m 20.48	-23°24'31''2	GM
V2570 Sgr	18 30 13.01	-23 09 43.8	U	V2369 Sgr	18 35 25.20	-22 22 45.7	U
V3840 Sgr	18 30 17.25	-23 59 10.1	U	V2007 Sgr	18 35 26.56	-23 47 30.8	U
V2357 Sgr	18 30 26.46	-22 23 32.9	U	V2592 Sgr	18 35 29.50	-23 45 08.4	U
V3842 Sgr	18 30 41.29	-23 57 48.5	U	V1698 Sgr	18 36 04.64	-22 39 48.9	U
V2358 Sgr	18 30 42.22	-23 38 19.2	G	V3855 Sgr	18 36 10.10	-24 05 48.2	GM
V3843 Sgr	18 30 48.64	-23 38 33.7	U	V2370 Sgr	18 36 10.81	-20 43 31.3	G
V2571 Sgr	18 30 49.41	-23 05 51.2	U	V2598 Sgr	18 36 36.66	-22 47 11.2	U
V3844 Sgr	18 30 59.70	-26 29 25.6	U	V3856 Sgr	18 36 51.29	-22 15 36.4	U
V2573 Sgr	18 31 15.09	-21 47 33.7	G	V2600 Sgr	18 37 18.35	-21 29 19.6	U
IK Sgr	18 31 32.76	-24 47 38.1	U	V3857 Sgr	18 37 20.62	-24 42 12.2	U
V2576 Sgr	18 31 49.87	-26 18 52.8	G	V3858 Sgr	18 37 32.64	-22 34 07.4	U
V3845 Sgr	18 31 51.37	-25 12 48.9	U	V2372 Sgr	18 37 36.28	-22 12 35.4	U
IM Sgr	18 32 02.35	-25 13 22.5	U	V2601 Sgr	18 38 02.06	-22 41 51.3	U
V2580 Sgr	18 32 06.64	-23 54 34.7	U	V2374 Sgr	18 38 09.63	-27 41 28.4	U
V3846 Sgr	18 32 11.31	-22 02 29.8	U	V3860 Sgr	18 38 18.66	-21 24 17.7	U
V1680 Sgr	18 32 28.13	-23 16 35.2	U	V2376 Sgr	18 38 24.74	-25 32 55.9	G
V2363 Sgr	18 32 35.29	-23 14 03.6	G	V3859 Sgr	18 38 32.31	-27 42 05.3	GM
V2584 Sgr	18 33 05.01	-25 11 46.0	U	V4033 Sgr	18 38 44.74	-23 05 16.6	GM
V4066 Sgr	18 33 09.57	-23 04 21.1	GM	V3862 Sgr	18 38 45.55	-22 40 43.3	U
V1684 Sgr	18 33 13.13	-25 05 18.0	G	V3861 Sgr	18 38 54.62	-26 48 26.6	U
V2585 Sgr	18 33 22.79	-21 49 08.2	U	V3718 Sgr	18 39 04.70	-21 08 47.4	U
V3847 Sgr	18 33 23.85	-22 14 03.4	U	V2378 Sgr	18 39 59.64	-18 38 40.7	U
V2586 Sgr	18 33 35.99	-23 17 16.5	U	V2606 Sgr	18 40 06.67	-21 22 27.3	U
V3848 Sgr	18 33 47.06	-23 43 36.0	G	V3863 Sgr	18 40 12.34	-24 31 04.7	G
V2588 Sgr	18 33 53.45	-20 57 40.1	U	V3864 Sgr	18 40 51.69	-26 47 21.6	G
V1686 Sgr	18 34 00.21	-25 05 57.1	G	V2608 Sgr	18 40 56.03	-26 05 03.6	G
V3849 Sgr	18 34 05.84	-23 32 26.0	G	V3865 Sgr	18 41 10.55	-23 16 27.4	U
V3850 Sgr	18 34 09.20	-23 19 38.8	U	V2380 Sgr	18 41 25.46	-25 43 05.3	G
V2364 Sgr	18 34 09.88	-24 25 13.5	GM	V3866 Sgr	18 42 03.18	-19 46 36.0	G
V2589 Sgr	18 34 29.31	-23 01 37.5	U	V2383 Sgr	18 42 49.87	-19 01 36.9	U
V2365 Sgr	18 34 37.68	-21 55 58.0	U	V1710 Sgr	18 43 24.08	-21 12 49.1	U
V2366 Sgr	18 34 42.21	-21 56 49.3	U	V3868 Sgr	18 43 27.77	-21 11 41.5	U
V2367 Sgr	18 34 52.09	-23 52 55.3	GM	V3869 Sgr	18 43 36.83	-22 56 29.1	G
V3851 Sgr	18 34 59.24	-25 18 31.9	U	V3870 Sgr	18 44 09.04	-22 54 14.5	U
V2591 Sgr	18 34 59.51	-21 34 21.7	U	V3787 Sgr	18 44 20.98	-20 15 53.4	U
V3853 Sgr	18 35 03.46	-23 51 14.7	U	YY Sgr	18 44 35.83	-19 23 23.4	GM
V3852 Sgr	18 35 06.49	-25 02 49.8	U	V3871 Sgr	18 44 40.69	-19 22 59.7	U