

TABLE 1
ARNICA STANDARD STAR PHOTOMETRY

Star Name	Other Designation	Coordinates (2000)		J (δ_J)	H (δ_H)	K (δ_K)	$J - K$	$H - K$	Number Nights ^a
		α	δ						
AS01-0	FS02	00 55 09.9	00 43 13	10.716 (0.005)	10.507 (0.010)	10.470 (0.003)	0.25	0.04	6,6,6
AS02-0	SAO054271	00 55 58.6	39 10 09	8.775 (0.006)	8.771 (0.012)	8.770 (0.009)	0.01	0.00	5,6,6
AS03-0	FS03	01 04 21.6	04 13 39	12.606 (0.011)	12.729 (0.008)	12.827 (0.013)	-0.22	-0.10	6,6,6
AS04-0	FS04	01 54 37.6	00 43 01	10.555 (0.004)	10.301 (0.005)	10.277 (0.006)	0.28	0.02	5,5,5
AS04-1		01 54 43.4	00 43 59	12.371 (0.021)	12.033 (0.020)	11.962 (0.025)	0.41	0.07	4,3,4
AS05-0	FS06	02 30 16.4	05 15 52	13.232 (0.009)	13.314 (0.007)	13.381 (0.010)	-0.15	-0.07	8,7,8
AS05-1		02 30 18.6	05 16 42	14.350 (0.013)	13.663 (0.011)	13.507 (0.009)	0.84	0.16	7,8,8
AS06-0	SAO038218	02 41 03.6	47 41 28	8.713 (0.010)	8.694 (0.014)	8.674 (0.010)	0.04	0.02	8,8,8
AS07-0	FS07	02 57 21.2	00 18 39	11.105 (0.013)	10.977 (0.009)	10.946 (0.010)	0.16	0.03	6,6,7
AS08-0	SAO056596	03 38 08.3	35 10 52	8.744 (0.011)	8.723 (0.014)	8.697 (0.012)	0.05	0.03	5,5,6
AS08-1		03 38 12.0	35 10 11	8.772 (0.011)	7.836 (0.018)	7.570 (0.017)	1.20	0.27	5,5,5
AS08-2		03 38 08.3	35 09 38	9.728 (0.011)	9.121 (0.015)	8.995 (0.016)	0.73	0.13	5,5,6
AS09-0	SAO013053	04 11 05.8	60 10 21	8.432 (0.012)	8.380 (0.014)	8.340 (0.011)	0.09	0.04	6,6,6
AS09-1		04 11 06.2	60 09 39	11.546 (0.015)	10.923 (0.016)	10.730 (0.015)	0.82	0.19	6,6,6
AS10-0	FS11	04 52 58.9	-00 14 41	11.349 (0.011)	11.281 (0.009)	11.259 (0.006)	0.09	0.02	8,8,7
AS11-0	SAO058110	05 29 55.5	39 38 59	9.151 (0.009)	9.181 (0.010)	9.183 (0.011)	-0.03	-0.00	7,8,8
AS11-1		05 30 02.0	39 37 49	11.299 (0.009)	10.342 (0.015)	10.051 (0.008)	1.25	0.29	7,6,6
AS12-0	FS12	05 52 27.4	15 53 23	13.700 (0.018)	13.812 (0.015)	13.884 (0.011)	-0.18	-0.07	5,4,3
AS12-1		05 52 21.5	15 52 44	11.241 (0.007)	10.931 (0.018)	10.866 (0.020)	0.38	0.06	3,4,4
AS13-0	FS13	05 57 07.5	00 01 11	10.517 (0.005)	10.189 (0.005)	10.137 (0.005)	0.38	0.05	9,9,8
AS13-1		05 57 10.4	00 01 38	12.201 (0.019)	11.781 (0.007)	11.648 (0.009)	0.55	0.13	5,5,5
AS13-2		05 57 09.5	00 01 50	12.521 (0.008)	12.101 (0.005)	11.970 (0.006)	0.55	0.13	5,5,5
AS13-3		05 57 08.0	00 00 07	13.345 (0.015)	12.964 (0.017)	12.812 (0.012)	0.53	0.15	5,4,4
AS14-0	SAO013747	06 11 25.4	61 32 15	8.688 (0.013)	8.623 (0.014)	8.590 (0.007)	0.10	0.03	6,6,6
AS14-1		06 11 29.9	61 32 05	9.871 (0.015)	9.801 (0.015)	9.755 (0.011)	0.12	0.05	6,6,6
AS15-0	NGC2264	06 40 34.3	09 19 13	10.874 (0.007)	10.669 (0.010)	10.628 (0.008)	0.25	0.04	8,9,10
AS15-1		06 40 36.2	09 18 60	12.656 (0.011)	11.980 (0.010)	11.792 (0.011)	0.86	0.19	9,9,8
AS15-2		06 40 37.9	09 18 41	13.711 (0.014)	12.927 (0.017)	12.719 (0.012)	0.99	0.21	8,9,8
AS15-3		06 40 37.9	09 18 19	14.320 (0.015)	13.667 (0.017)	13.415 (0.015)	0.91	0.25	8,7,8
AS16-0	FS14	07 24 15.3	-00 32 50	14.159 (0.021)	14.111 (0.011)	14.305 (0.017)	-0.15	-0.19	5,4,4
AS16-1		07 24 14.3	-00 33 05	13.761 (0.020)	13.638 (0.005)	13.606 (0.021)	0.15	0.03	5,4,4
AS16-2		07 24 15.4	-00 32 49	11.411 (0.010)	11.428 (0.017)	11.445 (0.008)	-0.03	-0.02	5,4,4
AS16-3		07 24 17.2	-00 32 27	13.891 (0.012)	13.855 (0.011)	13.818 (0.011)	0.07	0.04	5,4,3
AS16-4		07 24 17.5	-00 33 07	11.402 (0.015)	11.106 (0.019)	11.043 (0.009)	0.36	0.06	4,4,4
AS17-0	NGC2419	07 38 15.5	38 56 16	14.353 (0.012)	14.039 (0.015)	13.983 (0.016)	0.37	0.06	6,5,5
AS17-1		07 38 19.1	38 55 17	12.434 (0.009)	12.077 (0.012)	12.027 (0.017)	0.41	0.05	6,6,6
AS17-2		07 38 16.6	38 57 13	14.745 (0.012)	14.124 (0.012)	13.871 (0.016)	0.87	0.25	5,5,3
AS17-3		07 38 10.7	38 57 11	13.077 (0.007)	12.782 (0.010)	12.706 (0.006)	0.37	0.08	6,6,4
AS17-4		07 38 08.2	38 56 01	14.459 (0.018)	13.795 (0.014)	13.430 (0.018)	1.03	0.37	5,5,5
AS18-0	FS15	08 51 05.8	11 43 47	12.741 (0.008)	12.402 (0.004)	12.338 (0.013)	0.40	0.06	8,8,8
AS18-1		08 51 03.5	11 45 03	10.769 (0.024)	10.614 (0.014)	10.575 (0.014)	0.19	0.04	4,6,6
AS19-0	FS17	08 51 19.7	11 52 11	12.670 (0.014)	12.334 (0.013)	12.263 (0.004)	0.41	0.07	5,5,6
AS19-1		08 51 21.8	11 52 38	10.095 (0.017)	9.794 (0.013)	9.746 (0.010)	0.35	0.05	4,4,5
AS19-2		08 51 20.2	11 52 48	12.745 (0.019)	12.488 (0.024)	12.437 (0.012)	0.31	0.05	4,4,5
AS20-0	SAO042804	09 19 27.5	43 31 46	9.551 (0.012)	9.519 (0.007)	9.497 (0.015)	0.05	0.02	9,9,9

TABLE 1— *Continued*

Star Name	Other Designation	Coordinates (2000)		J (δ_J)	H (δ_H)	K (δ_K)	$J - K$	$H - K$	Number Nights ^a
		α	δ						
AS21-0	SAO062058	10 28 42.1	36 46 18	9.061 (0.007)	9.043 (0.015)	9.031 (0.007)	0.03	0.01	6,7,9
AS22-0	FS21	11 37 05.6	29 47 59	12.966 (0.005)	13.038 (0.010)	13.158 (0.007)	-0.19	-0.12	7,7,8
AS23-0	SAO119183	12 02 53.5	04 08 47	8.889 (0.010)	8.847 (0.009)	8.828 (0.010)	0.06	0.02	6,7,6
AS24-0	SAO015832	12 35 15.6	62 56 57	9.398 (0.009)	9.345 (0.009)	9.338 (0.010)	0.06	0.01	5,6,6
AS25-0	FS33	12 57 02.4	22 02 01	14.029 (0.008)	14.134 (0.010)	14.195 (0.009)	-0.17	-0.06	5,4,5
AS26-0	FS23	13 41 43.6	28 29 51	13.000 (0.015)	12.455 (0.012)	12.379 (0.010)	0.62	0.08	7,7,8
AS26-1		13 41 47.2	28 29 49	12.120 (0.016)	11.527 (0.016)	11.428 (0.016)	0.69	0.10	7,8,8
AS27-0	FS24	14 40 07.0	00 01 45	10.910 (0.015)	10.781 (0.007)	10.761 (0.010)	0.15	0.02	5,4,5
AS27-1		14 40 07.3	00 02 23	12.991 (0.015)	12.677 (0.024)	12.608 (0.019)	0.38	0.07	4,3,4
AS28-0	SAO064525	15 09 20.3	39 25 49	8.455 (0.010)	8.378 (0.014)	8.372 (0.008)	0.08	0.01	7,7,8
AS29-0	FS25	15 38 33.3	00 14 19	10.234 (0.005)	9.842 (0.013)	9.760 (0.009)	0.47	0.08	5,5,5
AS29-1		15 38 30.6	00 14 21	13.904 (0.017)	13.566 (0.019)	13.503 (0.020)	0.40	0.06	5,3,4
AS30-0	FS27	16 40 41.6	36 21 13	13.505 (0.004)	13.197 (0.011)	13.141 (0.014)	0.36	0.06	4,4,4
AS30-1		16 40 41.6	36 21 13	12.497 (0.017)	12.157 (0.011)	12.175 (0.021)	0.32	-0.02	3,3,3
AS31-0	FS28	17 44 06.8	-00 24 58	10.744 (0.008)	10.644 (0.005)	10.602 (0.004)	0.14	0.04	6,6,6
AS31-1		17 44 06.2	-00 24 22	12.504 (0.010)	12.131 (0.011)	12.048 (0.007)	0.46	0.08	6,6,6
AS31-2		17 44 06.2	-00 24 22	13.290 (0.009)	12.633 (0.011)	12.476 (0.010)	0.81	0.16	5,5,4
AS32-0	SAO017946	18 36 10.5	65 04 30	8.017 (0.018)	7.917 (0.012)	7.925 (0.014)	0.09	-0.01	4,4,4
AS33-0	FS35	18 27 13.6	04 03 10	12.220 (0.004)	11.834 (0.005)	11.739 (0.009)	0.48	0.09	4,4,5
AS33-1		18 27 12.4	04 02 16	13.180 (0.009)	12.477 (0.004)	12.343 (0.008)	0.84	0.13	4,4,5
AS33-2		18 27 15.5	04 03 34	13.724 (0.024)	13.271 (0.023)	13.168 (0.014)	0.56	0.10	4,4,5
AS34-0	SAO048300	19 17 34.5	48 06 02	8.443 (0.019)	8.434 (0.003)	8.436 (0.019)	0.01	-0.00	3,3,3
AS35-0	SAO070237	20 35 11.2	36 08 49	8.625 (0.009)	8.544 (0.011)	8.524 (0.006)	0.10	0.02	3,4,4
AS36-0	FS29	21 52 25.3	02 23 33	13.168 (0.013)	13.242 (0.007)	13.301 (0.007)	-0.13	-0.06	4,4,4
AS36-1		21 52 26.2	02 24 41	13.538 (0.028)	13.049 (0.012)	12.960 (0.014)	0.58	0.09	3,4,4
AS36-2		21 52 22.4	02 24 32	14.246 (0.014)	13.847 (0.014)	13.737 (0.008)	0.51	0.11	4,4,4
AS36-3		21 52 21.4	02 23 14	14.165 (0.004)	13.607 (0.009)	13.333 (0.022)	0.83	0.27	4,3,4
AS36-4		21 52 25.4	02 23 35	15.312 (0.008)	14.769 (0.006)	14.514 (0.022)	0.80	0.26	4,4,4
AS37-0	SAO072320	22 25 20.7	40 09 38	8.669 (0.017)	8.678 (0.009)	8.635 (0.009)	0.03	0.04	5,5,5
AS37-1		22 25 19.8	40 08 06	11.020 (0.026)	10.516 (0.014)	10.399 (0.011)	0.62	0.12	3,3,3
AS38-0	FS30	22 41 44.7	01 12 36	11.932 (0.006)	11.988 (0.009)	12.027 (0.010)	-0.09	-0.04	5,6,4
AS38-1		22 41 46.4	01 11 52	12.994 (0.004)	12.657 (0.012)	12.588 (0.020)	0.41	0.07	4,5,4
AS38-2		22 41 50.2	01 12 43	11.355 (0.023)	11.026 (0.014)	10.991 (0.013)	0.36	0.04	4,5,4
AS39-0	FS31	23 12 21.2	10 47 06	13.808 (0.008)	13.929 (0.002)	14.011 (0.009)	-0.20	-0.08	5,5,4
AS39-1		23 12 20.7	10 46 36	15.033 (0.022)	14.333 (0.004)	14.045 (0.018)	0.99	0.29	4,4,4
AS40-0	NGC7790	23 58 50.2	61 10 02	11.051 (0.013)	10.408 (0.013)	10.240 (0.013)	0.81	0.17	7,8,8
AS40-1		23 58 43.2	61 10 26	11.900 (0.012)	11.097 (0.011)	10.861 (0.008)	1.04	0.24	7,8,7
AS40-2		23 58 59.7	61 10 26	11.477 (0.018)	10.569 (0.014)	10.314 (0.018)	1.16	0.26	4,4,4
AS40-3		23 58 57.5	61 09 46	10.578 (0.015)	9.966 (0.011)	9.785 (0.008)	0.79	0.18	6,6,6
AS40-4		23 58 53.6	61 11 02	10.356 (0.015)	9.695 (0.008)	9.516 (0.007)	0.84	0.18	7,7,7
AS40-5	23 58 43.2	61 09 42	9.488 (0.013)	9.418 (0.007)	9.405 (0.008)	0.08	0.01	6,6,8	

^aThe three numbers refer to the number of nights in each band, J , H , and K , respectively. The number of nights may differ between bands because of lack of measurements, and may differ between stars of a given field because of bad pixels or positioning of the field on the detector.