

PREDICTED INFRARED BRIGHTNESS OF STARS WITHIN 25 PARSECS OF THE SUN

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ABSTRACT

Procedures are given for transforming selected optical data into infrared flux densities or irradiances. The results provide R, T_{eff} blackbody approximations for ~ 2000 of the stars in Woolley *et al.*'s Catalogue of Stars within 25 pc of the Sun and additional white dwarfs, with infrared flux densities predicted for them at nine wavelengths from 2.2 to 101 μm , including the *Infrared Astronomy Satellite* bands.

Subject headings: infrared: sources — photometry — stars: late-type — stars: white dwarfs

I. INTRODUCTION

The *Infrared Astronomy Satellite (IRAS)* has been launched to survey the sky in spectral bands that cover 8–15, 15–30, 40–80, and 80–120 μm , with a sensitivity corresponding to a noise equivalent flux density of $\sim 10^{-19} \text{ W cm}^{-2}$ for stars in 80% of the sky (Bamberg and Downey 1978). This and other new infrared telescopes will encounter a great variety of objects for the first time because of increased sensitivity. Among the more predictable new objects may be the stars within 25 pc of the Sun, and we have proceeded to make the predictions for the stars with sufficient data in the Woolley *et al.* Catalogue of Stars within 25 pc of the Sun (1970, henceforth the Woolley catalog). These stars are only a small fraction of the stars expected to be within 25 pc of the Sun according to Luyten's (1968) luminosity function. There is a rapid decline in the ratio of the numbers of optically detected to predicted stars with distance. Even nearer than 10 pc, only 240 out of an estimated total of 550 are cataloged (Gliese 1981). It will be of interest to determine how many of the 550 predicted stars within 10 pc, or the 8600 predicted stars within 25 pc, may be detected to $10^{-19} \text{ W cm}^{-2}$ in the infrared. Some of these might be identified by deep proper-motion searches in small optical fields. A few of the most important nearby stars are missing because they are not in the Woolley catalog, e.g., CM Dra (Lacy 1977a). The stars nearer than 25 pc should be distributed nearly isotropically, since their scale height in galactic z -distance is larger than 25 pc. The distant stars should continue to show a strong concentration to the galactic plane in much greater numbers.

The nearby stars, by which we shall mean those in the Woolley catalog with defined exceptions and additions, are all fainter than $M_v = -0.5$ mag. They include a number of giants brighter than $M_v = +4.5$, but the bulk of the nearby stars are dwarfs which have not attracted much attention from infrared observers, apparently be-

cause they behave too much like blackbodies in the infrared. This, however, is inferred from a very small sample (Bopp, Gehrtz, and Hackwell 1974; Pettersen 1980), and no doubt surprises will turn up from a large survey. Pettersen illustrates the data that are available to $\sim 10 \mu\text{m}$, and he derives physical parameters for the sample. For purposes of prediction for infrared broad bands, the blackbody approximation appears to be valid for most stars in the Woolley catalog, although it has been known for more than a decade that the luminous stars often provide interesting departures from this approximation.

II. DESCRIPTION OF THE CATALOG

The principal part of our catalog (Table 1) quotes the serial number (identical with Gliese's 1969 catalog, except for those numbered above 9000), right ascension, and declination from the Woolley catalog. We next quote the trigonometric parallax and probable error in arc seconds that are available in the Woolley catalog, except for ~ 150 stars that are assigned only a spectroscopic parallax (s in place of probable error). Gliese and Jahreiss (1979) give a trigonometric parallax, which we substitute, for ~ 57 of them. The corresponding revision of absolute magnitude is also made. Spectral class data are quoted from the Woolley catalog, with some changes for computer printout: lower case prefixes are capitalized, and "D" becomes "WD" (white dwarf). Hyphenated luminosity classes in the Woolley catalog are listed without the hyphenation, following the machine-readable version obtained from the Goddard National Space Science Data Center via the Strasbourg Centre de Données Stellaires and the Royal Observatory. The luminosity class that survives dehyphenation may be either the higher or lower one, and we accept the result for ~ 28 stars originally IV–V, four stars originally III–IV, and four stars originally V–VI. The notation MS is meant to indicate a spectrally blended multiple

TABLE 1
INFRARED BRIGHTNESS OF STARS WITHIN 25 PARSECS OF THE SUN

NAME	RA (1950)			DEC (1950)		PARALLAX		SPEC	CLASS	ABS MAG	ABS MAG	NOTES	MIRC
	H	M	S	DEG	ARCMIN	ARCSEC							
1	0	2	28	-37	36.1	.225	8	M4	V	10.34	10.34		
2	0	2	32	45	30.5	.094	4	DM2		9.76	9.76		
3	0	2	48	-68	6.1	.077	12	K5	V	7.88	7.88		
4A	0	3	2	45	32.1	.094	4	DK6		8.80	8.80	SB	
4B	0	3	2	45	32.0	.094	4	DM0		8.84	8.84		
9001A	0	3	38	58	9.5	.045	8	DG5		4.24J	4.66		
9001B	0	3	38	58	9.5	.045	8	DG8		5.47	5.47		
9002A	0	3	44	-49	21.2	.049	7	G1	IV	4.14	4.14		
9002E	0	3	44	-49	21.2	.049	7			9.95	9.95		
5	0	4	1	28	44.6	.069	7	K0	V	5.33	5.33		
9003	0	4	58	-24	5.8	.041	12	G0		6.75	6.75		
6	0	6	6	36	21.0	.047	6	DF5		4.57	4.57		
8	0	6	30	58	52.4	.066	5	F2	IV	1.37	1.37	SB	IRC +60004
9004	0	6	53	-46	1.4	.065	11	K0	III	2.94	2.94		
10	0	8	43	-15	44.5	.066	10	F6	V	3.99	3.99		
9005	0	9	3	-59	11.2	.051	13	G4	V	6.88	6.88		
11A	0	10	30	69	2.1	.059	12	M5	MS	11.45	11.45		
11B	0	10	30	69	2.1	.059	12			11.75	11.75		
12	0	13	12	13	16.4	.088	11	M5		13.52P	12.02	D	
13	0	14	24	-52	55.9	.068	12	G2	V	6.00	6.00	SB	
14	0	14	26	40	40.1	.063	18	DM0		8.00	8.00		
9007	0	14	45	-44	7.8	.045	13	G5	IV	6.22	6.22		
9008	0	15	25	-13	44.0	.043	16	DG2		4.71	4.71		
15A	0	15	31	43	44.4	.282	7	M1	V	10.33	10.33	SB	
15B	0	15	34	43	44.6	.282	7	M6E	V	13.29V	13.29	UV	
16	0	15	42	9	55.5	.037		DM0		8.72	8.72		
9009	0	16	7	-8	19.7	.052	13	G5	V	5.03	5.03		
17	0	17	29	-65	10.1	.139	8	G0	V	4.95	4.95		
9010	0	18	52	-46	.7	.046	6	M1		8.51	8.51		
9011	0	19	52	-27	18.2	.051	8	K3	V	6.86	6.86		
9012	0	20	18	-12	29.2	.049	7	G2	V	4.84	4.84		
18	0	21	53	-27	18.2	.048	9	K3	V	6.32	6.32		
19	0	23	9	-77	32.0	.159	7	G2	IV	3.81	3.81		
20	0	23	45	-43	57.4	.072	10	A7N	V	3.21	3.21		
9013	0	23	49	-42	34.5	.041	7	K0	III	.44	.44	SB AB GL	64
21	0	24	0	69	52.0	.066		DM0		9.59	9.59		
22A	0	29	20	66	57.8	.096	6	DM3		10.25J	10.45	AB	
22B	0	29	20	66	57.8	.096	6	M4		12.21	12.21		
9014	0	30	22	41	43.5	.058	11	DM0		9.82	9.82		
9015A	0	30	28	-63	18.4	.041	9	A2		3.15J	3.63		
9016	0	31	43	47	38.4	.043	11	F8		5.57	5.57		
9017	0	32	5	-52	39.0	.049	11	DF6		4.02	4.02		
23A	0	32	40	-3	52.0	.063	5	F8	V MS	4.20J	4.69	SB	
23B	0	32	40	-3	52.0	.063	5			5.30	5.30		
24	0	33	40	-49	24.0	.078	12	K0	V	7.83	7.83	SB	
25A	0	34	47	-25	2.5	.074	7	G5	V MS	4.93J	5.62		
25E	0	34	47	-25	2.5	.074	7			5.75	5.75		
26	0	36	13	30	20.5	.080	6	DM4		10.54	10.54		
27	0	36	45	20	58.9	.100	6	K0	V	5.86	5.86		
9019	0	38	2	-24	4.3	.042	7	G3	V	4.26	4.26		
28	0	38	4	39	55.3	.072	7	K2	V	6.64	6.64		
29	0	38	6	-59	44.0	.057	7	G1	V	4.66	4.66		
9020A	0	38	15	-7	30.2	.041	6	DG0		5.08	5.08		
9020B	0	38	15	-7	30.2	.041	6	DM1		8.08	8.08		
9022	0	40	5	35	16.4	.047	10	DM0E		8.74V	8.74	SB	
30	0	40	52	33	34.5	.058	9	DK5		7.52	7.52		
31	0	41	5	-18	15.6	.058	7	K0	III	.84	.84	IRC -20010	
9023A	0	41	7	-57	44.1	.045	10	A0	V	2.63	2.63		
9023B	0	41	7	-57	44.1	.045	10			10.27	10.27		
9024	0	41	58	-26	47.5	.042	14	G5	V	5.94	5.94		
9025	0	42	7	-19	13.3	.057	12	DM0		9.38	9.38		
9026	0	42	16	-22	16.7	.047	10	F2	V	3.60	3.60		
9027	0	42	31	1	31.2	.043	11	K2	V	6.22	6.22		
9028	0	42	32	-65	54.8	.056	8	G3	V	5.28	5.28		
32A	0	43	25	-42	10.8	.083	12	K5	V	7.48J	8.02		

TABLE 1—*Continued*

NAME	RADIUS SUN=1	TEMP K	F2.2	F3.4	F4.2	F5.0	F10.2	F11.8	F24.4	F58.6	F101.
WATTS/CM2/MICRON											
1	.48	3405.	7.32-16	1.96-16	9.69-17	5.30-17	3.88-18	2.23-18	1.34-19	4.25-21	4.89-22
2	.54	3526.	1.76-16	4.63-17	2.27-17	1.24-17	8.98-19	5.16-19	3.10-20	9.79-22	1.13-22
3	.70	4010.	2.61-16	6.49-17	3.13-17	1.68-17	1.19-18	6.79-19	4.03-20	1.27-21	1.45-22
4A	.65	3805.	3.03-16	7.70-17	3.74-17	2.02-17	1.44-18	8.26-19	4.92-20	1.55-21	1.78-22
4B	.65	3796.	2.98-16	7.59-17	3.69-17	1.99-17	1.42-18	8.15-19	4.86-20	1.53-21	1.76-22
9001A	1.00	5851.	3.63-16	7.99-17	3.70-17	1.94-17	1.28-18	7.27-19	4.20-20	1.30-21	1.49-22
9001B	.89	5270.	2.43-16	5.50-17	2.58-17	1.36-17	9.09-19	5.17-19	3.01-20	9.35-22	1.07-22
9002A	1.21	5957.	6.46-16	1.42-16	6.55-17	3.43-17	2.26-18	1.28-18	7.39-20	2.29-21	2.62-22
9002B	.52	3478.	4.28-17	1.13-17	5.59-18	3.05-18	2.22-19	1.28-19	7.67-21	2.42-22	2.79-23
5	.91	5373.	6.15-16	1.38-16	6.46-17	3.40-17	2.27-18	1.29-18	7.51-20	2.33-21	2.67-22
9003	.78	4422.	1.12-16	2.69-17	1.28-17	6.85-18	4.73-19	2.70-19	1.59-20	4.97-22	5.70-23
6	1.01	5911.	4.13-16	9.07-17	4.20-17	2.20-17	1.45-18	8.22-19	4.75-20	1.47-21	1.68-22
8	2.49	6918.	6.32-15	1.34-15	6.12-16	3.18-16	2.05-17	1.16-17	6.66-19	2.05-20	2.34-21
9004	5.66	4790.	1.71-14	3.99-15	1.88-15	9.99-16	6.80-17	3.87-17	2.27-18	7.07-20	8.10-21
10	1.06	6258.	9.79-16	2.12-16	9.76-17	5.10-17	3.33-18	1.89-18	1.09-19	3.36-21	3.84-22
9005	.77	4349.	1.64-16	3.95-17	1.89-17	1.01-17	6.99-19	3.99-19	2.35-20	7.36-22	8.44-23
11A	.38	3255.	2.87-17	7.86-18	3.91-18	2.15-18	1.59-19	9.17-20	5.55-21	1.76-22	2.03-23
11B	.36	3221.	2.47-17	6.81-18	3.40-18	1.87-18	1.39-19	8.00-20	4.85-21	1.54-22	1.77-23
12	.34	3197.	4.83-17	1.34-17	6.68-18	3.67-18	2.74-19	1.58-19	9.56-21	3.04-22	3.50-23
13	.85	4898.	4.37-16	1.01-16	4.77-17	2.52-17	1.71-18	9.75-19	5.70-20	1.78-21	2.03-22
14	.69	3981.	1.68-16	4.19-17	2.02-17	1.09-17	7.69-19	4.40-19	2.61-20	8.21-22	9.43-23
9007	.54	5623.	1.01-16	2.24-17	1.04-17	5.46-18	3.62-19	2.06-19	1.19-20	3.70-22	4.23-23
9008	.99	5820.	3.24-16	7.15-17	3.31-17	1.74-17	1.15-18	6.51-19	3.76-20	1.17-21	1.33-22
15A	.48	3407.	1.16-15	3.10-16	1.53-16	8.36-17	6.12-18	3.52-18	2.12-19	6.71-21	7.72-22
15B	.24	3105.	2.31-16	6.52-17	3.27-17	1.80-17	1.36-18	7.82-19	4.76-20	1.51-21	1.74-22
16	.66	3823.	4.82-17	1.22-17	5.94-18	3.21-18	2.29-19	1.31-19	7.81-21	2.46-22	2.82-23
9009	.95	5600.	4.07-16	9.06-17	4.21-17	2.21-17	1.47-18	8.35-19	4.84-20	1.50-21	1.72-22
17	.96	5662.	3.03-15	6.72-16	3.12-16	1.64-16	1.09-17	6.17-18	3.58-19	1.11-20	1.27-21
9010	.67	3867.	7.90-17	2.00-17	9.67-18	5.22-18	3.71-19	2.12-19	1.26-20	3.98-22	4.57-23
9011	.77	4360.	1.65-16	3.98-17	1.90-17	1.02-17	7.04-19	4.02-19	2.37-20	7.41-22	8.50-23
9012	.98	5737.	3.97-16	8.77-17	4.07-17	2.14-17	1.41-18	8.03-19	4.64-20	1.44-21	1.65-22
18	.82	4685.	1.88-16	4.41-17	2.09-17	1.11-17	7.58-19	4.32-19	2.53-20	7.91-22	9.06-23
19	1.46	5875.	9.77-15	2.15-15	9.95-16	5.21-16	3.44-17	1.95-17	1.13-18	3.49-20	3.99-21
20	1.14	6741.	1.52-15	3.24-16	1.48-16	7.72-17	5.00-18	2.83-18	1.62-19	5.01-21	5.72-22
9013	17.89	4790.	6.80-14	1.59-14	7.49-15	3.97-15	2.70-16	1.54-16	9.02-18	2.81-19	3.22-20
21	.56	3578.	9.59-17	2.51-17	1.23-17	6.68-18	4.84-19	2.78-19	1.66-20	5.26-22	6.04-23
22A	.47	3388.	1.26-16	3.39-17	1.68-17	9.16-18	6.72-19	3.87-19	2.33-20	7.38-22	8.49-23
22B	.32	3183.	5.19-17	1.44-17	7.21-18	3.97-18	2.96-19	1.71-19	1.03-20	3.29-22	3.79-23
9014	.53	3510.	6.45-17	1.70-17	8.38-18	4.56-18	3.32-19	1.91-19	1.14-20	3.62-22	4.16-23
9015A	.70	9376.	3.04-16	6.10-17	2.74-17	1.41-17	8.81-19	4.97-19	2.81-20	8.62-22	9.82-23
9016	.88	5198.	2.11-16	4.80-17	2.25-17	1.19-17	7.96-19	4.53-19	2.64-20	8.20-22	9.39-23
9017	1.06	6239.	5.35-16	1.16-16	5.34-17	2.79-17	1.82-18	1.03-18	5.95-20	1.84-21	2.10-22
23A	1.00	5833.	7.03-16	1.55-16	7.17-17	3.76-17	2.48-18	1.41-18	8.14-20	2.52-21	2.88-22
23B	.92	5395.	5.20-16	1.17-16	5.46-17	2.87-17	1.92-18	1.09-18	6.34-20	1.97-21	2.25-22
24	.70	4021.	2.72-16	6.75-17	3.26-17	1.75-17	1.23-18	7.06-19	4.19-20	1.31-21	1.51-22
25A	.88	5162.	6.11-16	1.39-16	6.52-17	3.44-17	2.31-18	1.32-18	7.67-20	2.38-21	2.73-22
25B	.87	5070.	5.77-16	1.32-16	6.20-17	3.28-17	2.21-18	1.26-18	7.33-20	2.28-21	2.61-22
26	.46	3374.	8.34-17	2.25-17	1.11-17	6.08-18	4.46-19	2.57-19	1.55-20	4.90-22	5.64-23
27	.86	4993.	1.00-15	2.31-16	1.09-16	5.75-17	3.89-18	2.21-18	1.29-19	4.02-21	4.60-22
9019	1.04	6109.	3.67-16	8.00-17	3.69-17	1.93-17	1.27-18	7.18-19	4.14-20	1.28-21	1.46-22
28	.79	4486.	3.64-16	8.69-17	4.13-17	2.20-17	1.52-18	8.66-19	5.09-20	1.59-21	1.83-22
29	1.00	5852.	5.83-16	1.28-16	5.95-17	3.12-17	2.06-18	1.17-18	6.75-20	2.09-21	2.39-22
9020A	.94	5562.	2.47-16	5.50-17	2.56-17	1.35-17	8.94-19	5.08-19	2.95-20	9.14-22	1.04-22
9020B	.69	3962.	6.94-17	1.74-17	8.39-18	4.52-18	3.19-19	1.83-19	1.09-20	3.41-22	3.92-23
9022	.66	3818.	7.73-17	1.96-17	9.53-18	5.15-18	3.67-19	2.10-19	1.25-20	3.94-22	4.53-23
30	.73	4095.	1.66-16	4.09-17	1.97-17	1.06-17	7.40-19	4.24-19	2.51-20	7.87-22	9.03-23
31	14.88	4790.	9.42-14	2.20-14	1.04-14	5.50-15	3.74-16	2.13-16	1.25-17	3.89-19	4.46-20
9023A	1.31	7462.	9.18-16	1.91-16	8.71-17	4.51-17	2.89-18	1.63-18	9.33-20	2.87-21	3.28-22
9023B	.48	3417.	3.04-17	8.13-18	4.01-18	2.19-18	1.60-19	9.22-20	5.56-21	1.76-22	2.02-23
9024	.85	4939.	1.71-16	3.95-17	1.86-17	9.85-18	6.67-19	3.80-19	2.22-20	6.91-22	7.91-23
9025	.58	3646.	8.13-17	2.11-17	1.03-17	5.59-18	4.03-19	2.31-19	1.38-20	4.36-22	5.01-23
9026	1.10	6510.	5.64-16	1.21-16	5.56-17	2.90-17	1.88-18	1.07-18	6.14-20	1.90-21	2.16-22
9027	.83	4751.	1.58-16	3.69-17	1.74-17	9.26-18	6.31-19	3.60-19	2.11-20	6.57-22	7.53-23
9028	.92	5410.	4.15-16	9.33-17	4.36-17	2.29-17	1.53-18	8.70-19	5.05-20	1.57-21	1.79-22
32A	.69	3977.	2.90-16	7.24-17	3.50-17	1.88-17	1.33-18	7.60-19	4.52-20	1.42-21	1.63-22

TABLE 1—Continued

NAME	RA (1950)			DEC (1950)		PARALLAX	SPEC CLASS	ABS MAG	ABS MAG	NOTES	MIRC
	H	M	S	DEG	ARC MIN	ARC SEC					
32B	0	43	25	-42	10.8	.083 12	K7 V	8.50	8.50		
9029	0	45	8	-37	12.5	.044 8	GO	6.04	6.04		
9030	0	45	25	-9	37.3	.040 13	F5	6.11	6.11		
33	0	45	45	5	1.4	.144 5	K2 V	6.54	6.54		
34A	0	46	3	57	33.0	.172 4	GO V	4.62	4.62	IRC	+60019
34B	0	46	3	57	33.0	.172 4	DMO	8.69	8.69	IRC	+60019
9031	0	46	21	16	40.3	.046 8	F8 V	3.39	3.39	SB	
35	0	46	31	5	9.2	.230 3	WDF3	14.26	14.26		
36	0	46	57	-23	29.2	.064 8	DG7	6.20	6.20		
37	0	47	37	-10	54.8	.064 6	F8 V	4.23	4.23		
38	0	48	23	58	1.5	.064 8	DM2	10.53	10.53		
39	0	48	43	18	28.2	.070 10	DK6	8.50	8.50		
40	0	49	4	-23	10.7	.068 8	DK4	8.09	8.09		
41	0	50	4	60	51.0	.064 11	F8 IV	3.83	3.83		
42	0	50	34	-30	37.6	.080 17	K3 V	6.67	6.67	SB	
9032	0	52	19	23	49.9	.049 12	G5	5.85	5.85		
9033	0	53	40	58	54.6	.041 17	G8 IV	2.68	2.68	IRC	+60030
44	0	54	48	-2	5.0	.070 11	K1	8.63	8.63		
45	0	55	10	-62	31.0	.060 7	K7 V	8.36	8.36		
46	0	55	58	-28	7.3	.071 14	M	11.76P	10.31		
9034	0	57	36	17	55.8	.050 11	G5	5.89	5.89		
47	0	58	13	61	6.5	.080 8	DM2	10.22	10.22		
48	0	58	48	71	25.0	.114 5	DM4E	10.34	10.34		
9035	0	59	4	81	50.0	.040 10	DG2	6.41	6.41		
49	0	59	27	62	4.5	.109 14	K5 V	9.76	9.76		
50	0	59	27	-10	8.8	.042 8	K5	8.72	8.72		
51	1	0	8	62	5.8	.111 11	DM5E	13.89V	13.89	UV	
9036	1	1	59	-25	52.0	.044 11	K5 V	7.96	7.96		
9037	1	2	22	-39	44.9	.044 8	G3 IV	5.94	5.94		
9038A	1	2	49	15	8.6	.048 5	DK8	7.09J	8.14		
9038B	1	2	49	15	8.6	.048 5		7.61	7.61		
52	1	3	44	63	40.1	.072 7	K7 V	8.27	8.27		
9039	1	4	35	-51	15.5	.048 8	K1 V	7.24	7.24		
53	1	4	56	54	40.5	.127 3	G5 VI	5.64	5.64	AB	
9040A	1	4	56	22	41.6	.043 11	K4 V	6.57	6.57		
9040E	1	4	56	22	41.6	.043 11	M3	12.17	12.17		
9041	1	4	57	33	56.0	.050 11	M4	13.19P	11.74		
9042	1	6	1	16	59.0	.045 11	DK4	8.87	8.87		
9043	1	6	35	-31	11.7	.041 12	KO	7.15	7.15		
9044	1	6	55	35	21.4	.045 6	MO III	.32	.32	IRC	+40019
54	1	8	34	-67	43.0	.113 12	K	11.47P	10.04		
9045A	1	11	53	-8	11.5	.051 6	F5 V	3.67	3.67		
9045B	1	11	51	-8	10.7	.051 6	DG9	6.41	6.41		
9046	1	12	11	-42	9.5	.043 12	GO	6.64	6.64		
9047	1	12	51	-65	1.5	.048 11	GO	7.43	7.43		
55	1	12	56	-45	47.9	.069 10	F8 V	4.15	4.15		
9048	1	13	54	25	4.1	.044 5	DMO	8.30	8.30		
9049A	1	14	5	-69	8.5	.048 8	F6 V	3.26J	3.38		
9049B	1	14	4	-69	8.3	.048 8	F8	5.71	5.71		
56	1	15	5	-15	45.5	.068 9	K3	8.86	8.86		
9052A	1	16	6	-1	7.6	.046 6	K1 V	6.31	6.31		
9052B	1	16	6	-1	8.1	.046 6	MO	9.04	9.04		
9053	1	16	43	79	53.5	.041 10	DMO	7.72	7.72		
9054	1	17	50	76	27.0	.042 10	DKO	5.23	5.23		
57	1	19	16	-41	54.6	.065 12	M1	9.26	9.26		
9055A	1	20	33	-13	13.6	.050 12	DG8	6.34	6.34		
9055B	1	20	33	-13	13.6	.050 12	DK6	8.79	8.79		
9056	1	22	10	18	14.6	.044 12	DK4	7.32	7.32		
58	1	22	57	-28	5.6	.073 13	G3 V	7.61	7.61		
59	1	30	53	-24	25.9	.070 8	G8 V	6.18	6.18		
9057	1	31	35	34	25.4	.040 10	F8	6.91	6.91		
60A	1	32	42	-30	10.0	.057 16	K3 V	5.92J	6.72		
60B	1	32	42	-30	10.0	.057 16		6.68	6.68		
60C	1	32	42	-30	10.0	.057 16		9.98	9.98		
61	1	33	51	41	9.3	.062 5	F8 V	3.06	3.06	IRC	+40024

TABLE 1—Continued

NAME	RADIUS SUN=1	TEMP K	F2.2	F3.4	F4.2	F5.0	F10.2	F11.8	F24.4	F58.6	F101.
WATTS/CM2/MICRON											
32B	.67	3869.	2.58-16	6.51-17	3.16-17	1.70-17	1.21-18	6.93-19	4.12-20	1.30-21	1.49-22
9029	.84	4871.	1.80-16	4.16-17	1.96-17	1.04-17	7.06-19	4.02-19	2.35-20	7.33-22	8.39-23
9030	.84	4824.	1.44-16	3.34-17	1.58-17	8.37-18	5.69-19	3.24-19	1.90-20	5.91-22	6.77-23
33	.80	4546.	1.53-15	3.62-16	1.72-16	9.16-17	6.29-18	3.59-18	2.11-19	6.59-21	7.56-22
34A	1.01	5878.	5.41-15	1.19-15	5.51-16	2.88-16	1.90-17	1.08-17	6.24-19	1.93-20	2.21-21
34B	.66	3829.	1.05-15	2.67-16	1.30-16	7.00-17	4.98-18	2.85-18	1.70-19	5.35-21	6.15-22
9031	1.12	6646.	5.79-16	1.24-16	5.67-17	2.95-17	1.92-18	1.09-18	6.23-20	1.92-21	2.20-22
35	.01	5500.	1.63-18	3.64-19	1.69-19	8.91-20	5.93-21	3.37-21	1.96-22	6.07-24	6.94-25
36	.83	4764.	3.53-16	8.24-17	3.90-17	2.07-17	1.41-18	8.03-19	4.70-20	1.47-21	1.68-22
37	1.04	6122.	8.60-16	1.87-16	8.64-17	4.51-17	2.96-18	1.68-18	9.68-20	2.99-21	3.42-22
38	.46	3375.	5.37-17	1.44-17	7.15-18	3.91-18	2.87-19	1.65-19	9.95-21	3.15-22	3.63-23
39	.67	3869.	1.83-16	4.63-17	2.24-17	1.21-17	8.60-19	4.93-19	2.93-20	9.22-22	1.06-22
40	.69	3959.	1.90-16	4.76-17	2.30-17	1.24-17	8.76-19	5.02-19	2.98-20	9.36-22	1.07-22
41	1.15	6252.	1.07-15	2.32-16	1.07-16	5.59-17	3.65-18	2.07-18	1.19-19	3.69-21	4.22-22
42	.79	4468.	4.44-16	1.06-16	5.04-17	2.69-17	1.85-18	1.06-18	6.22-20	1.95-21	2.23-22
9032	.86	5000.	2.42-16	5.57-17	2.62-17	1.39-17	9.36-19	5.33-19	3.11-20	9.69-22	1.11-22
9033	5.54	4930.	6.87-15	1.59-15	7.47-16	3.96-16	2.68-17	1.53-17	8.92-19	2.78-20	3.18-21
44	.66	3842.	1.77-16	4.49-17	2.18-17	1.18-17	8.37-19	4.80-19	2.86-20	8.99-22	1.03-22
45	.68	3899.	1.39-16	3.50-17	1.69-17	9.14-18	6.48-19	3.71-19	2.21-20	6.94-22	7.97-23
46	.48	3410.	7.41-17	1.98-17	9.80-18	5.35-18	3.92-19	2.25-19	1.36-20	4.30-22	4.94-23
9034	.86	4973.	2.48-16	5.71-17	2.69-17	1.42-17	9.62-19	5.48-19	3.20-20	9.96-22	1.14-22
47	.49	3426.	9.86-17	2.63-17	1.30-17	7.10-18	5.19-19	2.99-19	1.80-20	5.69-22	6.54-23
48	.48	3405.	1.88-16	5.04-17	2.49-17	1.36-17	9.96-19	5.73-19	3.45-20	1.09-21	1.26-22
9035	.81	4628.	1.25-16	2.95-17	1.40-17	7.44-18	5.09-19	2.91-19	1.71-20	5.32-22	6.10-23
49	.54	3526.	2.36-16	6.22-17	3.06-17	1.66-17	1.21-18	6.94-19	4.17-20	1.32-21	1.51-22
50	.66	3823.	6.21-17	1.58-17	7.66-18	4.14-18	2.95-19	1.69-19	1.01-20	3.17-22	3.64-23
51	.21	3063.	2.56-17	7.28-18	3.66-18	2.02-18	1.53-19	8.81-20	5.37-21	1.71-22	1.97-23
9036	.69	3991.	8.30-17	2.07-17	9.99-18	5.37-18	3.79-19	2.17-19	1.29-20	4.05-22	4.65-23
9037	.57	5794.	1.11-16	2.46-17	1.14-17	5.98-18	3.95-19	2.24-19	1.30-20	4.02-22	4.59-23
9038A	.68	3948.	9.37-17	2.35-17	1.13-17	6.11-18	4.32-19	2.47-19	1.47-20	4.62-22	5.30-23
9038B	.72	4073.	1.10-16	2.73-17	1.31-17	7.05-18	4.95-19	2.83-19	1.68-20	5.27-22	6.05-23
52	.68	3919.	2.04-16	5.13-17	2.48-17	1.34-17	9.47-19	5.43-19	3.23-20	1.01-21	1.16-22
9039	.75	4181.	1.25-16	3.06-17	1.47-17	7.86-18	5.49-19	3.14-19	1.86-20	5.82-22	6.68-23
53	.76	5420.	1.45-15	3.27-16	1.52-16	8.02-17	5.35-18	3.04-18	1.77-19	5.48-21	6.27-22
9040A	.80	4528.	1.34-16	3.19-17	1.52-17	8.07-18	5.55-19	3.17-19	1.86-20	5.82-22	6.67-23
9040B	.33	3186.	1.07-17	2.96-18	1.48-18	8.13-19	6.06-20	3.50-20	2.12-21	6.74-23	7.76-24
9041	.36	3222.	1.78-17	4.92-18	2.45-18	1.35-18	1.00-19	5.77-20	3.50-21	1.11-22	1.28-23
9042	.65	3789.	6.74-17	1.72-17	8.35-18	4.52-18	3.22-19	1.85-19	1.10-20	3.47-22	3.98-23
9043	.75	4216.	9.44-17	2.30-17	1.10-17	5.91-18	4.12-19	2.36-19	1.39-20	4.36-22	5.00-23
9044	35.71	3895.	2.18-13	5.50-14	2.66-14	1.44-14	1.02-15	5.84-16	3.47-17	1.09-18	1.25-19
54	.51	3459.	2.17-16	5.76-17	2.84-17	1.55-17	1.13-18	6.49-19	3.91-20	1.23-21	1.42-22
9045A	1.09	6471.	6.51-16	1.40-16	6.43-17	3.35-17	2.18-18	1.24-18	7.10-20	2.19-21	2.51-22
9045B	.81	4628.	2.03-16	4.79-17	2.27-17	1.21-17	8.28-19	4.72-19	2.77-20	8.65-22	9.92-23
9046	.79	4486.	1.30-16	3.10-17	1.47-17	7.86-18	5.41-19	3.09-19	1.82-20	5.68-22	6.51-23
9047	.73	4120.	1.17-16	2.88-17	1.38-17	7.42-18	5.20-19	2.97-19	1.76-20	5.52-22	6.34-23
55	1.05	6163.	1.02-15	2.22-16	1.02-16	5.35-17	3.50-18	1.99-18	1.15-19	3.54-21	4.05-22
9048	.68	3912.	7.58-17	1.90-17	9.22-18	4.97-18	3.52-19	2.02-19	1.20-20	3.77-22	4.33-23
9049A	1.12	6654.	6.33-16	1.35-16	6.20-17	3.23-17	2.09-18	1.19-18	6.81-20	2.10-21	2.40-22
9049B	.87	5098.	2.47-16	5.64-17	2.65-17	1.40-17	9.42-19	5.36-19	3.13-20	9.73-22	1.11-22
56	.65	3791.	1.55-16	3.94-17	1.91-17	1.04-17	7.38-19	4.23-19	2.52-20	7.95-22	9.13-23
9052A	.82	4692.	1.73-16	4.07-17	1.93-17	1.02-17	6.99-19	3.99-19	2.34-20	7.29-22	8.35-23
9052B	.63	3748.	6.47-17	1.66-17	8.06-18	4.36-18	3.12-19	1.79-19	1.07-20	3.37-22	3.87-23
9053	.71	4047.	7.77-17	1.93-17	9.28-18	4.99-18	3.51-19	2.01-19	1.19-20	3.74-22	4.29-23
9054	.93	5448.	2.40-16	5.38-17	2.51-17	1.32-17	8.79-19	5.00-19	2.90-20	9.00-22	1.03-22
57	.60	3684.	1.14-16	2.93-17	1.43-17	7.76-18	5.57-19	3.20-19	1.91-20	6.03-22	6.93-23
9055A	.82	4672.	2.02-16	4.75-17	2.25-17	1.19-17	8.17-19	4.66-19	2.73-20	8.52-22	9.76-23
9055B	.65	3807.	8.59-17	2.19-17	1.06-17	5.74-18	4.09-19	2.34-19	1.40-20	4.40-22	5.05-23
9056	.74	4154.	1.02-16	2.50-17	1.20-17	6.44-18	4.51-19	2.58-19	1.53-20	4.78-22	5.49-23
58	.72	4073.	2.55-16	6.30-17	3.03-17	1.63-17	1.14-18	6.55-19	3.88-20	1.22-21	1.40-22
59	.83	4777.	4.26-16	9.94-17	4.70-17	2.49-17	1.70-18	9.68-19	5.67-20	1.77-21	2.02-22
9057	.77	4333.	9.95-17	2.40-17	1.15-17	6.13-18	4.25-19	2.43-19	1.43-20	4.48-22	5.14-23
60A	.79	4439.	2.20-16	5.27-17	2.51-17	1.34-17	9.24-19	5.28-19	3.11-20	9.71-22	1.11-22
60B	.79	4462.	2.24-16	5.35-17	2.55-17	1.36-17	9.37-19	5.35-19	3.15-20	9.84-22	1.13-22
60C	.51	3471.	5.69-17	1.51-17	7.44-18	4.06-18	2.96-19	1.70-19	1.02-20	3.23-22	3.72-23
61	1.16	6842.	1.19-15	2.52-16	1.16-16	6.01-17	3.88-18	2.20-18	1.26-19	3.89-21	4.44-22

TABLE 1—Continued

NAME	RA (1950)			DEC (1950)		PARALLAX	SPEC CLASS	ABS MAG	ABS MAG	NOTES	MIRC
	H	M	S	DEG	ARC MIN	ARC SEC					
62	1	34	49	-29	38.8	.041 10	KO V	6.19	6.19		
63	1	35	7	56	58.9	.087 8	M4	10.90	10.90		
64	1	35	26	-5	14.7	.084 4	WDA	11.94	11.94		
65A	1	36	25	-18	12.7	.367 9	DM6E	15.32	15.32		GL 4126S
65B	1	36	25	-18	12.7	.367 9	DM4E	15.82V	15.82	UV	GL 4126S
9058	1	37	37	-46	45.6	.066 11	MO	10.00P	8.70		
9059	1	37	52	66	39.6	.041 8	G5 V	5.75	5.75		
66A	1	37	54	-56	26.9	.153 9	KO V	5.99J	6.67		
66B	1	37	54	-56	26.9	.153 9	KO V	6.82	6.82		
67	1	38	44	42	21.7	.087 6	G2 V	4.66	4.66		
9060	1	39	28	-45	40.3	.053 12	G5 V	7.91	7.91		
68	1	39	47	20	1.5	.134 6	K1 V	5.88	5.88		
69	1	40	12	63	34.8	.075 4	K5 V	7.78	7.78		
70	1	40	46	4	4.8	.114 14	DM2	11.23	11.23		
71	1	41	45	-16	12.0	.277 5	G8P V	5.71	5.71		IRC -20018
72	1	42	12	19	50.0	.029	DG4	3.59	3.59		HALL 010191
73	1	42	19	16	6.1	.063 12	M4	15.00P	13.55		
74	1	43	58	12	9.7	.035	DK8	6.62	6.62		
75	1	44	6	63	36.4	.114 6	KO V	5.91	5.91		
76	1	45	20	-26	59.6	.056 12	K1 V	7.72	7.72		
77	1	46	12	-41	44.6	.065 12	G4 V	6.19	6.19		
9061A	1	47	8	-10	56.0	.043 5	F2 IV	2.85	2.85		
9061B	1	46	56	-10	57.0	.043 5	DG1	4.94	4.94		
78	1	49	19	-11	2.5	.088 9	M4	10.92	10.92		
9062	1	50	13	29	20.2	.050 7	F6 IV	1.91	1.91	SE	IRC +30031
79	1	50	25	-22	40.9	.083 9	DM1	8.30	8.30		
80	1	51	52	20	33.9	.065 8	A5 V	1.71	1.71	SB	IRC +20031
81A	1	54	1	-51	51.4	.058 8	G5 IV	2.52	2.52		
81B	1	54	1	-51	51.4	.058 8		9.82	9.82		
9063	1	54	43	-10	29.0	.050 16	G5	4.91	4.91		
9064	1	54	52	-60	28.4	.055 12	K2	7.30	7.30		
9065	1	55	6	-52	.7	.054 8	F8 V	4.75	4.75		
82	1	55	55	58	16.9	.082 6	M5E	11.67V	11.67		
83	1	57	12	-61	48.8	.047 9	F0 V	1.22	1.22		
9066	1	57	28	12	50.0	.213 10	DM5E	13.92V	13.92	UV	
9067A	1	59	28	3	42.0	.043 12	DK5	8.77	8.77		
9067B	1	59	28	3	42.3	.043 12	M2	10.57	10.57		
9068	2	0	9	5	28.4	.041 9	K4	9.96	9.96		
9069A	2	1	55	-45	39.1	.050 12	GO	5.78	5.78		
9069B	2	1	55	-45	39.1	.050 12		11.49	11.49		
84	2	2	37	-17	51.0	.114 6	DM0	10.46	10.46		
9070A	2	3	7	-28	18.7	.054 13	G4	10.05	10.05		
9070B	2	3	7	-28	17.7	.054 13	M	11.43	11.43		
9071A	2	3	47	44	57.1	.063 11	DM0	10.10	10.10		
9071B	2	3	47	44	57.1	.063 11		13.20	13.20		
9072	2	4	21	23	13.6	.044 7	K2 III	.22	.22		IRC +20038
9073A	2	5	2	-0	51.0	.040 7	G2 V	4.91	4.91		
9073B	2	5	0	-0	49.8	.040 7		8.53	8.53		
85	2	5	56	-66	48.6	.066 14	M	12.60P	11.21		
9074	2	7	7	35	12.0	.046 12	M3	13.71P	12.27		
86	2	8	25	-51	4.1	.089 7	KO V	5.87	5.87		
87	2	9	51	3	22.0	.100 6	DM3	10.03	10.03		
9075A	2	10	14	-2	37.5	.045 8	DF9	3.94	3.94		
9075B	2	10	14	-2	37.5	.045 8	DG4	6.01	6.01		
88	2	10	27	-17	55.4	.048 11	M	10.31P	8.95		
89	2	10	42	-30	57.5	.064 11	A2N V	4.31	4.31		
90	2	11	35	67	26.5	.045 8	K2 V	5.49	5.49		
91	2	11	40	-32	16.0	.111 13	M	10.43	10.43		
9076A	2	13	16	6	23.7	.048 11	DK8	7.44J	8.18		
9076B	2	13	16	6	23.7	.048 11		8.21	8.21		
92	2	14	0	33	59.8	.097 7	GO V	4.80	4.80	SB	
9077	2	14	52	56	20.0	.047 10	DK1	7.36P	6.60		
9078	2	15	0	44	2.4	.046 14	M4	11.51	11.51		
94	2	16	0	35	7.6	.056 11	M4	13.24P	11.79		
95	2	16	44	-26	10.8	.096 15	G5 V	6.24	6.24		

TABLE 1—Continued

NAME	RADIUS SUN=1	TEMP K	F2.2	F3.4	F4.2	F5.0	F10.2	F11.8	F24.4	F58.6	F101.
WATTS/CM2/MICRON											
62	.83	4770.	1.46-16	3.40-17	1.61-17	8.52-18	5.80-19	3.31-19	1.94-20	6.04-22	6.92-23
63	.43	3324.	8.21-17	2.23-17	1.11-17	6.05-18	4.46-19	2.57-19	1.55-20	4.92-22	5.66-23
64	.02	7300.	6.96-19	1.46-19	6.65-20	3.45-20	2.21-21	1.25-21	7.15-23	2.20-24	2.51-25
65A	.14	2944.	1.22-16	3.53-17	1.79-17	9.95-18	7.59-19	4.39-19	2.69-20	8.57-22	9.89-23
65B	.14	2900.	1.07-16	3.12-17	1.59-17	8.84-18	6.78-19	3.92-19	2.40-20	7.68-22	8.86-23
9058	.66	3827.	1.54-16	3.92-17	1.90-17	1.03-17	7.31-19	4.19-19	2.50-20	7.86-22	9.03-23
9059	.87	5070.	1.77-16	4.05-17	1.90-17	1.01-17	6.78-19	3.86-19	2.25-20	7.00-22	8.02-23
66A	.79	4468.	1.62-15	3.87-16	1.84-16	9.83-17	6.78-18	3.87-18	2.28-19	7.12-21	8.16-22
66B	.78	4382.	1.52-15	3.64-16	1.74-16	9.28-17	6.42-18	3.67-18	2.16-19	6.76-21	7.75-22
67	1.00	5852.	1.36-15	2.99-16	1.39-16	7.26-17	4.79-18	2.72-18	1.57-19	4.87-21	5.56-22
9060	.70	4003.	1.22-16	3.05-17	1.47-17	7.91-18	5.57-19	3.19-19	1.89-20	5.95-22	6.83-23
68	.86	4980.	1.79-15	4.12-16	1.94-16	1.03-16	6.93-18	3.95-18	2.30-19	7.17-21	8.22-22
69	.71	4033.	2.55-16	6.33-17	3.05-17	1.64-17	1.16-18	6.61-19	3.92-20	1.23-21	1.41-22
70	.40	3282.	1.20-16	3.26-17	1.62-17	8.90-18	6.58-19	3.79-19	2.29-20	7.27-22	8.37-23
71	.87	5098.	8.22-15	1.88-15	8.82-16	4.66-16	3.14-17	1.79-17	1.04-18	3.24-20	3.71-21
72	1.10	6515.	2.15-16	4.62-17	2.12-17	1.11-17	7.19-19	4.08-19	2.34-20	7.23-22	8.26-23
73	.22	3087.	9.99-18	2.82-18	1.42-18	7.83-19	5.89-20	3.40-20	2.07-21	6.59-23	7.59-24
74	.79	4498.	8.69-17	2.07-17	9.84-18	5.25-18	3.61-19	2.06-19	1.21-20	3.79-22	4.34-23
75	.85	4959.	1.28-15	2.95-16	1.39-16	7.34-17	4.97-18	2.83-18	1.65-19	5.14-21	5.89-22
76	.71	4047.	1.45-16	3.59-17	1.73-17	9.30-18	6.54-19	3.75-19	2.22-20	6.97-22	8.00-23
77	.83	4770.	3.66-16	8.54-17	4.03-17	2.14-17	1.46-18	8.31-19	4.87-20	1.52-21	1.74-22
9061A	1.26	6918.	6.87-16	1.45-16	6.65-17	3.45-17	2.23-18	1.26-18	7.24-20	2.23-21	2.55-22
9061B	.96	5669.	2.91-16	6.46-17	3.00-17	1.58-17	1.04-18	5.93-19	3.44-20	1.07-21	1.22-22
78	.42	3321.	8.32-17	2.26-17	1.12-17	6.14-18	4.52-19	2.60-19	1.57-20	4.99-22	5.74-23
9062	2.45	6471.	3.16-15	6.79-16	3.12-16	1.63-16	1.06-17	6.01-18	3.45-19	1.07-20	1.22-21
79	.68	3912.	2.70-16	6.78-17	3.28-17	1.77-17	1.25-18	7.17-19	4.27-20	1.34-21	1.54-22
80	1.88	8861.	5.06-15	1.02-15	4.61-16	2.37-16	1.49-17	8.43-18	4.78-19	1.47-20	1.67-21
81A	2.99	5623.	5.05-15	1.12-15	5.22-16	2.74-16	1.82-17	1.03-17	5.99-19	1.86-20	2.12-21
81B	.53	3510.	6.45-17	1.70-17	8.38-18	4.56-18	3.32-19	1.91-19	1.14-20	3.62-22	4.16-23
9063	.97	5691.	4.00-16	8.86-17	4.12-17	2.16-17	1.43-18	8.13-19	4.70-20	1.46-21	1.67-22
9064	.74	4160.	1.60-16	3.94-17	1.89-17	1.01-17	7.08-19	4.05-19	2.40-20	7.51-22	8.62-23
9065	.99	5794.	5.02-16	1.11-16	5.14-17	2.69-17	1.78-18	1.01-18	5.84-20	1.81-21	2.07-22
82	.36	3229.	4.96-17	1.37-17	6.81-18	3.74-18	2.78-19	1.60-19	9.71-21	3.82-22	3.55-23
83	2.12	9408.	3.65-15	7.33-16	3.29-16	1.69-16	1.06-17	5.97-18	3.38-19	1.03-20	1.18-21
9066	.20	3061.	9.28-17	2.64-17	1.33-17	7.33-18	5.53-19	3.19-19	1.95-20	6.19-22	7.14-23
9067A	.65	3812.	6.40-17	1.63-17	7.91-18	4.27-18	3.04-19	1.74-19	1.04-20	3.27-22	3.76-23
9067B	.46	3369.	2.37-17	6.39-18	3.16-18	1.73-18	1.27-19	7.31-20	4.41-21	1.40-22	1.61-23
9068	.52	3476.	2.98-17	7.90-18	3.89-18	2.12-18	1.55-19	8.88-20	5.34-21	1.69-22	1.94-23
9069A	.86	5049.	2.60-16	5.96-17	2.80-17	1.48-17	9.98-19	5.68-19	3.31-20	1.03-21	1.18-22
9069B	.38	3250.	2.02-17	5.54-18	2.76-18	1.51-18	1.12-19	6.47-20	3.92-21	1.24-22	1.43-23
84	.47	3386.	1.77-16	4.75-17	2.35-17	1.28-17	9.41-19	5.41-19	3.26-20	1.03-21	1.19-22
9070A	.51	3458.	4.92-17	1.31-17	6.45-18	3.52-18	2.57-19	1.48-19	8.88-21	2.81-22	3.23-23
9070B	.38	3257.	2.42-17	6.65-18	3.31-18	1.82-18	1.35-19	7.76-20	4.69-21	1.49-22	1.71-23
9071A	.50	3448.	6.52-17	1.74-17	8.56-18	4.67-18	3.41-19	1.96-19	1.18-20	3.73-22	4.29-23
9071B	.24	3112.	1.22-17	3.42-18	1.71-18	9.46-19	7.10-20	4.10-20	2.49-21	7.93-23	9.13-24
9072	22.23	4450.	1.05-13	2.52-14	1.20-14	6.40-15	4.41-16	2.52-16	1.48-17	4.64-19	5.32-20
9073A	.97	5691.	2.56-16	5.67-17	2.63-17	1.38-17	9.15-19	5.20-19	3.01-20	9.33-22	1.07-22
9073B	.67	3863.	5.94-17	1.50-17	7.28-18	3.93-18	2.79-19	1.60-19	9.52-21	3.00-22	3.44-23
85	.40	3285.	4.05-17	1.10-17	5.49-18	3.01-18	2.23-19	1.28-19	7.75-21	2.46-22	2.83-23
9074	.32	3179.	1.15-17	3.20-18	1.60-18	8.80-19	6.57-20	3.79-20	2.30-21	7.30-23	8.41-24
86	.86	4987.	7.92-16	1.82-16	8.58-17	4.54-17	3.07-18	1.75-18	1.02-19	3.18-21	3.64-22
87	.51	3461.	1.71-16	4.53-17	2.23-17	1.22-17	8.89-19	5.11-19	3.07-20	9.72-22	1.12-22
9075A	1.06	6289.	4.62-16	9.99-17	4.61-17	2.40-17	1.57-18	8.91-19	5.13-20	1.58-21	1.81-22
9075B	.85	4891.	1.90-16	4.41-17	2.08-17	1.10-17	7.47-19	4.25-19	2.49-20	7.75-22	8.87-23
88	.64	3770.	7.39-17	1.89-17	9.18-18	4.97-18	3.55-19	2.03-19	1.21-20	3.82-22	4.39-23
89	1.04	6085.	8.42-16	1.83-16	8.48-17	4.43-17	2.91-18	1.65-18	9.51-20	2.94-21	3.36-22
90	.89	5255.	2.41-16	5.45-17	2.55-17	1.35-17	9.02-19	5.13-19	2.98-20	9.27-22	1.06-22
91	.47	3391.	1.70-16	4.57-17	2.26-17	1.23-17	9.05-19	5.20-19	3.14-20	9.93-22	1.14-22
9076A	.68	3940.	9.28-17	2.33-17	1.12-17	6.06-18	4.29-19	2.45-19	1.46-20	4.58-22	5.26-23
9076B	.68	3932.	9.20-17	2.31-17	1.12-17	6.02-18	4.26-19	2.44-19	1.45-20	4.56-22	5.23-23
92	.98	5762.	1.58-15	3.50-16	1.62-16	8.51-17	5.63-18	3.20-18	1.85-19	5.73-21	6.55-22
9077	.80	4510.	1.58-16	3.76-17	1.79-17	9.53-18	6.56-19	3.74-19	2.20-20	6.88-22	7.89-23
9078	.38	3248.	1.69-17	4.64-18	2.31-18	1.27-18	9.42-20	5.43-20	3.28-21	1.04-22	1.20-23
94	.35	3217.	2.18-17	6.02-18	3.00-18	1.65-18	1.23-19	7.08-20	4.29-21	1.36-22	1.57-23
95	.83	4738.	7.80-16	1.82-16	8.63-17	4.58-17	3.12-18	1.78-18	1.04-19	3.25-21	3.73-22

TABLE 1—Continued

NAME	RA (1950)			DEC (1950)		PARALLAX	SPEC CLASS		ABS MAG	ABS MAG	NOTES	MIRC
	H	M	S	DEG	ARC MIN							
96	2	18	57	47	39.0	.095 10	DM2		9.30	9.30		
9079	2	19	11	-31	9.7	.042 7	K3 V		6.93	6.93		
97	2	20	15	-24	2.5	.076 17	G1 V		4.59	4.59		
9080	2	20	51	-68	53.1	.048 11	A2 V		2.50	2.50		
9081	2	22	43	28	32.0	.040 5	DK8		7.08	7.08		
9082	2	23	23	5	33.1	.044 12	G5		6.42	6.42		
98A	2	25	9	4	12.2	.064 4	DM2	MS	7.72J	8.42		
98B	2	25	9	4	12.2	.064 4			8.53	8.53		
100	2	26	41	-20	12.3	.040 13	K4 V		6.80	6.80		
101	2	27	45	57	9.3	.068 11	M5		14.16P	12.66		
9083	2	28	55	2	2.8	.040 11	K3 III		3.23	3.28		IRC 00033
102	2	30	44	24	43.0	.133 12	M6		15.22P	13.61		
103	2	32	28	-44	.7	.082 12	K7E V		8.42V	8.42	SB EB	
9085	2	32	49	-3	46.3	.041 7	G5 IV		4.88	4.88		
104	2	33	4	20	.3	.056 13	DM2		11.44P	10.03		
105A	2	33	20	6	39.0	.144 4	K3 V		6.61	6.61	D	
105B	2	33	31	6	38.0	.144 4	M4		12.44	12.44		
9086	2	34	6	-47	52.9	.044 12	G0		10.72P	10.24		
9087	2	34	9	-3	22.4	.044 12	K0		6.32	6.32		
9088	2	34	54	-34	47.5	.055 7	G5 IV		4.48	4.48		
9089	2	35	31	30	36.4	.040 10	G1 V		5.36	5.36		
9090	2	36	56	-26	31.7	.048 12	G2 VI		7.18	7.18		
9091A	2	37	9	-12	5.0	.069 5	F5 IV		4.02J	4.76		
9091B	2	37	9	-12	5.0	.069 5			4.79	4.79		
9092A	2	37	18	-0	3.9	.043 12	DG4		6.00J	6.45		
9092B	2	37	18	-0	3.9	.043 12			7.17	7.17		
9093	2	38	7	0	58.9	.042	DMOP		7.61	7.61		
9094	2	38	28	-30	21.0	.042 8	G0 V		6.14	6.14		
9095	2	39	5	39	59.0	.040 7	F9 V		2.94	2.94	SB	
9096	2	39	34	48	45.3	.040 16	DK8		7.83	7.83		
9097	2	39	54	3	9.8	.040 5	K5		8.21	8.21		
106	2	40	30	19	13.1	.055 10	DK4		6.97	6.97		
9098A	2	40	42	3	1.5	.050 4	A2 V		1.95J	2.04		
9098B	2	40	42	3	1.5	.050 4	F7		4.69	4.69		
107A	2	40	46	49	1.0	.079 5	F7 V		3.62	3.62	IRC +50072	
107B	2	40	46	49	1.0	.079 5	DM2		9.39	9.39	IRC +50072	
108	2	40	51	-51	.8	.070 6	G3 IV		4.64	4.64		
109	2	41	18	25	19.0	.125 6	DM4		11.06	11.06		
9099	2	42	14	9	54.3	.043 10	F0 IV		2.43	2.43	SB	
111	2	42	46	-18	47.0	.073 12	F6 V		3.78	3.78		
112	2	43	20	25	26.5	.074 14	K1 IV		7.35	7.35		
9100	2	43	34	11	34.0	.055 11	DK8		8.10	8.10		
113	2	45	12	26	51.6	.079 12	K1 V		7.11	7.11		
9101	2	45	40	-11	58.0	.040 5	DM0		8.61	8.61		
9102	2	45	42	30	54.5	.047 11	G9		5.46	5.46		
114	2	47	49	15	30.5	.059 21	DK6		7.75	7.75		
9103	2	48	33	-53	21.5	.045 8			9.27	9.27		
115	2	48	52	-44	17.0	.063 12	F8 V		7.17	7.17		
116	2	48	58	34	11.8	.066 6	DM0		8.70	8.70		
117	2	50	7	-12	58.3	.127 6	K0 V		6.57	6.57		
118	2	51	14	-63	53.5	.082 13	M		11.97P	10.54		
9104A	2	52	0	-36	6.3	.048 7	K3 V		6.62	6.62	SB	
9104B	2	52	0	-36	6.3	.048 7	M4		10.91	10.91		
9105A	2	52	41	26	40.4	.047 12	DK2		5.96	5.96		
9105B	2	52	41	26	40.4	.047 12	DM0		8.16	8.16		
9105C	2	52	38	26	40.3	.047 12	M		12.22	12.22		
119A	2	52	50	55	14.5	.060 11	M1		9.29	9.29		
119B	2	52	50	55	14.7	.060 11	M3		10.79	10.79		
9106	2	53	27	13	42.8	.040 12	K0		7.41	7.41		
120	2	54	43	10	35.8	.056 12	DM4		10.74	10.74		
9107	2	59	28	-28	16.9	.040 7	G5 IV		3.89	3.89		
121	3	0	11	-23	49.1	.058 9	A5 V		2.91	2.91		
9109	3	1	9	-5	51.9	.046 8	DG5		6.38	6.38		
122	3	3	15	75	51.8	.051 7	DM0		8.30	8.30		
123	3	3	50	1	47.0	.063 5	M0 V		8.09	8.09		

TABLE 1—Continued

NAME	RADIUS SUN=1	TEMP K	F2.2	F3.4	F4.2	F5.0	F10.2	F11.8	F24.4	F58.6	F101.
WATTS/CM2/MICRON											
96	.59	3672.	2.37-16	6.13-17	2.99-17	1.62-17	1.17-18	6.69-19	4.00-20	1.26-21	1.45-22
9079	.77	4322.	1.09-16	2.63-17	1.26-17	6.71-18	4.66-19	2.66-19	1.57-20	4.91-22	5.63-23
97	1.01	5898.	1.07-15	2.35-16	1.09-16	5.70-17	3.76-18	2.13-18	1.23-19	3.82-21	4.36-22
9080	1.35	7621.	1.14-15	2.36-16	1.07-16	5.56-17	3.55-18	2.01-18	1.14-19	3.52-21	4.02-22
9081	.76	4247.	9.24-17	2.25-17	1.08-17	5.76-18	4.01-19	2.29-19	1.35-20	4.24-22	4.87-23
9082	.81	4621.	1.51-16	3.55-17	1.69-17	8.96-18	6.14-19	3.50-19	2.06-20	6.42-22	7.35-23
98A	.67	3887.	1.56-16	3.94-17	1.91-17	1.03-17	7.30-19	4.18-19	2.49-20	7.82-22	8.98-23
98B	.67	3863.	1.52-16	3.85-17	1.86-17	1.01-17	7.15-19	4.10-19	2.44-20	7.67-22	8.81-23
100	.78	4393.	1.05-16	2.51-17	1.20-17	6.39-18	4.42-19	2.53-19	1.49-20	4.65-22	5.34-23
101	.28	3151.	1.96-17	5.48-18	2.74-18	1.51-18	1.13-19	6.51-20	3.96-21	1.26-22	1.45-23
9083	6.04	4270.	5.94-15	1.44-15	6.90-16	3.69-16	2.57-17	1.47-17	8.66-19	2.71-20	3.11-21
102	.22	3082.	4.31-17	1.22-17	6.12-18	3.38-18	2.54-19	1.47-19	8.94-21	2.84-22	3.28-23
103	.67	3886.	2.95-16	7.44-17	3.60-17	1.94-17	1.38-18	7.90-19	4.70-20	1.48-21	1.70-22
9085	1.01	5623.	2.87-16	6.38-17	2.97-17	1.56-17	1.03-18	5.87-19	3.40-20	1.05-21	1.21-22
104	.51	3461.	5.35-17	1.42-17	7.01-18	3.82-18	2.79-19	1.60-19	9.64-21	3.05-22	3.51-23
105A	.80	4504.	1.48-15	3.52-16	1.67-16	8.91-17	6.14-18	3.50-18	2.06-19	6.44-21	7.38-22
105B	.30	3167.	1.01-16	2.83-17	1.41-17	7.78-18	5.81-19	3.35-19	2.03-20	6.47-22	7.45-23
9086	.49	3422.	2.95-17	7.89-18	3.89-18	2.13-18	1.56-19	8.95-20	5.39-21	1.70-22	1.96-23
9087	.82	4685.	1.58-16	3.71-17	1.75-17	9.32-18	6.37-19	3.63-19	2.13-20	6.65-22	7.61-23
9088	1.21	5623.	7.47-16	1.66-16	7.72-17	4.05-17	2.69-18	1.53-18	8.85-20	2.74-21	3.14-22
9089	.91	5351.	2.03-16	4.58-17	2.14-17	1.13-17	7.54-19	4.29-19	2.49-20	7.74-22	8.85-23
9090	.32	5808.	4.17-17	9.19-18	4.26-18	2.24-18	1.48-19	8.38-20	4.85-21	1.50-22	1.72-23
9091A	.62	6561.	3.94-16	8.43-17	3.87-17	2.02-17	1.31-18	7.43-19	4.27-20	1.34-21	1.50-22
9091B	.98	5769.	8.05-16	1.78-16	8.25-17	4.33-17	2.86-18	1.62-18	9.39-20	2.91-21	3.33-22
9092A	.81	4601.	1.42-16	3.35-17	1.59-17	8.45-18	5.80-19	3.31-19	1.94-20	6.06-22	6.95-23
9092B	.75	4208.	1.03-16	2.51-17	1.21-17	6.46-18	4.50-19	2.58-19	1.52-20	4.77-22	5.47-23
9093	.72	4073.	8.44-17	2.09-17	1.00-17	5.40-18	3.79-19	2.17-19	1.29-20	4.03-22	4.63-23
9094	.84	4804.	1.56-16	3.64-17	1.72-17	9.12-18	6.20-19	3.54-19	2.07-20	6.45-22	7.39-23
9095	1.20	7015.	5.51-16	1.16-16	5.32-17	2.76-17	1.78-18	1.01-18	5.77-20	1.78-21	2.03-22
9096	.70	4021.	7.15-17	1.78-17	8.56-18	4.61-18	3.24-19	1.86-19	1.10-20	3.46-22	3.97-23
9097	.68	3932.	6.39-17	1.60-17	7.75-18	4.18-18	2.96-19	1.69-19	1.01-20	3.16-22	3.63-23
106	.77	4301.	1.83-16	4.43-17	2.12-17	1.13-17	7.87-19	4.50-19	2.65-20	8.31-22	9.53-23
9098A	1.72	8426.	2.31-15	4.72-16	2.13-16	1.10-16	6.95-18	3.93-18	2.23-19	6.85-21	7.81-22
9098B	1.00	5833.	4.43-16	9.75-17	4.52-17	2.37-17	1.56-18	8.87-19	5.13-20	1.59-21	1.82-22
107A	1.09	6501.	1.59-15	3.40-16	1.56-16	8.15-17	5.30-18	3.00-18	1.73-19	5.33-21	6.09-22
107B	.58	3643.	1.55-16	4.03-17	1.97-17	1.07-17	7.69-19	4.42-19	2.64-20	8.34-22	9.58-23
108	1.04	5794.	9.34-16	2.06-16	9.56-17	5.01-17	3.31-18	1.88-18	1.09-19	3.37-21	3.85-22
109	.41	3304.	1.57-16	4.26-17	2.12-17	1.16-17	8.56-19	4.93-19	2.98-20	9.44-22	1.09-22
9099	1.49	7244.	1.04-15	2.17-16	9.91-17	5.14-17	3.30-18	1.87-18	1.07-19	3.29-21	3.75-22
111	1.08	6394.	1.28-15	2.77-16	1.27-16	6.64-17	4.33-18	2.45-18	1.41-19	4.36-21	4.98-22
112	.79	4610.	4.00-16	9.45-17	4.48-17	2.38-17	1.63-18	9.32-19	5.47-20	1.71-21	1.96-22
9100	.69	3957.	1.24-16	3.11-17	1.50-17	8.09-18	5.72-19	3.27-19	1.95-20	6.11-22	7.02-23
113	.76	4233.	3.56-16	8.67-17	4.15-17	2.22-17	1.55-18	8.86-19	5.23-20	1.64-21	1.88-22
9101	.66	3846.	5.82-17	1.47-17	7.15-18	3.86-18	2.75-19	1.57-19	9.37-21	2.95-22	3.39-23
9102	.90	5277.	2.67-16	6.03-17	2.82-17	1.49-17	9.96-19	5.67-19	3.30-20	1.02-21	1.17-22
114	.71	4040.	1.59-16	3.95-17	1.91-17	1.02-17	7.21-19	4.12-19	2.45-20	7.68-22	8.81-23
9103	.60	3681.	5.41-17	1.40-17	6.82-18	3.70-18	2.66-19	1.52-19	9.12-21	2.87-22	3.30-23
115	.75	4208.	2.21-16	5.40-17	2.59-17	1.39-17	9.67-19	5.53-19	3.27-20	1.02-21	1.17-22
116	.66	3827.	1.54-16	3.92-17	1.90-17	1.03-17	7.31-19	4.19-19	2.50-20	7.86-22	9.03-23
117	.80	4528.	1.17-15	2.78-16	1.32-16	7.04-17	4.84-18	2.76-18	1.62-19	5.08-21	5.82-22
118	.46	3374.	8.76-17	2.36-17	1.17-17	6.38-18	4.69-19	2.70-19	1.63-20	5.15-22	5.93-23
9104A	.79	4498.	1.63-16	3.89-17	1.85-17	9.87-18	6.79-19	3.88-19	2.28-20	7.13-22	8.17-23
9104B	.42	3323.	2.49-17	6.75-18	3.35-18	1.83-18	1.35-19	7.79-20	4.70-21	1.49-22	1.72-23
9105A	.85	4925.	2.12-16	4.91-17	2.31-17	1.22-17	8.29-19	4.73-19	2.76-20	8.60-22	9.85-23
9105B	.68	3943.	8.93-17	2.24-17	1.08-17	5.83-18	4.12-19	2.36-19	1.40-20	4.41-22	5.06-23
9105C	.32	3183.	1.24-17	3.44-18	1.72-18	9.45-19	7.05-20	4.06-20	2.47-21	7.83-23	9.02-24
119A	.59	3675.	9.51-17	2.46-17	1.20-17	6.50-18	4.67-19	2.68-19	1.60-20	5.06-22	5.81-23
119B	.44	3338.	4.13-17	1.12-17	5.54-18	3.03-18	2.23-19	1.29-19	7.76-21	2.46-22	2.83-23
9106	.73	4126.	8.17-17	2.01-17	9.66-18	5.18-18	3.63-19	2.08-19	1.23-20	3.86-22	4.42-23
120	.44	3345.	3.69-17	9.98-18	4.94-18	2.71-18	1.99-19	1.15-19	6.92-21	2.19-22	2.52-23
9107	1.59	5623.	6.80-16	1.51-16	7.03-17	3.69-17	2.45-18	1.39-18	8.06-20	2.50-21	2.86-22
121	1.21	7063.	1.20-15	2.52-16	1.15-16	5.97-17	3.85-18	2.18-18	1.25-19	3.84-21	4.38-22
9109	.81	4647.	1.68-16	3.95-17	1.87-17	9.95-18	6.81-19	3.89-19	2.28-20	7.11-22	8.15-23
122	.68	3912.	1.02-16	2.56-17	1.24-17	6.67-18	4.73-19	2.71-19	1.61-20	5.06-22	5.81-23
123	.69	3959.	1.63-16	4.09-17	1.98-17	1.06-17	7.52-19	4.31-19	2.56-20	8.04-22	9.23-23

TABLE 1—Continued

NAME	RA (1950)			DEC (1950)		PARALLAX		SPEC CLASS		ABS MAG	ABS MAG	NOTES	MIRC
	H	M	S	DEG	ARC MIN	ARC SEC							
9110	3	4	54	40	45.9	.040	4	B8	V	.15V	.15	ST	IRC +40055
124	3	5	27	49	25.4	.086	6	G4	V	3.72	3.72		IRC +50086
125	3	6	9	45	32.9	.075	7	DM3		9.48	9.48		
126	3	9	33	-46	42.6	.076	11	K4		11.90P	10.93		
127A	3	9	57	-29	11.0	.074	6	F8	IV	3.20J	3.30		IRC -30028
127B	3	9	57	-29	11.0	.074	6			5.85V	5.85		IRC -30028
128A	3	10	13	-1	22.9	.049	7	F8	V	3.51J	3.51		
128B	3	10	13	-1	22.9	.049	7			9.95	9.95		
129	3	10	29	18	39.4	.055	12	SDM0		13.02	13.02	SB	
130	3	10	30	-38	17.2	.076	27	M5		11.40P	9.90		
9111	3	10	57	52	10.0	.042	9	DM0		8.22	8.22		
9112	3	12	4	8	48.0	.042	4	K1	V	5.95	5.95		
9113A	3	12	17	57	59.3	.045	10	DM2		9.77	9.77		
9113B	3	12	18	57	59.3	.045	10	DM2		9.87	9.87		
131	3	12	35	-26	38.0	.055	8	K7	V	7.83	7.83		
132	3	13	25	-45	51.0	.040	5	G3	V	4.80	4.80		
133	3	13	56	79	46.9	.091	9	M2		11.10	11.10		
134	3	14	52	38	4.6	.067	11	DM2		9.39	9.39		
135	3	16	30	-3	1.4	.065	14	DG2		6.08	6.08		
136	3	16	41	-62	46.0	.089	11	G2	V	5.29	5.29		
137	3	16	44	3	11.2	.107	6	G5	V	4.99	4.99		
138	3	17	7	-62	41.8	.089	8	G1	V	4.98	4.98		
9114A	3	17	54	8	51.3	.049	10	DG0		6.90	6.90		
139	3	17	56	-43	15.6	.161	8	G5	V	5.29	5.29		
140A	3	21	9	23	36.5	.056	5	DM0		9.10	9.10		
9115A	3	21	44	-50	10.2	.052	11	K5	V	6.93J	7.20		
9115B	3	21	43	-50	10.5	.052	11	K		8.58	8.58		
141	3	22	32	-5	31.7	.065	7	K5	V	6.91	6.91		
9116	3	24	7	-30	47.6	.054	13	G8	V	6.53	6.53		
142	3	25	36	-19	58.9	.071	8	K7	V	7.64	7.64		
143	3	26	8	-63	40.0	.065	9	K5	V	7.15	7.15		
9117	3	26	57	-11	50.6	.055	13	DM0		8.80	8.80		
9118A	3	28	30	-63	6.8	.057	7	F5	V	3.49	3.49		
9118B	3	28	30	-63	6.8	.057	7	M		9.48	9.48		
144	3	30	34	-9	37.5	.302	3	K2	V	6.13	6.13	IRC	-10048
145	3	31	17	-44	52.3	.084	13	M4		12.52P	11.07		
146	3	33	26	-48	35.3	.089	9	K7	V	8.32	8.32		
147	3	34	19	0	14.7	.061	5	F8	V	3.21	3.21	IRC	00047
9119A	3	36	40	33	18.7	.042	5	DK5		7.20	7.20		
9119B	3	36	40	33	18.7	.042	5			10.92	10.92		
9121	3	37	49	-3	22.5	.047	6	F9	V	5.04	5.04		
148	3	38	34	3	27.2	.036		DM0P		7.40	7.40		
149	3	40	36	-24	37.1	.060	12	K4		8.06	8.06		
150	3	40	51	-9	55.9	.111	4	K0	IV	3.77	3.77	IRC	-10050
9122A	3	41	2	16	31.0	.052	10	DM2		8.58	8.58		
9122B	3	40	55	16	30.7	.052	10	DM1		9.28	9.28		
9123	3	41	16	45	52.8	.049	11	K0		6.85	6.85		
9124	3	41	17	24	38.5	.044	11	F8		9.02	9.02		
9125	3	41	17	24	37.5	.048	13	G0		9.41	9.41		
9126	3	41	21	24	43.0	.051	13	K2		7.74	7.74		
9127	3	41	23	24	36.5	.046	11	G3		9.51	9.51		
9128	3	42	5	11	45.6	.045	5	DK8		7.42	7.42		
152	3	42	18	-38	26.5	.065	13	K0	V	6.05	6.05		
153A	3	43	4	68	30.9	.052	4	DM0		7.84	7.84		
153B	3	43	4	68	30.9	.052	4	M2	MS	9.18J	9.73		
153C	3	43	4	68	30.9	.052	4			10.18	10.18		
154	3	43	18	26	3.8	.087	13	DK7		9.27	9.27		
9129	3	43	34	-64	57.8	.049	11	K0	IV	2.29	2.29	SB	
9130A	3	43	37	41	17.4	.042	5	K1	V	6.26	6.26		
9130B	3	43	37	41	17.4	.042	5	K2	V	6.86	6.86		
9131	3	44	6	23	50.5	.048	13	A9	V	6.81	6.81		
155	3	44	42	-23	23.7	.057	7	F3	V	3.01	3.01		
9132	3	45	8	23	59.4	.045	10	F6	V	7.77P	7.41		
9133	3	45	23	2	38.5	.050	6	DM1		8.99	8.99		
9134	3	47	24	-64	59.4	.043	12	G5	V	6.02	6.02		

TABLE 1—Continued

NAME	RADIUS SUN=1	TEMP K	F2.2	F3.4	F4.2	F5.0	F10.2	F11.8	F24.4	F58.6	F101.
WATTS/CM2/MICRON											
9110	2.84	11410.	6.15-15	1.20-15	5.36-16	2.74-16	1.69-17	9.51-18	5.35-19	1.63-20	1.86-21
124	1.08	6437.	1.82-15	3.91-16	1.80-16	9.38-17	6.11-18	3.46-18	1.99-19	6.15-21	7.03-22
125	.57	3613.	1.32-16	3.45-17	1.69-17	9.16-18	6.61-19	3.80-19	2.27-20	7.18-22	8.25-23
126	.42	3320.	6.17-17	1.68-17	8.32-18	4.56-18	3.36-19	1.93-19	1.17-20	3.70-22	4.26-23
127A	1.46	6252.	2.34-15	5.06-16	2.33-16	1.22-16	7.97-18	4.52-18	2.60-19	8.04-21	9.19-22
127B	.86	5000.	5.52-16	1.27-16	5.97-17	3.16-17	2.14-18	1.22-18	7.10-20	2.21-21	2.53-22
128A	1.10	6554.	6.29-16	1.35-16	6.18-17	3.22-17	2.09-18	1.19-18	6.82-20	2.10-21	2.40-22
128B	.52	3478.	4.28-17	1.13-17	5.59-18	3.05-18	2.22-19	1.28-19	7.67-21	2.42-22	2.79-23
129	.09	3758.	1.85-18	4.74-19	2.30-19	1.25-19	8.91-21	5.11-21	3.05-22	9.61-24	1.10-24
130	.52	3489.	1.06-16	2.80-17	1.38-17	7.52-18	5.47-19	3.14-19	1.89-20	5.97-22	6.87-23
9111	.68	3930.	7.03-17	1.76-17	8.53-18	4.60-18	3.25-19	1.86-19	1.11-20	3.48-22	4.00-23
9112	.85	4932.	1.70-16	3.94-17	1.85-17	9.81-18	6.65-19	3.79-19	2.21-20	6.89-22	7.89-23
9113A	.54	3523.	4.00-17	1.05-17	5.18-18	2.82-18	2.05-19	1.18-19	7.07-21	2.23-22	2.57-23
9113B	.53	3497.	3.77-17	9.99-18	4.91-18	2.68-18	1.95-19	1.12-19	6.72-21	2.12-22	2.44-23
131	.70	4021.	1.35-16	3.36-17	1.62-17	8.71-18	6.13-19	3.51-19	2.08-20	6.54-22	7.51-23
132	.98	5762.	2.69-16	5.95-17	2.76-17	1.45-17	9.57-19	5.43-19	3.14-20	9.74-22	1.11-22
133	.41	3299.	8.13-17	2.21-17	1.10-17	6.03-18	4.45-19	2.56-19	1.55-20	4.91-22	5.66-23
134	.58	3643.	1.12-16	2.90-17	1.42-17	7.68-18	5.53-19	3.18-19	1.90-20	6.00-22	6.89-23
135	.84	4844.	3.85-16	8.94-17	4.22-17	2.24-17	1.52-18	8.65-19	5.06-20	1.58-21	1.81-22
136	.92	5403.	1.04-15	2.35-16	1.09-16	5.76-17	3.85-18	2.19-18	1.27-19	3.94-21	4.51-22
137	.96	5631.	1.76-15	3.91-16	1.82-16	9.54-17	6.33-18	3.60-18	2.08-19	6.46-21	7.39-22
138	.96	5639.	1.22-15	2.72-16	1.26-16	6.63-17	4.40-18	2.50-18	1.45-19	4.49-21	5.13-22
9114A	.77	4338.	1.50-16	3.62-17	1.73-17	9.24-18	6.40-19	3.66-19	2.16-20	6.75-22	7.74-23
139	.92	5403.	3.42-15	7.68-16	3.58-16	1.89-16	1.26-17	7.16-18	4.16-19	1.29-20	1.48-21
140A	.62	3732.	9.26-17	2.38-17	1.16-17	6.27-18	4.49-19	2.57-19	1.54-20	4.84-22	5.57-23
9115A	.75	4197.	1.49-16	3.64-17	1.75-17	9.35-18	6.53-19	3.73-19	2.21-20	6.92-22	7.94-23
9115B	.67	3853.	9.92-17	2.51-17	1.22-17	6.57-18	4.67-19	2.68-19	1.59-20	5.01-22	5.76-23
141	.77	4333.	2.63-16	6.34-17	3.03-17	1.62-17	1.12-18	6.42-19	3.78-20	1.18-21	1.36-22
9116	.80	4553.	2.16-16	5.11-17	2.43-17	1.29-17	8.88-19	5.07-19	2.98-20	9.30-22	1.07-22
142	.72	4065.	2.39-16	5.91-17	2.85-17	1.53-17	1.07-18	6.15-19	3.64-20	1.14-21	1.31-22
143	.75	4216.	2.37-16	5.79-17	2.77-17	1.49-17	1.04-18	5.92-19	3.50-20	1.10-21	1.26-22
9117	.65	3805.	1.04-16	2.64-17	1.28-17	6.92-18	4.93-19	2.83-19	1.69-20	5.31-22	6.10-23
9118A	1.10	6568.	8.57-16	1.83-16	8.42-17	4.39-17	2.85-18	1.61-18	9.28-20	2.86-21	3.27-22
9118B	.57	3613.	7.65-17	1.99-17	9.75-18	5.29-18	3.82-19	2.19-19	1.31-20	4.15-22	4.77-23
144	.84	4810.	8.12-15	1.89-15	8.92-16	4.73-16	3.22-17	1.83-17	1.07-18	3.35-20	3.83-21
145	.41	3303.	7.03-17	1.91-17	9.51-18	5.21-18	3.85-19	2.22-19	1.34-20	4.24-22	4.89-23
146	.68	3908.	3.09-16	7.76-17	3.76-17	2.03-17	1.43-18	8.22-19	4.89-20	1.54-21	1.77-22
147	1.14	6741.	1.09-15	2.32-16	1.07-16	5.54-17	3.59-18	2.03-18	1.17-19	3.60-21	4.11-22
9119A	.75	4196.	9.71-17	2.37-17	1.14-17	6.10-18	4.26-19	2.43-19	1.44-20	4.51-22	5.17-23
9119B	.42	3321.	1.90-17	5.15-18	2.55-18	1.40-18	1.03-19	5.93-20	3.58-21	1.14-22	1.31-23
9121	.95	5592.	3.31-16	7.37-17	3.43-17	1.80-17	1.20-18	6.79-19	3.94-20	1.22-21	1.40-22
148	.73	4129.	6.64-17	1.63-17	7.85-18	4.21-18	2.95-19	1.69-19	9.99-21	3.13-22	3.59-23
149	.69	3967.	1.50-16	3.74-17	1.81-17	9.72-18	6.87-19	3.93-19	2.34-20	7.34-22	8.43-23
150	3.86	4790.	2.32-14	5.41-15	2.56-15	1.36-15	9.23-17	5.26-17	3.08-18	9.60-20	1.10-20
9122A	.67	3853.	9.92-17	2.51-17	1.22-17	6.57-18	4.67-19	2.68-19	1.59-20	5.01-22	5.76-23
9122B	.60	3678.	7.18-17	1.86-17	9.06-18	4.91-18	3.53-19	2.03-19	1.21-20	3.82-22	4.39-23
9123	.78	4366.	1.53-16	3.69-17	1.76-17	9.41-18	6.52-19	3.72-19	2.19-20	6.87-22	7.87-23
9124	.63	3753.	5.98-17	1.53-17	7.45-18	4.03-18	2.88-19	1.65-19	9.87-21	3.11-22	3.57-23
9125	.58	3636.	5.66-17	1.47-17	7.19-18	3.90-18	2.81-19	1.61-19	9.66-21	3.05-22	3.50-23
9126	.71	4042.	1.19-16	2.96-17	1.43-17	7.67-18	5.40-19	3.09-19	1.83-20	5.75-22	6.60-23
9127	.57	3603.	4.89-17	1.28-17	6.24-18	3.39-18	2.45-19	1.41-19	8.43-21	2.66-22	3.06-23
9128	.73	4123.	1.03-16	2.54-17	1.22-17	6.54-18	4.58-19	2.62-19	1.55-20	4.87-22	5.58-23
152	.84	4864.	3.90-16	9.05-17	4.27-17	2.26-17	1.54-18	8.75-19	5.12-20	1.14-21	1.31-22
153A	.70	4019.	1.20-16	2.99-17	1.44-17	7.76-18	5.47-19	3.13-19	1.86-20	5.83-22	6.69-23
153B	.54	3535.	5.47-17	1.44-17	7.07-18	3.85-18	2.79-19	1.60-19	9.63-21	3.04-22	3.50-23
153C	.49	3433.	4.26-17	1.14-17	5.60-18	3.06-18	2.24-19	1.29-19	7.74-21	2.45-22	2.82-23
154	.60	3681.	2.02-16	5.22-17	2.55-17	1.38-17	9.93-19	5.70-19	3.41-20	1.07-21	1.23-22
9129	7.63	4790.	1.77-14	4.12-15	1.95-15	1.03-15	7.03-17	4.01-17	2.35-18	7.31-20	8.38-21
9130A	.82	4724.	1.48-16	3.46-17	1.64-17	8.70-18	5.93-19	3.38-19	1.98-20	6.18-22	7.08-23
9130B	.77	4360.	1.12-16	2.70-17	1.29-17	6.89-18	4.77-19	2.73-19	1.61-20	5.03-22	5.77-23
9131	.78	4388.	1.50-16	3.60-17	1.72-17	9.17-18	6.34-19	3.62-19	2.13-20	6.68-22	7.66-23
155	1.17	6903.	1.04-15	2.20-16	1.01-16	5.24-17	3.38-18	1.92-18	1.10-19	3.38-21	3.86-22
9132	.73	4126.	1.03-16	2.54-17	1.22-17	6.56-18	4.59-19	2.63-19	1.56-20	4.88-22	5.60-23
9133	.63	3761.	7.85-17	2.01-17	9.77-18	5.29-18	3.78-19	2.17-19	1.29-20	4.07-22	4.68-23
9134	.85	4884.	1.73-16	4.01-17	1.89-17	1.00-17	6.79-19	3.87-19	2.26-20	7.05-22	8.07-23

TABLE 1—Continued

NAME	RA (1950)			DEC (1950)		PARALLAX		SPEC CLASS	ABS MAG	ABS MAG	NOTES	MIRC
	H	M	S	DEG	ARCMIN	ARCSEC						
9135	3	48	4	23	45.1	.044	16	DK6	9.62P	8.51		
9136	3	50	44	61	1.4	.046	6	KO V	6.16	6.16		
9137	3	51	31	-37	11.8	.054	8	K	11.46P	10.08		
156	3	52	9	-6	58.8	.076	7	DMO	8.44	8.44		
9138	3	52	55	53	25.2	.054	10	DMO	9.52	9.52		
9139	3	54	49	76	1.5	.050	4	K4 V	6.75	6.75		
157A	3	54	57	-1	18.0	.102	12	DK5	8.10	8.10		
157B	3	54	57	-1	18.0	.102	12	DM3E	11.52	11.52	SE	
9140	3	56	49	25	57.0	.053	8	DM5	12.62P	11.12		
158	3	59	53	35	9.2	.052	4	K1 V	7.10	7.10		
159	4	0	3	-0	24.2	.055	5	F6 V	4.08	4.08		
9142	4	1	57	0	6.8	.040	7	G8	6.34	6.34		
160	4	2	22	21	52.5	.069	5	DG1	5.09	5.09		
9143	4	3	34	-27	47.1	.043	9	F0 V	3.74	3.74		
9144	4	4	23	-20	58.5	.052	7	DMO	8.23	8.23		
161	4	4	23	69	24.7	.056	8	DK2	6.84	6.84		
9145	4	5	16	37	54.5	.046	8	DF7	3.83	3.83		
162	4	5	23	33	30.2	.073	7	M1	9.52	9.52		
9147	4	7	32	70	6.6	.040	5	DMO	8.01	8.01		
163	4	7	56	-53	30.7	.065	8	M	11.36P	10.00		
164	4	9	9	52	29.7	.066	12	M5	12.30	12.30		
165A	4	9	27	50	24.2	.063	11	M5	14.50F	13.00		
9148	4	11	20	58	24.0	.051	11	K3	6.94	6.94		
9149	4	11	53	2	53.5	.050	8	K4	7.29	7.29		
166A	4	12	58	-7	43.8	.205	4	K1 V	5.99	5.99	IRC	-10064
166B	4	13	4	-7	44.0	.207	2	WDA	11.09	11.09	IRC	-10064
166C	4	13	4	-7	44.0	.205	4	M4E V	12.72	12.72	IRC	-10064
167	4	14	39	-53	26.2	.075	8	K5 V	7.06	7.06		
9150	4	14	43	-51	36.6	.059	11	F2 V	3.09	3.09		
9152	4	15	18	-40	55.5	.040	13	M0	9.61P	8.31		
9153	4	15	37	-59	25.2	.064	11	SGK5	3.47	3.47		
168	4	17	55	48	13.1	.049	11	DK8	8.08	8.08		
9849	4	19	15	19	21.9	.069	11		14.20	14.20		
9850	4	19	18	19	22.0	.058	9		15.30	15.30		
9154A	4	19	27	-25	50.6	.055	10	DF2	4.68J	5.68		
9154B	4	19	27	-25	50.6	.055	10		5.50	5.50		
9154D	4	19	27	-25	50.6	.055	10	G0	6.89	6.89		
9155A	4	23	13	-57	11.0	.040	11	G4 V	4.29J	4.77		
9155B	4	23	13	-57	11.1	.040	11	G6 V	5.41	5.41		
9156	4	24	42	-64	11.7	.044	11	G5 V	6.11	6.11		
169	4	26	2	21	48.6	.078	11	DM1	7.73	7.73		
170	4	26	59	39	45.0	.099	14	M7	13.68	13.68		
9157	4	27	42	16	5.1	.052	10	A7 V	3.36	3.36		
9158	4	31	11	5	17.0	.043	13	K1	6.17	6.17		
171	4	31	59	55	18.9	.058	24	K2 V	7.15	7.15		
9159A	4	33	3	16	24.5	.050	5	K5 III	- .64V	- .64	IRC	+20087
9159B	4	33	3	16	24.5	.050	5	DM2	11.69	11.69	IRC	+20087
172	4	33	43	52	48.0	.093	6	K8 V	8.45	8.45		
173	4	35	21	-11	.0	.094	10	DM1	10.67	10.67		
9160A	4	35	53	-14	24.0	.041	7	K2 III	1.92J	1.98	IRC	-10073
9160B	4	35	53	-14	24.0	.041	7		5.16	5.16	IRC	-10073
9162A	4	36	58	9	46.8	.049	8	DK5	7.65	7.65		
9163A	4	38	8	-9	17.5	.044	5	DMO	9.22	9.22		
9163B	4	38	8	-9	17.5	.044	5		9.32	9.32		
174	4	38	22	20	48.5	.082	10	K3E V	7.59	7.59		
9164A	4	38	57	-41	57.5	.043	16	F2 V	2.62	2.62		
9164B	4	38	57	-41	57.5	.043	16		10.67	10.67		
175A	4	39	29	-59	2.5	.064	14	G5 V MS	5.56J	6.21		
175B	4	39	29	-59	2.5	.064	14		6.43	6.43		
176	4	39	58	18	52.9	.097	4	DM3	9.87	9.87		
9165	4	40	17	-37	14.5	.057	10	F8 V	3.82	3.82		
9166	4	40	29	27	35.9	.045	5	K3	6.27	6.27		
9167	4	44	23	-50	9.6	.046	7	K0 V	5.89	5.89		
177	4	45	21	-17	1.5	.077	6	DG1	4.94	4.94		
178	4	47	7	6	52.5	.132	5	F6 V	3.79	3.79	IRC	+10071

TABLE 1—Continued

NAME	RADIUS SUN=1	TEMP K	F2.2	F3.4	F4.2	F5.0	F10.2	F11.8	F24.4	F58.6	F101.
WATTS/CM2/MICRON											
9135	.67	3867.	7.23-17	1.83-17	8.85-18	4.77-18	3.39-19	1.94-19	1.16-20	3.64-22	4.18-23
9136	.83	4790.	1.86-16	4.33-17	2.05-17	1.08-17	7.38-19	4.21-19	2.46-20	7.68-22	8.80-23
9137	.50	3452.	4.84-17	1.29-17	6.35-18	3.47-18	2.53-19	1.45-19	8.75-21	2.77-22	3.18-23
156	.67	3882.	2.19-16	5.53-17	2.68-17	1.44-17	1.02-18	5.87-19	3.49-20	1.10-21	1.26-22
9138	.57	3600.	6.70-17	1.75-17	8.56-18	4.65-18	3.36-19	1.93-19	1.16-20	3.65-22	4.19-23
9139	.78	4422.	1.67-16	4.00-17	1.91-17	1.02-17	7.03-19	4.02-19	2.36-20	7.40-22	8.48-23
157A	.69	3957.	4.27-16	1.07-16	5.17-17	2.78-17	1.97-18	1.13-18	6.69-20	2.10-21	2.41-22
157B	.37	3246.	8.27-17	2.27-17	1.13-17	6.21-18	4.61-19	2.66-19	1.61-20	5.10-22	5.87-23
9140	.41	3296.	2.73-17	7.44-18	3.70-18	2.03-18	1.50-19	8.62-20	5.21-21	1.65-22	1.90-23
158	.76	4238.	1.55-16	3.77-17	1.81-17	9.67-18	6.74-19	3.85-19	2.27-20	7.13-22	8.17-23
159	1.05	6204.	6.62-16	1.44-16	6.62-17	3.46-17	2.26-18	1.28-18	7.40-20	2.29-21	2.61-22
9142	.82	4672.	1.29-16	3.04-17	1.44-17	7.64-18	5.23-19	2.98-19	1.75-20	5.45-22	6.25-23
160	.94	5554.	6.95-16	1.55-16	7.22-17	3.79-17	2.52-18	1.43-18	8.31-20	2.58-21	2.95-22
9143	1.08	6423.	4.52-16	9.72-17	4.47-17	2.33-17	1.52-18	8.61-19	4.95-20	1.53-21	1.75-22
9144	.68	3927.	1.08-16	2.70-17	1.31-17	7.03-18	4.98-19	2.85-19	1.70-20	5.33-22	6.12-23
161	.78	4371.	2.01-16	4.84-17	2.31-17	1.23-17	8.54-19	4.88-19	2.88-20	9.00-22	1.03-22
9145	1.07	6360.	5.02-16	1.08-16	4.98-17	2.60-17	1.69-18	9.61-19	5.53-20	1.71-21	1.95-22
162	.57	3600.	1.22-16	3.19-17	1.56-17	8.50-18	6.14-19	3.52-19	2.11-20	6.66-22	7.66-23
9147	.69	3979.	6.75-17	1.68-17	8.14-18	4.38-18	3.09-19	1.77-19	1.05-20	3.30-22	3.79-23
163	.51	3467.	7.32-17	1.95-17	9.58-18	5.23-18	3.81-19	2.19-19	1.32-20	4.16-22	4.79-23
164	.31	3177.	2.33-17	6.47-18	3.23-18	1.78-18	1.33-19	7.66-20	4.65-21	1.48-22	1.70-23
165A	.26	3126.	1.36-17	3.82-18	1.91-18	1.06-18	7.91-20	4.57-20	2.78-21	8.82-23	1.02-23
9148	.77	4317.	1.60-16	3.86-17	1.84-17	9.86-18	6.84-19	3.91-19	2.31-20	7.22-22	8.28-23
9149	.74	4164.	1.33-16	3.26-17	1.57-17	8.40-18	5.87-19	3.36-19	1.99-20	6.23-22	7.15-23
166A	.85	4905.	3.99-15	9.23-16	4.35-16	2.30-16	1.56-17	8.89-18	5.20-19	1.62-20	1.85-21
166E	.01	16900.	5.14-18	9.68-19	4.26-19	2.16-19	1.30-20	7.31-21	4.08-22	1.24-23	1.41-24
166C	.28	3146.	1.71-16	4.79-17	2.40-17	1.32-17	9.89-19	5.70-19	3.46-20	1.10-21	1.27-22
167	.76	4256.	3.28-16	7.96-17	3.81-17	2.04-17	1.42-18	8.12-19	4.79-20	1.50-21	1.72-22
9150	1.16	6815.	1.06-15	2.26-16	1.04-16	5.38-17	3.48-18	1.97-18	1.13-19	3.49-21	3.98-22
9152	.68	3910.	6.25-17	1.57-17	7.60-18	4.10-18	2.90-19	1.66-19	9.89-21	3.11-22	3.57-23
9153	6.61	3980.	1.58-14	3.95-15	1.90-15	1.03-15	7.24-17	4.14-17	2.46-18	7.73-20	8.87-21
168	.69	3962.	9.92-17	2.48-17	1.20-17	6.45-18	4.56-19	2.61-19	1.55-20	4.87-22	5.59-23
9849	.19	3040.	8.26-18	2.36-18	1.19-18	6.57-19	4.96-20	2.87-20	1.75-21	5.57-23	6.42-24
9850	.14	2946.	3.06-18	8.89-19	4.51-19	2.50-19	1.91-20	1.10-20	6.76-22	2.16-23	2.49-24
9154A	.87	5119.	3.28-16	7.50-17	3.52-17	1.86-17	1.25-18	7.12-19	4.15-20	1.29-21	1.48-22
9154B	.89	5248.	3.58-16	8.11-17	3.79-17	2.00-17	1.34-18	7.63-19	4.44-20	1.38-21	1.58-22
9154D	.77	4344.	1.90-16	4.58-17	2.19-17	1.17-17	8.10-19	4.63-19	2.73-20	8.54-22	9.79-23
9155A	.99	5782.	2.73-16	6.03-17	2.80-17	1.47-17	9.69-19	5.50-19	3.18-20	9.86-22	1.13-22
9155B	.90	5314.	1.98-16	4.48-17	2.09-17	1.10-17	7.37-19	4.20-19	2.44-20	7.58-22	8.67-23
9156	.84	4824.	1.74-16	4.04-17	1.91-17	1.01-17	6.88-19	3.92-19	2.29-20	7.15-22	8.19-23
169	.71	4044.	2.80-16	6.95-17	3.35-17	1.80-17	1.27-18	7.25-19	4.30-20	1.35-21	1.55-22
170	.22	3078.	2.29-17	6.49-18	3.26-18	1.80-18	1.36-19	7.84-20	4.77-21	1.52-22	1.75-23
9157	1.12	6669.	7.49-16	1.60-16	7.33-17	3.82-17	2.47-18	1.40-18	8.05-20	2.48-21	2.84-22
9158	.83	4784.	1.62-16	3.77-17	1.78-17	9.44-18	6.43-19	3.67-19	2.15-20	6.69-22	7.66-23
171	.75	4216.	1.89-16	4.61-17	2.21-17	1.18-17	8.25-19	4.71-19	2.79-20	8.73-22	1.00-22
9159A	43.86	3980.	4.25-13	1.06-13	5.12-14	2.76-14	1.95-15	1.11-15	6.62-17	2.08-18	2.39-19
9159B	.36	3227.	1.83-17	5.03-18	2.51-18	1.38-18	1.02-19	5.90-20	3.58-21	1.14-22	1.31-23
172	.67	3880.	3.27-16	8.26-17	4.00-17	2.16-17	1.53-18	8.78-19	5.22-20	1.64-21	1.89-22
173	.45	3355.	1.08-16	2.91-17	1.44-17	7.88-18	5.80-19	3.34-19	2.01-20	6.38-22	7.34-23
9160A	9.90	4450.	1.81-14	4.34-15	2.07-15	1.10-15	7.60-17	4.34-17	2.55-18	7.99-20	9.16-21
9160B	.93	5500.	2.37-16	5.30-17	2.47-17	1.30-17	8.63-19	4.91-19	2.85-20	8.83-22	1.01-22
9162A	.72	4063.	1.13-16	2.81-17	1.35-17	7.26-18	5.10-19	2.92-19	1.73-20	5.43-22	6.24-23
9163A	.60	3697.	5.33-17	1.37-17	6.70-18	3.63-18	2.61-19	1.50-19	8.94-21	2.82-22	3.24-23
9163B	.59	3665.	5.02-17	1.30-17	6.35-18	3.44-18	2.47-19	1.42-19	8.50-21	2.68-22	3.08-23
174	.72	4077.	3.24-16	8.00-17	3.85-17	2.07-17	1.45-18	8.31-19	4.92-20	1.55-21	1.77-22
9164A	1.32	7474.	8.43-16	1.76-16	8.00-17	4.14-17	2.65-18	1.50-18	8.56-20	2.63-21	3.00-22
9164B	.45	3355.	2.25-17	6.09-18	3.02-18	1.65-18	1.21-19	6.98-20	4.21-21	1.33-22	1.54-23
175A	.83	4759.	3.52-16	8.22-17	3.89-17	2.06-17	1.41-18	8.01-19	4.69-20	1.46-21	1.68-22
175B	.81	4615.	3.17-16	7.49-17	3.55-17	1.89-17	1.29-18	7.38-19	4.33-20	1.35-21	1.55-22
176	.53	3497.	1.75-16	4.64-17	2.28-17	1.24-17	9.05-19	5.20-19	3.12-20	9.87-22	1.14-22
9165	1.08	6367.	7.73-16	1.67-16	7.67-17	4.00-17	2.61-18	1.48-18	8.51-20	2.63-21	3.00-22
9166	.82	4718.	1.69-16	3.96-17	1.87-17	9.94-18	6.79-19	3.87-19	2.27-20	7.07-22	8.10-23
9167	.86	4973.	2.10-16	4.83-17	2.27-17	1.20-17	8.14-19	4.64-19	2.71-20	8.43-22	9.65-23
177	.96	5669.	9.34-16	2.07-16	9.63-17	5.06-17	3.35-18	1.90-18	1.10-19	3.42-21	3.91-22
178	1.08	6387.	4.19-15	9.02-16	4.15-16	2.16-16	1.41-17	8.00-18	4.60-19	1.42-20	1.62-21

TABLE 1—Continued

NAME	RA (1950)			DEC (1950)		PARALLAX		SPEC CLASS	ABS MAG	ABS MAG	NOTES	MIRC
	H	M	S	DEG	ARC MIN	ARC SEC						
9168	4	48	3	45	45.5	.041	9	G1 V	5.03	5.03		
179	4	49	24	6	23.7	.078	8	M5E	11.46	11.46		
180	4	51	35	-17	50.6	.083	6	M3	12.10P	10.66		
9169	4	53	17	4	35.6	.040	10	F8	5.81	5.81		
9170	4	53	33	2	51.5	.042	10	K0	6.92	6.92		
181	4	55	0	49	46.5	.080	10	DM2	9.30	9.30		
182	4	56	59	1	42.5	.068	10	DM1E	8.76	8.76		
183	4	58	20	-5	48.5	.109	4	K3 V	6.41	6.41	SB	
184	4	59	17	53	4.8	.064	7	DM0	8.96	8.96		
185A	5	0	20	-21	19.4	.131	8	DM1	8.88J	9.00		
185B	5	0	20	-21	19.4	.131	8		11.29	11.29		
186	5	1	15	-23	19.2	.058	11	DM0	8.02	8.02		
9172A	5	1	20	-56	9.7	.051	7	G5 V	5.56	5.56		
187	5	1	30	-49	13.2	.053	10	DF4	4.01	4.01		
9173	5	2	30	-42	25.7	.052	11	K0	8.61	8.61		
9174A	5	2	45	51	32.0	.049	13	FO V	3.43	3.43	SB	
9174B	5	2	45	51	32.0	.049	13		11.45	11.45		
9174C	5	2	45	51	32.0	.049	13		7.88	7.88		
188A	5	4	30	18	34.8	.059	5	G4 V MS	3.75J	4.46		
188B	5	4	30	18	34.8	.059	5		4.55	4.55		
189	5	4	39	-57	32.4	.083	16	F8 V	4.31	4.31		
9175	5	5	23	-5	9.0	.044	6	A3 III	1.01	1.01	IRC -10081	
9176	5	6	15	-4	31.2	.048	9	F5 V	3.53	3.53		
190	5	6	21	-18	12.8	.091	14	M5	11.90P	10.40		
9177	5	9	13	-44	38.0	.040	14	G5	6.72	6.72		
9178	5	9	31	-9	9.8	.044	6	K1 V	6.26	6.26		
191	5	9	41	-44	59.9	.256	7	M0 V	10.89	10.89		
192	5	9	44	19	36.3	.070	9	M5	10.53	10.53		
193	5	12	4	-15	52.8	.062	12	DG6	6.39	6.39		
194A	5	12	59	45	57.0	.075	4	G5 III	-1.54J	.11	SB	IRC +50139
194B	5	12	59	45	57.0	.075	4	G0 III	.33	.33		IRC +50139
195A	5	13	42	45	47.5	.074	4	DM2	9.51J	9.55		
195B	5	13	42	45	47.5	.074	4	M5	13.05	13.05		
196	5	14	17	79	10.7	.053	5	F6 V	3.66	3.66		
197	5	15	37	40	3.4	.067	6	G0 V	3.84	3.84		
198	5	16	37	-18	10.8	.064	13	DG0	4.99	4.99	SB	
199A	5	16	40	-21	26.7	.069	12	DM0	8.79	8.79		
199B	5	16	40	-21	26.7	.069	12		10.79	10.79		
200A	5	16	40	-3	7.6	.074	5	K3 V	7.10J	7.12		
200B	5	16	40	-3	7.6	.074	5	M2	13.05P	11.64		
9179	5	16	48	-53	43.5	.045	11	K	11.46	11.46		
201	5	20	43	17	16.7	.057	10	DK5	6.75	6.75		
202	5	21	30	17	20.2	.064	6	F8 V	4.04	4.04		
203	5	25	16	9	36.9	.115	7	M5	12.80	12.80		
204	5	25	57	-3	31.7	.072	7	K5 V	6.92	6.92		
9180	5	27	3	-60	27.2	.045	13	G5 V	5.24	5.24		
9181	5	27	6	-75	43.6	.042	12	G0	5.29	5.29		
9182	5	27	23	-3	28.4	.054	5	M5	12.26P	10.76		
205	5	28	55	-3	41.0	.170	4	M1 V	9.12	9.12		
206	5	29	30	9	47.3	.070	4	DM4E	10.73V	10.73	SB	
207	5	29	53	29	21.4	.053	10	K7	9.62P	8.43		
9183	5	31	9	1	54.8	.067	11	DM3E	10.83V	10.83	UV	
9184	5	32	42	-23	29.7	.047	10	K3	7.15	7.15		
208	5	33	44	11	17.9	.082	13	DM0	8.39	8.39		
209	5	34	4	20	42.4	.055	11	G4 V	6.31	6.31		
9185	5	35	24	-62	50.1	.042	12	K5 V	7.44	7.44		
9186	5	35	47	-28	43.0	.046	9	DF4	3.59	3.59		
9187	5	36	28	-7	14.3	.041	11	A4 IV	2.86	2.86	SB	
210	5	36	30	-42	59.6	.060	12	G0 V	6.32	6.32		
211	5	37	17	53	27.7	.091	6	K1 V	6.03	6.03		
212	5	37	27	53	28.2	.117	13	DM2	10.12	10.12		
9188	5	39	8	15	19.2	.044	5	DM0	8.52	8.52		
213	5	39	14	12	29.2	.166	4	SDM4	12.70	12.70		
214	5	39	38	-15	39.0	.080	12	G5	6.87	6.87		
215	5	41	6	62	13.7	.079	9	DMOP	8.51	8.51		

TABLE 1—Continued

NAME	RADIUS SUN=1	TEMP K	F2.2	F3.4	F4.2	F5.0	F10.2	F11.8	F24.4	F58.6	F101.
WATTS/CM2/MICRON											
9168	.95	5600.	2.53-16	5.63-17	2.62-17	1.38-17	9.13-19	5.19-19	3.01-20	9.33-22	1.07-22
179	.38	3254.	4.98-17	1.37-17	6.81-18	3.74-18	2.77-19	1.60-19	9.66-21	3.06-22	3.53-23
180	.45	3356.	8.44-17	2.28-17	1.13-17	6.18-18	4.54-19	2.61-19	1.58-20	4.99-22	5.75-23
9169	.86	5028.	1.64-16	3.77-17	1.77-17	9.37-18	6.32-19	3.60-19	2.10-20	6.54-22	7.49-23
9170	.77	4327.	1.09-16	2.64-17	1.26-17	6.74-18	4.67-19	2.67-19	1.57-20	4.93-22	5.65-23
181	.59	3672.	1.68-16	4.34-17	2.12-17	1.15-17	8.27-19	4.74-19	2.84-20	8.95-22	1.03-22
182	.66	3814.	1.61-16	4.08-17	1.98-17	1.07-17	7.63-19	4.38-19	2.61-20	8.21-22	9.43-23
183	.81	4628.	9.29-16	2.19-16	1.04-16	5.52-17	3.78-18	2.16-18	1.27-19	3.95-21	4.53-22
184	.64	3768.	1.31-16	3.34-17	1.62-17	8.79-18	6.28-19	3.60-19	2.15-20	6.77-22	7.77-23
185A	.63	3757.	5.35-16	1.37-16	6.66-17	3.60-17	2.58-18	1.48-18	8.81-20	2.78-21	3.19-22
185B	.39	3275.	1.53-16	4.19-17	2.08-17	1.14-17	8.45-19	4.87-19	2.94-20	9.34-22	1.08-22
186	.69	3976.	1.41-16	3.53-17	1.71-17	9.18-18	6.48-19	3.71-19	2.20-20	6.92-22	7.95-23
9172A	.88	5205.	2.98-16	6.78-17	3.18-17	1.68-17	1.12-18	6.40-19	3.73-20	1.16-21	1.33-22
187	1.06	6246.	6.27-16	1.36-16	6.26-17	3.27-17	2.14-18	1.21-18	6.98-20	2.16-21	2.47-22
9173	.66	3846.	9.84-17	2.49-17	1.21-17	6.52-18	4.64-19	2.66-19	1.58-20	4.98-22	5.72-23
9174A	1.11	6613.	6.47-16	1.38-16	6.35-17	3.30-17	2.14-18	1.22-18	6.98-20	2.15-21	2.46-22
9174B	.38	3255.	1.98-17	5.42-18	2.70-18	1.48-18	1.10-19	6.33-20	3.83-21	1.22-22	1.40-23
9174C	.70	4010.	1.06-16	2.63-17	1.27-17	6.82-18	4.80-19	2.75-19	1.63-20	5.12-22	5.88-23
188A	1.03	5986.	6.84-16	1.50-16	6.93-17	3.62-17	2.38-18	1.35-18	7.81-20	2.42-21	2.76-22
188B	1.02	5924.	6.57-16	1.44-16	6.67-17	3.49-17	2.30-18	1.31-18	7.55-20	2.34-21	2.67-22
189	1.04	6085.	1.42-15	3.09-16	1.43-16	7.45-17	4.89-18	2.77-18	1.60-19	4.95-21	5.66-22
9175	2.50	9120.	4.26-15	2.57-16	3.86-16	1.98-16	1.25-17	7.03-18	3.98-19	1.22-20	1.39-21
9176	1.10	6544.	6.00-16	1.29-16	5.91-17	3.08-17	2.00-18	1.13-18	6.51-20	2.01-21	2.30-22
190	.47	3396.	1.16-16	3.12-17	1.54-17	8.41-18	6.17-19	3.55-19	2.14-20	6.77-22	7.79-23
9177	.79	4439.	1.08-16	2.59-17	1.24-17	6.59-18	4.55-19	2.60-19	1.53-20	4.78-22	5.48-23
9178	.82	4724.	1.62-16	3.80-17	1.80-17	9.54-18	6.51-19	3.71-19	2.18-20	6.79-22	7.78-23
191	.43	3325.	7.15-16	1.94-16	9.62-17	5.27-17	3.88-18	2.23-18	1.35-19	4.28-21	4.92-22
192	.46	3375.	6.42-17	1.73-17	8.55-18	4.68-18	3.43-19	1.97-19	1.19-20	3.77-22	4.34-23
193	.81	4640.	3.03-16	7.15-17	3.39-17	1.80-17	1.23-18	7.03-19	4.13-20	1.29-21	1.48-22
194A	9.09	5623.	7.79-14	1.73-14	8.06-15	4.23-15	2.81-16	1.60-16	9.24-18	2.86-19	3.28-20
194B	6.56	6067.	4.61-14	1.00-14	4.64-15	2.43-15	1.59-16	9.04-17	5.21-18	1.61-19	1.84-20
195A	.56	3590.	1.23-16	3.22-17	1.58-17	8.58-18	6.20-19	3.56-19	2.13-20	6.73-22	7.74-23
195B	.25	3122.	1.83-17	5.12-18	2.57-18	1.42-18	1.06-19	6.13-20	3.73-21	1.19-22	1.37-23
196	1.09	6478.	7.05-16	1.51-16	6.96-17	3.63-17	2.36-18	1.34-18	7.69-20	2.37-21	2.71-22
197	1.07	6353.	1.06-15	2.29-16	1.05-16	5.49-17	3.58-18	2.03-18	1.17-19	3.61-21	4.13-22
198	.96	5631.	6.29-16	1.40-16	6.50-17	3.41-17	2.26-18	1.29-18	7.45-20	2.31-21	2.64-22
199A	.65	3807.	1.64-16	4.16-17	2.02-17	1.09-17	7.79-19	4.47-19	2.66-20	8.38-22	9.62-23
199B	.44	3338.	5.46-17	1.48-17	7.33-18	4.01-18	2.95-19	1.70-19	1.03-20	3.25-22	3.74-23
200A	.75	4230.	3.11-16	7.59-17	3.64-17	1.95-17	1.36-18	7.76-19	4.58-20	1.44-21	1.65-22
200B	.37	3233.	4.10-17	1.13-17	5.63-18	3.09-18	2.30-19	1.32-19	8.01-21	2.54-22	2.93-23
9179	.38	3254.	1.66-17	4.55-18	2.27-18	1.24-18	9.22-20	5.31-20	3.22-21	1.02-22	1.17-23
201	.78	4422.	2.17-16	5.20-17	2.48-17	1.32-17	9.14-19	5.22-19	3.07-20	9.61-22	1.10-22
202	1.06	6227.	9.07-16	1.96-16	9.06-17	4.73-17	3.09-18	1.76-18	1.01-19	3.13-21	3.57-22
203	.27	3141.	5.12-17	1.43-17	7.18-18	3.96-18	2.96-19	1.71-19	1.04-20	3.30-22	3.80-23
204	.77	4327.	3.21-16	7.75-17	3.70-17	1.98-17	1.37-18	7.85-19	4.63-20	1.45-21	1.66-22
9180	.92	5440.	2.74-16	6.14-17	2.86-17	1.51-17	1.00-18	5.71-19	3.32-20	1.03-21	1.18-22
9181	.92	5403.	2.32-16	5.22-17	2.44-17	1.28-17	8.56-19	4.87-19	2.83-20	8.78-22	1.00-22
9182	.44	3342.	3.40-17	9.19-18	4.55-18	2.49-18	1.83-19	1.06-19	6.37-21	2.02-22	2.32-23
205	.62	3727.	8.44-16	2.17-16	1.06-16	5.72-17	4.09-18	2.35-18	1.40-19	4.42-21	5.08-22
206	.44	3347.	5.80-17	1.57-17	7.76-18	4.25-18	3.13-19	1.80-19	1.09-20	3.44-22	3.96-23
207	.67	3884.	1.07-16	2.69-17	1.30-17	7.04-18	4.99-19	2.86-19	1.70-20	5.35-22	6.15-23
9183	.43	3333.	5.05-17	1.37-17	6.78-18	3.71-18	2.73-19	1.57-19	9.50-21	3.01-22	3.47-23
9184	.75	4216.	1.24-16	3.02-17	1.45-17	7.77-18	5.41-19	3.10-19	1.83-20	5.73-22	6.58-23
208	.67	3893.	2.58-16	6.50-17	3.15-17	1.70-17	1.20-18	6.90-19	4.10-20	1.29-21	1.48-22
209	.82	4692.	2.48-16	5.81-17	2.75-17	1.46-17	9.99-19	5.70-19	3.34-20	1.04-21	1.19-22
9185	.73	4117.	8.92-17	2.20-17	1.06-17	5.66-18	3.97-19	2.27-19	1.34-20	4.22-22	4.84-23
9186	1.10	6515.	5.42-16	1.16-16	5.34-17	2.78-17	1.81-18	1.03-18	5.90-20	1.82-21	2.08-22
9187	1.12	8810.	7.02-16	1.42-16	6.41-17	3.30-17	2.08-18	1.17-18	6.65-20	2.04-21	2.33-22
210	.82	4685.	2.93-16	6.89-17	3.26-17	1.73-17	1.18-18	6.76-19	3.96-20	1.24-21	1.42-22
211	.84	4878.	7.72-16	1.79-16	8.43-17	4.47-17	3.03-18	1.73-18	1.01-19	3.15-21	3.60-22
212	.50	3444.	2.22-16	5.93-17	2.92-17	1.59-17	1.16-18	6.70-19	4.03-20	1.27-21	1.47-22
9188	.67	3865.	7.21-17	1.82-17	8.83-18	4.76-18	3.38-19	1.94-19	1.15-20	3.63-22	4.17-23
213	.22	3373.	7.95-17	2.14-17	1.06-17	5.79-18	4.25-19	2.45-19	1.48-20	4.67-22	5.38-23
214	.77	4355.	4.05-16	9.76-17	4.66-17	2.49-17	1.73-18	9.86-19	5.81-20	1.82-21	2.08-22
215	.67	3867.	2.33-16	5.88-17	2.85-17	1.54-17	1.09-18	6.26-19	3.73-20	1.17-21	1.35-22

TABLE 1—Continued

NAME	RA (1950)			DEC (1950)		PARALLAX		SPEC CLASS	ABS MAG	ABS MAG	NOTES	MIRC
	H	M	S	DEG	ARC MIN	ARC SEC	ARC SEC					
9189	5	41	8	-80	30.5	.043	13	G3 IV	3.82	3.82		
216A	5	42	23	-22	27.7	.123	8	F6 V	4.05	4.05	IRC	-20078
216B	5	42	21	-22	26.2	.123	8	K2 V	6.60	6.60	IRC	-20078
216C	5	43	38	-22	20.7	.123	8		16.45	16.45		
217	5	42	35	37	16.4	.069	7	K1 V	6.55	6.55		
9190	5	44	41	-14	50.4	.046	7	A3 V	1.85	1.85		
9191	5	45	6	-70	10.7	.047	13	K0 V	6.45	6.45		
218	5	45	53	-36	20.5	.094	7	M2	11.47P	10.06		
219	5	46	6	-51	5.0	.060	8	A3 V	2.74	2.74		
220	5	50	10	24	15.3	.062	7	M2	11.16P	9.75		
221	5	50	34	-6	.0	.074	9	K5	9.05	9.05		
222	5	51	25	20	16.0	.101	6	G0 V	4.43	4.43	IRC	+20126
223	5	51	52	2	8.6	.065	9	K3	7.87	7.87		
9192	5	52	11	-9	24.2	.051	11	DMO	9.17	9.17		
9193	5	52	40	-4	8.7	.156	5	WDK E	15.62	15.62		
224	5	53	12	13	55.5	.047	5	G0 V	4.78	4.78		
9194	5	53	43	-63	6.3	.046	17	SGK3	2.95	2.95		
225	5	54	8	-14	10.5	.065	12	F0 IV	2.78	2.78	IRC	-10102
9195	5	58	12	-37	3.5	.047	11	G0	6.93	6.93		
9196A	5	58	28	-31	2.1	.049	7	K5 V	6.30J	7.49		
9196B	5	58	28	-31	2.1	.049	7		8.25	8.25		
9196C	5	58	28	-31	2.1	.049	7	K5 V	7.05	7.05		
226	5	59	41	82	7.8	.103	6	DM2	10.56	10.56		
9197	6	0	47	26	9.3	.049	11	M5	13.55P	12.05		
9198	6	2	37	67	59.0	.052	10	DK8	8.33	8.33		
9199	6	2	48	35	23.7	.046	7	DGO	4.41	4.41		
9200	6	3	2	-45	2.0	.041	8	G0 IV	4.40	4.40		
227	6	3	49	15	33.0	.065	10	DK0	5.82	5.82		
9202	6	5	25	-59	31.5	.040	7	K0 V	6.46	6.46		
9203	6	5	57	26	34.0	.042	13	M3	13.02P	11.58	IRC	+30140
228A	6	8	9	10	20.5	.104	7	DM3	10.50	10.50		
228B	6	8	9	10	20.5	.104	7		12.49	12.49		
229	6	8	28	-21	50.5	.174	9	M1 V	9.34	9.34		
9204	6	9	55	-41	33.6	.044	12	K0	7.50	7.50		
9205	6	10	18	70	48.1	.043	11	DG7	5.60	5.60		
230	6	10	26	10	38.6	.057	5	G6 V	5.24	5.24		
231	6	11	44	-74	44.1	.115	8	G5 V	5.38	5.38		
9207	6	13	38	12	17.2	.042	7	F5 V	3.16	3.16		
9208A	6	14	37	5	7.0	.050	6	DGO	4.19	4.19		
9208B	6	14	32	5	8.1	.050	6		11.91	11.91		
9209A	6	15	37	-59	11.3	.042	12	G3 V	4.56	4.56		
9210	6	16	3	-13	50.9	.043	5	DMO	8.11	8.11		
9211	6	16	55	-6	37.6	.069	11	M5	13.19P	11.69		
232	6	21	40	23	29.4	.117	7	M6	13.64	13.64		
233A	6	23	14	18	47.3	.083	12	DK3	6.34	6.34		
233B	6	23	14	18	47.3	.083	12		13.40	13.40		
9212A	6	25	10	-25	49.3	.044	13	DF9	4.28	4.28		
234A	6	26	51	-2	46.1	.252	4	DM4E	13.08J	13.13	AB	
234B	6	26	51	-2	46.1	.252	4		16.41	16.41		
235A	6	28	16	52	26.9	.050	5	DMO	8.20J	9.03		
235B	6	28	16	52	26.9	.050	5		8.88	8.88		
9213	6	30	33	72	3.1	.044	10	DGO	6.02	6.02		
238	6	33	7	-58	29.9	.072	12	M	12.19P	10.81		
239	6	34	19	17	36.1	.104	4	DM1	9.72	9.72		
9214	6	34	30	-19	12.7	.056	7	K1 III	2.69	2.69	IRC	-20096
240	6	35	55	-49	59.6	.070	11	K0	9.23	9.23		
9215	6	37	44	79	37.4	.047	5	F8 V	3.81	3.81		
241	6	38	12	24	.6	.086	9	DK6	7.82	7.82		
9216	6	38	51	71	57.4	.041	7	DMO	10.46P	9.16		
242	6	42	29	12	57.0	.052	6	F5 III	1.94	1.94	IRC	+10136
243	6	42	52	-27	17.5	.061	12	G2 V	5.37	5.37		
244A	6	42	57	-16	38.8	.377	4	A1 V	1.42	1.42	IRC	-20105
244B	6	42	57	-16	38.8	.376	3	WDA5	11.18	11.18	IRC	-20105
245	6	43	8	43	37.8	.068	7	G0 V	4.40	4.40		
9217	6	43	31	-31	44.0	.047	7	DF6	4.28	4.28		

TABLE 1—Continued

NAME	RADIUS SUN=1	TEMP K	F2.2	F3.4	F4.2	F5.0	F10.2	F11.8	F24.4	F58.6	F101.
WATTS/CM2/MICRON											
9189	1.52	5794.	7.50-16	1.65-16	7.67-17	4.02-17	2.66-18	1.51-18	8.73-20	2.70-21	3.09-22
216A	1.06	6221.	3.34-15	7.24-16	3.34-16	1.74-16	1.14-17	6.47-18	3.73-19	1.15-20	1.32-21
216B	.80	4510.	1.08-15	2.58-16	1.23-16	6.53-17	4.49-18	2.56-18	1.51-19	4.71-21	5.40-22
216C	.13	2829.	1.12-17	3.32-18	1.70-18	9.48-19	7.33-20	4.24-20	2.61-21	8.35-23	9.64-24
217	.80	4540.	3.49-16	8.28-17	3.93-17	2.09-17	1.44-18	8.22-19	4.83-20	1.51-21	1.73-22
9190	1.81	8690.	2.28-15	4.63-16	2.09-16	1.08-16	6.78-18	3.83-18	2.17-19	6.66-21	7.59-22
9191	.81	4602.	1.69-16	4.00-17	1.90-17	1.01-17	6.93-19	3.95-19	2.32-20	7.25-22	8.30-23
218	.51	3456.	1.48-16	3.95-17	1.94-17	1.06-17	7.74-19	4.45-19	2.68-20	8.46-22	9.74-23
219	1.28	7329.	1.51-15	3.16-16	1.44-16	7.47-17	4.79-18	2.71-18	1.55-19	4.77-21	5.44-22
220	.54	3529.	7.68-17	2.02-17	9.94-18	5.41-18	3.93-19	2.26-19	1.35-20	4.28-22	4.92-23
221	.62	3746.	1.66-16	4.26-17	2.08-17	1.12-17	8.04-19	4.61-19	2.75-20	8.67-22	9.96-23
222	1.03	6005.	2.02-15	4.42-16	2.05-16	1.07-16	7.03-18	3.99-18	2.30-19	7.13-21	8.15-22
223	.70	4012.	1.86-16	4.64-17	2.24-17	1.20-17	8.47-19	4.85-19	2.88-20	9.04-22	1.04-22
9192	.61	3712.	7.38-17	1.90-17	9.25-18	5.01-18	3.59-19	2.06-19	1.23-20	3.88-22	4.46-23
9193	.01	4400.	4.03-19	9.68-20	4.62-20	2.46-20	1.70-21	9.73-22	5.73-23	1.79-24	2.06-25
224	.98	5775.	3.75-16	8.28-17	3.84-17	2.02-17	1.33-18	7.56-19	4.38-20	1.36-21	1.55-22
9194	7.03	4270.	1.06-14	2.58-15	1.24-15	6.62-16	4.60-17	2.63-17	1.55-18	4.86-20	5.58-21
225	1.27	7244.	1.71-15	3.59-16	1.64-16	8.50-17	5.46-18	3.09-18	1.77-19	5.44-21	6.21-22
9195	.77	4322.	1.36-16	3.29-17	1.57-17	8.40-18	5.83-19	3.33-19	1.97-20	6.15-22	7.05-23
9196A	.73	4103.	1.19-16	2.94-17	1.42-17	7.60-18	5.33-19	3.05-19	1.81-20	5.66-22	6.50-23
9196B	.68	3923.	9.50-17	2.39-17	1.15-17	6.22-18	4.40-19	2.52-19	1.50-20	4.71-22	5.41-23
9196C	.76	4261.	1.40-16	3.41-17	1.63-17	8.74-18	6.08-19	3.48-19	2.05-20	6.43-22	7.37-23
226	.46	3371.	1.37-16	3.69-17	1.82-17	9.98-18	7.33-19	4.22-19	2.54-20	8.05-22	9.27-23
9197	.34	3195.	1.48-17	4.09-18	2.04-18	1.12-18	8.37-20	4.82-20	2.92-21	9.29-23	1.07-23
9198	.68	3906.	1.05-16	2.64-17	1.28-17	6.90-18	4.89-19	2.80-19	1.67-20	5.24-22	6.02-23
9199	1.03	6019.	4.22-16	9.23-17	4.27-17	2.23-17	1.47-18	8.32-19	4.80-20	1.49-21	1.70-22
9200	1.01	6067.	3.24-16	7.07-17	3.27-17	1.71-17	1.12-18	6.36-19	3.67-20	1.13-21	1.30-22
227	.86	5021.	4.32-16	9.92-17	4.66-17	2.46-17	1.66-18	9.48-19	5.53-20	1.72-21	1.97-22
9202	.81	4596.	1.22-16	2.89-17	1.37-17	7.29-18	5.00-19	2.85-19	1.68-20	5.23-22	5.99-23
9203	.37	3239.	1.36-17	3.74-18	1.86-18	1.02-18	7.60-20	4.38-20	2.65-21	8.42-23	9.69-24
228A	.46	3380.	1.44-16	3.87-17	1.92-17	1.05-17	7.68-19	4.42-19	2.67-20	8.44-22	9.71-23
228B	.30	3163.	5.12-17	1.43-17	7.14-18	3.93-18	2.94-19	1.70-19	1.03-20	3.27-22	3.77-23
229	.59	3659.	7.76-16	2.01-16	9.82-17	5.32-17	3.83-18	2.20-18	1.32-19	4.15-21	4.77-22
9204	.73	4101.	9.59-17	2.37-17	1.14-17	6.11-18	4.28-19	2.45-19	1.45-20	4.55-22	5.23-23
9205	.88	5176.	2.08-16	4.74-17	2.22-17	1.17-17	7.87-19	4.48-19	2.61-20	8.11-22	9.28-23
230	.92	5440.	4.39-16	9.85-17	4.60-17	2.42-17	1.61-18	9.17-19	5.32-20	1.65-21	1.89-22
231	.91	5336.	1.66-15	3.75-16	1.75-16	9.24-17	6.18-18	3.51-18	2.04-19	6.34-21	7.26-22
9207	1.15	6767.	5.28-16	1.12-16	5.14-17	2.67-17	1.73-18	9.81-19	5.62-20	1.73-21	1.98-22
9208A	1.05	6141.	5.30-16	1.15-16	5.32-17	2.78-17	1.82-18	1.03-18	5.96-20	1.84-21	2.11-22
9208B	.35	3206.	1.64-17	4.54-18	2.27-18	1.25-18	9.28-20	5.35-20	3.24-21	1.03-22	1.19-23
9209A	1.01	5917.	3.32-16	7.27-17	3.37-17	1.76-17	1.16-18	6.59-19	3.81-20	1.18-21	1.35-22
9210	.69	3955.	7.57-17	1.90-17	9.16-18	4.93-18	3.49-19	2.00-19	1.19-20	3.73-22	4.28-23
9211	.36	3227.	3.48-17	9.59-18	4.78-18	2.63-18	1.95-19	1.12-19	6.81-21	2.16-22	2.49-23
232	.22	3080.	3.28-17	9.27-18	4.66-18	2.57-18	1.94-19	1.12-19	6.81-21	2.17-22	2.50-23
233A	.82	4672.	5.56-16	1.31-16	6.19-17	3.29-17	2.25-18	1.28-18	7.53-20	2.35-21	2.69-22
233B	.23	3097.	1.89-17	5.32-18	2.67-18	1.47-18	1.11-19	6.39-20	3.89-21	1.24-22	1.43-23
9212A	1.04	6100.	4.01-16	8.74-17	4.04-17	2.11-17	1.38-18	7.85-19	4.53-20	1.40-21	1.60-22
234A	.25	3117.	2.02-16	5.68-17	2.85-17	1.57-17	1.18-18	6.80-19	4.14-20	1.32-21	1.52-22
234B	.13	2835.	4.71-17	1.40-17	7.15-18	3.99-18	3.08-19	1.79-19	1.10-20	3.51-22	4.05-23
235A	.63	3751.	7.68-17	1.97-17	9.57-18	5.18-18	3.70-19	2.12-19	1.27-20	3.99-22	4.59-23
235B	.64	3787.	8.29-17	2.11-17	1.03-17	5.55-18	3.96-19	2.27-19	1.36-20	4.27-22	4.90-23
9213	.85	4884.	1.81-16	4.20-17	1.98-17	1.05-17	7.11-19	4.05-19	2.37-20	7.38-22	8.45-23
238	.43	3336.	5.89-17	1.59-17	7.90-18	4.33-18	3.19-19	1.83-19	1.11-20	3.51-22	4.04-23
239	.54	3538.	2.20-16	5.79-17	2.84-17	1.55-17	1.12-18	6.45-19	3.87-20	1.22-21	1.41-22
9214	6.74	4610.	1.68-14	3.96-15	1.88-15	9.98-16	6.84-17	3.90-17	2.29-18	7.15-20	8.20-21
240	.60	3694.	1.34-16	3.46-17	1.69-17	9.14-18	6.56-19	3.77-19	2.25-20	7.09-22	8.15-23
9215	1.08	6373.	5.27-16	1.14-16	5.23-17	2.73-17	1.78-18	1.01-18	5.80-20	1.79-21	2.05-22
241	.70	4024.	3.31-16	8.23-17	3.97-17	2.13-17	1.50-18	8.60-19	5.10-20	1.60-21	1.84-22
9216	.61	3715.	4.80-17	1.23-17	6.01-18	3.26-18	2.33-19	1.34-19	8.00-21	2.52-22	2.90-23
242	2.26	6561.	2.99-15	6.40-16	2.94-16	1.53-16	9.95-18	5.64-18	3.24-19	1.00-20	1.14-21
243	.91	5343.	4.70-16	1.06-16	4.96-17	2.61-17	1.75-18	9.93-19	5.77-20	1.79-21	2.05-22
244A	2.03	9205.	2.09-13	4.21-14	1.89-14	9.73-15	6.10-16	3.44-16	1.95-17	5.97-19	6.81-20
244B	.01	29000.	1.13-17	2.06-18	8.96-19	4.50-19	2.67-20	1.49-20	8.26-22	2.50-23	2.84-24
245	1.03	6026.	9.26-16	2.02-16	9.35-17	4.89-17	3.21-18	1.82-18	1.05-19	3.25-21	3.72-22
9217	1.04	6100.	4.58-16	9.97-17	4.60-17	2.41-17	1.58-18	8.96-19	5.17-20	1.60-21	1.83-22

TABLE 1—Continued

NAME	RA (1950)			DEC (1950)		PARALLAX		SPEC CLASS	ABS MAG	ABS MAG	NOTES	MIRC
	H	M	S	DEG	ARCMIN	ARCSEC						
246	6	44	15	37	35.0	.070	3	WDA	10.30	10.30		
247	6	45	27	60	23.2	.055		MOP	7.28	7.28		
248	6	47	41	-61	53.1	.051	11	A5 V	1.81	1.81		
249	6	47	49	47	26.2	.075	10	DK6	8.38	8.38		
9218	6	48	30	-46	33.5	.047	9	F5 V	3.49	3.49		
250A	6	49	52	-5	6.6	.104	8	DK6	6.75	6.75		
250B	6	49	52	-5	7.6	.104	8	M2	10.20	10.20		
9219	6	51	34	-28	28.2	.041	8	G5 IV	4.08	4.08		
251	6	51	35	33	20.2	.168	5	DM4	11.03	11.03		
9220A	6	51	49	13	14.6	.042	6	FOP V	2.86	2.86	SB	
9220B	6	51	49	13	14.6	.042	6	DG4	5.80	5.80		
9221	6	52	10	12	13.7	.068	10	DM2	9.66	9.66		
252	6	52	14	25	26.4	.055		DG0	4.48	4.48		
253	6	53	51	-55	11.5	.070	11	G7 V	7.39	7.39		
254	6	53	52	30	49.5	.073	13	DK6	9.07	9.07		
9222	6	54	41	-74	39.8	.041	12	F5	5.71	5.71		
255A	6	55	30	-35	26.4	.069	12	F8 IV MS	5.42J	6.07		
255B	6	55	30	-35	26.4	.069	12		6.29	6.29		
256	6	56	7	-12	55.3	.026		DK8	6.21	6.21		
257A	6	56	21	-44	13.2	.115	11	M4	11.12J	11.76		
257B	6	56	21	-44	13.2	.115	11	M4	12.00	12.00		
258	6	59	7	68	21.7	.057	11	M5	11.58P	10.08		
259	6	59	11	-25	52.5	.068	12	K0 V	5.87	5.87		
260	6	59	25	-61	16.0	.062	12	K0 V	5.77	5.77		
262	7	0	20	29	25.4	.058	7	G4 V	4.76	4.76		
263	7	1	56	-10	25.2	.060	5	M5	10.29	10.29		
264	7	2	18	-43	29.5	.055	13	K5 V	7.36	7.36		
9223A	7	2	25	-43	32.3	.050	9	G3 V	4.02	4.02		
9223B	7	2	25	-43	32.3	.050	9	K0 V	5.28	5.28		
265A	7	2	35	27	32.9	.060	11	M0 V	9.11	9.11		
265B	7	2	35	27	32.9	.060	11		13.52	13.52		
266	7	4	32	3	31.7	.043		DM0	8.17	8.17		
267	7	5	47	-9	53.3	.042		DK8	6.98	6.98		
268	7	6	39	38	37.5	.169	7	DM5E	12.59V	12.59	SB	
9225	7	11	8	-46	40.5	.046	9	FO V	2.79	2.79		
9226	7	12	42	-63	15.8	.054	7	K5	7.66	7.66		
9227	7	13	14	27	14.1	.097		DM0	10.43	10.43		
9228	7	13	59	-15	29.7	.040	11	A2	3.41	3.41		
9229	7	14	19	-40	56.5	.046	12	G3 V	7.39	7.39		
9230	7	15	11	-13	54.5	.045	14	K5	10.97P	9.93		
9231A	7	15	13	16	37.9	.042	5	A3 V	1.70	1.70		
9231B	7	15	13	16	37.9	.042	5		8.12	8.12		
269A	7	16	3	-46	53.8	.083	7	K2 V MS	6.28	6.28		
269B	7	16	3	-46	53.8	.083	7		7.50	7.50		
270	7	16	15	32	55.6	.051	7	DM2	8.57	8.57		
271A	7	17	8	22	4.6	.061	5	F2 IV	2.46	2.46	SB	IRC +20177
271B	7	17	8	22	4.6	.061	5	DK6	7.16	7.16		IRC +20177
9232	7	17	12	-16	18.0	.040	15	F1 V	3.71V	3.71	SB EB	
272	7	19	37	46	11.2	.060		DM2	9.42	9.42		
273	7	24	43	5	22.7	.270	4	DM4	11.98	11.98	D	
9233	7	25	49	32	5.6	.042	11	DK8	5.85	5.85		
274A	7	25	54	31	53.0	.060	6	FO V	3.07	3.07		
274B	7	25	54	31	53.0	.060	6		11.39	11.39		
9234	7	26	9	49	46.6	.044	7	F6 V	3.58	3.58		
275	7	26	11	-51	18.0	.057	13	G5 IV	5.52	5.52		
9235	7	26	52	68	43.6	.053	10	DM0	9.41	9.41		
276	7	28	18	14	43.5	.046	10	DK8	7.27	7.27		
277A	7	28	40	36	19.7	.088	6	DM4E	10.33	10.33	SB	
277B	7	28	40	36	20.4	.088	6	DM4E	11.47	11.47		
9236	7	29	57	63	3.0	.048	5	DM0	9.21	9.21		
278A	7	31	25	32	.0	.068	4	A1 V	.74J	1.17	SB	IRC +30188
278C	7	31	26	31	58.8	.068	4	MOE V	8.24J	8.24	EB SB	IRC +30188
279	7	31	55	-22	11.2	.053	10	F7 IV	3.07	3.07		
9237	7	33	32	-3	2.5	.040	13	GO	5.16	5.16		
9238	7	34	49	28	23.7	.041	10	M4	13.66P	12.21		

TABLE 1—Continued

NAME	RADIUS SUN=1	TEMP K	F2.2	F3.4	F4.2	F5.0	F10.2	F11.8	F24.4	F58.6	F101.
WATTS/CM2/MICRON											
246	.01	22200.	4.66-19	8.62-20	3.77-20	1.90-20	1.14-21	6.37-22	3.53-23	1.07-24	1.22-25
247	.74	4167.	1.62-16	3.96-17	1.90-17	1.02-17	7.13-19	4.08-19	2.41-20	7.56-22	8.67-23
248	1.83	8738.	2.89-15	5.86-16	2.64-16	1.36-16	8.57-18	4.84-18	2.75-19	8.42-21	9.60-22
249	.67	3895.	2.16-16	5.45-17	2.64-17	1.42-17	1.01-18	5.78-19	3.44-20	1.08-21	1.24-22
9218	1.10	6568.	5.83-16	1.25-16	5.73-17	2.98-17	1.94-18	1.10-18	6.31-20	1.95-21	2.22-22
250A	.78	4422.	7.23-16	1.73-16	8.26-17	4.41-17	3.04-18	1.74-18	1.02-19	3.20-21	3.67-22
250B	.49	3430.	1.68-16	4.50-17	2.22-17	1.21-17	8.86-19	5.09-19	3.07-20	9.70-22	1.12-22
9219	1.46	5623.	6.00-16	1.33-16	6.20-17	3.26-17	2.16-18	1.23-18	7.11-20	2.20-21	2.52-22
251	.41	3308.	2.87-16	7.81-17	3.88-17	2.12-17	1.57-18	9.03-19	5.45-20	1.73-21	1.99-22
9220A	1.23	7145.	6.60-16	1.39-16	6.34-17	3.29-17	2.11-18	1.20-18	6.85-20	2.11-21	2.41-22
9220B	.86	5035.	1.82-16	4.17-17	1.96-17	1.04-17	7.00-19	3.98-19	2.32-20	7.23-22	8.28-23
9221	.55	3556.	9.76-17	2.56-17	1.26-17	6.83-18	4.95-19	2.84-19	1.71-20	5.39-22	6.19-23
252	1.03	5970.	5.90-16	1.29-16	5.97-17	3.13-17	2.06-18	1.17-18	6.74-20	2.08-21	2.38-22
253	.73	4132.	2.52-16	6.19-17	2.98-17	1.60-17	1.12-18	6.40-19	3.79-20	1.19-21	1.36-22
254	.62	3740.	1.60-16	4.10-17	2.00-17	1.08-17	7.74-19	4.44-19	2.65-20	8.35-22	9.60-23
9222	.87	5098.	1.80-16	4.12-17	1.93-17	1.02-17	6.87-19	3.91-19	2.28-20	7.10-22	8.12-23
255A	.41	6252.	1.59-16	3.44-17	1.59-17	8.28-18	5.41-19	3.07-19	1.77-20	5.47-22	6.25-23
255B	.82	4705.	3.93-16	9.23-17	4.37-17	2.32-17	1.58-18	9.03-19	5.29-20	1.65-21	1.89-22
256	.83	4757.	5.80-17	1.35-17	6.40-18	3.40-18	2.32-19	1.32-19	7.73-21	2.41-22	2.76-23
257A	.36	3220.	9.34-17	2.58-17	1.29-17	7.07-18	5.25-19	3.03-19	1.83-20	5.82-22	6.71-23
257B	.34	3199.	8.32-17	2.31-17	1.15-17	6.33-18	4.72-19	2.72-19	1.65-20	5.23-22	6.03-23
258	.50	3452.	5.39-17	1.44-17	7.08-18	3.86-18	2.82-19	1.62-19	9.75-21	3.08-22	3.55-23
259	.86	4987.	4.63-16	1.06-16	5.01-17	2.65-17	1.79-18	1.02-18	5.95-20	1.85-21	2.12-22
260	.87	5056.	4.01-16	9.20-17	4.32-17	2.28-17	1.54-18	8.77-19	5.11-20	1.59-21	1.82-22
262	.99	5788.	5.77-16	1.27-16	5.90-17	3.09-17	2.04-18	1.16-18	6.72-20	2.08-21	2.38-22
263	.48	3414.	5.34-17	1.43-17	7.07-18	3.86-18	2.82-19	1.62-19	9.78-21	3.10-22	3.56-23
264	.74	4141.	1.57-16	3.86-17	1.85-17	9.95-18	6.96-19	3.98-19	2.36-20	7.39-22	8.48-23
9223A	1.06	6239.	5.57-16	1.21-16	5.56-17	2.90-17	1.90-18	1.08-18	6.20-20	1.92-21	2.19-22
9223B	.92	5410.	3.31-16	7.44-17	3.47-17	1.83-17	1.22-18	6.93-19	4.03-20	1.25-21	1.43-22
265A	.62	3729.	1.06-16	2.71-17	1.32-17	7.16-18	5.13-19	2.94-19	1.76-20	5.53-22	6.36-23
265B	.23	3089.	9.21-18	2.60-18	1.31-18	7.22-19	5.43-20	3.13-20	1.91-21	6.07-23	7.00-24
266	.68	3941.	7.46-17	1.87-17	9.04-18	4.87-18	3.44-19	1.97-19	1.17-20	3.68-22	4.23-23
267	.77	4296.	1.06-16	2.58-17	1.23-17	6.59-18	4.58-19	2.61-19	1.54-20	4.83-22	5.54-23
268	.29	3156.	1.27-16	3.54-17	1.77-17	9.75-18	7.29-19	4.20-19	2.55-20	8.11-22	9.35-23
9225	1.26	7261.	8.52-16	1.78-16	8.14-17	4.22-17	2.71-18	1.53-18	8.77-20	2.70-21	3.08-22
9226	.72	4061.	1.37-16	3.40-17	1.64-17	8.80-18	6.18-19	3.54-19	2.10-20	6.58-22	7.55-23
9227	.47	3391.	1.30-16	3.49-17	1.72-17	9.42-18	6.91-19	3.97-19	2.40-20	7.58-22	8.72-23
9228	.78	9376.	3.56-16	7.13-17	3.21-17	1.65-17	1.03-18	5.82-19	3.29-20	1.01-21	1.15-22
9229	.73	4132.	1.09-16	2.67-17	1.29-17	6.89-18	4.83-19	2.76-19	1.63-20	5.13-22	5.88-23
9230	.52	3482.	3.65-17	9.67-18	4.76-18	2.59-18	1.89-19	1.09-19	6.53-21	2.06-22	2.37-23
9231A	1.89	8873.	2.13-15	4.30-16	1.94-16	9.98-17	6.28-18	3.55-18	2.01-19	6.16-21	7.03-22
9231B	.68	3952.	7.21-17	1.80-17	8.72-18	4.70-18	3.32-19	1.90-19	1.13-20	3.55-22	4.07-23
269A	.82	4711.	5.72-16	1.34-16	6.34-17	3.37-17	2.30-18	1.31-18	7.69-20	2.40-21	2.75-22
269B	.73	4101.	3.41-16	8.42-17	4.05-17	2.17-17	1.52-18	8.72-19	5.17-20	1.62-21	1.86-22
270	.67	3855.	9.56-17	2.42-17	1.17-17	6.33-18	4.50-19	2.58-19	1.54-20	4.83-22	5.55-23
271A	1.51	6918.	1.98-15	4.19-16	1.92-16	9.96-17	6.43-18	3.64-18	2.09-19	6.43-21	7.34-22
271B	.75	4212.	2.08-16	5.08-17	2.43-17	1.30-17	9.09-19	5.20-19	3.07-20	9.63-22	1.10-22
9232	1.09	6444.	3.95-16	8.49-17	3.91-17	2.04-17	1.33-18	7.52-19	4.32-20	1.33-21	1.52-22
272	.58	3633.	8.79-17	2.28-17	1.12-17	6.06-18	4.37-19	2.51-19	1.50-20	4.74-22	5.44-23
273	.34	3200.	4.63-16	1.28-16	6.40-17	3.52-17	2.62-18	1.51-18	9.16-20	2.91-21	3.35-22
9233	.86	5000.	1.78-16	4.09-17	1.92-17	1.02-17	6.88-19	3.92-19	2.29-20	7.12-22	8.15-23
274A	1.16	6832.	1.11-15	2.35-16	1.08-16	5.60-17	3.62-18	2.05-18	1.18-19	3.63-21	4.14-22
274B	.38	3262.	3.05-17	8.37-18	4.16-18	2.29-18	1.69-19	9.75-20	5.90-21	1.87-22	2.16-23
9234	1.10	6520.	4.97-16	1.07-16	4.90-17	2.55-17	1.66-18	9.41-19	5.41-20	1.67-21	1.91-22
275	.75	5623.	3.08-16	6.84-17	3.18-17	1.67-17	1.11-18	6.30-19	3.65-20	1.13-21	1.29-22
9235	.58	3636.	6.90-17	1.79-17	8.76-18	4.75-18	3.43-19	1.97-19	1.18-20	3.71-22	4.27-23
276	.74	4170.	1.13-16	2.78-17	1.33-17	7.15-18	5.00-19	2.86-19	1.69-20	5.30-22	6.08-23
277A	.48	3407.	1.13-16	3.02-17	1.49-17	8.14-18	5.96-19	3.43-19	2.07-20	6.54-22	7.52-23
277B	.38	3252.	6.31-17	1.73-17	8.62-18	4.73-18	3.51-19	2.02-19	1.22-20	3.88-22	4.47-23
9236	.60	3700.	6.38-17	1.64-17	8.02-18	4.34-18	3.12-19	1.79-19	1.07-20	3.37-22	3.87-23
278A	2.15	9463.	7.89-15	1.58-15	7.10-16	3.64-16	2.28-17	1.29-17	7.28-19	2.23-20	2.54-21
278C	.68	3925.	1.83-16	4.60-17	2.23-17	1.20-17	8.50-19	4.87-19	2.89-20	9.09-22	1.04-22
279	1.53	6353.	1.35-15	2.91-16	1.34-16	6.99-17	4.56-18	2.58-18	1.49-19	4.60-21	5.25-22
9237	.93	5500.	2.25-16	5.04-17	2.35-17	1.23-17	8.22-19	4.67-19	2.71-20	8.41-22	9.62-23
9238	.32	3183.	9.47-18	2.63-18	1.31-18	7.23-19	5.40-20	3.11-20	1.89-21	5.99-23	6.90-24

TABLE 1—Continued

NAME	RA (1950)			DEC (1950)		PARALLAX		SPEC CLASS		ABS MAG	ABS MAG	NOTES	MIRC
	H	M	S	DEG	ARC MIN	ARC SEC							
9239	7	36	3	19	20.4	.042	S	DMO		8.32	8.32		
280A	7	36	41	5	21.2	.287	4	F5	IV	2.66	2.66	SB	IRC +10170
281	7	36	48	2	18.2	.078		DMO		9.10	9.10		
282A	7	37	29	-3	28.7	.085	14	K2	V	6.85	6.85		
282B	7	37	33	-3	29.0	.085	14	DK5		8.59	8.59		
283A	7	38	2	-17	17.4	.146	7	WDF		13.76	13.76		
284	7	41	24	-45	2.6	.055	8	G5	IV	3.76	3.76		
285	7	42	4	3	40.8	.167	5	DM4E		12.31V	12.31	UV	
9240	7	42	11	70	19.9	.045	9	DG6		5.36	5.36		
286	7	42	16	28	8.8	.095	6	K0	III	1.03	1.03		IRC +30194
287	7	42	25	2	15.7	.038		DMO		8.10	8.10		
288A	7	43	43	-34	4.3	.063	7	G0	V	4.36	4.36		
9241	7	44	43	-13	48.3	.041	12	M1		11.06P	9.69		
289	7	45	15	20	30.5	.074	7	M2		10.75	10.75		
290	7	48	7	80	23.7	.070	5	DG8		5.79	5.79		
9242	7	48	31	-59	15.0	.043	14	G5		5.66	5.66		
291A	7	49	27	-13	45.8	.069	5	G1	V MS	4.35J	4.89	SB	
291B	7	49	27	-13	45.8	.069	5			5.36	5.36		
9243	7	49	42	-50	10.7	.047	11	K2		9.16P	8.35		
9244	7	50	22	30	45.4	.040	4	G2	VI	6.34	6.34		
292A	7	50	24	-34	34.6	.073	7	F5	V	4.33J	4.39		
292B	7	50	24	-34	34.6	.073	7	K3		7.42	7.42		
9245	7	52	3	-1	16.7	.052	11	G8	V	6.01	6.01		
9246	7	55	57	-25	29.2	.044	7	DK8		6.62	6.62		
9247	7	56	45	-34	48.6	.042	7	G6	V	6.06	6.06		
294A	7	56	52	-60	10.1	.063	7	G2	V	4.57	4.57		
294B	7	56	59	-60	9.7	.063	7	K	MS	8.83J	8.87		
294C	7	56	59	-60	9.7	.063	7			12.40	12.40		
295	7	57	27	29	22.0	.058	5	G8	V	5.82	5.82		
9248	7	57	28	13	56.1	.056	12	DK8		9.04	9.04		
296	7	58	15	-39	53.5	.057	11	K7	V	8.40	8.40		
9249A	8	1	37	12	26.0	.042	4	DK2	MS	6.02J	6.81		
9249B	8	1	37	12	26.0	.042	4			6.82	6.82		
9249C	8	1	37	12	26.0	.042	4			9.52	9.52		
9250	8	2	29	34	13.3	.040	5	DMOP		8.41	8.41	GL	1225S
9251A	8	4	25	7	31.9	.046	5	DK8		8.76	8.76		
9251B	8	4	25	7	31.9	.046	5			9.17	9.17		
9252	8	4	58	-29	15.2	.053	7	G4	V	5.42	5.42		
9253	8	5	11	69	52.1	.046	10	DF8		4.91	4.91	SB	
9254	8	8	11	-61	9.0	.056	7	DF7		3.49	3.49		
9255A	8	8	21	-13	39.0	.050	8	DF7		4.02	4.02		
9255B	8	8	21	-13	39.0	.050	8	M3		9.99	9.99		
9256	8	8	31	32	36.9	.044	5	G4	V	5.04	5.04		
299	8	9	11	8	59.5	.151	5	DM5		13.66	13.66		
9257A	8	9	21	17	48.0	.042	3	F8	V	3.17J	4.35		
9257B	8	9	21	17	48.0	.042	3	G0		4.42	4.42		
9257C	8	9	21	17	48.0	.042	3	DG2		4.32	4.32	AB	
9258	8	10	25	-7	3.0	.042	13	K0		6.32	6.32		
301A	8	10	50	-13	45.5	.057	9	DMO	MS	8.15J	8.83	SB	
301B	8	10	50	-13	45.5	.057	9			8.98	8.98		
9259	8	11	10	-40	23.0	.042	12	K0		7.51	7.51		
9260	8	15	5	30	46.0	.046	4	K4	V	7.15	7.15		
302	8	16	2	-12	27.7	.079	5	G8	V	5.47	5.47		
9261	8	16	41	-36	30.2	.042	9	A7	III	2.56	2.56		
303	8	17	2	27	22.9	.063	6	F6	V	4.14	4.14		
304	8	19	41	-39	32.9	.060	12	G6	V	6.06	6.06		
305	8	19	51	-76	45.6	.052	11	F4	IV	2.64	2.64		
9262	8	20	34	22	.8	.051	11	DMO		8.08	8.08		
306	8	22	5	-3	35.3	.054	5	DF2		4.26	4.26	SB	
9263	8	23	46	-29	45.6	.054	12	G4	V	6.46	6.46		
307	8	24	5	22	7.3	.034		DMO		8.06	8.06		
9264	8	24	8	45	49.4	.047	6	DG4		4.72	4.72		
9265	8	24	8	29	5.6	.043	5	DK8		7.82	7.82		
308A	8	25	15	35	11.2	.051	11	DMO		10.04	10.04		
308B	8	25	15	35	11.2	.051	11			10.14	10.14		

TABLE 1—Continued

NAME	RADIUS SUN=1	TEMP K	F2.2	F3.4	F4.2	F5.0	F10.2	F11.8	F24.4	F58.6	F101.
WATTS/CM ² /MICRON											
9239	.68	3908.	6.87-17	1.73-17	8.37-18	4.51-18	3.20-19	1.83-19	1.09-20	3.42-22	3.93-23
280A	1.63	6561.	4.69-14	1.00-14	4.62-15	2.40-15	1.56-16	8.85-17	5.09-18	1.57-19	1.79-20
281	.62	3732.	1.80-16	4.61-17	2.25-17	1.22-17	8.71-19	4.99-19	2.98-20	9.40-22	1.08-22
282A	.78	4366.	4.61-16	1.11-16	5.30-17	2.83-17	1.96-18	1.12-18	6.60-20	2.07-21	2.37-22
282B	.67	3850.	2.64-16	6.69-17	3.24-17	1.75-17	1.25-18	7.14-19	4.25-20	1.34-21	1.54-22
283A	.01	7800.	5.52-19	1.14-19	5.18-20	2.68-20	1.71-21	9.64-22	5.50-23	1.69-24	1.93-25
284	1.69	5623.	1.45-15	3.22-16	1.50-16	7.87-17	5.22-18	2.96-18	1.72-19	5.33-21	6.09-22
285	.31	3176.	1.48-16	4.12-17	2.06-17	1.13-17	8.46-19	4.88-19	2.96-20	9.40-22	1.08-22
9240	.91	5351.	2.57-16	5.80-17	2.71-17	1.43-17	9.54-19	5.43-19	3.15-20	9.79-22	1.12-22
286	13.64	4790.	2.12-13	4.94-14	2.34-14	1.24-14	8.43-16	4.81-16	2.81-17	8.77-19	1.00-19
287	.69	3957.	5.93-17	1.48-17	7.17-18	3.86-18	2.73-19	1.56-19	9.29-21	2.92-22	3.35-23
288A	1.03	6054.	8.04-16	1.75-16	8.11-17	4.24-17	2.78-18	1.58-18	9.11-20	2.82-21	3.22-22
9241	.55	3547.	3.48-17	9.15-18	4.49-18	2.44-18	1.77-19	1.02-19	6.11-21	1.93-22	2.22-23
289	.44	3344.	6.41-17	1.73-17	8.59-18	4.70-18	3.46-19	1.99-19	1.20-20	3.81-22	4.38-23
290	.86	5042.	5.07-16	1.16-16	5.47-17	2.89-17	1.95-18	1.11-18	6.48-20	2.02-21	2.31-22
9242	.87	5133.	2.02-16	4.62-17	2.17-17	1.14-17	7.70-19	4.38-19	2.55-20	7.94-22	9.09-23
291A	.97	5702.	7.67-16	1.70-16	7.89-17	4.14-17	2.74-18	1.56-18	9.01-20	2.79-21	3.19-22
291B	.91	5351.	6.05-16	1.36-16	6.37-17	3.36-17	2.24-18	1.28-18	7.41-20	2.30-21	2.63-22
9243	.68	3901.	8.55-17	2.15-17	1.04-17	5.62-18	3.98-19	2.28-19	1.36-20	4.27-22	4.90-23
9244	.47	5808.	6.28-17	1.38-17	6.42-18	3.36-18	2.22-19	1.26-19	7.30-21	2.26-22	2.58-23
292A	1.03	6030.	1.07-15	2.33-16	1.08-16	5.64-17	3.71-18	2.10-18	1.21-19	3.76-21	4.29-22
292B	.73	4123.	2.71-16	6.67-17	3.21-17	1.72-17	1.21-18	6.90-19	4.08-20	1.28-21	1.47-22
9245	.85	4891.	2.54-16	5.89-17	2.78-17	1.47-17	9.97-19	5.68-19	3.32-20	1.03-21	1.18-22
9246	.79	4498.	1.37-16	3.27-17	1.56-17	8.29-18	5.71-19	3.26-19	1.92-20	5.99-22	6.86-23
9247	.84	4857.	1.62-16	3.76-17	1.77-17	9.41-18	6.39-19	3.64-19	2.13-20	6.63-22	7.60-23
294A	1.01	5911.	7.43-16	1.63-16	7.55-17	3.95-17	2.60-18	1.48-18	8.54-20	2.64-21	3.02-22
294B	.65	3789.	1.32-16	3.37-17	1.64-17	8.85-18	6.32-19	3.62-19	2.16-20	6.80-22	7.81-23
294C	.31	3170.	1.99-17	5.55-18	2.77-18	1.53-18	1.14-19	6.58-20	3.99-21	1.27-22	1.46-23
295	.86	5021.	3.44-16	7.89-17	3.71-17	1.96-17	1.33-18	7.55-19	4.40-20	1.37-21	1.57-22
9248	.63	3748.	9.58-17	2.45-17	1.19-17	6.46-18	4.62-19	2.65-19	1.58-20	4.99-22	5.73-23
296	.67	3891.	1.24-16	3.13-17	1.52-17	8.18-18	5.80-19	3.33-19	1.98-20	6.22-22	7.15-23
9249A	.78	4388.	1.15-16	2.76-17	1.32-17	7.02-18	4.86-19	2.77-19	1.63-20	5.11-22	5.86-23
9249B	.78	4382.	1.14-16	2.75-17	1.31-17	6.99-18	4.84-19	2.76-19	1.63-20	5.10-22	5.84-23
9249C	.57	3600.	4.05-17	1.06-17	5.18-18	2.81-18	2.03-19	1.17-19	6.99-21	2.21-22	2.54-23
9250	.67	3889.	6.11-17	1.54-17	7.46-18	4.02-18	2.85-19	1.64-19	9.73-21	3.06-22	3.51-23
9251A	.66	38.4.	7.35-17	1.87-17	9.08-18	4.90-18	3.49-19	2.00-19	1.19-20	3.76-22	4.32-23
9251B	.61	3712.	6.00-17	1.54-17	7.53-18	4.08-18	2.92-19	1.68-19	1.00-20	3.16-22	3.63-23
9252	.90	5306.	3.46-16	7.82-17	3.66-17	1.93-17	1.29-18	7.33-19	4.26-20	1.32-21	1.52-22
9253	.97	5691.	3.38-16	7.50-17	3.48-17	1.83-17	1.21-18	6.88-19	3.98-20	1.23-21	1.41-22
9254	1.10	6568.	8.27-16	1.77-16	8.13-17	4.23-17	2.75-18	1.56-18	8.95-20	2.76-21	3.16-22
9255A	1.06	6239.	5.57-16	1.21-16	5.56-17	2.90-17	1.90-18	1.08-18	6.20-20	1.92-21	2.19-22
9255B	.51	3469.	4.36-17	1.16-17	5.70-18	3.11-18	2.27-19	1.30-19	7.83-21	2.48-22	2.85-23
9256	.95	5592.	2.90-16	6.46-17	3.00-17	1.58-17	1.05-18	5.95-19	3.45-20	1.07-21	1.22-22
299	.22	3079.	5.40-17	1.53-17	7.68-18	4.24-18	3.19-19	1.84-19	1.12-20	3.57-22	4.12-23
9257A	1.03	6061.	3.58-16	7.81-17	3.61-17	1.89-17	1.24-18	7.04-19	4.06-20	1.26-21	1.43-22
9257B	1.00	6067.	3.34-16	7.28-17	3.36-17	1.76-17	1.15-18	6.55-19	3.78-20	1.17-21	1.34-22
9257C	1.04	6079.	3.62-16	7.88-17	3.64-17	1.90-17	1.25-18	7.09-19	4.09-20	1.26-21	1.45-22
9258	.82	4685.	1.44-16	3.38-17	1.60-17	8.49-18	5.80-19	3.31-19	1.94-20	6.06-22	6.94-23
301A	.65	3798.	1.10-16	2.80-17	1.36-17	7.35-18	5.24-19	3.01-19	1.79-20	5.64-22	6.48-23
301B	.63	3763.	1.03-16	2.62-17	1.28-17	6.90-18	4.93-19	2.83-19	1.69-20	5.32-22	6.11-23
9259	.73	4098.	8.71-17	2.15-17	1.03-17	5.55-18	3.89-19	2.23-19	1.32-20	4.14-22	4.75-23
9260	.75	4216.	1.19-16	2.90-17	1.39-17	7.44-18	5.19-19	2.97-19	1.75-20	5.49-22	6.30-23
302	.89	5270.	7.49-16	1.70-16	7.94-17	4.18-17	2.80-18	1.59-18	9.28-20	2.88-21	3.30-22
9261	1.33	7889.	8.92-16	1.84-16	8.35-17	4.31-17	2.74-18	1.55-18	8.84-20	2.72-21	3.10-22
303	1.05	6169.	8.54-16	1.85-16	8.56-17	4.47-17	2.93-18	1.66-18	9.57-20	2.96-21	3.38-22
304	.84	4857.	3.31-16	7.68-17	3.62-17	1.92-17	1.30-18	7.43-19	4.34-20	1.35-21	1.55-22
305	1.55	6683.	1.44-15	3.07-16	1.41-16	7.33-17	4.75-18	2.69-18	1.54-19	4.77-21	5.44-22
9262	.69	3962.	1.07-16	2.69-17	1.30-17	6.99-18	4.94-19	2.83-19	1.68-20	5.28-22	6.06-23
306	1.04	6109.	6.07-16	1.32-16	6.11-17	3.19-17	2.09-18	1.19-18	6.85-20	2.12-21	2.42-22
9263	.81	4596.	2.23-16	5.26-17	2.50-17	1.33-17	9.11-19	5.20-19	3.05-20	9.53-22	1.09-22
307	.69	3967.	4.80-17	1.20-17	5.80-18	3.12-18	2.21-19	1.26-19	7.50-21	2.36-22	2.71-23
9264	.99	5814.	3.86-16	8.50-17	3.94-17	2.07-17	1.36-18	7.75-19	4.48-20	1.39-21	1.59-22
9265	.70	4024.	8.28-17	2.06-17	9.93-18	5.34-18	3.76-19	2.15-19	1.28-20	4.01-22	4.60-23
308A	.51	3459.	4.41-17	1.17-17	5.78-18	3.15-18	2.30-19	1.32-19	7.95-21	2.52-22	2.89-23
308B	.50	3440.	4.18-17	1.11-17	5.50-18	3.00-18	2.19-19	1.26-19	7.59-21	2.40-22	2.76-23

TABLE 1—Continued

NAME	RA (1950)			DEC (1950)		PARALLAX	SPEC CLASS	ABS MAG	ABS MAG	NOTES	MIRC
	H	M	S	DEG	ARC MIN						
9266	8	25	39	61	54.1	.046	S	DMO	8.31	8.31	
9267	8	27	8	-1	34.1	.049	8	K3	11.95P	11.06	
309	8	30	54	-31	20.4	.086	11	KO	6.04	6.04	
9269	8	31	36	-23	11.1	.040	12	DG5	5.20	5.20	
310	8	31	55	67	28.0	.078	8	DM1	8.76	8.76	
9270	8	32	9	41	55.3	.041	7	K2	6.86	6.86	
9271A	8	33	12	6	47.6	.050	5	DF6	4.48	4.48	SB
9271B	8	33	12	6	47.9	.050	5	DG5	5.74	5.74	
311	8	34	47	65	11.7	.064	6	GO	4.67	4.67	
9273	8	35	24	-6	37.9	.042	12	GO	4.86	4.86	
312	8	35	31	-39	58.3	.059	13	G4	5.39	5.39	
313	8	36	24	-13	4.8	.036		DK8	7.43	7.43	
314A	8	36	57	-22	29.4	.062	6	F8	4.01	4.01	SB
314B	8	36	57	-22	29.4	.062	6	F6	5.66	5.66	
315	8	37	7	11	42.4	.051	6	DK3	6.17	6.17	
316	8	37	32	-6	17.7	.032		DMO	7.41	7.41	
318	8	39	36	-32	46.9	.108	7	WDA	12.27	12.27	
9274	8	39	58	44	40.5	.048	12	M4	13.81P	12.36	
319A	8	40	2	9	44.6	.064	6	MO	8.68J	8.71	SB
319B	8	40	2	9	44.6	.064	6		12.53	12.53	
319C	8	40	9	9	44.5	.064	6	M5	10.86	10.86	
9275A	8	40	22	-42	44.9	.049	12	KO	6.55	6.55	
9275B	8	40	22	-42	44.9	.049	12	M1	13.05P	11.68	
320	8	41	26	-38	42.4	.096	7	K1	6.46	6.46	
321	8	41	53	41	51.8	.061	8	K3	7.53	7.53	
9276	8	42	37	-42	28.0	.049	11	SGG5	2.51	2.51	
9277	8	42	58	-42	26.9	.047	14	G5	5.56	5.56	
9278A	8	43	19	-54	31.5	.048	7	AO	.36J	.42	
9278C	8	43	19	-54	31.5	.048	7		9.41	9.41	
9278D	8	43	19	-54	31.5	.048	7		11.91	11.91	
322	8	47	34	66	19.0	.051		DMO	7.82	7.82	
323A	8	48	2	8	3.0	.084	S	DMOP	8.70J	9.41	
323B	8	48	2	8	3.0	.084	S		9.50	9.50	
324A	8	49	37	28	31.4	.074	7	G8	5.32	5.32	
324B	8	49	42	28	30.5	.074	7	M5	12.50	12.50	
325A	8	50	44	70	59.4	.091	4	K5	7.84J	8.49	
325B	8	50	45	70	59.4	.091	4	M1	8.70	8.70	
326A	8	51	42	-12	55.5	.082	11	M6	11.97	11.97	
326B	8	51	42	-12	55.5	.082	11		12.27	12.27	
327	8	51	50	-5	14.6	.085	5	DG3	5.65	5.65	
328	8	52	33	1	45.0	.064	6	DM1	8.93	8.93	
329	8	52	47	-24	12.2	.066	12	K3	7.75	7.75	
9280	8	55	44	20	44.5	.047	11	DK5	7.62	7.62	
331A	8	55	48	48	14.3	.066	6	A7	2.24	2.24	SB
331B	8	55	48	48	14.3	.066	6	DM1	10.50	10.50	IRC +50194
331C	8	55	48	48	14.3	.066	6		10.80	10.80	IRC +50194
332A	8	57	24	41	58.9	.074	4	F5	3.30J	3.48	SB
332B	8	57	24	41	58.9	.074	4		5.32	5.32	IRC +40200
9281A	8	57	25	16	2.0	.052	S	DMO	8.48	8.48	
9281B	8	57	25	16	2.0	.052	S		9.08	9.08	
333	8	57	52	-47	15.0	.074	14	M3	13.75P	12.31	
9282A	8	58	11	5	26.7	.056	13	DM4	11.12	11.12	
9282B	8	58	13	5	26.5	.056	13	DM5	11.44	11.44	
9283	8	58	11	-58	53.5	.053	7	DF4	3.77	3.77	
9284	9	1	40	-66	11.7	.050	11	A5	2.50	2.50	SB
334	9	4	20	-8	36.5	.084	13	DMO	9.13	9.13	SB
9285	9	5	21	73	36.9	.049	10	K5	7.95	7.95	GL 1318S
9286	9	5	51	26	50.1	.042	6	DG3	4.12	4.12	SB
335A	9	6	1	67	20.4	.054	9	F7	3.47J	3.51	
335B	9	6	1	67	20.4	.054	9		7.06	7.06	
9287A	9	6	26	-25	38.1	.044	13	G1	4.99	4.99	
9287B	9	6	26	-25	38.1	.044	13		11.22	11.22	
336	9	6	29	33	1.9	.039		DM2	7.91	7.91	
9288	9	8	11	46	49.4	.050	S	DMO	9.39	9.39	
9289A	9	9	3	-45	6.1	.045	12	KO	8.03	8.03	

TABLE 1—Continued

NAME	RADIUS SUN=1	TEMP K	F2.2	F3.4	F4.2	F5.0	F10.2	F11.8	F24.4	F58.6	F101.
WATTS/CM2/MICRON											
9266	.68	3910.	8.26-17	2.08-17	1.01-17	5.42-18	3.84-19	2.20-19	1.31-20	4.11-22	4.72-23
9267	.41	3304.	2.40-17	6.55-18	3.25-18	1.78-18	1.32-19	7.57-20	4.58-21	1.45-22	1.67-23
309	.84	4871.	6.86-16	1.59-16	7.50-17	3.97-17	2.70-18	1.54-18	8.99-20	2.80-21	3.21-22
9269	.93	5470.	2.21-16	4.95-17	2.31-17	1.21-17	8.08-19	4.59-19	2.66-20	8.27-22	9.46-23
310	.66	3814.	2.11-16	5.37-17	2.61-17	1.41-17	1.00-18	5.76-19	3.43-20	1.08-21	1.24-22
9270	.77	4360.	1.07-16	2.57-17	1.23-17	6.57-18	4.55-19	2.60-19	1.53-20	4.79-22	5.49-23
9271A	1.03	5970.	4.87-16	1.07-16	4.93-17	2.58-17	1.70-18	9.64-19	5.57-20	1.72-21	1.97-22
9271B	.87	5077.	2.64-16	6.05-17	2.84-17	1.50-17	1.01-18	5.76-19	3.36-20	1.04-21	1.20-22
311	1.00	5846.	7.32-16	1.61-16	7.47-17	3.91-17	2.58-18	1.47-18	8.47-20	2.62-21	3.00-22
9273	.97	5724.	2.89-16	6.39-17	2.97-17	1.56-17	1.03-18	5.85-19	3.39-20	1.05-21	1.20-22
312	.77	5715.	3.52-16	7.80-17	3.62-17	1.90-17	1.26-18	7.14-19	4.13-20	1.28-21	1.46-22
313	.73	4120.	6.57-17	1.62-17	7.78-18	4.17-18	2.92-19	1.67-19	9.90-21	3.11-22	3.56-23
314A	1.06	6246.	8.59-16	1.86-16	8.57-17	4.47-17	2.93-18	1.66-18	9.56-20	2.95-21	3.37-22
314B	.87	5133.	4.21-16	9.60-17	4.50-17	2.38-17	1.60-18	9.11-19	5.31-20	1.65-21	1.89-22
315	.83	4784.	2.27-16	5.30-17	2.50-17	1.33-17	9.04-19	5.16-19	3.02-20	9.41-22	1.08-22
316	.73	4126.	5.23-17	1.29-17	6.18-18	3.32-18	2.32-19	1.33-19	7.87-21	2.47-22	2.83-23
318	.02	9300.	1.03-18	2.06-19	9.27-20	4.76-20	2.98-21	1.68-21	9.53-23	2.92-24	3.32-25
9274	.31	3172.	1.19-17	3.30-18	1.65-18	9.08-19	6.78-20	3.91-20	2.37-21	7.54-23	8.68-24
319A	.66	3825.	1.45-16	3.67-17	1.78-17	9.63-18	6.86-19	3.93-19	2.34-20	7.37-22	8.47-23
319B	.29	3160.	1.89-17	5.27-18	2.64-18	1.45-18	1.09-19	6.26-20	3.80-21	1.21-22	1.39-23
319C	.43	3329.	4.54-17	1.23-17	6.10-18	3.34-18	2.46-19	1.42-19	8.55-21	2.71-22	3.12-23
9275A	.80	4540.	1.76-16	4.18-17	1.98-17	1.06-17	7.26-19	4.14-19	2.44-20	7.61-22	8.72-23
9275B	.36	3228.	1.76-17	4.86-18	2.42-18	1.33-18	9.89-20	5.70-20	3.45-21	1.10-22	1.26-23
320	.81	4596.	7.04-16	1.66-16	7.89-17	4.20-17	2.88-18	1.64-18	9.65-20	3.01-21	3.45-22
321	.72	4093.	1.83-16	4.51-17	2.17-17	1.16-17	8.17-19	4.67-19	2.77-20	8.69-22	9.97-23
9276	3.01	5623.	3.64-15	8.08-16	3.76-16	1.97-16	1.31-17	7.44-18	4.31-19	1.34-20	1.53-21
9277	.88	5205.	2.53-16	5.76-17	2.70-17	1.42-17	9.55-19	5.44-19	3.16-20	9.83-22	1.13-22
9278A	2.63	10658.	6.93-15	1.37-15	6.11-16	3.13-16	1.94-17	1.09-17	6.15-19	1.88-20	2.14-21
9278C	.58	3636.	5.66-17	1.47-17	7.19-18	3.90-18	2.81-19	1.61-19	9.66-21	3.05-22	3.50-23
9278D	.35	3206.	1.51-17	4.19-18	2.09-18	1.15-18	8.55-20	4.93-20	2.99-21	9.49-23	1.09-23
322	.70	4024.	1.17-16	2.90-17	1.40-17	7.51-18	5.29-19	3.03-19	1.80-20	5.64-22	6.47-23
323A	.58	3637.	1.74-16	4.51-17	2.20-17	1.20-17	8.62-19	4.95-19	2.96-20	9.34-22	1.07-22
323B	.57	3607.	1.64-16	4.28-17	2.09-17	1.14-17	8.21-19	4.71-19	2.82-20	8.91-22	1.02-22
324A	.91	5380.	7.10-16	1.60-16	7.47-17	3.93-17	2.62-18	1.49-18	8.67-20	2.69-21	3.08-22
324B	.30	3162.	2.58-17	7.18-18	3.59-18	1.98-18	1.48-19	8.53-20	5.18-21	1.65-22	1.90-23
325A	.67	3871.	3.10-16	7.83-17	3.80-17	2.05-17	1.45-18	8.34-19	4.96-20	1.56-21	1.79-22
325B	.66	3827.	2.94-16	7.45-17	3.62-17	1.95-17	1.39-18	7.97-19	4.75-20	1.49-21	1.72-22
326A	.34	3201.	4.29-17	1.19-17	5.93-18	3.26-18	2.43-19	1.40-19	8.49-21	2.70-22	3.11-23
326B	.32	3179.	3.66-17	1.02-17	5.08-18	2.80-18	2.09-19	1.20-19	7.30-21	2.32-22	2.67-23
327	.88	5140.	7.95-16	1.81-16	8.50-17	4.49-17	3.02-18	1.72-18	1.00-19	3.11-21	3.56-22
328	.64	3775.	1.33-16	3.39-17	1.65-17	8.91-18	6.36-19	3.65-19	2.18-20	6.85-22	7.87-23
329	.71	4040.	1.99-16	4.95-17	2.38-17	1.28-17	9.02-19	5.16-19	3.06-20	9.61-22	1.10-22
9280	.72	4070.	1.05-16	2.61-17	1.25-17	6.74-18	4.73-19	2.71-19	1.61-20	5.04-22	5.78-23
331A	1.56	8054.	3.11-15	6.40-16	2.90-16	1.50-16	9.51-18	5.38-18	3.06-19	9.40-21	1.07-21
331B	.46	3380.	5.80-17	1.56-17	7.71-18	4.22-18	3.09-19	1.78-19	1.07-20	3.40-22	3.91-23
331C	.43	3337.	4.97-17	1.35-17	6.67-18	3.65-18	2.69-19	1.55-19	9.35-21	2.96-22	3.41-23
332A	1.11	6572.	1.45-15	3.10-16	1.42-16	7.41-17	4.81-18	2.73-18	1.57-19	4.83-21	5.52-22
332B	.91	5380.	7.10-16	1.60-16	7.47-17	3.93-17	2.62-18	1.49-18	8.67-20	2.69-21	3.08-22
9281A	.67	3874.	1.02-16	2.57-17	1.24-17	6.71-18	4.76-19	2.73-19	1.62-20	5.11-22	5.87-23
9281B	.62	3738.	8.08-17	2.07-17	1.01-17	5.46-18	3.91-19	2.24-19	1.34-20	4.22-22	4.85-23
333	.31	3176.	2.91-17	8.09-18	4.04-18	2.22-18	1.66-19	9.57-20	5.81-21	1.85-22	2.13-23
9282A	.41	3296.	3.05-17	8.31-18	4.13-18	2.26-18	1.67-19	9.62-20	5.82-21	1.84-22	2.12-23
9282B	.38	3256.	2.59-17	7.12-18	3.54-18	1.94-18	1.44-19	8.30-20	5.02-21	1.59-22	1.84-23
9283	1.08	6401.	6.80-16	1.46-16	6.73-17	3.51-17	2.29-18	1.30-18	7.46-20	2.30-21	2.63-22
9284	1.38	8492.	1.51-15	3.08-16	1.39-16	7.18-17	4.54-18	2.56-18	1.46-19	4.46-21	5.09-22
334	.61	3724.	2.05-16	5.26-17	2.56-17	1.39-17	9.95-19	5.71-19	3.41-20	1.07-21	1.23-22
9285	.70	3993.	1.03-16	2.57-17	1.24-17	6.68-18	4.71-19	2.70-19	1.60-20	5.03-22	5.78-23
9286	1.05	6180.	3.82-16	8.28-17	3.82-17	2.00-17	1.31-18	7.42-19	4.27-20	1.32-21	1.51-22
335A	1.25	6353.	9.33-16	2.01-16	9.27-17	4.83-17	3.15-18	1.79-18	1.03-19	3.18-21	3.63-22
335B	.76	4256.	1.70-16	4.13-17	1.98-17	1.06-17	7.36-19	4.21-19	2.48-20	7.78-22	8.93-23
9287A	.96	5631.	2.97-16	6.61-17	3.07-17	1.61-17	1.07-18	6.08-19	3.52-20	1.09-21	1.25-22
9287B	.40	3284.	1.79-17	4.89-18	2.43-18	1.33-18	9.85-20	5.67-20	3.43-21	1.09-22	1.25-23
336	.70	4003.	6.62-17	1.65-17	7.96-18	4.28-18	3.02-19	1.73-19	1.03-20	3.22-22	3.70-23
9288	.58	3643.	6.22-17	1.61-17	7.88-18	4.28-18	3.08-19	1.77-19	1.06-20	3.34-22	3.84-23
9289A	.69	3974.	8.49-17	2.12-17	1.02-17	5.51-18	3.89-19	2.23-19	1.32-20	4.16-22	4.77-23

TABLE 1—*Continued*

NAME	RA (1950)			DEC (1950)		PARALLAX	SPEC CLASS		ABS MAG	ABS MAG	NOTES	MIRC
	H	M	S	DEG	ARC MIN	ARC SEC						
9289B	9	9	2	-45	6.1	.045 12	KO	V	8.57	8.57		
337A	9	9	34	15	11.8	.064 5	KO	V	5.54J	6.26		
337B	9	9	34	15	11.8	.064 5			6.33	6.33		
9290	9	10	25	61	37.9	.045 6	SGG0		3.43	3.43	SB	
338A	9	10	59	52	54.0	.166 4	DM0		8.72	8.72		
338B	9	11	1	52	54.1	.166 4	DM0		8.82	8.82		
9291A	9	11	56	77	27.2	.045 5	DK5		8.32J	8.91		
9291B	9	11	56	77	27.2	.045 5			9.27	9.27		
339	9	12	17	4	39.0	.045 12	DK5		6.47	6.47		
9292	9	12	40	-69	30.7	.044 10	A0	III	- .11	- .11		
9293	9	13	45	-37	12.2	.063 10	F3	IV	3.62	3.62		
340A	9	14	56	28	46.6	.058 4	K3	V MS	6.04J	6.77		
340E	9	14	56	28	46.6	.058 4			6.82	6.82		
9294A	9	16	36	-68	28.7	.057 10	DF5		4.16J	4.85		
9294E	9	16	36	-68	28.7	.057 10			4.98	4.98		
9295	9	16	54	1	6.6	.048 11	K0		6.31	6.31		
9296	9	18	16	-5	32.4	.049	DK8		7.56	7.56		
341	9	20	24	-60	4.1	.104 17	M0		11.39P	10.09		
9297	9	21	6	80	48.1	.058 10	DK5		8.12	8.12		
342	9	21	35	76	9.1	.058 12	DK5		7.85	7.85		
343	9	22	49	18	53.5	.061 14	M2		13.23P	11.82		
9298	9	24	20	39	43.5	.042 5	DK8		8.00	8.00		
346	9	26	24	-9	2.8	.053 5	DM0		9.10	9.10		
347A	9	26	25	-7	8.5	.064 10	M5		10.63	10.63		
348A	9	26	37	-2	33.0	.071 7	F6	V	3.87	3.87		
348B	9	26	37	-2	31.9	.071 7	K0		6.45	6.45		
9299	9	27	6	-5	9.2	.042 5	DM0		8.12	8.12		
349	9	27	19	5	52.4	.088 8	K3	V	6.92	6.92		
350A	9	28	2	27	11.0	.011	DM0		5.81	5.81		
351A	9	28	44	-40	14.7	.065 6	F2	IV MS	2.66J	3.01		
9300	9	28	44	20	30.7	.050 12	M4		11.59P	10.14		
352A	9	28	53	-13	16.0	.110 5	DM4		10.27J	11.04		
352B	9	28	53	-13	16.0	.110 5	DM4		11.01	11.01		
353	9	28	54	36	32.9	.066 7	DM2		9.33	9.33		
354A	9	29	32	51	54.4	.052 8	F6	IV	1.76	1.76	IRC +50198	
354B	9	29	32	51	54.4	.052 8			12.58	12.58	IRC +50198	
9301	9	29	50	27	12.7	.054 7	DK0		5.67	5.67		
355	9	30	1	-10	57.8	.080 12	K0		7.31	7.31		
9302	9	30	54	-20	53.5	.051 11	K0	IV	3.53	3.53	IRC -20193	
356A	9	32	40	36	2.1	.109 8	G8	IV	5.60	5.60		
356B	9	32	40	36	2.1	.109 8			13.19	13.19		
9303	9	33	10	37	45.8	.040 5	DM0		8.71	8.71		
357	9	33	43	-21	25.4	.122 12	K		13.13P	11.66		
9304	9	34	25	22	55.6	.046 5	DK8		7.81	7.81		
358	9	37	49	-40	50.6	.096 8	M		11.91	11.91		
359	9	38	11	22	15.6	.092 11	M6		15.52P	13.91		
360	9	38	22	70	15.8	.078 8	M3		10.06	10.06		
361	9	38	30	13	26.4	.076 11	DM2		9.80	9.80		
362	9	38	39	70	16.2	.091 7	M4		11.10	11.10		
363	9	38	57	56	13.2	.071 11	M5		13.46P	11.96		
9305A	9	39	10	-57	45.3	.042 11	A2		3.43	3.43	SB	
364	9	39	59	-23	41.4	.079 15	G0	V	4.42	4.42		
365	9	40	17	42	55.9	.069 5	K5	V	7.31	7.31		
366	9	41	42	76	17.2	.061 7	M2		9.73	9.73	AB	
9306A	9	41	58	-27	32.4	.051 11	F7	V	3.32J	4.01		
367	9	42	37	-45	32.1	.109 7	M4		10.79	10.79		
368	9	45	22	46	15.2	.066 6	G2	V	4.20	4.20		
9307A	9	47	2	-52	23.0	.045 12	K1	V	6.19	6.19		
9307B	9	47	2	-52	23.0	.045 12			10.27	10.27		
369	9	48	40	-12	4.5	.081 6	DM2		9.54	9.54		
370	9	49	5	-43	15.7	.099 8	K5	V	7.62	7.62		
371	9	49	37	3	27.4	.044 11	DMOP		7.11	7.11		
372	9	50	41	-3	26.9	.076 5	DM0		9.80	9.80		
373	9	52	29	63	2.0	.083 8	DM1		8.58	8.58		
374	9	54	9	-40	32.9	.068 13	K4	V	8.15	8.15		

TABLE 1—Continued

NAME	RADIUS SUN=1	TEMP K	F2.2	F3.4	F4.2	F5.0	F10.2	F11.8	F24.4	F58.6	F101.
			WATTS/CM2/MICRON								
9289B	.67	3855.	7.45-17	1.88-17	9.14-18	4.93-18	3.50-19	2.01-19	1.20-20	3.76-22	4.32-23
337A	.82	4727.	3.44-16	8.05-17	3.81-17	2.02-17	1.38-18	7.97-19	4.61-20	1.44-21	1.65-22
337B	.82	4679.	3.32-16	7.81-17	3.70-17	1.96-17	1.34-18	7.66-19	4.49-20	1.40-21	1.61-22
9290	1.57	6067.	9.54-16	2.08-16	9.61-17	5.03-17	3.30-18	1.87-18	1.08-19	3.34-21	3.82-22
338A	.66	3823.	9.70-16	2.46-16	1.20-16	6.46-17	4.60-18	2.64-18	1.57-19	4.95-21	5.68-22
338B	.65	3800.	9.36-16	2.38-16	1.16-16	6.26-17	4.46-18	2.56-18	1.53-19	4.80-21	5.52-22
9291A	.64	3781.	6.64-17	1.69-17	8.23-18	4.45-18	3.18-19	1.82-19	1.09-20	3.42-22	3.93-23
9291B	.60	3681.	5.41-17	1.40-17	6.82-18	3.70-18	2.66-19	1.52-19	9.12-21	2.87-22	3.30-23
339	.81	4590.	1.54-16	3.64-17	1.73-17	9.19-18	6.31-19	3.60-19	2.11-20	6.60-22	7.56-23
9292	3.40	10471.	9.53-15	1.88-15	8.43-16	4.31-16	2.68-17	1.51-17	8.51-19	2.60-20	2.96-21
9293	.93	6761.	7.81-16	1.66-16	7.62-17	3.96-17	2.56-18	1.45-18	8.33-20	2.57-21	2.93-22
340A	.78	4413.	2.23-16	5.35-17	2.55-17	1.36-17	9.41-19	5.37-19	3.16-20	9.90-22	1.13-22
340B	.78	4382.	2.18-16	5.24-17	2.50-17	1.33-17	9.23-19	5.27-19	3.11-20	9.72-22	1.11-22
9294A	.98	5731.	5.35-16	1.18-16	5.49-17	2.88-17	1.91-18	1.08-18	6.26-20	1.94-21	2.22-22
9294B	.96	5639.	5.02-16	1.11-16	5.18-17	2.72-17	1.80-18	1.03-18	5.94-20	1.84-21	2.11-22
9295	.82	4692.	1.89-16	4.43-17	2.10-17	1.11-17	7.61-19	4.34-19	2.54-20	7.94-22	9.09-23
9296	.72	4085.	1.17-16	2.88-17	1.39-17	7.45-18	5.23-19	2.99-19	1.77-20	5.56-22	6.38-23
341	.50	3450.	1.79-16	4.76-17	2.34-17	1.28-17	9.34-19	5.37-19	3.23-20	1.02-21	1.18-22
9297	.68	3952.	1.37-16	3.44-17	1.66-17	8.96-18	6.33-19	3.63-19	2.15-20	6.77-22	7.77-23
342	.70	4017.	1.49-16	3.71-17	1.79-17	9.63-18	6.78-19	3.88-19	2.30-20	7.23-22	8.30-23
343	.35	3214.	2.55-17	7.05-18	3.52-18	1.93-18	1.44-19	8.29-20	5.02-21	1.59-22	1.84-23
9298	.69	3981.	7.47-17	1.86-17	9.00-18	4.84-18	3.42-19	1.96-19	1.16-20	3.65-22	4.19-23
346	.62	3732.	8.30-17	2.13-17	1.04-17	5.61-18	4.02-19	2.31-19	1.38-20	4.34-22	4.99-23
347A	.45	3361.	5.10-17	1.38-17	6.81-18	3.72-18	2.74-19	1.58-19	9.50-21	3.01-22	3.46-23
348A	1.07	6334.	1.18-15	2.54-16	1.17-16	6.12-17	3.99-18	2.26-18	1.30-19	4.02-21	4.60-22
348B	.81	4602.	3.87-16	9.14-17	4.34-17	2.31-17	1.58-18	9.02-19	5.30-20	1.65-21	1.90-22
9299	.68	3952.	7.21-17	1.80-17	8.72-18	4.70-18	3.32-19	1.90-19	1.13-20	3.55-22	4.07-23
349	.77	4327.	4.79-16	1.16-16	5.53-17	2.96-17	2.05-18	1.17-18	6.91-20	2.16-21	2.48-22
350A	.86	5028.	1.24-17	2.85-18	1.34-18	7.08-19	4.78-20	2.72-20	1.59-21	4.94-23	5.66-24
351A	1.17	6918.	1.35-15	2.87-16	1.31-16	6.81-17	4.40-18	2.49-18	1.43-19	4.40-21	5.02-22
9300	.50	3440.	4.02-17	1.07-17	5.29-18	2.88-18	2.11-19	1.21-19	7.29-21	2.31-22	2.65-23
352A	.41	3307.	1.23-16	3.34-17	1.66-17	9.08-18	6.70-19	3.86-19	2.33-20	7.39-22	8.51-23
352B	.42	3310.	1.24-16	3.38-17	1.68-17	9.19-18	6.78-19	3.90-19	2.36-20	7.48-22	8.61-23
353	.59	3662.	1.12-16	2.91-17	1.42-17	7.70-18	5.54-19	3.18-19	1.90-20	6.00-22	6.89-23
354A	2.62	6471.	3.93-15	8.44-16	3.88-16	2.02-16	1.32-17	7.46-18	4.29-19	1.32-20	1.51-21
354B	.29	3156.	1.21-17	3.37-18	1.69-18	9.29-19	6.95-20	4.01-20	2.43-21	7.73-23	8.91-24
9301	.87	5126.	3.18-16	7.26-17	3.40-17	1.80-17	1.21-18	6.88-19	4.01-20	1.25-21	1.43-22
355	.74	4157.	3.38-16	8.30-17	3.98-17	2.14-17	1.49-18	8.55-19	5.06-20	1.59-21	1.82-22
9302	4.31	4790.	6.11-15	1.42-15	6.73-16	3.57-16	2.43-17	1.39-17	8.11-19	2.53-20	2.90-21
356A	1.44	4930.	3.30-15	7.62-16	3.59-16	1.90-16	1.29-17	7.33-18	4.28-19	1.33-20	1.53-21
356B	.24	3112.	3.66-17	1.03-17	5.16-18	2.85-18	2.14-19	1.23-19	7.50-21	2.39-22	2.75-23
9303	.66	3825.	5.65-17	1.43-17	6.97-18	3.76-18	2.68-19	1.54-19	9.15-21	2.88-22	3.31-23
357	.36	3230.	1.10-16	3.04-17	1.52-17	8.32-18	6.18-19	3.56-19	2.16-20	6.85-22	7.89-23
9304	.70	4026.	9.51-17	2.36-17	1.14-17	6.12-18	4.31-19	2.47-19	1.46-20	4.60-22	5.28-23
358	.35	3206.	6.05-17	1.67-17	8.36-18	4.59-18	3.42-19	1.97-19	1.19-20	3.79-22	4.37-23
359	.20	3061.	1.74-17	4.94-18	2.49-18	1.38-18	1.04-19	5.99-20	3.65-21	1.16-22	1.34-23
360	.51	3456.	1.02-16	2.72-17	1.34-17	7.30-18	5.33-19	3.06-19	1.84-20	5.83-22	6.70-23
361	.53	3515.	1.12-16	2.96-17	1.45-17	7.92-18	5.75-19	3.31-19	1.99-20	6.27-22	7.21-23
362	.41	3299.	8.13-17	2.21-17	1.10-17	6.03-18	4.45-19	2.56-19	1.55-20	4.91-22	5.66-23
363	.34	3202.	3.23-17	8.95-18	4.47-18	2.46-18	1.83-19	1.05-19	6.39-21	2.03-22	2.34-23
9305A	.77	9376.	3.85-16	7.72-17	3.47-17	1.78-17	1.12-18	6.30-19	3.56-20	1.09-21	1.24-22
364	1.03	6012.	1.24-15	2.71-16	1.26-16	6.57-17	4.31-18	2.45-18	1.41-19	4.37-21	5.00-22
365	.74	4157.	2.52-16	6.17-17	2.96-17	1.59-17	1.11-18	6.36-19	3.76-20	1.18-21	1.35-22
366	.54	3535.	7.53-17	1.98-17	9.73-18	5.29-18	3.84-19	2.21-19	1.32-20	4.18-22	4.81-23
9306A	1.06	6246.	5.81-16	1.26-16	5.80-17	3.03-17	1.98-18	1.12-18	6.47-20	2.00-21	2.28-22
367	.44	3338.	1.36-16	3.69-17	1.83-17	1.00-17	7.37-19	4.24-19	2.56-20	8.11-22	9.34-23
368	1.05	6136.	9.21-16	2.00-16	9.25-17	4.83-17	3.17-18	1.80-18	1.04-19	3.20-21	3.66-22
9307A	.83	4770.	1.75-16	4.09-17	1.93-17	1.03-17	6.99-19	3.98-19	2.33-20	7.27-22	8.33-23
9307B	.48	3417.	3.04-17	8.13-18	4.01-18	2.19-18	1.60-19	9.22-20	5.56-21	1.76-22	2.02-23
369	.56	3594.	1.49-16	3.89-17	1.90-17	1.03-17	7.48-19	4.29-19	2.57-20	8.12-22	9.34-23
370	.72	4070.	4.67-16	1.16-16	5.57-17	2.99-17	2.10-18	1.20-18	7.12-20	2.23-21	2.57-22
371	.76	4233.	1.10-16	2.69-17	1.29-17	6.90-18	4.81-19	2.75-19	1.62-20	5.09-22	5.83-23
372	.53	3515.	1.12-16	2.96-17	1.45-17	7.92-18	5.75-19	3.31-19	1.99-20	6.27-22	7.21-23
373	.67	3853.	2.53-16	6.39-17	3.10-17	1.67-17	1.19-18	6.82-19	4.06-20	1.28-21	1.47-22
374	.68	3945.	1.87-16	4.70-17	2.27-17	1.22-17	8.65-19	4.95-19	2.94-20	9.25-22	1.06-22

TABLE 1—Continued

NAME	RA (1950)			DEC (1950)		PARALLAX	SPEC CLASS	ABS MAG	ABS MAG	NOTES	MIRC
	H	M	S	DEG	ARCMIN						
375	9	56	34	-46	10.7	.075 8	M5	10.98	10.98		
9308	9	57	2	-49	45.8	.046 12		10.61P	9.75		
9310	9	57	36	27	30.4	.046 5	DM0	9.21	9.21		
376	9	58	8	32	10.2	.054 10	G2 V	4.01	4.01		
377	9	59	1	-30	9.5	.074 7	M4	10.05	10.05		
378	9	59	14	48	21.0	.057 11	DM2	8.85	8.85		
9311	9	59	23	44	49.3	.053 10	DK8	7.66	7.66		
9312	10	1	22	19	2.5	.042 5	DM0	8.32	8.32		
9313	10	4	22	3	12.6	.047 12	DM0	8.31	8.31		
9314	10	4	29	35	29.4	.045 7	A7 V	2.75	2.75		
9315	10	4	49	-14	3.6	.042 5	DM0	8.32	8.32		
9316A	10	5	43	12	12.7	.041 14	B7 V	- .58	- .58	IRC +10226	
9316B	10	5	33	12	14.5	.041 14	DK1	6.20	6.20	IRC +10226	
9316C	10	5	33	12	14.5	.041 14		11.56	11.56	IRC +10226	
379A	10	6	24	75	23.0	.052 8	DK6	8.06J	8.75		
379B	10	6	24	75	23.0	.052 8		8.88	8.88		
9317	10	7	22	-35	36.6	.048 7	DF9	4.53	4.53		
9318	10	7	40	-36	30.7	.046 8	G3 V	6.39	6.39		
380	10	8	19	49	42.5	.222 7	K7 V	8.32	8.32		
381	10	9	31	-2	25.7	.116 8	DM0	11.12	11.12		
382	10	9	46	-3	29.7	.117	DM2	9.60	9.60		
383	10	9	47	-18	22.2	.071 8	DM0	9.16	9.16		
9319	10	10	43	52	45.6	.049 15	DM0	7.98	7.98		
384A	10	10	56	-47	13.7	.066 13	G8 V	7.22J	7.32		
384B	10	10	56	-47	13.7	.066 13		9.90	9.90		
385	10	10	59	-84	52.4	.057 13		7.88	7.88		
9320	10	11	12	-32	47.0	.054 7	G1 V	5.03	5.03		
9321	10	11	15	-7	8.2	.040 11	DF6	5.20	5.20		
9322	10	11	32	3	24.2	.043 6	G1 V	5.93	5.93		
9323A	10	12	5	39	46.1	.042 10	DM0	8.28	8.28		
9323B	10	12	11	39	47.1	.042 10	DM0	8.72	8.72		
386	10	14	20	-11	42.1	.109 11	K	11.39	11.39		
387A	10	14	30	23	21.5	.060 5	DF3	4.71	4.71		
387B	10	14	30	23	21.5	.060 5	M1	10.29	10.29		
388	10	16	54	20	7.3	.206 4	M4E V	11.00V	11.00	UV D	
9324	10	17	1	19	43.5	.051 12	F6 IV	3.34	3.34		
9325	10	18	25	-15	13.8	.046 12	F8 V	5.49	5.49		
9326	10	19	13	41	29.0	.042 9	DF6	3.90	3.90		
389A	10	20	37	-59	55.0	.061 11	M	10.53P	9.20		
389B	10	20	37	-59	55.0	.061 11	M	12.43P	11.10		
9328	10	21	45	-10	9.0	.051 10	DK8	8.50	8.50		
390	10	22	44	-9	58.5	.069 7	DM0	9.29	9.29		
391	10	23	25	-73	46.5	.085 11	F3 IV	3.65	3.65	SB	
392A	10	24	59	49	3.1	.052 5	G1 V	5.03	5.03		
392B	10	24	59	49	3.1	.052 5		11.08	11.08		
9330	10	25	10	82	48.9	.045 10	F4 IV	3.53	3.53		
393	10	26	23	1	6.3	.130 10	DM2	10.20	10.20		
394	10	27	14	56	15.3	.093 13	K7 V	8.53	8.53		
395	10	27	26	56	14.2	.081 6	F8 V	4.38	4.38		
396	10	28	15	84	39.4	.065 24	K0	6.26	6.26		
397	10	28	27	45	47.5	.067 8	K7 V	7.97	7.97		
9331	10	28	30	57	22.2	.048 10	DM0	8.31	8.31		
9332	10	29	25	-53	27.7	.049 10	DF6	3.33	3.33		
398	10	33	30	5	22.7	.073 10	DM4E	11.93	11.93		
9334	10	34	3	-11	57.6	.045 7	F8 V	3.96	3.96		
400A	10	42	30	38	46.4	.082 10	DM2	8.83J	8.90		
400B	10	42	30	38	46.4	.082 10		11.87	11.87		
401	10	43	19	-18	50.5	.094 12	M	10.57	10.57		
402	10	48	19	7	5.1	.142 6	DM5	12.42	12.42	SB D	
9335	10	49	29	0	6.5	.047 11	G5	8.56	8.56		
403	10	49	30	14	15.7	.085 14	M4	13.55P	12.10		
9336	10	50	39	-20	21.5	.044 12	DG3	5.24	5.24		
9337	10	50	40	76	19.7	.044 11	DK4	7.90	7.90		
9338	10	51	3	-19	51.0	.052 12	F6 V	3.81	3.81		
404	10	51	12	-44	8.7	.058 11	F8 IV	6.91	6.91		

TABLE 1—Continued

NAME	RADIUS SUN=1	TEMP K	F2.2	F3.4	F4.2	F5.0	F10.2	F11.8	F24.4	F58.6	F101.
WATTS/CM2/MICRON											
375	.42	3314.	5.86-17	1.59-17	7.91-18	4.33-18	3.20-19	1.84-19	1.11-20	3.52-22	4.06-23
9308	.54	3529.	4.23-17	1.11-17	5.47-18	2.98-18	2.16-19	1.24-19	7.46-21	2.36-22	2.71-23
9310	.60	3700.	5.86-17	1.51-17	7.37-18	3.99-18	2.86-19	1.64-19	9.82-21	3.09-22	3.56-23
376	1.06	6246.	6.51-16	1.41-16	6.50-17	3.39-17	2.22-18	1.26-18	7.25-20	2.24-21	2.56-22
377	.51	3458.	9.24-17	2.46-17	1.21-17	6.61-18	4.82-19	2.77-19	1.67-20	5.27-22	6.06-23
378	.65	3794.	1.09-16	2.78-17	1.35-17	7.30-18	5.21-19	2.99-19	1.78-20	5.60-22	6.44-23
9311	.72	4061.	1.32-16	3.27-17	1.58-17	8.47-18	5.95-19	3.41-19	2.02-20	6.34-22	7.28-23
9312	.68	3908.	6.87-17	1.73-17	8.37-18	4.51-18	3.20-19	1.83-19	1.09-20	3.42-22	3.93-23
9313	.68	3910.	8.62-17	2.17-17	1.05-17	5.66-18	4.01-19	2.30-19	1.37-20	4.29-22	4.93-23
9314	1.28	7317.	8.44-16	1.77-16	8.05-17	4.17-17	2.68-18	1.51-18	8.66-20	2.66-21	3.04-22
9315	.68	3908.	6.87-17	1.73-17	8.37-18	4.51-18	3.20-19	1.83-19	1.09-20	3.42-22	3.93-23
9316A	3.37	13728.	1.16-14	2.21-15	9.81-16	4.99-16	3.04-17	1.71-17	9.57-19	2.91-20	3.31-21
9316B	.83	4764.	1.45-16	3.38-17	1.60-17	8.48-18	5.78-19	3.30-19	1.93-20	6.02-22	6.89-23
9316C	.37	3242.	1.31-17	3.60-18	1.79-18	9.85-19	7.31-20	4.21-20	2.55-21	8.09-23	9.32-24
379A	.66	3816.	9.43-17	2.40-17	1.16-17	6.29-18	4.48-19	2.57-19	1.53-20	4.82-22	5.53-23
379B	.64	3787.	8.96-17	2.29-17	1.11-17	6.01-18	4.29-19	2.46-19	1.47-20	4.61-22	5.30-23
9317	1.02	5937.	4.39-16	9.62-17	4.46-17	2.33-17	1.54-18	8.72-19	5.03-20	1.56-21	1.78-22
9318	.81	4640.	1.67-16	3.93-17	1.86-17	9.91-18	6.79-19	3.87-19	2.27-20	7.09-22	8.12-23
380	.68	3908.	1.92-15	4.83-16	2.34-16	1.26-16	8.93-18	5.12-18	3.04-19	9.56-21	1.10-21
381	.41	3296.	1.31-16	3.56-17	1.77-17	9.70-18	7.17-19	4.13-19	2.50-20	7.91-22	9.11-23
382	.56	3574.	2.99-16	7.84-17	3.84-17	2.09-17	1.51-18	8.68-19	5.21-20	1.64-21	1.89-22
383	.61	3715.	1.44-16	3.70-17	1.80-17	9.76-18	7.00-19	4.01-19	2.40-20	7.56-22	8.69-23
9319	.69	3986.	1.02-16	2.55-17	1.23-17	6.63-18	4.68-19	2.68-19	1.59-20	4.99-22	5.73-23
384A	.74	4155.	2.30-16	5.64-17	2.71-17	1.45-17	1.02-18	5.81-19	3.44-20	1.08-21	1.24-22
384B	.52	3489.	7.98-17	2.11-17	1.04-17	5.67-18	4.13-19	2.37-19	1.43-20	4.50-22	5.18-23
385	.70	4010.	1.43-16	3.55-17	1.71-17	9.22-18	6.50-19	3.72-19	2.21-20	6.93-22	7.96-23
9320	.95	5600.	4.39-16	9.77-17	4.55-17	2.39-17	1.58-18	9.00-19	5.22-20	1.62-21	1.85-22
9321	.93	5470.	2.21-16	4.95-17	2.31-17	1.21-17	8.08-19	4.59-19	2.66-20	8.27-22	9.46-23
9322	.85	4945.	1.80-16	4.16-17	1.96-17	1.04-17	7.02-19	4.00-19	2.33-20	7.27-22	8.32-23
9323A	.68	3916.	6.93-17	1.74-17	8.43-18	4.54-18	3.22-19	1.84-19	1.10-20	3.45-22	3.96-23
9323B	.66	3823.	6.21-17	1.58-17	7.66-18	4.14-18	2.95-19	1.69-19	1.01-20	3.17-22	3.64-23
386	.38	3262.	1.01-16	2.76-17	1.37-17	7.54-18	5.59-19	3.22-19	1.95-20	6.18-22	7.11-23
387A	.99	5820.	6.32-16	1.39-16	6.45-17	3.38-17	2.23-18	1.27-18	7.33-20	2.27-21	2.60-22
387B	.48	3414.	5.34-17	1.43-17	7.07-18	3.86-18	2.82-19	1.62-19	9.78-21	3.10-22	3.56-23
388	.42	3311.	4.38-16	1.19-16	5.91-17	3.24-17	2.39-18	1.38-18	8.31-20	2.63-21	3.03-22
9324	1.27	6471.	8.82-16	1.89-16	8.71-17	4.54-17	2.95-18	1.67-18	9.62-20	2.97-21	3.39-22
9325	.89	5255.	2.51-16	5.70-17	2.67-17	1.41-17	9.42-19	5.36-19	3.12-20	9.69-22	1.11-22
9326	1.07	6315.	4.08-16	8.82-17	4.06-17	2.12-17	1.38-18	7.85-19	4.52-20	1.40-21	1.60-22
389A	.61	3703.	1.04-16	2.67-17	1.30-17	7.05-18	5.06-19	2.90-19	1.74-20	5.47-22	6.28-23
389B	.41	3299.	3.65-17	9.95-18	4.94-18	2.71-18	2.00-19	1.15-19	6.96-21	2.21-22	2.54-23
9328	.67	3869.	9.73-17	2.46-17	1.19-17	6.43-18	4.56-19	2.62-19	1.56-20	4.90-22	5.62-23
390	.59	3675.	1.26-16	3.25-17	1.59-17	8.60-18	6.18-19	3.55-19	2.12-20	6.69-22	7.69-23
391	.92	6761.	1.38-15	2.94-16	1.35-16	7.01-17	4.54-18	2.57-18	1.48-19	4.55-21	5.20-22
392A	.95	5600.	4.07-16	9.06-17	4.21-17	2.21-17	1.47-18	8.35-19	4.84-20	1.50-21	1.72-22
392B	.41	3301.	2.68-17	7.30-18	3.63-18	1.99-18	1.47-19	8.45-20	5.11-21	1.62-22	1.86-23
9330	1.03	6683.	4.75-16	1.01-16	4.65-17	2.42-17	1.57-18	8.88-19	5.10-20	1.57-21	1.80-22
393	.49	3430.	2.63-16	7.03-17	3.47-17	1.89-17	1.38-18	7.96-19	4.79-20	1.52-21	1.74-22
394	.67	3863.	3.21-16	8.12-17	3.94-17	2.12-17	1.51-18	8.65-19	5.15-20	1.62-21	1.86-22
395	1.03	6040.	1.32-15	2.88-16	1.33-16	6.97-17	4.58-18	2.60-18	1.50-19	4.64-21	5.30-22
396	.82	4724.	3.54-16	8.29-17	3.92-17	2.08-17	1.42-18	8.10-19	4.75-20	1.48-21	1.70-22
397	.69	3988.	1.92-16	4.78-17	2.31-17	1.24-17	8.77-19	5.02-19	2.98-20	9.36-22	1.07-22
9331	.68	3910.	8.99-17	2.26-17	1.09-17	5.90-18	4.18-19	2.40-19	1.42-20	4.48-22	5.14-23
9332	1.12	6690.	6.74-16	1.44-16	6.59-17	3.43-17	2.22-18	1.26-18	7.23-20	2.23-21	2.55-22
398	.34	3204.	3.47-17	9.59-18	4.79-18	2.63-18	1.96-19	1.13-19	6.85-21	2.17-22	2.50-23
9334	1.06	6277.	4.59-16	9.93-17	4.58-17	2.39-17	1.56-18	8.85-19	5.10-20	1.58-21	1.80-22
400A	.64	3783.	2.21-16	5.64-17	2.74-17	1.48-17	1.06-18	6.07-19	3.62-20	1.14-21	1.31-22
400B	.35	3210.	4.50-17	1.24-17	6.21-18	3.41-18	2.54-19	1.46-19	8.87-21	2.82-22	3.25-23
401	.46	3369.	1.13-16	3.06-17	1.51-17	8.27-18	6.07-19	3.50-19	2.11-20	6.67-22	7.68-23
402	.30	3168.	9.99-17	2.78-17	1.39-17	7.66-18	5.72-19	3.30-19	2.00-20	6.36-22	7.33-23
9335	.67	3857.	8.14-17	2.06-17	9.99-18	5.39-18	3.83-19	2.20-19	1.31-20	4.11-22	4.72-23
403	.33	3192.	4.33-17	1.20-17	5.99-18	3.30-18	2.46-19	1.42-19	8.59-21	2.73-22	3.14-23
9336	.92	5440.	2.62-16	5.87-17	2.74-17	1.44-17	9.61-19	5.46-19	3.17-20	9.84-22	1.13-22
9337	.70	4005.	8.46-17	2.11-17	1.02-17	5.47-18	3.85-19	2.21-19	1.31-20	4.11-22	4.72-23
9338	1.08	6373.	6.45-16	1.39-16	6.40-17	3.34-17	2.18-18	1.23-18	7.10-20	2.19-21	2.51-22
404	.28	6252.	5.17-17	1.12-17	5.15-18	2.69-18	1.76-19	9.98-20	5.75-21	1.78-22	2.03-23

TABLE 1—Continued

NAME	RA (1950)			DEC (1950)		PARALLAX	SPEC CLASS		ABS MAG	ABS MAG	NOTES	MIRC
	H	M	S	DEG	ARC MIN	ARC SEC						
9339	10	51	27	-58	35.1	.056 11	K0	IV	2.52	2.52		
9340	10	51	50	-30	53.3	.042 12	G2P		6.46	6.46		
405	10	52	54	56	17.5	.063 12	M1		11.30	11.30		
406	10	54	5	7	19.0	.429 8	DM6E		16.69V	16.69	UV	
9341	10	54	20	69	51.8	.041 8	DM0		8.37	8.37		
9342	10	55	28	48	33.5	.048 5	DM0		8.92	8.92		
407	10	56	40	40	41.9	.074 7	G0	V	4.40	4.40		
408	10	57	25	23	6.3	.151 9	DM3		10.93	10.93		
9343	10	58	50	56	39.0	.042 6	A0	V	.49	.49	SB	IRC +60206
9344A	10	59	38	16	47.4	.046 5	DM0		9.61	9.61		
9344B	10	59	38	16	47.4	.046 5	DM0		9.81	9.81		
410	10	59	57	22	14.2	.088 10	DM2E		9.24	9.24		
411	11	0	37	36	18.2	.396 4	M2	V	10.48	10.48	AB	HALL 110361
412A	11	3	0	43	47.0	.192 6	M2	V	10.18	10.18		
412B	11	3	2	43	46.6	.192 6	DM5E		15.95V	15.95	UV	
9345	11	4	29	-62	9.2	.054 10	SGG5		3.26	3.26		
9346	11	5	32	-29	54.0	.048 8	G2	V	4.95	4.95		
9347	11	5	43	-27	59.8	.049 14	K5		7.95	7.95		
413	11	5	53	16	2.5	.013	DMOP		5.34	5.34		
9348	11	7	7	15	49.1	.042 5	DM0		8.72	8.72		
9350	11	7	20	-42	11.2	.041 13	K1		7.79	7.79		
414A	11	8	20	30	43.1	.081 8	K9	V	7.92	7.92		
414B	11	8	20	30	43.1	.081 8	DM2		9.54	9.54		
9351A	11	8	35	43	41.8	.064 12	DM4		10.53	10.53		
9351B	11	8	35	43	41.6	.064 12	DM3		10.63	10.63		
415	11	8	43	-10	41.1	.051 12	DM0		7.78	7.78		
416	11	9	1	-14	42.6	.054 6	DM0		7.69	7.69		
9352	11	9	12	-22	33.0	.051 10	A2	III	3.02	3.02		
417	11	9	49	36	5.3	.042 5	G0	V	4.40	4.40		
418	11	10	39	4	45.3	.054 5	K5	V	7.40	7.40		
419	11	11	27	20	47.9	.040 13	A4	V	.57	.57	IRC	+20226
420A	11	11	57	73	44.8	.079 8	DK5		7.21	7.21		
420B	11	11	57	73	44.8	.079 8			10.69	10.69		
421A	11	12	50	-17	51.6	.062 6	DM1		8.92	8.92		
421B	11	12	51	-17	51.5	.062 6	DM1		9.01	9.01	SB	
421C	11	12	46	-17	50.5	.062 6	M5		14.00P	12.50		
9353A	11	13	12	53	2.6	.053 7	DF2		5.12	5.12		
9353B	11	13	12	53	2.9	.053 7			6.65	6.65		
9354	11	13	48	26	42.0	.040 5	DM0		8.53	8.53		
9355	11	13	57	-14	25.0	.040 5	DM0		8.01	8.01		
422	11	14	3	-57	17.5	.077 6	M		12.23P	10.85		
9356	11	14	42	-1	42.5	.044 7	DK6		7.92	7.92		
423A	11	15	31	31	48.5	.127 17	G0	V	4.31J	4.85	SB AB	IRC +30229
423B	11	15	31	31	48.5	.127 17	G0	V	5.32	5.32	SB	IRC +30229
9357	11	15	47	-4	47.5	.054 7	G8	V	5.96	5.96		
424	11	17	29	66	7.0	.119 7	M1	V	9.70V	9.70	UV	
425A	11	18	57	-20	10.7	.100 5	DM0		8.70	8.70		
425B	11	18	57	-20	10.7	.100 5			11.00	11.00		
426A	11	19	12	18	27.9	.099 13	DK0		8.08	8.08		
426B	11	19	12	18	27.9	.099 13	K6		10.78	10.78		
9358	11	20	55	7	21.7	.042 5	DM0		8.32	8.32		
9359A	11	21	19	10	48.3	.047 7	F2	IV	2.31J	2.39	IRC	+10238
9359B	11	21	19	10	48.3	.047 7			5.16	5.16	IRC	+10238
427	11	21	39	21	38.0	.073 4	WDAO		13.86	13.86		
428A	11	22	29	-61	22.4	.090 6	K7	V	6.98J	7.33		
428B	11	22	29	-61	22.4	.090 6	M0	V	8.37	8.37		
429A	11	24	13	3	17.0	.057 7	K0	IV	5.30	5.30		
429B	11	24	14	3	16.7	.057 7	K2	V	6.38	6.38		
9361	11	27	28	-51	23.2	.052 11	F6	V	5.96	5.96		
9362A	11	28	8	41	33.8	.042 13	DF1		5.08J	5.61	SB	
9362B	11	28	8	41	33.8	.042 13			6.12	6.12		
9363	11	28	18	-56	51.5	.047 8	K4	V	6.69	6.69		
9364	11	28	56	40	46.5	.045 5	DMOP		8.13	8.13		
9365	11	29	8	22	56.5	.058 11	DM1		9.32	9.32		
431	11	29	23	-40	46.3	.085 13	M		12.55	12.55		

TABLE 1—Continued

NAME	RADIUS SUN=1	TEMP K	F2.2	F3.4	F4.2	F5.0	F10.2	F11.8	F24.4	F58.6	F101.
WATTS/CM2/MICRON											
9339	6.87	4790.	1.87-14	4.36-15	2.06-15	1.09-15	7.43-17	4.23-17	2.48-18	7.73-20	8.85-21
9340	.81	4596.	1.35-16	3.18-17	1.51-17	8.04-18	5.51-19	3.15-19	1.85-20	5.77-22	6.61-23
405	.39	3273.	3.52-17	9.64-18	4.79-18	2.63-18	1.95-19	1.12-19	6.78-21	2.15-22	2.48-23
406	.13	2787.	1.31-16	3.93-17	2.01-17	1.13-17	8.75-19	5.07-19	3.12-20	1.00-21	1.15-22
9341	.67	3897.	6.48-17	1.63-17	7.90-18	4.26-18	3.02-19	1.73-19	1.03-20	3.24-22	3.72-23
9342	.64	3777.	7.50-17	1.91-17	9.31-18	5.03-18	3.59-19	2.06-19	1.23-20	3.87-22	4.45-23
407	1.03	6026.	1.10-15	2.39-16	1.11-16	5.79-17	3.80-18	2.16-18	1.25-19	3.85-21	4.41-22
408	.42	3320.	2.44-16	6.62-17	3.28-17	1.80-17	1.33-18	7.63-19	4.61-20	1.46-21	1.68-22
9343	2.58	10494.	5.00-15	9.87-16	4.41-16	2.26-16	1.40-17	7.90-18	4.45-19	1.36-20	1.55-21
9344A	.56	3571.	4.60-17	1.20-17	5.91-18	3.21-18	2.32-19	1.34-19	8.01-21	2.53-22	2.91-23
9344B	.53	3512.	4.08-17	1.08-17	5.30-18	2.89-18	2.10-19	1.20-19	7.24-21	2.29-22	2.63-23
410	.60	3691.	2.11-16	5.43-17	2.65-17	1.44-17	1.03-18	5.92-19	3.54-20	1.12-21	1.28-22
411	.46	3383.	2.11-15	5.67-16	2.80-16	1.53-16	1.12-17	6.47-18	3.90-19	1.23-20	1.42-21
412A	.49	3433.	5.80-16	1.55-16	7.64-17	4.17-17	3.05-18	1.75-18	1.06-19	3.34-21	3.84-22
412B	.13	2889.	2.87-17	8.43-18	4.29-18	2.39-18	1.83-19	1.06-19	6.51-21	2.08-22	2.40-23
9345	2.13	5623.	2.21-15	4.92-16	2.29-16	1.20-16	7.97-18	4.53-18	2.62-19	8.14-21	9.31-22
9346	.96	5662.	3.61-16	8.02-17	3.73-17	1.96-17	1.30-18	7.36-19	4.26-20	1.32-21	1.51-22
9347	.70	3993.	1.03-16	2.57-17	1.24-17	6.68-18	4.71-19	2.70-19	1.60-20	5.03-22	5.78-23
413	.91	5365.	2.17-17	4.89-18	2.28-18	1.20-18	8.03-20	4.57-20	2.65-21	8.24-23	9.43-24
9348	.66	3823.	6.21-17	1.58-17	7.66-18	4.14-18	2.95-19	1.69-19	1.01-20	3.17-22	3.64-23
9350	.71	4030.	7.60-17	1.89-17	9.10-18	4.89-18	3.44-19	1.97-19	1.17-20	3.67-22	4.21-23
414A	.70	4000.	2.85-16	7.10-17	3.42-17	1.84-17	1.30-18	7.43-19	4.41-20	1.39-21	1.59-22
414B	.56	3594.	1.49-16	3.89-17	1.90-17	1.03-17	7.48-19	4.29-19	2.57-20	8.12-22	9.34-23
9351A	.46	3375.	5.37-17	1.44-17	7.15-18	3.91-18	2.87-19	1.65-19	9.95-21	3.15-22	3.63-23
9351B	.45	3361.	5.10-17	1.38-17	6.81-18	3.72-18	2.74-19	1.58-19	9.50-21	3.01-22	3.46-23
415	.71	4033.	1.18-16	2.93-17	1.41-17	7.59-18	5.34-19	3.06-19	1.81-20	5.69-22	6.54-23
416	.71	4054.	1.36-16	3.37-17	1.62-17	8.72-18	6.13-19	3.51-19	2.08-20	6.53-22	7.50-23
9352	.93	9376.	8.28-16	1.66-16	7.47-17	3.83-17	2.40-18	1.35-18	7.67-20	2.35-21	2.67-22
417	1.03	6026.	3.53-16	7.71-17	3.57-17	1.87-17	1.23-18	6.95-19	4.01-20	1.24-21	1.42-22
418	.73	4129.	1.49-16	3.67-17	1.77-17	9.47-18	6.63-19	3.80-19	2.25-20	7.05-22	8.09-23
419	2.52	10324.	4.23-15	8.38-16	3.75-16	1.92-16	1.19-17	6.72-18	3.79-19	1.16-20	1.32-21
420A	.75	4192.	3.42-16	8.37-17	4.01-17	2.15-17	1.50-18	8.59-19	5.08-20	1.59-21	1.83-22
420B	.44	3352.	7.53-17	2.04-17	1.01-17	5.52-18	4.06-19	2.33-19	1.41-20	4.46-22	5.14-23
421A	.64	3777.	1.25-16	3.19-17	1.55-17	8.40-18	6.00-19	3.44-19	2.05-20	6.46-22	7.42-23
421B	.63	3756.	1.19-16	3.06-17	1.49-17	8.05-18	5.75-19	3.30-19	1.97-20	6.20-22	7.13-23
421C	.30	3162.	1.81-17	5.04-18	2.52-18	1.39-18	1.04-19	5.99-20	3.63-21	1.16-22	1.33-23
9353A	.94	5531.	4.04-16	9.02-17	4.20-17	2.21-17	1.47-18	8.35-19	4.84-20	1.50-21	1.72-22
9353B	.79	4480.	1.97-16	4.69-17	2.23-17	1.19-17	8.19-19	4.68-19	2.75-20	8.60-22	9.86-23
9354	.67	3863.	5.94-17	1.50-17	7.28-18	3.93-18	2.79-19	1.60-19	9.52-21	3.00-22	3.44-23
9355	.69	3979.	6.75-17	1.68-17	8.14-18	4.38-18	3.09-19	1.77-19	1.05-20	3.30-22	3.79-23
422	.43	3330.	6.60-17	1.79-17	8.87-18	4.86-18	3.58-19	2.06-19	1.24-20	3.94-22	4.54-23
9356	.70	4000.	8.41-17	2.09-17	1.01-17	5.43-18	3.83-19	2.19-19	1.30-20	4.09-22	4.69-23
423A	.97	5728.	2.65-15	5.86-16	2.72-16	1.43-16	9.44-18	5.36-18	3.10-19	9.61-21	1.10-21
423B	.91	5380.	2.09-15	4.71-16	2.20-16	1.16-16	7.73-18	4.40-18	2.55-19	7.93-21	9.07-22
9357	.85	4925.	2.80-16	6.48-17	3.05-17	1.62-17	1.09-18	6.24-19	3.64-20	1.13-21	1.30-22
424	.55	3544.	2.92-16	7.67-17	3.76-17	2.05-17	1.48-18	8.53-19	5.12-20	1.62-21	1.86-22
425A	.66	3827.	3.54-16	8.99-17	4.37-17	2.36-17	1.68-18	9.62-19	5.73-20	1.80-21	2.07-22
425B	.42	3311.	1.03-16	2.81-17	1.39-17	7.63-18	5.63-19	3.24-19	1.96-20	6.21-22	7.15-23
426A	.69	3962.	4.05-16	1.01-16	4.89-17	2.63-17	1.86-18	1.07-18	6.33-20	1.99-21	2.28-22
426B	.44	3340.	1.13-16	3.06-17	1.52-17	8.30-18	6.11-19	3.52-19	2.12-20	6.72-22	7.74-23
9358	.68	3908.	6.87-17	1.73-17	8.37-18	4.51-18	3.20-19	1.83-19	1.09-20	3.42-22	3.93-23
9359A	1.55	6918.	1.25-15	2.65-16	1.21-16	6.29-17	4.06-18	2.30-18	1.32-19	4.06-21	4.64-22
9359B	.93	5500.	3.11-16	6.96-17	3.24-17	1.71-17	1.13-18	6.45-19	3.74-20	1.16-21	1.33-22
427	.01	7400.	2.09-19	4.37-20	1.99-20	1.03-20	6.61-22	3.74-22	2.14-23	6.57-25	7.50-26
428A	.74	4149.	4.25-16	1.04-16	5.01-17	2.68-17	1.88-18	1.07-18	6.36-20	1.99-21	2.29-22
428B	.67	3897.	3.12-16	7.86-17	3.81-17	2.05-17	1.45-18	8.34-19	4.96-20	1.56-21	1.79-22
429A	1.91	4790.	1.50-15	3.49-16	1.65-16	8.74-17	5.95-18	3.39-18	1.98-19	6.19-21	7.09-22
429B	.81	4647.	2.58-16	6.06-17	2.87-17	1.53-17	1.05-18	5.97-19	3.50-20	1.09-21	1.25-22
9361	.85	4925.	2.60-16	6.01-17	2.83-17	1.50-17	1.02-18	5.78-19	3.38-20	1.05-21	1.21-22
9362A	.88	5172.	1.98-16	4.51-17	2.11-17	1.12-17	7.49-19	4.26-19	2.48-20	7.72-22	8.84-23
9362B	.84	4817.	1.58-16	3.67-17	1.73-17	9.19-18	6.25-19	3.56-19	2.08-20	6.49-22	7.44-23
9363	.79	4457.	1.52-16	3.63-17	1.73-17	9.21-18	6.35-19	3.63-19	2.13-20	6.67-22	7.65-23
9364	.68	3950.	8.25-17	2.07-17	9.99-18	5.38-18	3.80-19	2.18-19	1.29-20	4.07-22	4.67-23
9365	.59	3665.	8.73-17	2.26-17	1.10-17	5.98-18	4.30-19	2.47-19	1.48-20	4.65-22	5.35-23
431	.29	3159.	3.29-17	9.18-18	4.59-18	2.53-18	1.89-19	1.09-19	6.62-21	2.10-22	2.42-23

TABLE 1—Continued

NAME	RA (1950)			DEC (1950)		PARALLAX		SPEC	CLASS	ABS MAG	ABS MAG	NOTES	MIRC
	H	M	S	DEG	ARCMIN	ARCSEC							
9366A	11	29	32	61	21.5	.051	9	F6	V	4.02J	4.27		
9366B	11	29	32	61	21.5	.051	9			5.74	5.74		
9367	11	31	48	3	20.2	.044	10	DF5		4.00	4.00		
432A	11	32	3	-32	34.0	.105	8	KO	V	6.09	6.09		
432B	11	32	4	-32	34.0	.105	8			15.11	15.11		
433	11	32	58	-32	15.1	.091	9	M2		9.59	9.59		
9368	11	33	11	24	52.5	.042	5	DK8		7.44	7.44		
9369A	11	34	33	47	43.5	.046	5	DMOE		8.43J	10.04		
9369B	11	34	33	47	43.5	.046	5	DMO		8.71	8.71		
9370A	11	36	7	45	23.0	.049	6	GO	V	4.91	4.91		
9370B	11	36	6	45	23.0	.049	6	K2	V	6.83	6.83	SB	
9371	11	37	33	67	36.4	.044	8	SDK4		10.45	10.45		
434	11	38	25	34	29.0	.110	8	G8	V	5.55	5.55		
435	11	38	37	-44	7.8	.081	7	K5	V	7.31	7.31		
9372	11	39	15	5	25.5	.046	9	DK8		7.90	7.90		
436	11	39	31	26	59.6	.113	12	DM3		10.95	10.95		
437	11	40	1	-74	57.0	.042	5	G1	V	4.60	4.60		
438	11	40	49	-51	33.3	.120	11	KO		11.30	11.30		
439	11	42	4	31	14.5	.054	5	DK8		7.60	7.60		
440	11	42	58	-64	33.5	.203	8	WDA		13.05	13.05		
441	11	43	8	72	22.2	.048		DK8		7.43	7.43		
442A	11	44	8	-40	13.7	.098	8	G5	V	4.86	4.86		
442B	11	44	9	-40	13.3	.098	8			14.96	14.96		
443	11	44	8	-13	43.5	.083	12	M		13.00P	11.63		
9373	11	44	23	51	15.3	.048	5	DMOP		8.03	8.03		
444A	11	44	32	-11	32.6	.056	5	DK8		7.70	7.70		
444B	11	44	32	-11	32.6	.056	5			12.80	12.80		
445	11	44	34	78	57.6	.195	6	SDM4		12.35	12.35		
446	11	44	45	-30	.3	.063	12	G5	V	5.48	5.48		
447	11	45	9	1	6.0	.301	5	DM5		13.49	13.49		
9374A	11	46	4	14	33.6	.052	12	A7	V	4.48	4.48		
9374B	11	46	4	14	33.6	.052	12			8.68	8.68		
448	11	46	31	14	51.0	.076	7	A3	V	1.54	1.54	IRC +10247	
449	11	48	5	2	2.8	.100	5	F8	V	3.60	3.60	IRC 00212	
450	11	48	33	35	32.8	.125		M1	V	10.26	10.26		
451	11	50	6	38	4.6	.110	7	G8P	V	6.66	6.66	D	
452	11	50	43	-7	5.3	.083	11	M4		11.60	11.60		
9376	11	51	54	-51	6.6	.040	11	G5		9.71P	9.16		
9377A	11	51	55	-37	28.2	.051	12	DF8		4.99J	5.10		
9377B	11	51	55	-37	28.2	.051	12			7.54	7.54		
9378A	11	51	59	19	41.4	.053	12	DG6		6.84	6.84		
9378B	11	52	2	19	42.4	.053	12	DG7		7.05	7.05		
9379	11	52	22	29	1.2	.046	5	DMO		8.51	8.51		
9380A	11	52	29	-55	48.9	.046	10	G4	V	5.00J	5.54		
9380B	11	52	29	-55	48.9	.046	10			6.01	6.01		
9381	11	52	36	1	15.1	.040	13	M2		10.91P	9.50		
9382	11	53	28	-16	52.3	.042	9	AO	V	3.29	3.29		
9383A	11	53	34	-3	52.6	.040	5	DMO		8.71	8.71		
9383B	11	53	34	-3	52.6	.040	5			8.91	8.91		
453	11	55	27	-27	25.2	.102	8	K5	V	7.01	7.01	SB	
454	11	58	10	-10	9.7	.080	5	DG7		5.06	5.06		
9384	11	58	35	-1	27.2	.048	12	M		10.21P	9.22		
9385A	11	59	13	-34	22.2	.046	13	GO		5.21J	5.56		
9385B	11	59	13	-34	22.2	.046	13			6.61	6.61		
455	11	59	48	28	52.0	.059	12	M4		13.95P	12.50		
9386	12	2	38	-28	26.0	.041	7	G4	V	5.86	5.86		
9387	12	3	17	-18	35.5	.044	5	DMO		8.42	8.42		
9388	12	4	16	-64	20.0	.052	9	FO	III	2.72	2.72	SB	
9389	12	5	50	-24	27.0	.068	8	F2	IV	3.18	3.18		
456	12	5	52	-0	12.2	.064	9	DM1		10.33	10.33		
9390A	12	6	53	-11	34.5	.043	7	DG2		4.72J	4.84	SB	
9390B	12	6	55	-11	34.5	.043	7	K4		7.17	7.17		
9391A	12	7	20	-45	55.6	.049	13	K5	V	6.89	6.89		
9392A	12	7	34	5	42.3	.044	5	DMO		9.82	9.82		
9392B	12	7	34	5	42.3	.044	5			10.82	10.82		

TABLE 1—*Continued*

NAME	RADIUS SUN=1	TEMP K	F2.2	F3.4	F4.2	F5.0	F10.2	F11.8	F24.4	F58.6	F101.
WATTS/CM2/MICRON											
9366A	1.04	6105.	5.41-16	1.18-16	5.44-17	2.84-17	1.86-18	1.06-18	6.10-20	1.89-21	2.15-22
9366B	.87	5077.	2.75-16	6.29-17	2.96-17	1.56-17	1.05-18	5.99-19	3.49-20	1.09-21	1.24-22
9367	1.06	6252.	4.34-16	9.39-17	4.33-17	2.26-17	1.48-18	8.38-19	4.82-20	1.49-21	1.70-22
432A	.84	4837.	9.99-16	2.32-16	1.10-16	5.81-17	3.95-18	2.25-18	1.32-19	4.10-21	4.70-22
432B	.15	2962.	1.09-17	3.16-18	1.60-18	8.89-19	6.77-20	3.91-20	2.39-21	7.64-23	8.81-24
433	.56	3578.	1.82-16	4.77-17	2.34-17	1.27-17	9.19-19	5.28-19	3.17-20	9.99-22	1.15-22
9368	.73	4117.	8.92-17	2.20-17	1.06-17	5.66-18	3.97-19	2.27-19	1.34-20	4.22-22	4.84-23
9369A	.51	3460.	3.59-17	9.55-18	4.71-18	2.57-18	1.87-19	1.08-19	6.48-21	2.05-22	2.36-23
9369B	.66	3825.	7.48-17	1.90-17	9.21-18	4.98-18	3.54-19	2.03-19	1.21-20	3.81-22	4.37-23
9370A	.97	5691.	3.84-16	8.51-17	3.95-17	2.07-17	1.37-18	7.80-19	4.52-20	1.40-21	1.60-22
9370B	.78	4377.	1.55-16	3.72-17	1.78-17	9.48-18	6.56-19	3.75-19	2.21-20	6.91-22	7.93-23
9371	.18	4140.	5.97-18	1.47-18	7.04-19	3.78-19	2.64-20	1.51-20	8.95-22	2.81-23	3.22-24
434	.89	5212.	1.39-15	3.17-16	1.48-16	7.83-17	5.25-18	2.99-18	1.74-19	5.41-21	6.19-22
435	.74	4157.	3.47-16	8.51-17	4.08-17	2.19-17	1.53-18	8.76-19	5.18-20	1.63-21	1.86-22
9372	.70	4005.	9.25-17	2.30-17	1.11-17	5.97-18	4.21-19	2.41-19	1.43-20	4.49-22	5.16-23
436	.42	3318.	1.35-16	3.67-17	1.82-17	9.98-18	7.36-19	4.24-19	2.56-20	8.11-22	9.33-23
437	1.01	5891.	3.26-16	7.15-17	3.31-17	1.73-17	1.14-18	6.49-19	3.75-20	1.16-21	1.33-22
438	.39	3273.	1.28-16	3.50-17	1.74-17	9.54-18	7.06-19	4.07-19	2.46-20	7.80-22	8.98-23
439	.72	4075.	1.40-16	3.46-17	1.67-17	8.94-18	6.28-19	3.59-19	2.13-20	6.68-22	7.67-23
440	.01	9500.	1.69-18	3.39-19	1.52-19	7.81-20	4.88-21	2.76-21	1.56-22	4.77-24	5.44-25
441	.73	4120.	1.17-16	2.88-17	1.38-17	7.42-18	5.20-19	2.97-19	1.76-20	5.52-22	6.34-23
442A	.97	5724.	1.57-15	3.48-16	1.62-16	8.47-17	5.61-18	3.19-18	1.84-19	5.71-21	6.53-22
442B	.15	2975.	1.03-17	2.98-18	1.51-18	8.37-19	6.37-20	3.68-20	2.25-21	7.18-23	8.27-24
443	.37	3234.	5.18-17	1.43-17	7.11-18	3.91-18	2.90-19	1.67-19	1.01-20	3.21-22	3.70-23
9373	.69	3974.	9.66-17	2.41-17	1.17-17	6.27-18	4.43-19	2.54-19	1.51-20	4.73-22	5.43-23
444A	.71	4051.	1.46-16	3.61-17	1.74-17	9.36-18	6.58-19	3.77-19	2.23-20	7.01-22	8.04-23
444B	.27	3141.	1.21-17	3.40-18	1.70-18	9.38-19	7.02-20	4.05-20	2.46-21	7.82-23	9.01-24
445	.25	3373.	1.51-16	4.08-17	2.02-17	1.10-17	8.10-19	4.66-19	2.81-20	8.90-22	1.02-22
446	.89	5263.	4.74-16	1.07-16	5.02-17	2.65-17	1.77-18	1.01-18	5.87-20	1.83-21	2.09-22
447	.23	3091.	2.36-16	6.66-17	3.34-17	1.85-17	1.39-18	8.01-19	4.88-20	1.55-21	1.79-22
9374A	1.03	5970.	5.27-16	1.15-16	5.34-17	2.79-17	1.84-18	1.04-18	6.02-20	1.86-21	2.13-22
9374B	.66	3831.	9.64-17	2.45-17	1.19-17	6.41-18	4.56-19	2.62-19	1.56-20	4.90-22	5.63-23
448	1.97	9074.	7.86-15	1.59-15	7.14-16	3.67-16	2.30-17	1.30-17	7.37-19	2.26-20	2.57-21
449	1.10	6510.	2.55-15	5.48-16	2.52-16	1.31-16	8.53-18	4.84-18	2.78-19	8.58-21	9.80-22
450	.49	3419.	2.36-16	6.30-17	3.11-17	1.70-17	1.24-18	7.15-19	4.31-20	1.36-21	1.57-22
451	.79	4474.	8.43-16	2.01-16	9.57-17	5.10-17	3.52-18	2.01-18	1.18-19	3.69-21	4.23-22
452	.37	3237.	5.26-17	1.45-17	7.21-18	3.96-18	2.94-19	1.70-19	1.03-20	3.26-22	3.75-23
9376	.61	3715.	4.56-17	1.17-17	5.72-18	3.10-18	2.22-19	1.27-19	7.61-21	2.40-22	2.76-23
9377A	.94	5547.	3.78-16	8.43-17	3.93-17	2.06-17	1.37-18	7.80-19	4.52-20	1.40-21	1.60-22
9377B	.72	4090.	1.27-16	3.14-17	1.51-17	8.11-18	5.69-19	3.26-19	1.93-20	6.06-22	6.95-23
9378A	.78	4371.	1.80-16	4.34-17	2.07-17	1.11-17	7.65-19	4.37-19	2.58-20	8.06-22	9.24-23
9378B	.76	4261.	1.64-16	3.99-17	1.91-17	1.02-17	7.11-19	4.07-19	2.40-20	7.52-22	8.63-23
9379	.67	3867.	7.90-17	2.00-17	9.67-18	5.22-18	3.71-19	2.12-19	1.26-20	3.98-22	4.57-23
9380A	.89	5216.	2.45-16	5.55-17	2.60-17	1.37-17	9.21-19	5.24-19	3.05-20	9.48-22	1.08-22
9380B	.85	4891.	1.99-16	4.61-17	2.17-17	1.15-17	7.80-19	4.45-19	2.60-20	8.10-22	9.27-23
9381	.57	3607.	3.72-17	9.70-18	4.75-18	2.58-18	1.86-19	1.07-19	6.40-21	2.02-22	2.32-23
9382	1.13	6710.	5.03-16	1.07-16	4.91-17	2.56-17	1.66-18	9.38-19	5.38-20	1.66-21	1.90-22
9383A	.66	3825.	5.65-17	1.43-17	6.97-18	3.76-18	2.68-19	1.54-19	9.15-21	2.88-22	3.31-23
9383B	.64	3780.	5.23-17	1.34-17	6.49-18	3.51-18	2.51-19	1.44-19	8.57-21	2.70-22	3.10-23
453	.76	4280.	6.19-16	1.50-16	7.18-17	3.84-17	2.67-18	1.53-18	9.01-20	2.82-21	3.24-22
454	.95	5577.	9.49-16	2.11-16	9.84-17	5.17-17	3.43-18	1.95-18	1.13-19	3.51-21	4.01-22
9384	.60	3697.	6.34-17	1.64-17	7.98-18	4.32-18	3.10-19	1.78-19	1.06-20	3.35-22	3.85-23
9385A	.88	5205.	2.43-16	5.52-17	2.58-17	1.36-17	9.15-19	5.21-19	3.03-20	9.42-22	1.08-22
9385B	.80	4504.	1.51-16	3.59-17	1.71-17	9.10-18	6.26-19	3.57-19	2.10-20	6.57-22	7.53-23
455	.30	3162.	1.64-17	4.57-18	2.28-18	1.26-18	9.40-20	5.42-20	3.29-21	1.05-22	1.20-23
9386	.86	4993.	1.69-16	3.89-17	1.83-17	9.67-18	6.53-19	3.72-19	2.17-20	6.76-22	7.74-23
9387	.67	3886.	7.38-17	1.86-17	9.01-18	4.86-18	3.45-19	1.98-19	1.18-20	3.70-22	4.24-23
9388	1.31	7244.	1.16-15	2.43-16	1.11-16	5.75-17	3.69-18	2.09-18	1.20-19	3.68-21	4.20-22
9389	1.08	6918.	1.27-15	2.68-16	1.23-16	6.37-17	4.11-18	2.33-18	1.34-19	4.12-21	4.70-22
456	.48	3407.	5.95-17	1.60-17	7.88-18	4.31-18	3.15-19	1.81-19	1.09-20	3.46-22	3.98-23
9390A	.98	5737.	3.06-16	6.76-17	3.14-17	1.65-17	1.09-18	6.18-19	3.58-20	1.11-21	1.27-22
9390B	.75	4208.	1.03-16	2.51-17	1.21-17	6.46-18	4.50-19	2.58-19	1.52-20	4.77-22	5.47-23
9391A	.77	4344.	1.51-16	3.63-17	1.74-17	9.27-18	6.43-19	3.67-19	2.16-20	6.77-22	7.77-23
9392A	.53	3510.	3.71-17	9.81-18	4.82-18	2.63-18	1.91-19	1.10-19	6.59-21	2.08-22	2.39-23
9392B	.43	3334.	2.19-17	5.93-18	2.94-18	1.61-18	1.18-19	6.82-20	4.12-21	1.30-22	1.50-23

TABLE 1—Continued

NAME	RA (1950)			DEC (1950)		PARALLAX	SPEC CLASS	ABS MAG	ABS MAG	NOTES	MIRC
	H	M	S	DEG	ARC MIN	ARC SEC					
9393	12	8	19	41	17.2	.043 S	DMO	8.70	8.70		
9394	12	9	29	13	32.6	.041 11	F6 VI	8.24	8.24		
457	12	9	36	59	12.2	.043	DMO	8.21	8.21		
458A	12	9	50	54	45.6	.076 10	DM2	9.26	9.26		
9395	12	9	52	-6	4.6	.040 13	K0	7.91	7.91		
9396	12	9	57	-2	48.6	.046 6	G4 V	5.75	5.75		
9397	12	10	49	16	58.6	.042 8	DM2	11.42P	10.01		
9398A	12	12	33	-6	58.6	.041 13	DG5	5.41J	6.00	SB	
9398B	12	12	33	-6	58.6	.041 13	DG8	6.36	6.36		
9399	12	12	41	49	.7	.046 S	DMO	8.71	8.71		
459	12	12	58	57	18.5	.053 5	A3 V	1.93	1.93		
9400A	12	13	26	5	55.0	.051 S	DK8	3.00J	8.30	SB	
9400B	12	13	26	5	55.0	.051 S		9.54	9.54		
9401	12	13	53	60	23.2	.040 S	DMO	8.31	8.31		
9402	12	14	51	-67	41.0	.044 10	GM5	2.31	2.31	GL	4149
9403	12	15	21	46	54.0	.050 11	DMO	9.49	9.49		
9404	12	16	56	28	39.5	.051 10	M2 V	9.16	9.16		
460	12	17	47	26	16.7	.060 11	DABN	5.05	5.05	SB	
461	12	17	52	0	51.6	.060 S	DMO	9.10	9.10		
462	12	19	25	42	25.0	.070 14	MO V	8.71	8.71		
463	12	20	45	64	18.2	.070 9	DM4	10.63	10.63		
464	12	21	21	12	51.5	.050 10	DM2	8.89	8.89		
9405	12	22	1	31	33.4	.051 17	GO	7.44	7.44		
465	12	22	13	-17	56.0	.110 6	DM4	11.91	11.91		
466	12	23	26	8	20.4	.055 S	DMO	8.60	8.60		
9406	12	24	9	-48	38.0	.040 7	G5 V	4.26	4.26		
467A	12	25	36	-71	13.0	.061 52	K	12.53	12.53		
467B	12	25	36	-71	13.0	.061 52	K	14.43	14.43		
468	12	25	55	-18	1.0	.081 S	DMO	8.70	8.70		
469	12	26	28	8	42.3	.078 10	M5	11.46	11.46		
9407	12	26	39	-30	33.5	.043 12	K0 V	7.24	7.24		
9408	12	27	10	-3	3.0	.051 12	G8 V	7.57	7.57		
9409A	12	27	30	-13	7.0	.048 9	DF8	4.78J	4.81		
9409B	12	27	30	-13	7.0	.048 9		8.61	8.61		
471	12	28	46	9	5.6	.069 7	DM1	8.97	8.97		
9410	12	29	8	28	59.5	.046 S	DMO	8.51	8.51		
9411	12	29	29	-15	55.1	.052 9	FO IV	2.88	2.88	SB	
472	12	30	39	-68	28.5	.076 8	K0 V	6.52	6.52		
473A	12	30	51	9	17.7	.231 5	DM4E	14.28J	14.87	UV	
473B	12	30	51	9	17.7	.231 5	M7	15.22	15.22		
474	12	31	20	33	39.5	.053 7	K0 III	4.86	4.86		
475	12	31	22	41	37.6	.109 6	GO V	4.46	4.46	IRC	+40236
476	12	32	30	10	6.5	.070 7	M4	10.53	10.53		
9412	12	32	52	34	21.5	.040 S	DMO	8.31	8.31		
9413	13	32	52	-0	11.0	.040 S	DMO	8.51	8.51		
477	12	33	15	-45	39.1	.076 12	M1	12.10P	10.73		
478	12	33	45	-76	40.6	.055 12	M	11.50P	10.27		
479	12	35	11	-51	43.5	.121 7	M3	11.06	11.06		
9414	12	35	44	79	29.4	.051 11	DG2	5.50	5.50		
480	12	36	25	11	58.5	.065 13	DM4	10.36	10.36		
9415	12	38	2	-43	18.5	.048 10	M4	10.81	10.81		
481	12	38	36	15	39.4	.087 S	DK8	7.70	7.70		
482A	12	39	7	-1	10.5	.099 7	FO V	2.72J	3.47	IRC	00223
482B	12	39	7	-1	10.5	.099 7	FO V	3.48	3.48	IRC	00223
9416A	12	39	41	26	37.6	.043 S	DK8	7.44J	11.35		
9416B	12	39	41	26	37.6	.043 S		7.47	7.47		
483	12	41	59	52	2.0	.063 6	DK0	6.02	6.02		
484	12	42	38	39	33.0	.065 7	GO V	5.01	5.01		
485	12	44	54	31	29.4	.057 12	K4 V	8.62	8.62		
486	12	45	29	10	1.9	.111 12	DM4	11.63	11.63		
9417	12	46	29	60	35.5	.040 8	F6 V	3.86	3.86		
487	12	47	4	66	23.0	.116 8	DM3	11.12	11.12		
9418	12	48	5	71	27.5	.040 9	K8	7.51	7.51		
488	12	48	10	-0	29.4	.091 6	MO V	8.29	8.29		
9420	12	50	28	34	.0	.040 S	DK8	7.43	7.43		

TABLE 1—Continued

NAME	RADIUS SUN=1	TEMP K	F2.2	F3.4	F4.2	F5.0	F10.2	F11.8	F24.4	F58.6	F101.
WATTS/CM ² /MICRON											
9393	.66	3827.	6.55-17	1.66-17	8.07-18	4.36-18	3.10-19	1.78-19	1.06-20	3.34-22	3.83-23
9394	.14	6412.	7.10-18	1.53-18	7.03-19	3.67-19	2.39-20	1.35-20	7.79-22	2.41-23	2.75-24
457	.68	3932.	7.39-17	1.85-17	8.96-18	4.83-18	3.42-19	1.96-19	1.16-20	3.66-22	4.20-23
458A	.60	3684.	1.55-16	4.01-17	1.96-17	1.06-17	7.62-19	4.37-19	2.61-20	8.24-22	9.47-23
9395	.70	4003.	6.97-17	1.74-17	8.37-18	4.50-18	3.18-19	1.82-19	1.08-20	3.39-22	3.89-23
9396	.87	5070.	2.23-16	5.10-17	2.40-17	1.27-17	8.53-19	4.86-19	2.83-20	8.82-22	1.01-22
9397	.51	3465.	3.04-17	8.08-18	3.98-18	2.17-18	1.58-19	9.10-20	5.47-21	1.73-22	1.99-23
9398A	.85	4901.	1.59-16	3.68-17	1.74-17	9.19-18	6.23-19	3.55-19	2.08-20	6.46-22	7.40-23
9398B	.82	4660.	1.34-16	3.16-17	1.50-17	7.97-18	5.45-19	3.11-19	1.82-20	5.69-22	6.52-23
9399	.66	3825.	7.48-17	1.90-17	9.21-18	4.98-18	3.54-19	2.03-19	1.21-20	3.81-22	4.37-23
459	1.77	8589.	2.85-15	5.79-16	2.62-16	1.35-16	8.50-18	4.80-18	2.73-19	8.36-21	9.53-22
9400A	.68	3912.	1.02-16	2.56-17	1.24-17	6.67-18	4.73-19	2.71-19	1.61-20	5.06-22	5.81-23
9400B	.56	3594.	5.90-17	1.54-17	7.55-18	4.10-18	2.96-19	1.70-19	1.02-20	3.22-22	3.70-23
9401	.68	3910.	6.25-17	1.57-17	7.60-18	4.10-18	2.90-19	1.66-19	9.89-21	3.11-22	3.57-23
9402	23.03	3420.	6.56-14	1.76-14	8.67-15	4.73-15	3.46-16	1.99-16	1.20-17	3.79-19	4.37-20
9403	.57	3610.	5.85-17	1.52-17	7.46-18	4.05-18	2.92-19	1.68-19	1.01-20	3.17-22	3.65-23
9404	.61	3715.	7.42-17	1.91-17	9.30-18	5.04-18	3.61-19	2.07-19	1.24-20	3.90-22	4.48-23
460	.95	5585.	5.36-16	1.19-16	5.56-17	2.92-17	1.94-18	1.10-18	6.39-20	1.98-21	2.27-22
461	.62	3732.	1.06-16	2.73-17	1.33-17	7.19-18	5.15-19	2.96-19	1.76-20	5.56-22	6.39-23
462	.66	3825.	1.73-16	4.39-17	2.13-17	1.15-17	8.20-19	4.70-19	2.80-20	8.82-22	1.01-22
463	.45	3361.	6.10-17	1.65-17	8.15-18	4.46-18	3.28-19	1.88-19	1.14-20	3.60-22	4.14-23
464	.64	3784.	8.25-17	2.10-17	1.02-17	5.53-18	3.95-19	2.26-19	1.35-20	4.25-22	4.88-23
9405	.73	4117.	1.31-16	3.24-17	1.56-17	8.35-18	5.85-19	3.35-19	1.98-20	6.22-22	7.13-23
465	.35	3206.	7.95-17	2.20-17	1.10-17	6.03-18	4.49-19	2.59-19	1.57-20	4.98-22	5.74-23
466	.67	3848.	1.10-16	2.79-17	1.36-17	7.32-18	5.20-19	2.98-19	1.78-20	5.59-22	6.42-23
9406	1.04	6109.	3.33-16	7.25-17	3.35-17	1.75-17	1.15-18	6.52-19	3.76-20	1.16-21	1.33-22
467A	.29	3160.	1.72-17	4.79-18	2.40-18	1.32-18	9.86-20	5.69-20	3.45-21	1.10-22	1.26-23
467B	.18	3021.	5.58-18	1.60-18	8.05-19	4.46-19	3.38-20	1.95-20	1.19-21	3.79-23	4.37-24
468	.66	3827.	2.33-16	5.90-17	2.86-17	1.55-17	1.10-18	6.31-19	3.76-20	1.18-21	1.36-22
469	.38	3254.	4.98-17	1.37-17	6.81-18	3.74-18	2.77-19	1.60-19	9.66-21	3.06-22	3.53-23
9407	.75	4181.	1.00-16	2.45-17	1.18-17	6.31-18	4.41-19	2.52-19	1.49-20	4.67-22	5.36-23
9408	.72	4082.	1.26-16	3.11-17	1.50-17	8.05-18	5.65-19	3.23-19	1.91-20	6.01-22	6.90-23
9409A	.98	5754.	3.86-16	8.52-17	3.95-17	2.07-17	1.37-18	7.79-19	4.51-20	1.40-21	1.60-22
9409E	.66	3846.	8.38-17	2.12-17	1.03-17	5.56-18	3.95-19	2.27-19	1.35-20	4.25-22	4.88-23
471	.63	3766.	1.51-16	3.86-17	1.88-17	1.02-17	7.26-19	4.17-19	2.49-20	7.83-22	8.99-23
9410	.67	3867.	7.90-17	2.00-17	9.67-18	5.22-18	3.71-19	2.12-19	1.26-20	3.98-22	4.57-23
9411	1.21	7244.	1.00-15	2.10-16	9.57-17	4.96-17	3.19-18	1.80-18	1.03-19	3.18-21	3.62-22
472	.80	4559.	4.29-16	1.02-16	4.83-17	2.57-17	1.77-18	1.01-18	5.92-20	1.85-21	2.12-22
473A	.16	2982.	6.05-17	1.74-17	8.81-18	4.89-18	3.71-19	2.15-19	1.31-20	4.18-22	4.82-23
473B	.14	2953.	5.02-17	1.46-17	7.38-18	4.10-18	3.12-19	1.81-19	1.10-20	3.52-22	4.06-23
474	2.34	4790.	1.94-15	4.52-16	2.14-16	1.13-16	7.71-18	4.40-18	2.57-19	8.02-21	9.19-22
475	1.03	5984.	2.33-15	5.10-16	2.36-16	1.24-16	8.12-18	4.61-18	2.66-19	8.24-21	9.42-22
476	.46	3375.	6.42-17	1.73-17	8.55-18	4.68-18	3.43-19	1.97-19	1.19-20	3.77-22	4.34-23
9412	.68	3910.	6.25-17	1.57-17	7.60-18	4.10-18	2.90-19	1.66-19	9.89-21	3.11-22	3.57-23
9413	.67	3867.	5.97-17	1.51-17	7.31-18	3.95-18	2.80-19	1.61-19	9.56-21	3.01-22	3.45-23
477	.44	3347.	6.83-17	1.85-17	9.15-18	5.01-18	3.68-19	2.12-19	1.28-20	4.05-22	4.67-23
478	.48	3417.	4.54-17	1.21-17	6.00-18	3.27-18	2.40-19	1.38-19	8.30-21	2.63-22	3.02-23
479	.41	3304.	1.47-16	3.99-17	1.98-17	1.09-17	8.02-19	4.62-19	2.79-20	8.85-22	1.02-22
9414	.89	5248.	3.08-16	6.97-17	3.26-17	1.72-17	1.15-18	6.56-19	3.82-20	1.19-21	1.36-22
480	.48	3402.	6.05-17	1.62-17	8.01-18	4.38-18	3.21-19	1.84-19	1.11-20	3.52-22	4.05-23
9415	.43	3336.	2.62-17	7.09-18	3.51-18	1.92-18	1.42-19	8.15-20	4.92-21	1.56-22	1.79-23
481	.71	4051.	3.52-16	8.72-17	4.20-17	2.26-17	1.59-18	9.09-19	5.39-20	1.69-21	1.94-22
482A	1.11	6585.	2.61-15	5.57-16	2.56-16	1.33-16	8.66-18	4.91-18	2.82-19	8.70-21	9.93-22
482B	1.11	6575.	2.59-15	5.55-16	2.55-16	1.33-16	8.62-18	4.89-18	2.81-19	8.66-21	9.89-22
9416A	.39	3267.	1.60-17	4.38-18	2.18-18	1.20-18	8.85-20	5.10-20	3.08-21	9.78-23	1.13-23
9416B	.73	4109.	9.25-17	2.28-17	1.10-17	5.88-18	4.13-19	2.36-19	1.40-20	4.38-22	5.03-23
483	.85	4884.	3.72-16	8.61-17	4.06-17	2.15-17	1.46-18	8.31-19	4.86-20	1.51-21	1.73-22
484	.95	5616.	6.43-16	1.43-16	6.65-17	3.49-17	2.32-18	1.32-18	7.62-20	2.36-21	2.70-22
485	.66	3844.	1.18-16	2.99-17	1.45-17	7.82-18	5.56-19	3.19-19	1.90-20	5.97-22	6.86-23
486	.37	3234.	9.27-17	2.55-17	1.27-17	6.99-18	5.19-19	2.99-19	1.81-20	5.75-22	6.62-23
9417	1.07	6340.	3.76-16	8.10-17	3.73-17	1.95-17	1.27-18	7.20-19	4.15-20	1.28-21	1.46-22
487	.41	3296.	1.31-16	3.56-17	1.77-17	9.70-18	7.17-19	4.13-19	2.50-20	7.91-22	9.11-23
9418	.73	4098.	7.90-17	1.95-17	9.38-18	5.03-18	3.53-19	2.02-19	1.20-20	3.75-22	4.31-23
488	.68	3914.	3.25-16	8.16-17	3.95-17	2.13-17	1.51-18	8.64-19	5.14-20	1.61-21	1.85-22
9420	.73	4120.	8.11-17	2.00-17	9.60-18	5.15-18	3.61-19	2.07-19	1.22-20	3.83-22	4.40-23

TABLE 1—Continued

NAME	RA (1950)			DEC (1950)		PARALLAX		SPEC CLASS		ABS MAG	ABS MAG	NOTES	MIRC
	H	M	S	DEG	ARCMIN	ARCSEC							
9421	12	50	37	-3	16.9	.042	9	DF6		4.24	4.24		
9422	12	50	40	-39	54.4	.054	11	A6	IV	2.92	2.92		
9423	12	52	11	-43	52.6	.043	11	G2	IV	4.05	4.05		
9424	12	52	22	-6	3.9	.046	12	DK8		8.58	8.58		
489	12	55	7	-14	11.6	.062	11	DK6		8.07	8.07		
490A	12	55	19	35	29.7	.048		DMOE		9.01	9.01		
490B	12	55	19	35	29.7	.048		DM E		11.57	11.57		
491A	12	56	28	-9	34.0	.064	14	KO	V	6.59	6.59		
491B	12	56	28	-9	34.0	.064	14			11.63	11.63		
492	12	57	38	3	45.5	.078	11	WDC		16.07	16.07		
493	12	57	45	-2	26.0	.054	7	DMO		8.47	8.47		
494	12	58	19	12	38.6	.073	12	DM2E		9.11V	9.11	UV	
496A	13	1	5	-20	18.9	.049	S	DF8	MS	4.00J	4.71		
496B	13	1	5	-20	18.9	.049	S			4.80	4.80		
9425	13	2	4	-52	9.8	.050	5	K9	V	7.54	7.54		
497A	13	2	41	56	10.2	.055	S	DMO		9.10J	9.45		
497B	13	2	41	56	10.2	.055	S			10.50	10.50		
498	13	3	29	49	44.1	.048	5	DK8		7.71	7.71		
499A	13	3	49	20	59.6	.059	10	DMO		8.28	8.28		
499B	13	3	49	20	59.6	.059	10			13.75	13.75		
9426	13	3	57	22	53.0	.046	13	GM5		3.92V	3.92	SR	IRC +20254
9427	13	5	15	34	40.0	.051	5	DK8		7.88	7.88		
9428	13	6	5	17	14.5	.044	5	DMO		9.42	9.42		
9429	13	6	19	5	29.0	.044	6	G5	IV	5.02	5.02		
500	13	7	0	-21	55.3	.076	12	DG7		6.67	6.67		
501A	13	7	33	17	47.5	.054	4	F5	V	2.98J	3.71		
9430	13	8	18	36	12.0	.048	13	F4N		6.41V	6.41	SE EB	
9431A	13	8	53	9	53.3	.041	9	G3	V	6.80	6.80		
9431B	13	8	54	9	51.9	.041	9	M0		10.39	10.39		
9432	13	9	15	-37	32.3	.053	19	DG3		3.47	3.47		
502	13	9	32	28	7.8	.120	6	G0	V	4.66	4.66	IRC	+30246
9433	13	10	4	74	7.1	.042	12	G2		7.32	7.32		
503A	13	11	8	-58	50.1	.052	7	F8	V	3.48	3.48		
503B	13	11	8	-58	50.1	.052	7			8.88	8.88		
9434	13	11	34	56	58.4	.050	13	G2	V	5.33	5.33		
9435	13	13	16	-19	40.6	.046	8	K1	IV	3.53	3.53	IRC	-20248
504	13	14	18	9	41.0	.077	6	G0	V	4.65	4.65		
505A	13	14	22	17	17.0	.087	7	K2	V	6.22J	6.29		
505B	13	14	22	17	17.0	.087	7	DM2		9.30	9.30		
9436	13	15	7	20	40.8	.044	5	DM0		8.72	8.72		
9437	13	15	41	36	33.9	.044	12	DM2		8.72	8.72		
506	13	15	47	-18	2.0	.119	9	G6	V	5.12	5.12		
9438	13	16	24	-2	48.5	.047	8	SDK4		9.18	9.18		
9439	13	16	46	85	.7	.049	10	DF7		5.73	5.73		
507A	13	17	14	35	23.0	.099	17	DM0		9.50	9.50		
507B	13	17	14	35	23.0	.099	17	M3		12.07	12.07		
9440	13	17	22	33	36.5	.050	11	DM2		9.09	9.09		
508A	13	17	36	48	2.4	.084	11	DM2	MS	8.16	8.16	SB	
508B	13	17	36	48	2.4	.084	11			9.42	9.42		
9441	13	17	47	-36	26.9	.051	7	A2	V	1.27	1.27		
9442	13	18	38	34	32.6	.052	11	DM0		9.29	9.29		
9443	13	21	8	-13	46.8	.046	9	K7		10.91P	9.72		
509A	13	21	14	29	29.7	.067	12	DM0		8.03J	8.74		
509B	13	21	14	29	29.7	.067	12	DK6		8.83	8.83		
510	13	23	4	-28	6.8	.057	30	M		11.18P	9.75		
511A	13	23	56	-24	2.0	.059	13	DK0		7.63	7.63		
511B	13	24	20	-24	1.7	.059	13	DK1		7.56	7.56		
9444	13	24	47	-15	42.9	.057	10	K1	III	3.53	3.53	IRC	-20253
512A	13	25	46	-2	5.6	.084	8	DM4		10.86	10.86		
512B	13	25	46	-2	5.6	.084	8	M5		13.82	13.82		
9446	13	25	59	14	2.6	.041	6	G5	V	3.04	3.04		
513	13	26	52	11	42.9	.057	10	M5		12.28P	10.78		
514	13	27	27	10	39.0	.131	5	M1	V	9.63	9.63		
9447	13	27	30	-8	26.5	.047	20	DM6		12.70	12.70		
515	13	27	40	-8	18.5	.065	4	WDA		11.41	11.41		

TABLE 1—Continued

NAME	RADIUS SUN=1	TEMP K	F2.2	F3.4	F4.2	F5.0	F10.2	F11.8	F24.4	F58.6	F101.
WATTS/CM2/MICRON											
9421	1.04	6118.	3.69-16	8.03-17	3.71-17	1.94-17	1.27-18	7.21-19	4.16-20	1.29-21	1.47-22
9422	1.15	8185.	1.16-15	2.37-16	1.08-16	5.55-17	3.52-18	1.99-18	1.13-19	3.47-21	3.96-22
9423	1.31	5875.	5.73-16	1.26-16	5.83-17	3.06-17	2.01-18	1.14-18	6.61-20	2.05-21	2.34-22
9424	.67	3853.	7.76-17	1.96-17	9.52-18	5.14-18	3.65-19	2.09-19	1.25-20	3.92-22	4.51-23
489	.69	3964.	1.59-16	3.98-17	1.92-17	1.04-17	7.32-19	4.19-19	2.49-20	7.82-22	8.98-23
490A	.63	3756.	7.16-17	1.83-17	8.92-18	4.82-18	3.45-19	1.98-19	1.18-20	3.72-22	4.27-23
490B	.37	3241.	1.79-17	4.91-18	2.45-18	1.34-18	9.97-20	5.75-20	3.48-21	1.10-22	1.27-23
491A	.80	4516.	2.95-16	7.01-17	3.33-17	1.77-17	1.22-18	6.97-19	4.10-20	1.28-21	1.47-22
491B	.37	3234.	3.08-17	8.49-18	4.23-18	2.32-18	1.73-19	9.94-20	6.02-21	1.91-22	2.20-23
492	.01	5300.	8.49-20	1.92-20	8.97-21	4.73-21	3.16-22	1.80-22	1.05-23	3.25-25	3.72-26
493	.67	3876.	1.10-16	2.77-17	1.34-17	7.25-18	5.15-19	2.95-19	1.75-20	5.52-22	6.34-23
494	.62	3729.	1.56-16	4.02-17	1.96-17	1.06-17	7.59-19	4.35-19	2.60-20	8.19-22	9.41-23
496A	.99	5822.	4.22-16	9.29-17	4.31-17	2.26-17	1.49-18	8.46-19	4.89-20	1.52-21	1.73-22
496B	.98	5762.	4.04-16	8.93-17	4.14-17	2.17-17	1.44-18	8.16-19	4.72-20	1.46-21	1.67-22
9425	.72	4090.	1.22-16	3.02-17	1.45-17	7.80-18	5.47-19	3.13-19	1.86-20	5.82-22	6.68-23
497A	.57	3623.	7.25-17	1.89-17	9.23-18	5.01-18	3.61-19	2.07-19	1.24-20	3.92-22	4.51-23
497B	.46	3380.	4.03-17	1.08-17	5.36-18	2.93-18	2.15-19	1.24-19	7.45-21	2.36-22	2.72-23
498	.71	4049.	1.07-16	2.65-17	1.28-17	6.85-18	4.82-19	2.76-19	1.64-20	5.13-22	5.89-23
499A	.68	3916.	1.37-16	3.44-17	1.66-17	8.97-18	6.35-19	3.64-19	2.16-20	6.80-22	7.81-23
499B	.21	3073.	7.84-18	2.22-18	1.12-18	6.17-19	4.65-20	2.68-20	1.63-21	5.20-23	5.99-24
9426	10.97	3420.	1.63-14	4.36-15	2.15-15	1.17-15	8.59-17	4.94-17	2.97-18	9.41-20	1.08-20
9427	.70	4010.	1.14-16	2.85-17	1.37-17	7.38-18	5.20-19	2.98-19	1.77-20	5.55-22	6.37-23
9428	.58	3633.	4.73-17	1.23-17	6.01-18	3.26-18	2.35-19	1.35-19	8.07-21	3.55-22	2.93-23
9429	.95	5623.	2.91-16	6.46-17	3.00-17	1.58-17	1.05-18	5.95-19	3.44-20	1.07-21	1.22-22
500	.79	4468.	4.00-16	9.56-17	4.55-17	2.43-17	1.67-18	9.55-19	5.62-20	1.76-21	2.01-22
501A	1.09	6447.	7.21-16	1.55-16	7.13-17	3.71-17	2.42-18	1.37-18	7.88-20	2.43-21	2.78-22
9430	.81	4628.	1.80-16	4.25-17	2.01-17	1.07-17	7.33-19	4.18-19	2.46-20	7.66-22	8.78-23
9431A	.78	4393.	1.10-16	2.64-17	1.26-17	6.72-18	4.65-19	2.65-19	1.56-20	4.89-22	5.61-23
9431B	.47	3397.	2.37-17	6.36-18	3.14-18	1.72-18	1.26-19	7.24-20	4.36-21	1.38-22	1.59-23
9432	1.11	6582.	7.46-16	1.60-16	7.33-17	3.82-17	2.48-18	1.40-18	8.07-20	2.49-21	2.84-22
502	1.00	5852.	2.59-15	5.69-16	2.64-16	1.38-16	9.11-18	5.17-18	2.99-19	9.26-21	1.06-21
9433	.74	4154.	9.29-17	2.28-17	1.09-17	5.87-18	4.11-19	2.35-19	1.39-20	4.36-22	5.00-23
503A	1.11	6575.	7.15-16	1.53-16	7.03-17	3.66-17	2.38-18	1.35-18	7.74-20	2.39-21	2.73-22
503B	.64	3787.	8.96-17	2.29-17	1.11-17	6.01-18	4.29-19	2.46-19	1.47-20	4.61-22	5.30-23
9434	.91	5373.	3.23-16	7.26-17	3.39-17	1.79-17	1.19-18	6.79-19	3.94-20	1.22-21	1.40-22
9435	4.58	4610.	5.22-15	1.23-15	5.84-16	3.11-16	2.13-17	1.22-17	7.13-19	2.23-20	2.55-21
504	1.00	5859.	1.07-15	2.35-16	1.09-16	5.71-17	3.77-18	2.14-18	1.24-19	3.83-21	4.37-22
505A	.82	4708.	6.27-16	1.47-16	6.96-17	3.69-17	2.52-18	1.44-18	8.43-20	2.63-21	3.01-22
505B	.59	3672.	1.99-16	5.14-17	2.51-17	1.36-17	9.78-19	5.61-19	3.36-20	1.06-21	1.22-22
9436	.66	3823.	6.82-17	1.73-17	8.41-18	4.54-18	3.23-19	1.85-19	1.10-20	3.48-22	3.99-23
9437	.66	3823.	6.82-17	1.73-17	8.41-18	4.54-18	3.23-19	1.85-19	1.10-20	3.48-22	3.99-23
506	.94	5531.	2.04-15	4.55-16	2.12-16	1.11-16	7.40-18	4.21-18	2.44-19	7.57-21	8.66-22
9438	.32	4140.	2.19-17	5.39-18	2.59-18	1.39-18	9.72-20	5.56-20	3.29-21	1.03-22	1.18-23
9439	.87	5084.	2.55-16	5.83-17	2.74-17	1.45-17	9.75-19	5.55-19	3.24-20	1.01-21	1.15-22
507A	.57	3607.	2.28-16	5.94-17	2.91-17	1.58-17	1.14-18	6.55-19	3.92-20	1.24-21	1.42-22
507B	.33	3194.	5.96-17	1.65-17	8.25-18	4.54-18	3.38-19	1.95-19	1.18-20	3.76-22	4.33-23
9440	.62	3735.	7.43-17	1.90-17	9.28-18	5.02-18	3.60-19	2.06-19	1.23-20	3.88-22	4.46-23
508A	.68	3943.	2.85-16	7.15-17	3.46-17	1.86-17	1.32-18	7.54-19	4.48-20	1.41-21	1.62-22
508B	.58	3633.	1.72-16	4.48-17	2.19-17	1.19-17	8.56-19	4.91-19	2.94-20	9.28-22	1.07-22
9441	2.10	9355.	4.18-15	8.38-16	3.77-16	1.94-16	1.21-17	6.84-18	3.87-19	1.19-20	1.35-21
9442	.59	3675.	7.14-17	1.85-17	9.01-18	4.88-18	3.51-19	2.01-19	1.20-20	3.80-22	4.37-23
9443	.54	3538.	4.31-17	1.13-17	5.56-18	3.03-18	2.20-19	1.26-19	7.57-21	2.39-22	2.75-23
509A	.66	3819.	1.57-16	3.99-17	1.94-17	1.05-17	7.46-19	4.28-19	2.55-20	8.02-22	9.21-23
509B	.65	3798.	1.52-16	3.87-17	1.88-17	1.02-17	7.25-19	4.15-19	2.48-20	7.80-22	8.96-23
510	.54	3529.	6.50-17	1.71-17	8.40-18	4.57-18	3.32-19	1.91-19	1.15-20	3.62-22	4.16-23
511A	.72	4068.	1.65-16	4.09-17	1.97-17	1.06-17	7.44-19	4.26-19	2.52-20	7.92-22	9.09-23
511B	.72	4085.	1.69-16	4.18-17	2.01-17	1.08-17	7.58-19	4.34-19	2.57-20	8.06-22	9.25-23
9444	4.58	4610.	8.01-15	1.89-15	8.97-16	4.77-16	3.27-17	1.87-17	1.10-18	3.42-20	3.92-21
512A	.43	3329.	7.81-17	2.12-17	1.05-17	5.75-18	4.24-19	2.44-19	1.47-20	4.67-22	5.37-23
512B	.21	3068.	1.53-17	4.33-18	2.18-18	1.20-18	9.07-20	5.24-20	3.19-21	1.02-22	1.17-23
9446	1.16	6863.	5.26-16	1.11-16	5.11-17	2.65-17	1.71-18	9.71-19	5.57-20	1.72-21	1.96-22
513	.44	3340.	3.75-17	1.01-17	5.03-18	2.75-18	2.03-19	1.17-19	7.04-21	2.23-22	2.57-23
514	.55	3565.	3.69-16	9.66-17	4.74-17	2.58-17	1.87-18	1.07-18	6.43-20	2.03-21	2.33-22
9447	.28	3148.	9.12-18	2.55-18	1.28-18	7.03-19	5.26-20	3.04-20	1.84-21	5.86-23	6.75-24
515	.01	12800.	4.84-19	9.35-20	4.15-20	2.11-20	1.29-21	7.28-22	4.08-23	1.24-24	1.42-25

TABLE 1—Continued

NAME	RA (1950)			DEC (1950)		PARALLAX	SPEC CLASS	ABS MAG	ABS MAG	NOTES	MIRC
	H	M	S	DEG	ARCMIN	ARCSEC					
9448A	13	29	41	31	23.4	.050	S	DMO	8.69	8.69	
9448B	13	29	41	31	23.4	.050	S		8.89	8.89	
516A	13	30	18	17	4.1	.066	13	DM4E	10.49J	13.03	UV
516B	13	30	18	17	4.1	.066	13	DM4E	10.60	10.60	
9449	13	30	54	43	31.5	.040	S	DK8	7.41	7.41	
9450	13	31	36	-38	38.8	.040	7	G4	5.30	5.30	V
9451	13	31	48	33	28.9	.045	S	DK8	7.62	7.62	
9452	13	31	52	75	15.7	.041	11	DK6	7.99	7.99	
517	13	32	7	-8	5.1	.061	11	DK5E	8.27	8.27	
9453	13	34	3	74	45.3	.042	10	DK5	8.48	8.48	
518	13	34	13	3	57.0	.119	4	WDG8	15.35	15.35	
9454	13	34	29	8	1.5	.047	10		8.38	8.38	
9455A	13	34	55	30	20.2	.048	12	G	7.51	7.51	
9455B	13	34	55	30	20.2	.048	12		8.51	8.51	
519	13	35	13	35	58.4	.103	12	DM2	9.12	9.12	SB
520A	13	35	49	48	23.7	.059	S	DMOP	8.60J	9.31	
520S	13	35	49	48	23.7	.059	S		9.40	9.40	
521	13	37	20	46	26.0	.100	11	DM2	10.00	10.00	
9456	13	37	33	-3	56.4	.077	9	DK6	9.03	9.03	
9457A	13	38	24	50	46.3	.050	9	DF8	4.83	4.83	
9457B	13	38	24	50	46.3	.050	9		8.98	8.98	
522	13	39	23	0	7.6	.076	12	DM1	9.17	9.17	
523	13	41	13	39	30.0	.046	S	DK8	7.60	7.60	
9458	13	42	30	-4	22.0	.051	6	DM2	8.74	8.74	
525	13	42	39	18	3.6	.097	7	DM1	9.61	9.61	
9459	13	42	50	-32	47.5	.050	8	F2	2.72	2.72	SB
526	13	43	12	15	9.7	.205	7	M4	10.02	10.02	V
527A	13	44	53	17	42.3	.057	9	F7	3.28	3.28	V
527B	13	44	53	17	42.3	.057	9	M2	9.38	9.38	
528A	13	46	47	27	13.7	.086	7	DK6	6.71J	7.17	
528B	13	46	47	27	13.7	.086	7	DK6	7.87	7.87	
529	13	47	5	-21	51.4	.080	7	K6	7.68	7.68	V
9460	13	47	9	-17	53.1	.044	10	K1	3.16	3.16	III IRC -20261
530	13	48	35	-24	8.3	.061	8	DG5	5.38	5.38	
531	13	49	27	-50	40.5	.076	9	K1	6.79	6.79	V
532	13	50	1	50	11.8	.076	S	DMOP	8.30	8.30	
533	13	51	2	13	11.7	.070	11	DMO	9.04	9.04	
9461	13	51	24	65	52.0	.047	11	M1	9.76	9.76	
534	13	52	18	18	38.9	.102	5	G0	2.72	2.72	IV SB
9462	13	54	1	79	5.6	.053	11	DMO	9.22	9.22	
9463	13	55	43	-33	45.1	.046	8	G5	6.48	6.48	V
535	13	57	0	23	6.6	.049		DMOP	7.47	7.47	
9464	13	58	23	18	20.2	.040	S	DMO	8.11	8.11	
536	13	58	31	-2	25.2	.092	8	DMO	9.62	9.62	
9465A	13	59	34	15	44.0	.045	12	DM2	9.67	9.67	MS
9465B	13	59	34	15	44.0	.045	12		9.87	9.87	
537A	14	0	32	46	34.9	.084	8	DM3	8.77J	9.43	
537B	14	0	32	46	34.9	.084	8	DM3	9.62	9.62	
538	14	1	5	11	1.7	.061	7	G8	5.21	5.21	V
9466	14	3	31	-26	26.5	.045	12	K2	1.53	1.53	III
539	14	3	44	-36	7.5	.064	12	K0	1.07	1.07	III
9467	14	3	48	-74	36.9	.040	11	G1	4.03	4.03	V
9468	14	6	27	-61	16.5	.040	5	G9	7.69	7.69	V
9470	14	8	7	25	19.7	.041	8	F8	2.89	2.89	IV SB
540	14	9	12	80	50.4	.071	8	DM1	9.56	9.56	
9471	14	9	54	-27	1.5	.046	12	GK3	3.44	3.44	
9472	14	10	53	-6	43.5	.044	S	DMO	8.72	8.72	
9473	14	13	23	-5	45.8	.043	8	F6	2.25V	2.25	III IRC -10302
9474A	14	14	24	51	35.8	.044	7	A7	2.97	2.97	V
9474B	14	14	26	51	36.4	.044	7	K1	6.45	6.45	V
9475	14	15	29	45	40.5	.046	S	DMOP	8.31	8.31	
542	14	15	31	-59	8.2	.104	7	K3	6.75	6.75	V
9476A	14	16	10	-25	35.5	.050	8	DF4	4.35	4.35	
9476B	14	16	10	-25	35.5	.050	8		11.79	11.79	
9477	14	16	20	-6	22.0	.046	9	DMOP	7.43	7.43	

TABLE 1—Continued

NAME	RADIUS SUN=1	TEMP K	F2.2	F3.4	F4.2	F5.0	F10.2	F11.8	F24.4	F58.6	F101.
WATTS/CM2/MICRON											
9448A	.66	3829.	8.89-17	2.26-17	1.09-17	5.91-18	4.21-19	2.41-19	1.44-20	4.52-22	5.19-23
9448B	.64	3784.	8.25-17	2.10-17	1.02-17	5.53-18	3.95-19	2.26-19	1.35-20	4.25-22	4.88-23
516A	.26	3124.	1.47-17	4.12-18	2.07-18	1.14-18	8.54-20	4.93-20	3.00-21	9.53-23	1.10-23
516B	.45	3365.	5.51-17	1.48-17	7.35-18	4.02-18	2.95-19	1.70-19	1.02-20	3.25-22	3.74-23
9449	.73	4126.	8.17-17	2.01-17	9.66-18	5.18-18	3.63-19	2.08-19	1.23-20	3.86-22	4.42-23
9450	.92	5395.	2.10-16	4.72-17	2.20-17	1.16-17	7.74-19	4.40-19	2.55-20	7.93-22	9.07-23
9451	.72	4070.	9.66-17	2.39-17	1.15-17	6.18-18	4.34-19	2.48-19	1.47-20	4.62-22	5.30-23
9452	.69	3984.	7.14-17	1.78-17	8.60-18	4.63-18	3.27-19	1.87-19	1.11-20	3.49-22	4.00-23
517	.68	3919.	1.47-16	3.68-17	1.78-17	9.60-18	6.80-19	3.90-19	2.32-20	7.28-22	8.36-23
9453	.67	3874.	6.63-17	1.67-17	8.11-18	4.38-18	3.11-19	1.78-19	1.06-20	3.33-22	3.83-23
518	.02	4100.	4.45-19	1.10-19	5.28-20	2.83-20	1.99-21	1.14-21	6.74-23	2.11-24	2.42-25
9454	.67	3895.	8.49-17	2.14-17	1.04-17	5.58-18	3.96-19	2.27-19	1.35-20	4.24-22	4.87-23
9455A	.73	4098.	1.14-16	2.81-17	1.35-17	7.25-18	5.08-19	2.91-19	1.72-20	5.41-22	6.20-23
9455B	.67	3867.	8.60-17	2.17-17	1.05-17	5.68-18	4.04-19	2.31-19	1.38-20	4.33-22	4.97-23
519	.62	3727.	3.10-16	7.95-17	3.88-17	2.10-17	1.50-18	8.62-19	5.15-20	1.62-21	1.86-22
520A	.59	3669.	9.08-17	2.35-17	1.15-17	6.22-18	4.47-19	2.57-19	1.54-20	4.84-22	5.56-23
520B	.58	3639.	8.60-17	2.23-17	1.09-17	5.92-18	4.27-19	2.45-19	1.47-20	4.63-22	5.32-23
521	.51	3467.	1.73-16	4.60-17	2.27-17	1.24-17	9.02-19	5.18-19	3.12-20	9.86-22	1.13-22
9456	.63	3751.	1.82-16	4.66-17	2.27-17	1.23-17	8.79-19	5.04-19	3.01-20	9.48-22	1.09-22
9457A	.98	5743.	4.15-16	9.17-17	4.26-17	2.23-17	1.48-18	8.39-19	4.86-20	1.50-21	1.72-22
9457B	.63	3763.	7.90-17	2.02-17	9.82-18	5.31-18	3.80-19	2.18-19	1.30-20	4.09-22	4.70-23
522	.61	3712.	1.64-16	4.21-17	2.05-17	1.11-17	7.98-19	4.58-19	2.73-20	8.62-22	9.90-23
523	.72	4075.	1.02-16	2.51-17	1.21-17	6.49-18	4.56-19	2.61-19	1.55-20	4.85-22	5.57-23
9458	.66	3818.	9.10-17	2.31-17	1.12-17	6.06-18	4.32-19	2.48-19	1.48-20	4.64-22	5.33-23
525	.56	3571.	2.05-16	5.36-17	2.63-17	1.43-17	1.03-18	5.94-19	3.56-20	1.12-21	1.29-22
9459	1.34	6918.	1.05-15	2.21-16	1.01-16	5.26-17	3.40-18	1.92-18	1.10-19	3.40-21	3.88-22
526	.51	3463.	7.21-16	1.92-16	9.44-17	5.15-17	3.75-18	2.16-18	1.30-19	4.10-21	4.72-22
527A	1.13	6714.	9.30-16	1.98-16	9.08-17	4.72-17	3.06-18	1.73-18	9.95-20	3.07-21	3.50-22
527B	.58	3646.	8.13-17	2.11-17	1.03-17	5.59-18	4.03-19	2.31-19	1.38-20	4.36-22	5.01-23
528A	.75	4209.	4.12-16	1.01-16	4.83-17	2.59-17	1.80-18	1.03-18	6.09-20	1.91-21	2.19-22
528B	.70	4012.	3.26-16	8.12-17	3.91-17	2.11-17	1.48-18	8.49-19	5.04-20	1.58-21	1.82-22
529	.71	4056.	2.99-16	7.42-17	3.57-17	1.92-17	1.35-18	7.72-19	4.58-20	1.44-21	1.65-22
9460	5.43	4610.	6.71-15	1.58-15	7.52-16	4.00-16	2.74-17	1.56-17	9.18-19	2.86-20	3.28-21
530	.91	5336.	4.68-16	1.06-16	4.93-17	2.60-17	1.74-18	9.88-19	5.74-20	1.78-21	2.04-22
531	.78	4399.	3.79-16	9.10-17	4.34-17	2.32-17	1.60-18	9.15-19	5.39-20	1.69-21	1.93-22
532	.68	3912.	2.26-16	5.68-17	2.75-17	1.48-17	1.05-18	6.02-19	3.58-20	1.12-21	1.29-22
533	.63	3748.	1.50-16	3.83-17	1.87-17	1.01-17	7.23-19	4.14-19	2.47-20	7.79-22	8.95-23
9461	.54	3526.	4.39-17	1.16-17	5.68-18	3.09-18	2.25-19	1.29-19	7.75-21	2.45-22	2.81-23
534	2.18	6067.	9.43-15	2.06-15	9.50-16	4.97-16	3.26-17	1.85-17	1.07-18	3.30-20	3.77-21
9462	.60	3697.	7.74-17	1.99-17	9.73-18	5.27-18	3.78-19	2.17-19	1.30-20	4.09-22	4.70-23
9463	.81	4584.	1.60-16	3.79-17	1.80-17	9.57-18	6.57-19	3.75-19	2.20-20	6.87-22	7.87-23
535	.73	4109.	1.20-16	2.96-17	1.42-17	7.64-18	5.36-19	3.07-19	1.82-20	5.69-22	6.53-23
9464	.69	3955.	6.55-17	1.64-17	7.93-18	4.27-18	3.02-19	1.73-19	1.03-20	3.23-22	3.70-23
536	.55	3568.	1.83-16	4.79-17	2.35-17	1.28-17	9.25-19	5.31-19	3.19-20	1.01-21	1.16-22
9465A	.55	3553.	4.25-17	1.11-17	5.47-18	2.98-18	2.16-19	1.24-19	7.43-21	2.35-22	2.70-23
9465B	.53	3497.	3.77-17	9.99-18	4.91-18	2.68-18	1.95-19	1.12-19	6.72-21	2.12-22	2.44-23
537A	.58	3628.	1.71-16	4.44-17	2.17-17	1.18-17	8.50-19	4.88-19	2.92-20	9.22-22	1.06-22
537B	.55	3568.	1.53-16	4.00-17	1.96-17	1.07-17	7.71-19	4.43-19	2.66-20	8.39-22	9.64-23
538	.93	5463.	5.11-16	1.14-16	5.34-17	2.81-17	1.87-18	1.06-18	6.17-20	1.92-21	2.19-22
9466	12.16	4450.	3.30-14	7.88-15	3.75-15	2.00-15	1.38-16	7.89-17	4.64-18	1.45-19	1.66-20
539	13.39	4790.	9.28-14	2.16-14	1.02-14	5.42-15	3.69-16	2.10-16	1.23-17	3.84-19	4.40-20
9467	1.06	6233.	3.55-16	7.69-17	3.55-17	1.85-17	1.21-18	6.87-19	3.96-20	1.22-21	1.40-22
9468	.71	4054.	7.46-17	1.85-17	8.91-18	4.79-18	3.36-19	1.93-19	1.14-20	3.58-22	4.11-23
9470	1.77	6252.	1.05-15	2.27-16	1.04-16	5.45-17	3.56-18	2.02-18	1.16-19	3.60-21	4.11-22
540	.56	3587.	1.13-16	2.95-17	1.45-17	7.86-18	5.68-19	3.26-19	1.96-20	6.18-22	7.10-23
9471	5.61	4270.	6.78-15	1.65-15	7.87-16	4.21-16	2.93-17	1.67-17	9.89-19	3.10-20	3.55-21
9472	.66	3823.	6.82-17	1.73-17	8.41-18	4.54-18	3.23-19	1.85-19	1.10-20	3.48-22	3.99-23
9473	2.09	6471.	1.71-15	3.67-16	1.69-16	8.80-17	5.73-18	3.25-18	1.87-19	5.77-21	6.59-22
9474A	1.19	6966.	6.46-16	1.37-16	6.24-17	3.24-17	2.09-18	1.18-18	6.79-20	2.09-21	2.39-22
9474B	.81	4602.	1.49-16	3.51-17	1.67-17	8.86-18	6.07-19	3.47-19	2.03-20	6.35-22	7.28-23
9475	.68	3910.	8.26-17	2.08-17	1.01-17	5.42-18	3.84-19	2.20-19	1.31-20	4.11-22	4.72-23
542	.78	4422.	7.23-16	1.73-16	8.26-17	4.41-17	3.04-18	1.74-18	1.02-19	3.20-21	3.67-22
9476A	1.03	6061.	5.08-16	1.11-16	5.12-17	2.68-17	1.76-18	9.97-19	5.75-20	1.78-21	2.03-22
9476B	.35	3217.	1.74-17	4.80-18	2.40-18	1.32-18	9.79-20	5.64-20	3.42-21	1.09-22	1.25-23
9477	.73	4120.	1.07-16	2.64-17	1.27-17	6.81-18	4.77-19	2.73-19	1.62-20	5.07-22	5.82-23

TABLE 1—Continued

NAME	RA (1950)			DEC (1950)		PARALLAX		SPEC CLASS	ABS MAG	ABS MAG	NOTES	MIRC
	H	M	S	DEG	ARCMIN	ARCSEC						
543	14	16	36	-7	3.8	.075	9	M4	13.88P	12.43		
544A	14	17	0	-4	55.1	.053	5	DK0	6.17	6.17		
544B	14	17	0	-4	55.1	.053	5	M6	13.12	13.12		
545	14	17	29	-9	22.7	.092	12	M5	12.82	12.82		
9479	14	18	23	-40	8.7	.045	7	K5 V	7.26	7.26		
546	14	19	48	29	51.6	.073	11	K8 V	7.86	7.86		
547	14	20	42	1	28.5	.061	5	G1 V	5.20	5.20		
548A	14	23	24	23	51.4	.065	7	DM1	8.77	8.77		
548B	14	23	27	23	51.5	.065	7	DM2	9.03	9.03		
549A	14	23	30	52	4.8	.068	6	F6 V	3.22	3.22	IRC	+50238
549B	14	23	30	52	4.8	.068	6	M3	10.96P	9.52	IRC	+50238
550	14	24	10	-51	42.5	.057	12	G5 V	6.60	6.60		
9480	14	25	31	24	3.8	.050	8	DM0	9.40	9.40		
9481A	14	25	37	-2	.3	.045	6	G2 III	3.08	3.08		
9481B	14	25	37	-2	.3	.045	6	DK0	7.77	7.77	SB	
9482	14	26	3	-46	14.1	.047	11	K5	10.36P	9.32		
551	14	26	19	-62	28.0	.761	5	DM5E	15.11V	15.11	UV	
552	14	27	11	15	44.1	.073	7	DM3	10.00	10.00		
553	14	28	12	-8	25.2	.052	8	K7 V	8.03	8.03		
9484	14	28	20	-12	4.1	.083	13	M4	13.00P	11.55		
554	14	28	42	35	40.3	.054	13	DK5	7.36	7.36		
9485	14	29	48	11	34.1	.044	5	DMOP	7.91	7.91		
555	14	31	35	-12	18.5	.160	5	M4	12.38	12.38		
556	14	31	51	53	7.3	.073		K3 V	6.55	6.55		
557	14	32	30	29	57.6	.063	13	F2 V	3.47	3.47		
558	14	32	55	33	57.6	.051	11	DM0	8.11	8.11		
9487	14	33	32	-67	42.6	.049	7	F8 V	4.49	4.49		
559A	14	36	11	-60	37.8	.743	7	G2 V	4.34	4.34	SB	GL 4197
559B	14	36	11	-60	37.8	.743	7	K0 V	5.68	5.68		GL 4197
9488	14	37	56	64	30.4	.048	8	DGO	5.95	5.95		
560A	14	38	26	-64	45.5	.051	8	F0 III	1.73	1.73		
560B	14	38	26	-64	45.5	.051	8	K5 V	7.01	7.01		
9489	14	38	26	31	42.0	.042	14	K5	10.12	10.12		
9490A	14	40	16	19	41.5	.044	7	DM0	7.34J	7.98		
9490B	14	40	16	19	41.5	.044	7		8.22	8.22		
9490C	14	40	9	19	43.0	.044	7	DM0	8.31	8.31		
9491	14	40	25	-5	26.5	.041	6	F4 IV	1.93	1.93		
561	14	41	9	26	57.6	.052	18	G5	8.08	8.08		
9492	14	41	32	66	14.7	.040	5	DM0	9.11	9.11		
9493	14	42	54	17	10.5	.043	6	K0 III	2.77	2.77	IRC	+20274
9494A	14	43	6	-25	13.8	.047	10	F0 III	3.56	3.56		
9494B	14	43	7	-25	14.0	.047	10	DF9	5.46	5.46		
562	14	44	3	16	43.0	.072	9	K5 V	8.55	8.55		
9496	14	47	28	23	14.2	.040	8	F6 IV	5.01	5.01		
9497	14	47	55	7	1.2	.052	10	K2 V	7.68	7.68		
9498	14	47	55	-15	47.4	.048	9	F5 IV	3.55	3.55	IRC	-20271
564	14	48	2	24	7.0	.070	6	DG2	5.15	5.15	SB	
565	14	48	50	-24	5.6	.069	8	DK5	7.02	7.02		
566A	14	49	5	19	18.4	.148	6	G8 V	5.39J	5.52	IRC	+20276
566B	14	49	5	19	18.4	.148	6	K5 V	7.76	7.76	IRC	+20276
567	14	51	7	19	21.2	.084	7	K1 V	5.66	5.66	SB	
9500	14	51	31	23	32.9	.040	6	K3 V	6.67	6.67		
568A	14	51	41	23	45.5	.096	6	M5	11.51	11.51		
568B	14	51	41	23	45.5	.096	6	M5	12.11	12.11		
569	14	52	8	16	18.2	.096	11	DMOE	10.11V	10.11	UV	
9501	14	53	44	53	52.5	.046	8	K1 V	6.07	6.07		
9502	14	53	55	17	56.9	.048	5	DM0	9.31	9.31		
570A	14	54	32	-21	11.5	.180	8	K5 V	7.06	7.06	IRC	-20275
570B	14	54	31	-21	11.2	.180	8	M2 V	9.30	9.30	IRC	-20275
9503	14	54	34	-4	8.6	.041	5	F0 IV	2.54	2.54		
9504	14	54	42	-48	39.5	.050	12	G5 V	4.83	4.83		
9505	14	55	29	31	36.4	.066	12	DM2	10.22	10.22		
9506	14	56	2	56	6.3	.042	5	DM0	8.32	8.32		
571	14	56	14	-43	53.5	.057	12	K7 V	8.94	8.94		
9507	14	58	1	-10	55.9	.051	6	DM0	8.03	8.03		

TABLE 1—Continued

NAME	RADIUS SUN=1	TEMP K	F2.2	F3.4	F4.2	F5.0	F10.2	F11.8	F24.4	F58.6	F101.
WATTS/CM2/MICRON											
543	.30	3167.	2.77-17	7.71-18	3.86-18	2.12-18	1.59-19	9.15-20	5.55-21	1.76-22	2.03-23
544A	.83	4784.	2.45-16	5.72-17	2.70-17	1.43-17	9.77-19	5.57-19	3.26-20	1.02-21	1.16-22
544B	.25	3117.	9.00-18	2.53-18	1.27-18	6.99-19	5.25-20	3.03-20	1.84-21	5.85-23	6.75-24
545	.27	3139.	3.24-17	9.06-18	4.54-18	2.50-18	1.87-19	1.08-19	6.56-21	2.09-22	2.40-23
9479	.74	4174.	1.09-16	2.67-17	1.28-17	6.87-18	4.80-19	2.74-19	1.62-20	5.09-22	5.84-23
546	.70	4014.	2.36-16	5.86-17	2.83-17	1.52-17	1.07-18	6.14-19	3.64-20	1.14-21	1.31-22
547	.93	5470.	5.14-16	1.15-16	5.36-17	2.82-17	1.88-18	1.07-18	6.20-20	1.92-21	2.20-22
548A	.65	3812.	1.46-16	3.72-17	1.81-17	9.76-18	6.95-19	3.99-19	2.38-20	7.48-22	8.59-23
548B	.63	3751.	1.30-16	3.32-17	1.62-17	8.75-18	6.26-19	3.59-19	2.14-20	6.75-22	7.76-23
549A	1.14	6736.	1.35-15	2.88-16	1.32-16	6.86-17	4.44-18	2.52-18	1.44-19	4.45-21	5.09-22
549B	.57	3600.	1.06-16	2.77-17	1.36-17	7.37-18	5.32-19	3.06-19	1.83-20	5.78-22	6.65-23
550	.80	4510.	2.33-16	5.53-17	2.63-17	1.40-17	9.65-19	5.51-19	3.24-20	1.01-21	1.16-22
9480	.58	3639.	6.18-17	1.60-17	7.84-18	4.25-18	3.07-19	1.76-19	1.05-20	3.32-22	3.82-23
9481A	2.05	5875.	1.53-15	3.37-16	1.56-16	8.18-17	5.39-18	3.06-18	1.77-19	5.48-21	6.26-22
9481B	.71	4035.	9.21-17	2.29-17	1.10-17	5.93-18	4.17-19	2.39-19	1.42-20	4.44-22	5.10-23
9482	.59	3665.	5.73-17	1.48-17	7.24-18	3.93-18	2.82-19	1.62-19	9.69-21	3.06-22	3.51-23
551	.15	2962.	5.74-16	1.66-16	8.41-17	4.67-17	3.56-18	2.06-18	1.26-19	4.01-21	4.63-22
552	.51	3467.	9.24-17	2.45-17	1.21-17	6.59-18	4.80-19	2.76-19	1.66-20	5.25-22	6.04-23
553	.69	3974.	1.13-16	2.83-17	1.37-17	7.36-18	5.20-19	2.98-19	1.77-20	5.55-22	6.37-23
9484	.37	3243.	5.39-17	1.48-17	7.39-18	4.06-18	3.01-19	1.73-19	1.05-20	3.33-22	3.84-23
554	.74	4141.	1.51-16	3.72-17	1.79-17	9.59-18	6.71-19	3.84-19	2.27-20	7.12-22	8.17-23
9485	.70	4003.	8.43-17	2.10-17	1.01-17	5.45-18	3.84-19	2.20-19	1.31-20	4.10-22	4.71-23
555	.31	3171.	1.30-16	3.62-17	1.81-17	9.97-18	7.44-19	4.29-19	2.61-20	8.28-22	9.54-23
556	.80	4540.	3.90-16	9.27-17	4.40-17	2.34-17	1.61-18	9.20-19	5.41-20	1.69-21	1.94-22
557	1.11	6582.	1.05-15	2.25-16	1.04-16	5.39-17	3.50-18	1.98-18	1.14-19	3.52-21	4.02-22
558	.69	3955.	1.07-16	2.67-17	1.29-17	6.94-18	4.90-19	2.81-19	1.67-20	5.24-22	6.02-23
9487	1.02	5963.	4.66-16	1.02-16	4.72-17	2.47-17	1.63-18	9.23-19	5.33-20	1.65-21	1.88-22
559A	1.04	6067.	1.13-13	2.45-14	1.13-14	5.93-15	3.89-16	2.21-16	1.27-17	3.94-19	4.50-20
559B	.87	5119.	5.99-14	1.37-14	6.42-15	3.39-15	2.28-16	1.30-16	7.57-18	2.35-19	2.69-20
9488	.85	4932.	2.23-16	5.14-17	2.42-17	1.28-17	8.68-19	4.95-19	2.89-20	9.00-22	1.03-23
560A	2.06	7244.	2.78-15	5.82-16	2.66-16	1.38-16	8.84-18	5.00-18	2.86-19	8.81-21	1.01-21
560B	.76	4280.	1.55-16	3.75-17	1.80-17	9.60-18	6.68-19	3.82-19	2.25-20	7.05-22	8.09-23
9489	.50	3444.	2.87-17	7.64-18	3.77-18	2.06-18	1.50-19	8.63-20	5.19-21	1.64-22	1.89-23
9490A	.69	3986.	8.25-17	2.06-17	9.93-18	5.34-18	3.77-19	2.16-19	1.28-20	4.03-22	4.62-23
9490B	.68	3930.	7.71-17	1.94-17	9.36-18	5.05-18	3.57-19	2.05-19	1.22-20	3.82-22	4.39-23
9490C	.68	3910.	7.56-17	1.90-17	9.20-18	4.96-18	3.51-19	2.01-19	1.20-20	3.76-22	4.32-23
9491	2.15	6683.	1.72-15	3.67-16	1.68-16	8.76-17	5.68-18	3.22-18	1.85-19	5.70-21	6.51-22
561	.69	3962.	1.12-16	2.79-17	1.35-17	7.27-18	5.13-19	2.94-19	1.75-20	5.49-22	6.30-23
9492	.62	3729.	4.70-17	1.21-17	5.88-18	3.18-18	2.28-19	1.31-19	7.80-21	2.46-22	2.83-23
9493	6.12	4790.	8.75-15	2.04-15	9.63-16	5.11-16	3.48-17	1.98-17	1.16-18	3.62-20	4.15-21
9494A	.89	7244.	4.37-16	9.16-17	4.18-17	2.17-17	1.39-18	7.88-19	4.50-20	1.39-21	1.58-22
9494B	.90	5277.	2.67-16	6.03-17	2.82-17	1.49-17	9.96-19	5.67-19	3.30-20	1.02-21	1.17-22
562	.67	3859.	1.92-16	4.84-17	2.35-17	1.27-17	9.01-19	5.16-19	3.07-20	9.67-22	1.11-22
9496	.59	6471.	1.17-16	2.50-17	1.15-17	6.00-18	3.90-19	2.21-19	1.27-20	3.93-22	4.49-23
9497	.71	4056.	1.27-16	3.13-17	1.51-17	8.11-18	5.70-19	3.26-19	1.93-20	6.07-22	6.97-23
9498	1.08	6561.	5.78-16	1.24-16	5.69-17	2.96-17	1.92-18	1.09-18	6.27-20	1.93-21	2.21-22
564	.94	5508.	6.94-16	1.55-16	7.23-17	3.80-17	2.53-18	1.44-18	8.34-20	2.59-21	2.96-22
565	.76	4275.	2.82-16	6.84-17	3.27-17	1.75-17	1.22-18	6.96-19	4.11-20	1.29-21	1.48-22
566A	.89	5234.	2.56-15	5.81-16	2.72-16	1.44-16	9.63-18	5.48-18	3.19-19	9.91-21	1.13-21
566B	.71	4037.	1.00-15	2.48-16	1.20-16	6.43-17	4.52-18	2.59-18	1.54-19	4.82-21	5.53-22
567	.87	5133.	7.73-16	1.76-16	8.27-17	4.37-17	2.94-18	1.67-18	9.74-20	3.03-21	3.47-22
9500	.79	4468.	1.11-16	2.65-17	1.26-17	6.72-18	4.63-19	2.65-19	1.56-20	4.86-22	5.58-23
568A	.38	3248.	7.36-17	2.02-17	1.01-17	5.53-18	4.10-19	2.36-19	1.43-20	4.54-22	5.23-23
568B	.33	3191.	5.49-17	1.52-17	7.60-18	4.18-18	3.12-19	1.80-19	1.09-20	3.46-22	3.99-23
569	.50	3446.	1.51-16	4.01-17	1.98-17	1.08-17	7.88-19	4.53-19	2.73-20	8.62-22	9.92-23
9501	.84	4851.	1.94-16	4.49-17	2.12-17	1.12-17	7.63-19	4.35-19	2.54-20	7.93-22	9.08-23
9502	.59	3669.	6.01-17	1.55-17	7.59-18	4.12-18	2.96-19	1.70-19	1.02-20	3.20-22	3.68-23
570A	.76	4256.	1.89-15	4.59-16	2.20-16	1.17-16	8.18-18	4.67-18	2.76-19	8.65-21	9.92-22
570B	.59	3672.	8.51-16	2.20-16	1.07-16	5.82-17	4.18-18	2.40-18	1.44-19	4.53-21	5.21-22
9503	1.42	7244.	8.51-16	1.78-16	8.14-17	4.22-17	2.71-18	1.53-18	8.77-20	2.70-21	3.08-22
9504	.98	5743.	4.15-16	9.17-17	4.26-17	2.23-17	1.48-18	8.39-19	4.86-20	1.50-21	1.72-22
9505	.49	3426.	6.71-17	1.79-17	8.85-18	4.83-18	3.53-19	2.03-19	1.22-20	3.87-22	4.45-23
9506	.68	3908.	6.87-17	1.73-17	8.37-18	4.51-18	3.20-19	1.83-19	1.09-20	3.42-22	3.93-23
571	.64	3773.	1.05-16	2.67-17	1.30-17	7.04-18	5.02-19	2.88-19	1.72-20	5.41-22	6.22-23
9507	.69	3974.	1.09-16	2.72-17	1.32-17	7.08-18	5.00-19	2.86-19	1.70-20	5.34-22	6.13-23

TABLE 1—Continued

NAME	RA (1950)			DEC (1950)		PARALLAX	SPEC CLASS	ABS MAG	ABS MAG	NOTES	MIRC
	H	M	S	DEG	ARCMIN						
572	14	59	9	45	37.0	.069 10	DMO	8.32	8.32		
573	14	59	9	16	4.1	.025	DK8	6.12	6.12		
574	14	59	42	-46	5.8	.058 12	K5 V	8.69	8.69		
9508	15	1	8	-25	5.1	.062 13	M4 III	2.23V	2.23		IRC -30228
575A	15	2	8	47	50.9	.084 5	DG1	4.38	4.38		
575B	15	2	8	47	50.9	.084 5	DG2	5.47V	5.47	EB SB	
576	15	2	27	5	50.4	.057 11	K5	8.65	8.65	SE AB	
9510	15	3	58	65	.3	.040 11	G8	7.31	7.31		
577	15	4	57	64	14.2	.053 11	DG5	7.06	7.06		
578	15	5	6	25	3.8	.062 7	F5 V	3.89	3.89		
579	15	5	16	25	7.1	.075 6	K7 V	9.32	9.32		
9511A	15	7	28	-16	8.5	.044 5	K0 VI	7.25	7.25		
9511B	15	7	28	-16	13.5	.044 5	K2 VI	7.65	7.65		
9512A	15	8	41	-51	54.5	.042 9	G8 III	1.53	1.53		
9512B	15	8	33	-51	55.0	.042 9	F9 V	4.81	4.81		
9513	15	10	14	-0	58.5	.047 9	K0	7.46	7.46		
580A	15	11	20	-1	9.5	.064 4	G8 V MS	5.62J	6.32		
580B	15	11	20	-1	9.5	.064 4		6.43	6.43		
9514	15	11	25	-3	36.9	.040 5	K4 V	7.84	7.84		
9515	15	13	15	7	47.6	.042 5	DMO	8.72	8.72		
9516	15	13	35	-58	37.0	.052 10	A3 V	2.65	2.65		
9517	15	14	3	67	32.1	.047 5	F8 V	3.51	3.51		
9518	15	15	38	-18	25.0	.044 9	K5P	9.02	9.02		
581	15	16	50	-7	32.4	.153 6	DM5	11.50	11.50		
582	15	18	25	-48	8.1	.065 7	G2 V	4.71	4.71		
9519A	15	19	8	-47	44.4	.062 11	G5 V	6.65J	7.19		
9519B	15	19	8	-47	44.4	.062 11		7.66	7.66		
583	15	19	27	-4	35.9	.059 12	K6	8.32	8.32		
9520	15	19	38	21	9.2	.044 5	DMOE	8.72	8.72		
9521	15	20	11	1	36.0	.041 8	K3 V	6.35	6.35		
584A	15	21	8	30	28.0	.060 5	G2 V	3.87J	4.48	SB	
584B	15	21	8	30	28.0	.060 5	G2 V	4.79	4.79		
585	15	21	35	17	39.5	.091 13	M6	14.80P	13.19		
586A	15	25	27	-9	10.2	.061 6	DK1	5.76	5.76		
586B	15	25	30	-9	10.7	.061 6	DK5	6.47	6.47		
586C	15	25	3	-8	51.3	.061 6		14.28	14.28		
587	15	25	44	-49	46.8	.057 12	G5 V	6.44	6.44		
588	15	28	58	-41	5.6	.169 5	M4	11.24	11.24		
9522A	15	30	10	47	13.7	.044 5	DMO	8.62	8.62		
9523	15	32	3	38	4.8	.046 5	DMO	9.41	9.41		
9524	15	32	34	26	52.9	.041 8	A0 V	.30V	.30	SB EB	IRC +30275
589A	15	33	8	17	52.9	.093 12	M4	11.84	11.84		
589B	15	33	8	17	52.9	.093 12	M6	15.04	15.04		
9525A	15	33	59	-27	58.3	.043 8	K5 III	1.75	1.75		IRC -30239
9525B	15	33	59	-27	58.3	.043 8		10.17	10.17		IRC -30239
591	15	34	10	39	59.6	.053 6	DK5	6.24	6.24		
592	15	34	13	-13	57.8	.090 8	M5	13.57P	12.07		
593A	15	34	16	39	58.0	.053 6	DK4	5.42J	6.04		
593B	15	34	16	39	58.0	.053 6	DK5	6.32	6.32		
9526	15	37	19	-23	39.4	.048 10	K4 III	3.38	3.38		IRC -20291
594	15	37	45	-44	29.7	.059 7	F5 IV	3.49	3.49		
595	15	39	20	-19	18.5	.111 10	M5	11.93	11.93		
596	15	40	55	26	26.2	.056 14		9.54	9.54		
9527A	15	41	31	2	40.4	.046 8	DG5	4.19	4.19	SB	
9527B	15	41	31	2	40.4	.046 8		10.31	10.31		
9528	15	41	48	6	34.9	.049 5	K2 III	1.09	1.09		IRC +10294
597	15	42	15	76	9.6	.065 15	M4	10.66	10.66		
598	15	44	1	7	30.5	.094 5	G0 V	4.30	4.30		IRC +10295
599A	15	44	14	-37	45.5	.074 8	G6 V	5.36	5.36		
599B	15	44	14	-37	45.5	.073 7	WDA	12.15	12.15		
9529A	15	44	19	20	5.0	.042 5	DK8	8.32	8.32		
9529B	15	44	19	20	5.0	.042 5		8.12	8.12		
601	15	50	43	-63	16.7	.083 12	F2 IV	2.45	2.45		
602	15	50	57	42	35.4	.056 5	F9 V	3.36	3.36		
9531	15	53	58	38	5.3	.043 6	DFO	3.61	3.61		

TABLE 1—Continued

NAME	RADIUS SUN=1	TEMP K	F2.2	F3.4	F4.2	F5.0	F10.2	F11.8	F24.4	F58.6	F101.
WATTS/CM ² /MICRON											
572	.68	3908.	1.85-16	4.66-17	2.26-17	1.22-17	8.62-19	4.94-19	2.94-20	9.24-22	1.06-22
573	.84	4817.	5.59-17	1.30-17	6.14-18	3.26-18	2.21-19	1.26-19	7.38-21	2.30-22	2.64-23
574	.66	3829.	1.20-16	3.03-17	1.47-17	7.95-18	5.66-19	3.25-19	1.93-20	6.09-22	6.99-23
9508	21.61	3560.	1.25-13	3.29-14	1.61-14	8.77-15	6.35-16	3.65-16	2.19-17	6.91-19	7.95-20
575A	1.03	6040.	1.42-15	3.10-16	1.43-16	7.50-17	4.92-18	2.79-18	1.61-19	4.99-21	5.70-22
575B	.89	5270.	8.47-16	1.92-16	8.97-17	4.73-17	3.17-18	1.80-18	1.05-19	3.26-21	3.73-22
576	.66	3838.	1.17-16	2.96-17	1.44-17	7.76-18	5.52-19	3.17-19	1.89-20	5.93-22	6.82-23
9510	.74	4157.	8.46-17	2.07-17	9.96-18	5.34-18	3.74-19	2.14-19	1.26-20	3.96-22	4.55-23
577	.76	4256.	1.64-16	3.98-17	1.90-17	1.02-17	7.09-19	4.05-19	2.39-20	7.50-22	8.60-23
578	1.07	6321.	8.93-16	1.93-16	8.88-17	4.63-17	3.03-18	1.72-18	9.87-20	3.05-21	3.49-22
579	.59	3665.	1.46-16	3.77-17	1.84-17	1.00-17	7.19-19	4.13-19	2.47-20	7.78-22	8.95-23
9511A	.46	4898.	5.32-17	1.23-17	5.81-18	3.08-18	2.09-19	1.19-19	6.95-21	2.16-22	2.48-23
9511B	.44	4677.	4.50-17	1.06-17	5.01-18	2.66-18	1.82-19	1.04-19	6.09-21	1.90-22	2.18-23
9512A	9.41	4930.	2.08-14	4.80-15	2.26-15	1.20-15	8.11-17	4.62-17	2.70-18	8.41-20	9.63-21
9512B	.98	5756.	2.96-16	6.53-17	3.03-17	1.59-17	1.05-18	5.97-19	3.45-20	1.07-21	1.22-22
9513	.73	4111.	1.11-16	2.73-17	1.31-17	7.05-18	4.94-19	2.83-19	1.67-20	5.25-22	6.03-23
580A	.82	4687.	3.34-16	7.85-17	3.72-17	1.97-17	1.35-18	7.69-19	4.51-20	1.41-21	1.61-22
580B	.81	4615.	3.17-16	7.49-17	3.55-17	1.89-17	1.29-18	7.38-19	4.33-20	1.35-21	1.55-22
9514	.70	4019.	7.12-17	1.77-17	8.54-18	4.59-18	3.23-19	1.85-19	1.10-20	3.45-22	3.96-23
9515	.66	3823.	6.21-17	1.58-17	7.66-18	4.14-18	2.95-19	1.69-19	1.01-20	3.17-22	3.64-23
9516	1.31	7438.	1.21-15	2.53-16	1.15-16	5.96-17	3.82-18	2.16-18	1.23-19	3.80-21	4.33-22
9517	1.10	6555.	5.79-16	1.24-16	5.69-17	2.97-17	1.93-18	1.09-18	6.27-20	1.94-21	2.21-22
9518	.63	3753.	5.98-17	1.53-17	7.45-18	4.03-18	2.88-19	1.65-19	9.87-21	3.11-22	3.57-23
581	.38	3249.	1.88-16	5.16-17	2.57-17	1.41-17	1.05-18	6.03-19	3.65-20	1.16-21	1.33-22
582	.99	5820.	7.41-16	1.63-16	7.57-17	3.97-17	2.62-18	1.49-18	8.60-20	2.66-21	3.05-22
9519A	.75	4198.	2.12-16	5.18-17	2.48-17	1.33-17	9.29-19	5.31-19	3.14-20	9.84-22	1.13-22
9519B	.72	4061.	1.81-16	4.48-17	2.16-17	1.16-17	8.15-19	4.66-19	2.76-20	8.68-22	9.96-23
583	.68	3908.	1.36-16	3.41-17	1.65-17	8.90-18	6.31-19	3.61-19	2.15-20	6.75-22	7.76-23
9520	.66	3823.	6.82-17	1.73-17	8.41-18	4.54-18	3.23-19	1.85-19	1.10-20	3.48-22	3.99-23
9521	.82	4666.	1.35-16	3.18-17	1.51-17	8.00-18	5.47-19	3.12-19	1.83-20	5.71-22	6.54-23
584A	1.03	5972.	7.02-16	1.54-16	7.11-17	3.72-17	2.45-18	1.39-18	8.02-20	2.48-21	2.84-22
584B	.98	5769.	6.09-16	1.34-16	6.24-17	3.27-17	2.16-18	1.23-18	7.10-20	2.20-21	2.52-22
585	.24	3112.	2.55-17	7.17-18	3.60-18	1.98-18	1.49-19	8.59-20	5.23-21	1.66-22	1.92-23
586A	.87	5063.	3.90-16	8.94-17	4.20-17	2.22-17	1.50-18	8.52-19	4.97-20	1.55-21	1.77-22
586B	.81	4590.	2.83-16	6.69-17	3.17-17	1.69-17	1.16-18	6.61-19	3.88-20	1.21-21	1.39-22
586C	.18	3033.	6.14-13	1.75-18	8.84-19	4.89-19	3.70-20	2.14-20	1.30-21	4.15-23	4.78-24
587	.81	4609.	2.50-16	5.91-17	2.81-17	1.49-17	1.02-18	5.84-19	3.43-20	1.07-21	1.23-22
588	.40	3281.	2.61-16	7.14-17	3.55-17	1.95-17	1.44-18	8.29-19	5.01-20	1.59-21	1.83-22
9522A	.66	3844.	7.02-17	1.78-17	8.63-18	4.66-18	3.31-19	1.90-19	1.13-20	3.56-22	4.09-23
9523	.58	3636.	5.20-17	1.35-17	6.60-18	3.58-18	2.58-19	1.48-19	8.87-21	2.80-22	3.22-23
9524	2.72	10972.	5.64-15	1.11-15	4.95-16	2.53-16	1.56-17	8.81-18	4.96-19	1.51-20	1.72-21
589A	.35	3212.	5.87-17	1.62-17	8.10-18	4.45-18	3.31-19	1.91-19	1.16-20	3.67-22	4.23-23
589B	.15	2968.	8.89-18	2.57-18	1.30-18	7.22-19	5.50-20	3.18-20	1.94-21	6.20-23	7.15-24
9525A	14.59	3980.	3.48-14	8.68-15	4.19-15	2.26-15	1.59-16	9.12-17	5.41-18	1.70-19	1.95-20
9525B	.50	3435.	2.93-17	7.81-18	3.85-18	2.10-18	1.54-19	8.83-20	5.32-21	1.68-22	1.94-23
591	.83	4738.	2.38-16	5.56-17	2.63-17	1.40-17	9.52-19	5.43-19	3.18-20	9.92-22	1.14-22
592	.33	3194.	4.93-17	1.37-17	6.82-18	3.75-18	2.80-19	1.61-19	9.77-21	3.10-22	3.58-23
593A	.84	4869.	2.60-16	6.03-17	2.85-17	1.51-17	1.02-18	5.83-19	3.41-20	1.06-21	1.22-22
593B	.82	4685.	2.29-16	5.38-17	2.55-17	1.35-17	9.24-19	5.27-19	3.09-20	9.64-22	1.10-22
9526	6.43	4095.	8.93-15	2.20-15	1.06-15	5.69-16	3.99-17	2.28-17	1.35-18	4.24-20	4.87-21
594	1.11	6561.	9.24-16	1.98-16	9.08-17	4.73-17	3.07-18	1.74-18	1.00-19	3.09-21	3.53-22
595	.34	3204.	8.02-17	2.22-17	1.11-17	6.09-18	4.53-19	2.61-19	1.58-20	5.03-22	5.79-23
596	.56	3594.	7.12-17	1.86-17	9.10-18	4.95-18	3.57-19	2.05-19	1.23-20	3.88-22	4.46-23
9527A	1.05	6141.	4.49-16	9.75-17	4.50-17	2.35-17	1.54-18	8.75-19	5.04-20	1.56-21	1.78-22
9527B	.48	3410.	3.11-17	8.33-18	4.11-18	2.25-18	1.64-19	9.46-20	5.70-21	1.80-22	2.07-23
9528	14.89	4450.	5.86-14	1.40-14	6.68-15	3.56-15	2.46-16	1.40-16	8.25-18	2.58-19	2.96-20
597	.45	3356.	5.18-17	1.40-17	6.92-18	3.79-18	2.78-19	1.60-19	9.67-21	3.06-22	3.52-23
598	1.04	6090.	1.82-15	3.97-16	1.83-16	9.58-17	6.29-18	3.57-18	2.06-19	6.36-21	7.27-22
599A	.91	5351.	6.96-16	1.57-16	7.33-17	3.86-17	2.58-18	1.47-18	8.53-20	2.65-21	3.03-22
599B	.02	8100.	6.20-19	1.27-19	5.77-20	2.98-20	1.89-21	1.07-21	6.08-23	1.87-24	2.13-25
9529A	.68	3908.	6.87-17	1.73-17	8.37-18	4.51-18	3.20-19	1.83-19	1.09-20	3.42-22	3.93-23
9529B	.68	3952.	7.21-17	1.80-17	8.72-18	4.70-18	3.32-19	1.90-19	1.13-20	3.55-22	4.07-23
601	1.51	6918.	3.70-15	7.82-16	3.58-16	1.86-16	1.20-17	6.80-18	3.90-19	1.20-20	1.37-21
602	1.12	6669.	8.69-16	1.85-16	8.50-17	4.43-17	2.87-18	1.63-18	9.33-20	2.88-21	3.29-22
9531	1.09	6506.	4.71-16	1.01-16	4.64-17	2.42-17	1.57-18	8.92-19	5.13-20	1.58-21	1.81-22

TABLE 1—*Continued*

NAME	RA (1950)			DEC (1950)		PARALLAX	SPEC CLASS		ABS MAG	ABS MAG	NOTES	MIRC
	H	M	S	DEG	ARC MIN	ARC SEC						
603	15	54	8	15	49.4	.081 8	F6	V	3.40	3.40		IRC +20289
604	15	54	16	-42	28.7	.060 7	K5	V	6.94	6.94		
9532	15	55	44	63	57.4	.044 9	G5		7.82	7.82		
9533	15	56	32	27	52.6	.044 5	K0	V	6.24	6.24		
9534	15	56	52	-45	18.5	.045 13	G5	IV	5.78	5.78		
605	15	56	55	59	24.5	.050 5	DM0		9.09	9.09		
9535	15	57	11	65	32.4	.042 11	DG5		7.22	7.22	SB	
606	15	57	11	-8	6.8	.058 5	DM0		9.02	9.02		
9536A	15	58	21	-84	5.8	.049 13	K0	V	6.11	6.11		
9536B	15	58	21	-84	5.8	.049 13	M		9.45	9.45		
9537	15	59	8	33	27.2	.042 8	G2	V	3.54	3.54		
607	15	59	45	30	19.0	.063 10	M4		13.10P	11.65		
608	15	59	53	61	48.0	.040	DM0		7.99	7.99		
609	16	0	43	20	44.6	.099 14	M4		14.18P	12.73		
9538	16	0	57	58	41.9	.046 6	F8	IV	2.34	2.34	SB	IRC +60238
9539A	16	1	7	-21	47.4	.040 7	K1		6.81	6.81		
9539B	16	1	7	-21	47.4	.040 7	M0		9.81	9.81		
9540A	16	1	37	-11	14.2	.042 3	F6	IV MS	2.28J	2.98		
9540C	16	1	37	-11	14.1	.042 3	G8	V	5.42	5.42		
9541A	16	1	41	-11	18.7	.047 5	G8	V	5.79	5.79		
9541B	16	1	41	-11	18.7	.047 5	K0	V	6.38	6.38		
9542	16	1	59	25	22.9	.053 6	G8	V	5.72	5.72	SB	
9543A	16	2	29	-32	43.5	.042 7	K0	V MS	5.96J	6.50		
9543B	16	2	29	-32	43.5	.042 7			7.12	7.12		
9543C	16	2	29	-32	43.5	.042 7	K5		9.22	9.22		
610	16	2	44	-20	18.5	.058 6	DK2		5.92	5.92		
611A	16	3	13	39	17.4	.080 5	G8	V	6.18	6.18		
9544	16	3	51	-70	55.9	.047 7	G8	V	5.59	5.59		
9545	16	3	58	80	45.8	.046 10	K0		5.91	5.91		
612	16	4	42	38	46.4	.057 7	K3	V	7.38	7.38		
9546	16	4	48	34	45.9	.046 8	DM0		8.76	8.76		
613	16	5	41	-56	19.0	.076 12	K3	V	6.51	6.51		
9547	16	7	57	-52	47.0	.041 7			9.06	9.06		
614	16	8	47	43	57.0	.063 7	K1	V	5.65	5.65		
615	16	9	47	-57	25.5	.066 5	K0	V	6.64	6.64		
9548A	16	10	58	13	39.5	.051 6	DG9		5.22J	5.91		
9548B	16	10	58	13	39.5	.051 6	DK0		6.04	6.04		
9549	16	12	3	33	53.9	.064 8			11.27	11.27		
9550A	16	12	48	33	59.0	.043 5	DF6		3.83	3.83	SB	
9550B	16	12	48	33	59.0	.043 5	DG1		4.89	4.89		
616	16	12	54	-8	14.2	.061 5	G1	V	4.42	4.42		
9551	16	15	10	71	3.4	.042 6	DG5		6.02	6.02		
9552	16	15	59	55	23.7	.048 9	DM1E		8.37V	8.37	UV	
9553	16	16	2	-28	10.2	.040 8	G0	V	5.68	5.68		
9554	16	16	5	-50	2.0	.043 10	G8	III	2.18	2.18		
617A	16	16	37	67	21.5	.089 4	M0	V	8.37	8.37		
617B	16	16	39	67	22.5	.089 4	M3		10.47	10.47		
618A	16	16	47	-37	25.4	.131 7	M4		12.59P	11.14		
618B	16	16	47	-37	25.4	.131 7	M7		16.59P	14.86		
9555	16	17	48	-4	8.8	.028	DM2		7.92	7.92		
9556	16	17	50	51	52.4	.046 5	DMOP		8.51	8.51		
9557A	16	18	12	39	49.5	.040 7	DFO		3.47	3.47		
9557B	16	18	12	39	49.5	.040 7			9.01	9.01		
9558	16	19	1	-48	31.9	.049 6	M3		10.25	10.25		
619	16	19	12	41	4.6	.083	DMOP		8.58	8.58		
620	16	20	7	-24	35.0	.044 9	DM2		9.42P	8.01		
9559	16	20	38	-39	4.6	.055 10	DG5		4.08	4.08		
621	16	21	32	-13	31.5	.061 7	K3	V	7.33J	7.38		
622	16	22	17	-21	49.0	.068 7	K5		9.46	9.46		
623	16	22	39	48	28.4	.138 6	DM3		10.97	10.97		
624	16	23	4	-69	58.5	.093 9	G0	V	4.74	4.74	SB	
9561A	16	23	18	61	37.5	.043 12	G8	III	.89	.89		IRC +60242
9561B	16	23	18	61	37.5	.043 12	K1		6.97	6.97		IRC +60242
625	16	24	14	54	25.0	.159	DM2		11.12	11.12		
9562	16	24	15	-22	.7	.042 20	G1	VI	5.76	5.76		

TABLE 1—Continued

NAME	RADIUS SUN=1	TEMP K	F2.2	F3.4	F4.2	F5.0	F10.2	F11.8	F24.4	F58.6	F101.
WATTS/CM2/MICRON											
603	1.11	6638.	1.79-15	3.82-16	1.75-16	9.12-17	5.92-18	3.35-18	1.93-19	5.94-21	6.79-22
604	.77	4317.	2.21-16	5.34-17	2.55-17	1.36-17	9.47-19	5.41-19	3.19-20	9.99-22	1.15-22
9532	.70	4024.	8.67-17	2.16-17	1.04-17	5.59-18	3.93-19	2.25-19	1.34-20	4.20-22	4.82-23
9533	.83	4738.	1.64-16	3.83-17	1.81-17	9.62-18	6.56-19	3.74-19	2.19-20	6.83-22	7.83-23
9534	.67	5623.	1.51-16	3.35-17	1.56-17	8.19-18	5.43-19	3.09-19	1.79-20	5.55-22	6.34-23
605	.62	3735.	7.43-17	1.90-17	9.28-18	5.02-18	3.60-19	2.06-19	1.23-20	3.88-22	4.46-23
9535	.75	4189.	9.64-17	2.36-17	1.13-17	6.06-18	4.23-19	2.42-19	1.43-20	4.48-22	5.14-23
606	.63	3753.	1.04-16	2.66-17	1.30-17	7.01-18	5.01-19	2.87-19	1.72-20	5.40-22	6.21-23
9536A	.84	4824.	2.16-16	5.02-17	2.37-17	1.26-17	8.53-19	4.86-19	2.85-20	8.87-22	1.02-22
9536B	.57	3623.	5.76-17	1.50-17	7.33-18	3.98-18	2.87-19	1.65-19	9.86-21	3.11-22	3.58-23
9537	1.10	6539.	4.58-16	9.82-17	4.51-17	2.35-17	1.53-18	8.66-19	4.97-20	1.54-21	1.75-22
607	.36	3232.	2.96-17	8.15-18	4.06-18	2.23-18	1.66-19	9.55-20	5.78-21	1.84-22	2.11-23
608	.69	3984.	6.79-17	1.70-17	8.18-18	4.40-18	3.11-19	1.78-19	1.06-20	3.32-22	3.81-23
609	.28	3146.	3.97-17	1.11-17	5.56-18	3.06-18	2.29-19	1.32-19	8.03-21	2.55-22	2.94-23
9538	2.28	6252.	2.19-15	4.73-16	2.18-16	1.14-16	7.45-18	4.22-18	2.43-19	7.52-21	8.59-22
9539A	.78	4388.	1.04-16	2.50-17	1.19-17	6.37-18	4.41-19	2.52-19	1.48-20	4.64-22	5.32-23
9539B	.53	3512.	3.09-17	8.15-18	4.01-18	2.18-18	1.59-19	9.11-20	5.47-21	1.73-22	1.99-23
9540A	1.50	6471.	8.33-16	1.79-16	8.23-17	4.29-17	2.79-18	1.58-18	9.09-20	2.81-21	3.21-22
9540C	.90	5306.	2.17-16	4.91-17	2.30-17	1.21-17	8.10-19	4.61-19	2.68-20	8.32-22	9.52-23
9541A	.86	5042.	2.29-16	5.24-17	2.46-17	1.30-17	8.79-19	5.01-19	2.92-20	9.08-22	1.04-22
9541B	.81	4647.	1.75-16	4.12-17	1.95-17	1.04-17	7.11-19	4.06-19	2.38-20	7.43-22	8.51-23
9542	.87	5091.	3.00-16	6.85-17	3.22-17	1.70-17	1.14-18	6.52-19	3.80-20	1.18-21	1.35-22
9543A	.80	4571.	1.32-16	3.13-17	1.49-17	7.92-18	5.43-19	3.10-19	1.82-20	5.69-22	6.52-23
9543B	.75	4229.	1.00-16	2.44-17	1.17-17	6.26-18	4.37-19	2.50-19	1.47-20	4.62-22	5.30-23
9543C	.60	3697.	4.86-17	1.25-17	6.11-18	3.31-18	2.37-19	1.36-19	8.14-21	2.57-22	2.95-23
610	.85	4952.	3.29-16	7.60-17	3.58-17	1.89-17	1.28-18	7.30-19	4.26-20	1.33-21	1.52-22
611A	.83	4777.	5.57-16	1.30-16	6.14-17	3.26-17	2.22-18	1.26-18	7.40-20	2.31-21	2.64-22
9544	.88	5183.	2.50-16	5.68-17	2.66-17	1.41-17	9.44-19	5.37-19	3.13-20	9.72-22	1.11-22
9545	.85	4959.	2.08-16	4.80-17	2.26-17	1.19-17	8.08-19	4.61-19	2.69-20	8.37-22	9.59-23
612	.74	4135.	1.68-16	4.12-17	1.98-17	1.06-17	7.43-19	4.25-19	2.52-20	7.89-22	9.06-23
9546	.66	3814.	7.35-17	1.87-17	9.08-18	4.90-18	3.49-19	2.00-19	1.19-20	3.76-22	4.32-23
613	.80	4565.	4.31-16	1.02-16	4.85-17	2.58-17	1.77-18	1.01-18	5.94-20	1.86-21	2.13-22
9547	.62	3743.	5.08-17	1.30-17	6.34-18	3.43-18	2.45-19	1.41-19	8.40-21	2.65-22	3.04-23
614	.88	5140.	4.37-16	9.96-17	4.67-17	2.47-17	1.66-18	9.44-19	5.50-20	1.71-21	1.96-22
615	.79	4486.	3.06-16	7.30-17	3.47-17	1.85-17	1.27-18	7.28-19	4.28-20	1.34-21	1.53-22
9548A	.85	4960.	2.56-16	5.90-17	2.78-17	1.47-17	9.94-19	5.66-19	3.31-20	1.03-21	1.18-22
9548B	.84	4871.	2.41-16	5.59-17	2.64-17	1.40-17	9.49-19	5.41-19	3.16-20	9.85-22	1.13-22
9549	.39	3277.	3.69-17	1.01-17	5.02-18	2.75-18	2.04-19	1.17-19	7.09-21	2.25-22	2.59-23
9550A	1.07	6360.	4.38-16	9.45-17	4.35-17	2.27-17	1.48-18	8.39-19	4.83-20	1.49-21	1.70-22
9550B	.97	5705.	2.99-16	6.61-17	3.07-17	1.61-17	1.07-18	6.06-19	3.51-20	1.09-21	1.24-22
616	1.03	6012.	7.41-16	1.62-16	7.48-17	3.91-17	2.57-18	1.46-18	8.43-20	2.61-21	2.98-22
9551	.85	4884.	1.65-16	3.83-17	1.80-17	9.55-18	6.48-19	3.69-19	2.16-20	6.73-22	7.70-23
9552	.67	3897.	8.88-17	2.24-17	1.08-17	5.84-18	4.14-19	2.37-19	1.41-20	4.43-22	5.09-23
9553	.87	5119.	1.74-16	3.96-17	1.86-17	9.82-18	6.61-19	3.76-19	2.19-20	6.82-22	7.81-23
9554	6.97	4930.	1.20-14	2.77-15	1.30-15	6.90-16	4.67-17	2.66-17	1.55-18	4.84-20	5.55-21
617A	.67	3897.	3.05-16	7.68-17	3.72-17	2.01-17	1.42-18	8.15-19	4.85-20	1.52-21	1.75-22
617B	.47	3385.	1.07-16	2.88-17	1.42-17	7.78-18	5.71-19	3.28-19	1.98-20	6.27-22	7.21-23
618A	.40	3294.	1.65-16	4.50-17	2.24-17	1.23-17	9.06-19	5.22-19	3.15-20	1.00-21	1.15-22
618B	.16	2984.	1.96-17	5.65-18	2.85-18	1.58-18	1.20-19	6.95-20	4.25-21	1.35-22	1.56-23
9555	.70	4000.	3.40-17	8.48-18	4.09-18	2.20-18	1.55-19	8.88-20	5.27-21	1.66-22	1.90-23
9556	.67	3867.	7.90-17	2.00-17	9.67-18	5.22-18	3.71-19	2.12-19	1.26-20	3.98-22	4.57-23
9557A	1.11	6582.	4.25-16	9.09-17	4.17-17	2.17-17	1.41-18	8.00-19	4.59-20	1.42-21	1.62-22
9557B	.63	3756.	4.97-17	1.27-17	6.19-18	3.35-18	2.39-19	1.37-19	8.20-21	2.58-22	2.97-23
9558	.49	3421.	3.64-17	9.74-18	4.81-18	2.62-18	1.92-19	1.10-19	6.65-21	2.10-22	2.42-23
619	.67	3853.	2.53-16	6.39-17	3.10-17	1.67-17	1.19-18	6.82-19	4.06-20	1.28-21	1.47-22
620	.69	3979.	8.17-17	2.04-17	9.85-18	5.30-18	3.74-19	2.14-19	1.27-20	3.99-22	4.59-23
9559	1.05	6204.	6.62-16	1.44-16	6.62-17	3.46-17	2.26-18	1.28-18	7.40-20	2.29-21	2.61-22
621	.74	4135.	1.92-16	4.72-17	2.27-17	1.22-17	8.51-19	4.87-19	2.88-20	9.04-22	1.04-22
622	.57	3620.	1.10-16	2.87-17	1.40-17	7.62-18	5.49-19	3.15-19	1.89-20	5.96-22	6.85-23
623	.42	3315.	2.00-16	5.42-17	2.69-17	1.47-17	1.09-18	6.26-19	3.78-20	1.20-21	1.38-22
624	.99	5801.	1.50-15	3.30-16	1.53-16	8.02-17	5.30-18	3.01-18	1.74-19	5.39-21	6.16-22
9561A	12.63	4930.	3.93-14	9.08-15	4.27-15	2.26-15	1.53-16	8.73-17	5.10-18	1.59-19	1.82-20
9561B	.77	4301.	1.12-16	2.71-17	1.30-17	6.93-18	4.81-19	2.75-19	1.62-20	5.08-22	5.83-23
625	.41	3296.	2.46-16	6.70-17	3.33-17	1.82-17	1.35-18	7.76-19	4.69-20	1.49-21	1.71-22
9562	.58	5929.	1.09-16	2.39-17	1.11-17	5.79-18	3.81-19	2.16-19	1.25-20	3.87-22	4.42-23

TABLE 1—Continued

NAME	RA (1950)			DEC (1950)		PARALLAX	SPEC CLASS			ABS MAG	ABS MAG	NOTES	MIRC
	H	M	S	DEG	ARCMIN	ARCSEC							
626	16	25	32	7	25.2	.053	DK8			7.47	7.47		
9563	16	25	43	-78	47.3	.054	11	KO	IV	2.53	2.53	SB	
9564	16	26	40	36	52.1	.062	5	WDF P		12.60	12.60		
627A	16	26	41	18	31.0	.058	6	K2	V	5.83J	6.55		
627B	16	26	41	18	31.0	.058	6			6.62	6.62		
628	16	27	31	-12	32.3	.249	6	DM4		12.10	12.10	SB	
629	16	28	8	-38	54.0	.057	7	DK1		6.03	6.03		
9565	16	30	11	-12	29.0	.048	5	DM0		9.31	9.31		
9566	16	30	23	3	21.2	.041	7	DK1		7.36	7.36	SB	
9567	16	32	5	-4	7.0	.051	8	G5	V	7.84	7.84		
630	16	33	17	33	24.2	.037		DM0		8.87	8.87		
631	16	33	44	-2	13.2	.090	10	K0	V	5.51	5.51		
632	16	34	28	79	53.6	.056	14	DG3		5.75	5.75		
9569	16	34	52	31	12.2	.056	10	DK6		8.23	8.23		
9570A	16	35	49	76	4.8	.051	12	K5		8.46J	8.54		
9570B	16	35	48	76	4.3	.051	12			11.34	11.34		
9571	16	36	16	5	31.9	.046	9			10.31	10.31		
9572	16	37	22	5	36.5	.042	21	K2		6.82	6.82		
634	16	37	56	-43	53.0	.057	7	M3		9.58	9.58		
9573	16	38	31	-2	45.3	.045	5	DG2		5.52	5.52		
635A	16	39	24	31	41.5	.104	3	G0	IV	2.90J	3.00	D SB	IRC +30294
635B	16	39	24	31	41.5	.104	3	K0	V	5.58	5.58		IRC +30294
9575	16	40	41	79	.7	.046	12	GG9		4.61	4.61		
636	16	41	11	39	1.0	.054	6	G8	III	2.16	2.16		IRC +40287
9576	16	42	44	68	11.2	.049	8	K1	V	6.00	6.00		
638	16	43	15	33	35.6	.104	8	K7	V	8.20	8.20		
9577	16	43	35	-30	31.5	.042	13	K5		7.82	7.82		
9578	16	44	21	56	52.1	.042	7	F2	V	2.96	2.96	SB	
639	16	46	50	37	6.3	.051	7	K7	V	6.95	6.95		
9579	16	46	55	-34	12.2	.054	12	K2	III	.94	.94		
640	16	47	54	18	59.1	.040		DK5		6.91	6.91		
641	16	50	27	0	4.5	.067	7	G6	V	5.75	5.75		
642	16	51	54	11	59.4	.058	12	DM2		10.02	10.02		
643	16	52	45	-8	13.8	.169	5	SDM4		12.84	12.84	SB	
644A	16	52	48	-8	14.7	.156	4	DM3E		9.98J	10.70	UV	
644B	16	52	48	-8	14.7	.156	4	M4E		10.77	10.77		
644C	16	52	55	-8	18.0	.156	4			17.63	17.63		
645	16	53	24	-36	58.6	.058	6	M1		12.32P	10.95		
9581	16	54	28	-55	54.8	.042	11	K5	III	1.24	1.24		
646A	16	55	26	-39	29.2	.074	11	K5	V	7.68J	7.89		
646B	16	55	26	-39	29.2	.074	11			9.55	9.55		
647	16	55	28	13	22.0	.031		DM0		8.06	8.06		
648	16	55	45	65	12.7	.059	6	F6	V	3.75	3.75	SB	
649	16	56	7	25	49.5	.085	15	DM2		9.37	9.37		
650	16	58	22	-13	29.4	.059	10	G3		5.75	5.75		
651	17	1	12	47	8.3	.062	5	G8	V	5.73	5.73		
652	17	1	19	-28	30.5	.072	10	G8	IV	5.86	5.86		
653	17	2	27	-4	59.0	.086	5	K5	V	7.41	7.41		
9582A	17	2	37	59	39.0	.041	6	K4	V	6.71	6.71		
9582B	17	2	38	59	39.1	.041	6	K4		8.37	8.37		
654	17	2	37	-5	.7	.101	8	M4	V	10.09	10.09		
9583	17	2	44	0	46.5	.049	9	DF8		4.46	4.46		
9584A	17	4	17	54	32.0	.044	7	DF6		3.14J	3.78	AB	
9584B	17	4	17	54	32.0	.044	7	DF6		4.02	4.02		
9584C	17	4	17	54	32.0	.044	7			11.22	11.22		
9585	17	4	36	-41	39.3	.054	12	K5	V	6.95	6.95		
9586	17	4	50	88	41.8	.048	11	K0		6.61	6.61		
655	17	5	1	21	37.1	.102	12	M3		11.64	11.64		
656	17	5	40	-60	40.4	.065	7	K0	V	6.47	6.47		
9587A	17	7	30	-15	39.9	.051	7	A2	V	.96J	1.46	IRC	-20348
9587D	17	7	30	-15	39.9	.051	7			10.88	10.88	IRC	-20348
657	17	8	34	-43	10.5	.061	8	F2	III	2.26	2.26		
659A	17	9	8	54	33.4	.050		DK8		7.34	7.34		
659B	17	9	10	54	33.0	.050		DK8		7.84	7.84		
661A	17	10	40	45	44.8	.153	5	DM4		10.32J	10.94		

TABLE 1—Continued

NAME	RADIUS SUN=1	TEMP K	F2.2	F3.4	F4.2	F5.0	F10.2	F11.8	F24.4	F58.6	F101.
WATTS/CM2/MICRON											
626	.73	4109.	1.41-16	3.46-17	1.67-17	8.94-18	6.27-19	3.59-19	2.12-20	6.66-22	7.64-23
9563	6.83	4790.	1.72-14	4.01-15	1.90-15	1.01-15	6.84-17	3.90-17	2.28-18	7.12-20	8.16-21
9564	.01	8500.	2.16-19	4.41-20	1.99-20	1.03-20	6.48-22	3.66-22	2.08-23	6.38-25	7.27-26
627A	.80	4543.	2.47-16	5.86-17	2.78-17	1.48-17	1.02-18	5.81-19	3.42-20	1.07-21	1.22-22
627B	.79	4498.	2.39-16	5.68-17	2.70-17	1.44-17	9.92-19	5.66-19	3.33-20	1.04-21	1.19-22
628	.33	3192.	3.71-16	1.03-16	5.14-17	2.83-17	2.11-18	1.22-18	7.37-20	2.34-21	2.70-22
629	.84	4878.	3.03-16	7.02-17	3.31-17	1.75-17	1.19-18	6.78-19	3.96-20	1.23-21	1.41-22
9565	.59	3669.	6.01-17	1.55-17	7.59-18	4.12-18	2.96-19	1.70-19	1.02-20	3.20-22	3.68-23
9566	.74	4141.	8.73-17	2.14-17	1.03-17	5.53-18	3.87-19	2.21-19	1.31-20	4.11-22	4.71-23
9567	.70	4019.	1.16-16	2.88-17	1.39-17	7.47-18	5.26-19	3.01-19	1.79-20	5.61-22	6.44-23
630	.65	3789.	4.56-17	1.16-17	5.65-18	3.05-18	2.18-19	1.25-19	7.45-21	2.34-22	2.69-23
631	.89	5241.	9.53-16	2.16-16	1.01-16	5.33-17	3.58-18	2.03-18	1.18-19	3.68-21	4.21-22
632	.87	5070.	3.30-16	7.56-17	3.55-17	1.88-17	1.26-18	7.20-19	4.20-20	1.31-21	1.50-22
9569	.68	3927.	1.25-16	3.13-17	1.51-17	8.16-18	5.77-19	3.31-19	1.97-20	6.18-22	7.09-23
9570A	.67	3861.	9.64-17	2.44-17	1.18-17	6.38-18	4.53-19	2.60-19	1.55-20	4.86-22	5.58-23
9570B	.39	3268.	2.26-17	6.19-18	3.08-18	1.69-18	1.25-19	7.21-20	4.36-21	1.38-22	1.59-23
9571	.48	3410.	3.11-17	8.33-18	4.11-18	2.25-18	1.64-19	9.46-20	5.70-21	1.80-22	2.07-23
9572	.78	4382.	1.14-16	2.75-17	1.31-17	6.99-18	4.84-19	2.76-19	1.63-20	5.10-22	5.84-23
634	.56	3581.	7.20-17	1.88-17	9.22-18	5.01-18	3.63-19	2.08-19	1.25-20	3.94-22	4.53-23
9573	.89	5234.	2.37-16	5.37-17	2.52-17	1.33-17	8.90-19	5.06-19	2.95-20	9.16-22	1.05-22
635A	1.92	6067.	7.60-15	1.66-15	7.66-16	4.00-16	2.63-17	1.49-17	8.60-19	2.66-20	3.04-21
635B	.88	5190.	1.23-15	2.79-16	1.31-16	6.91-17	4.64-18	2.64-18	1.54-19	4.78-21	5.47-22
9575	2.51	4875.	1.74-15	4.02-16	1.90-16	1.01-16	6.82-18	3.89-18	2.27-19	7.08-21	8.11-22
636	7.04	4930.	1.92-14	4.44-15	2.09-15	1.11-15	7.50-17	4.28-17	2.50-18	7.78-20	8.91-21
9576	.85	4898.	2.27-16	5.25-17	2.47-17	1.31-17	8.89-19	5.06-19	2.96-20	9.22-22	1.06-22
638	.68	3934.	7.33-16	1.09-16	5.25-17	2.83-17	2.00-18	1.15-18	6.82-20	2.14-21	2.46-22
9577	.70	4024.	1.96-17	1.96-17	9.47-18	5.09-18	3.58-19	2.05-19	1.22-20	3.82-22	4.39-23
9578	1.19	6982.	5.95-16	1.26-16	5.75-17	2.98-17	1.92-18	1.09-18	6.24-20	1.92-21	2.20-22
639	.77	4312.	1.59-16	3.84-17	1.84-17	9.82-18	6.82-19	3.90-19	2.30-20	7.19-22	8.25-23
9579	15.96	4450.	8.18-14	1.95-14	9.31-15	4.96-15	3.43-16	1.96-16	1.15-17	3.60-19	4.13-20
640	.77	4333.	9.95-17	2.40-17	1.15-17	6.13-18	4.25-19	2.43-19	1.43-20	4.48-22	5.14-23
641	.87	5070.	4.73-16	1.08-16	5.08-17	2.69-17	1.81-18	1.03-18	6.01-20	1.87-21	2.14-22
642	.51	3463.	5.77-17	1.53-17	7.55-18	4.12-18	3.00-19	1.73-19	1.04-20	3.28-22	3.78-23
643	.20	3373.	7.24-17	1.95-17	9.65-18	5.28-18	3.87-19	2.23-19	1.34-20	4.26-22	4.90-23
644A	.44	3351.	2.93-16	7.91-17	3.92-17	2.14-17	1.58-18	9.08-19	5.48-20	1.73-21	2.00-22
644B	.44	3341.	2.82-16	7.63-17	3.78-17	2.07-17	1.52-18	8.77-19	5.29-20	1.68-21	1.93-22
644C	.13	2547.	1.36-17	4.34-18	2.27-18	1.29-18	1.03-19	5.99-20	3.73-21	1.20-22	1.39-23
645	.42	3318.	3.56-17	9.67-18	4.80-18	2.63-18	1.94-19	1.12-19	6.74-21	2.14-22	2.46-23
9581	18.45	3980.	5.31-14	1.32-14	6.40-15	3.44-15	2.43-16	1.39-16	8.26-18	2.60-19	2.98-20
646A	.70	4007.	2.40-16	5.97-17	2.88-17	1.55-17	1.09-18	6.25-19	3.71-20	1.16-21	1.34-22
646B	.56	3590.	1.24-16	3.23-17	1.58-17	8.59-18	6.21-19	3.56-19	2.14-20	6.74-22	7.75-23
647	.69	3967.	3.99-17	9.98-18	4.82-18	2.60-18	1.83-19	1.05-19	6.24-21	1.96-22	2.25-23
648	1.08	6415.	8.48-16	1.82-16	8.39-17	4.38-17	2.85-18	1.62-18	9.30-20	2.87-21	3.28-22
649	.58	3649.	1.82-16	4.71-17	2.30-17	1.25-17	9.00-19	5.17-19	3.09-20	9.75-22	1.12-22
650	.87	5070.	3.66-16	8.39-17	3.94-17	2.08-17	1.40-18	7.99-19	4.66-20	1.45-21	1.66-22
651	.87	5084.	4.08-16	9.34-17	4.38-17	2.32-17	1.56-18	8.89-19	5.18-20	1.61-21	1.85-22
652	1.28	4930.	1.13-15	2.62-16	1.23-16	6.52-17	4.42-18	2.52-18	1.47-19	4.58-21	5.24-22
653	.73	4126.	3.78-16	9.29-17	4.47-17	2.40-17	1.68-18	9.60-19	5.68-20	1.78-21	2.05-22
9582A	.79	4445.	1.14-16	2.74-17	1.30-17	6.95-18	4.80-19	2.74-19	1.61-20	5.04-22	5.78-23
9582B	.67	3897.	6.48-17	1.63-17	7.90-18	4.26-18	3.02-19	1.73-19	1.03-20	3.24-22	3.72-23
654	.50	3450.	1.68-16	4.49-17	2.21-17	1.21-17	8.81-19	5.06-19	3.05-20	9.64-22	1.11-22
9583	1.03	5984.	4.72-16	1.03-16	4.77-17	2.50-17	1.64-18	9.32-19	5.38-20	1.67-21	1.90-22
9584A	1.08	6395.	4.67-16	1.01-16	4.63-17	2.41-17	1.57-18	8.92-19	5.13-20	1.58-21	1.81-22
9584B	1.06	6239.	4.31-16	9.34-17	4.30-17	2.25-17	1.47-18	8.34-19	4.80-20	1.48-21	1.70-22
9584C	.40	3284.	1.79-17	4.89-18	2.43-18	1.33-18	9.85-20	5.67-20	3.43-21	1.09-22	1.25-23
9585	.77	4312.	1.78-16	4.31-17	2.06-17	1.10-17	7.64-19	4.37-19	2.58-20	8.07-22	9.25-23
9586	.80	4504.	1.64-16	3.91-17	1.86-17	9.90-18	6.82-19	3.89-19	2.29-20	7.15-22	8.20-23
655	.37	3233.	7.79-17	2.15-17	1.07-17	5.87-18	4.36-19	2.51-19	1.52-20	4.83-22	5.56-23
656	.81	4590.	3.21-16	7.60-17	3.60-17	1.92-17	1.32-18	7.51-19	4.41-20	1.38-21	1.58-22
9587A	2.01	9164.	3.74-15	7.52-16	3.39-16	1.74-16	1.09-17	6.16-18	3.49-19	1.07-20	1.22-21
9587D	.43	3327.	2.85-17	7.73-18	3.84-18	2.10-18	1.55-19	8.91-20	5.38-21	1.71-22	1.96-23
657	1.65	6918.	2.38-15	5.03-16	2.30-16	1.20-16	7.73-18	4.38-18	2.51-19	7.73-21	8.82-22
659A	.74	4147.	1.31-16	3.21-17	1.54-17	8.27-18	5.79-19	3.31-19	1.96-20	6.14-22	7.05-23
659B	.70	4019.	1.11-16	2.77-17	1.33-17	7.18-18	5.05-19	2.89-19	1.72-20	5.39-22	6.19-23
661A	.42	3318.	2.49-16	6.75-17	3.35-17	1.84-17	1.35-18	7.79-19	4.71-20	1.49-21	1.72-22

TABLE 1—Continued

NAME	RA (1950)			DEC (1950)		PARALLAX		SPEC CLASS		ABS MAG	ABS MAG	NOTES	MIRC
	H	M	S	DEG	ARC MIN	ARC SEC							
661B	17	10	40	45	44.8	.153	5	M3		11.22	11.22		
662A	17	12	11	-38	32.0	.043	11	G3	IV	4.13	4.13		
663A	17	12	16	-26	31.7	.189	9	K0	V	5.70J	6.43	IRC	-30288
663B	17	12	16	-26	31.9	.189	9	K1	V	6.48	6.48	IRC	-30288
664	17	13	9	-26	28.5	.178	8	K5	V	7.59	7.59		
666A	17	15	15	-46	35.0	.131	7	G8	V	6.07J	6.13		
666B	17	15	15	-46	35.0	.131	7	M0	V	9.28	9.28		
667A	17	15	33	-34	56.1	.140	5	K3	V	6.64J	7.03		
667E	17	15	33	-34	56.1	.140	5	K5	V	7.93	7.93		
667C	17	15	35	-34	56.5	.140	5	M2		10.93	10.93		
9589	17	15	40	-75	17.7	.046	7	G2	V	5.30	5.30		
668A	17	16	25	-11	4.1	.058	5	DM0		9.12	9.12		
668B	17	16	25	-11	4.1	.058	S			11.82	11.82		
669A	17	17	54	26	32.8	.095	8	DM4E		11.25	11.25		
669B	17	17	54	26	32.8	.095	8	DM5E		12.81V	12.81	UV	
670A	17	18	0	-21	3.6	.060	7	F2	V	3.28	3.28		
670B	17	18	0	-21	3.6	.060	7	K3		7.89	7.89		
671	17	18	16	41	46.5	.082	10	M4		11.07	11.07		
672	17	18	47	32	31.7	.073	5	G1	V	4.71	4.71		
9590	17	20	27	-32	13.0	.049	9	M		11.25	11.25		
673	17	23	16	2	10.2	.132	4	K7	V	8.13	8.13		
9591	17	23	19	-24	7.8	.045	7	A9	V	2.44	2.44		
674	17	24	53	-46	50.5	.216	8	M4		11.03	11.03		
675	17	25	9	67	20.9	.075	5	K0	V	5.81	5.81	SB	
676	17	26	15	-51	35.8	.085	11	M0		10.15	10.15	D	
677A	17	27	24	29	26.0	.055	7	DM0	MS	7.71J	8.34		
677B	17	27	24	29	26.0	.055	7			8.60	8.60		
678A	17	27	49	-1	1.4	.052	4	G8	IV MS	3.88J	4.59	AB SB	
678B	17	27	49	-1	1.4	.052	4			4.68	4.68		
9592	17	27	55	5	35.4	.104	11	M1	V	9.41	9.41		
679	17	30	13	34	18.2	.051	6	G5	V	5.07	5.07		
680	17	31	24	-48	39.3	.083	12	M0		10.10	10.10		
681	17	32	37	12	35.6	.058	4	A5	III	.89	.89	AB	IRC +10331
682	17	33	28	-44	16.5	.213	5	M5		12.84	12.84		
9593A	17	33	36	-49	22.5	.040	11	G2	V	6.99J	7.28		
9593B	17	33	36	-49	22.5	.040	11	G5		9.11P	8.56		
683	17	33	59	-54	28.2	.056	10	A7	V	3.98	3.98		
9594	17	34	18	-42	32.0	.045	7	G4	V	5.42	5.42	SB	
684A	17	34	28	61	54.8	.066	4	G1	V	4.33J	4.41		
684B	17	34	28	51	54.8	.066	4	M0		7.16	7.16		
685	17	35	2	61	43.0	.070	7	M1		9.18	9.18		
9595A	17	35	12	27	55.4	.060	S	DMOP	MS	8.09J	8.71		
9595B	17	35	12	27	55.4	.060	S			8.99	8.99		
9595C	17	35	21	27	54.0	.060	S	M		10.74	10.74		
686	17	35	39	18	36.4	.126	6	DM1		10.12	10.12	AB	
9596A	17	35	44	22	59.0	.057	11	DM0	MS	8.82	8.82		
9596B	17	35	44	22	59.0	.057	11			9.01	9.01		
9597	17	36	32	-49	23.2	.043	9	DF4		2.93	2.93		
687	17	36	42	68	23.0	.214	4	M4	V	10.80	10.80	AB SB	
688	17	36	48	3	35.0	.081	6	DK3		6.06	6.06		
689	17	37	2	71	54.4	.047	10	DK8		6.98	6.98		
690A	17	39	19	71	21.2	.060	8	DM0		8.09	8.09		
9599	17	39	45	65	1.5	.041	12	K0		6.46	6.46		
691	17	40	10	-51	48.5	.076	11	G5	V	4.54	4.54		
9600	17	40	22	-18	29.7	.041	8	M2		11.56P	10.15		
692	17	40	26	-21	39.5	.060	11	F5	V	3.76	3.76		
9601	17	41	9	21	38.4	.047	6	K0	V	5.86	5.86		
693	17	42	24	-57	16.9	.170	5	M		14.05P	12.46		
694	17	42	25	43	24.4	.103	8	DM3		10.56	10.56		
9602A	17	42	49	72	10.3	.047	5	F5	V	2.95	2.95		
9602B	17	42	51	72	10.8	.047	5	F8	V	4.18	4.18		
9603	17	44	11	46	52.4	.042	12	DM0		8.32	8.32		
695A	17	44	30	27	44.9	.128	7	G5	IV	3.96	3.96	IRC	+30312
695B	17	44	28	27	44.6	.128	7	DM4		10.32	10.32	IRC	+30312
695C	17	44	28	27	44.6	.128	7	M4		11.24	11.24	IRC	+30312

TABLE 1—Continued

NAME	RADIUS SUN=1	TEMP K	F2.2	F3.4	F4.2	F5.0	F10.2	F11.8	F24.4	F58.6	F101.
WATTS/CM2/MICRON											
661B	.40	3284.	2.16-16	5.91-17	2.94-17	1.61-17	1.19-18	6.86-19	4.15-20	1.32-21	1.51-22
662A	1.32	5794.	5.64-16	1.24-16	5.77-17	3.02-17	2.00-18	1.13-18	6.56-20	2.03-21	2.32-22
663A	.81	4618.	2.77-15	6.54-16	3.10-16	1.65-16	1.13-17	6.45-18	3.79-19	1.18-20	1.35-21
663B	.81	4584.	2.70-15	6.40-16	3.04-16	1.62-16	1.11-17	6.32-18	3.71-19	1.16-20	1.33-21
664	.72	4077.	1.53-15	3.77-16	1.81-16	9.75-17	6.84-18	3.92-18	2.32-19	7.28-21	8.36-22
666A	.84	4812.	1.53-15	3.56-16	1.68-16	8.91-17	6.06-18	3.45-18	2.02-19	6.30-21	7.22-22
666B	.60	3678.	4.56-16	1.18-16	5.75-17	3.12-17	2.24-18	1.29-18	7.69-20	2.42-21	2.78-22
667A	.76	4270.	1.16-15	2.81-16	1.34-16	7.18-17	5.00-18	2.86-18	1.69-19	5.28-21	6.06-22
667B	.70	3998.	8.48-16	2.11-16	1.02-16	5.49-17	3.87-18	2.22-18	1.31-19	4.13-21	4.74-22
667C	.42	3320.	2.10-16	5.69-17	2.82-17	1.55-17	1.14-18	6.56-19	3.96-20	1.26-21	1.45-22
9589	.92	5395.	2.77-16	6.24-17	2.91-17	1.53-17	1.02-18	5.82-19	3.38-20	1.05-21	1.20-22
668A	.62	3727.	9.82-17	2.52-17	1.23-17	6.65-18	4.77-19	2.73-19	1.63-20	5.14-22	5.91-23
668B	.35	3214.	2.31-17	6.37-18	3.18-18	1.75-18	1.30-19	7.49-20	4.54-21	1.44-22	1.66-23
669A	.40	3280.	8.22-17	2.25-17	1.12-17	6.12-18	4.53-19	2.61-19	1.58-20	5.00-22	5.76-23
669B	.27	3140.	3.47-17	9.72-18	4.87-18	2.68-18	2.01-19	1.16-19	7.04-21	2.24-22	2.58-23
670A	1.13	6714.	1.03-15	2.19-16	1.01-16	5.23-17	3.39-18	1.92-18	1.10-19	3.40-21	3.88-22
670B	.70	4007.	1.58-16	3.93-17	1.89-17	1.02-17	7.18-19	4.11-19	2.44-20	7.66-22	8.80-23
671	.41	3303.	6.70-17	1.82-17	9.06-18	4.96-18	3.67-19	2.11-19	1.28-20	4.04-22	4.66-23
672	.99	5820.	9.35-16	2.06-16	9.55-17	5.01-17	3.30-18	1.88-18	1.08-19	3.36-21	3.84-22
9590	.40	3280.	2.19-17	5.97-18	2.97-18	1.63-18	1.20-19	6.94-20	4.20-21	1.33-22	1.53-23
673	.68	3950.	7.10-16	1.78-16	8.59-17	4.63-17	3.27-18	1.87-18	1.11-19	3.50-21	4.02-22
9591	1.39	7707.	1.08-15	2.23-16	1.01-16	5.25-17	3.35-18	1.89-18	1.08-19	3.32-21	3.79-22
674	.41	3308.	4.74-16	1.29-16	6.41-17	3.51-17	2.59-18	1.49-18	9.01-20	2.86-21	3.29-22
675	.86	5028.	5.77-16	1.33-16	6.23-17	3.29-17	2.22-18	1.27-18	7.39-20	2.30-21	2.63-22
676	.50	3439.	1.16-16	3.08-17	1.52-17	8.29-18	6.06-19	3.48-19	2.10-20	6.63-22	7.63-23
677A	.68	3903.	1.17-16	2.95-17	1.43-17	7.70-18	5.46-19	3.13-19	1.86-20	5.85-22	6.72-23
677B	.67	3848.	1.10-16	2.79-17	1.36-17	7.32-18	5.20-19	2.98-19	1.78-20	5.59-22	6.42-23
678A	2.30	4930.	1.91-15	4.41-16	2.08-16	1.10-16	7.44-18	4.24-18	2.48-19	7.71-21	8.83-22
678B	1.00	5839.	4.81-16	1.06-16	4.91-17	2.57-17	1.70-18	9.64-19	5.57-20	1.72-21	1.97-22
9592	.58	3636.	2.66-16	6.90-17	3.37-17	1.83-17	1.32-18	7.57-19	4.53-20	1.43-21	1.64-22
679	.95	5569.	3.84-16	8.55-17	3.98-17	2.09-17	1.39-18	7.90-19	4.58-20	1.42-21	1.62-22
680	.50	3448.	1.13-16	3.01-17	1.49-17	8.11-18	5.92-19	3.40-19	2.05-20	6.48-22	7.45-23
681	2.90	8492.	8.97-15	1.83-15	8.26-16	4.26-16	2.69-17	1.52-17	8.63-19	2.65-20	3.02-21
682	.27	3138.	1.71-16	4.80-17	2.40-17	1.32-17	9.92-19	5.72-19	3.48-20	1.11-21	1.27-22
9593A	.74	4166.	8.55-17	2.09-17	1.01-17	5.39-18	3.77-19	2.15-19	1.27-20	4.00-22	4.58-23
9593B	.67	3857.	5.90-17	1.49-17	7.23-18	3.90-18	2.77-19	1.59-19	9.47-21	2.98-22	3.42-23
683	1.06	6264.	7.07-16	1.53-16	7.05-17	3.68-17	2.40-18	1.36-18	7.85-20	2.43-21	2.77-22
9594	.90	5306.	2.50-16	5.64-17	2.64-17	1.39-17	9.29-19	5.29-19	3.07-20	9.55-22	1.09-22
684A	1.03	6017.	8.69-16	1.90-16	8.78-17	4.59-17	3.02-18	1.71-18	9.88-20	3.06-21	3.49-22
684B	.75	4212.	2.44-16	5.94-17	2.85-17	1.53-17	1.06-18	6.09-19	3.60-20	1.13-21	1.29-22
685	.61	3709.	1.38-16	3.55-17	1.73-17	9.39-18	6.73-19	3.86-19	2.31-20	7.27-22	8.36-23
9595A	.66	3825.	1.27-16	3.23-17	1.57-17	8.47-18	6.03-19	3.46-19	2.06-20	6.48-22	7.44-23
9595B	.63	3761.	1.13-16	2.89-17	1.41-17	7.61-18	5.44-19	3.12-19	1.86-20	5.87-22	6.74-23
9595C	.44	3345.	4.24-17	1.15-17	5.68-18	3.11-18	2.29-19	1.32-19	7.94-21	2.52-22	2.90-23
686	.50	3444.	2.58-16	6.88-17	3.39-17	1.85-17	1.35-18	7.77-19	4.67-20	1.48-21	1.70-22
9596A	.65	3800.	1.10-16	2.81-17	1.37-17	7.38-18	5.26-19	3.02-19	1.80-20	5.66-22	6.50-23
9596B	.63	3756.	1.01-16	2.58-17	1.26-17	6.80-18	4.86-19	2.79-19	1.66-20	5.24-22	6.02-23
9597	1.20	7031.	6.43-16	1.36-16	6.20-17	3.22-17	2.07-18	1.17-18	6.73-20	2.07-21	2.37-22
687	.43	3337.	5.23-16	1.42-16	7.02-17	3.84-17	2.83-18	1.63-18	9.83-20	3.11-21	3.58-22
688	.84	4857.	6.03-16	1.40-16	6.60-17	3.50-17	2.38-18	1.35-18	7.92-20	2.47-21	2.83-22
689	.77	4296.	1.33-16	3.23-17	1.54-17	8.25-18	5.73-19	3.27-19	1.93-20	6.05-22	6.94-23
690A	.69	3959.	1.48-16	3.71-17	1.79-17	9.65-18	6.82-19	3.91-19	2.32-20	7.29-22	8.37-23
9599	.81	4596.	1.28-16	3.03-17	1.44-17	7.66-18	5.25-19	3.00-19	1.76-20	5.50-22	6.30-23
691	1.02	5930.	1.10-15	2.40-16	1.11-16	5.82-17	3.83-18	2.18-18	1.26-19	3.89-21	4.45-22
9600	.50	3439.	2.69-17	7.17-18	3.54-18	1.93-18	1.41-19	8.11-20	4.88-21	1.54-22	1.78-23
692	1.08	6408.	8.74-16	1.88-16	8.65-17	4.51-17	2.94-18	1.67-18	9.59-20	2.96-21	3.38-22
9601	.86	4993.	2.22-16	5.11-17	2.40-17	1.27-17	8.58-19	4.89-19	2.85-20	8.88-22	1.02-22
693	.30	3165.	1.40-16	3.89-17	1.95-17	1.07-17	8.00-19	4.61-19	2.80-20	8.90-22	1.03-22
694	.46	3371.	1.37-16	3.69-17	1.82-17	9.98-18	7.33-19	4.22-19	2.54-20	8.05-22	9.27-23
9602A	1.20	6998.	7.53-16	1.59-16	7.27-17	3.77-17	2.43-18	1.38-18	7.89-20	2.43-21	2.77-22
9602B	1.05	6146.	4.70-16	1.02-16	4.71-17	2.46-17	1.61-18	9.15-19	5.28-20	1.63-21	1.86-22
9603	.68	3908.	6.87-17	1.73-17	8.37-18	4.51-18	3.20-19	1.83-19	1.09-20	3.42-22	3.93-23
695A	1.54	5623.	6.53-15	1.45-15	6.75-16	3.54-16	2.35-17	1.34-17	7.74-19	4.40-20	2.74-21
695B	.48	3409.	2.39-16	6.41-17	3.17-17	1.73-17	1.27-18	7.29-19	4.39-20	1.39-21	1.60-22
695C	.40	3281.	1.50-16	4.10-17	2.04-17	1.12-17	8.26-19	4.76-19	2.88-20	9.12-22	1.05-22

TABLE 1—Continued

NAME	RA (1950)			DEC (1950)		PARALLAX		SPEC CLASS		ABS MAG	ABS MAG	NOTES	MIRC
	H	M	S	DEG	ARCMIN	ARCSEC							
9604	17	44	39	-33	59.6	.051	5	G8	V	5.70	5.70		
9605	17	45	16	4	57.5	.044	9	K1	V	7.14	7.14		
696	17	47	53	-6	2.0	.077	12	DM2		9.53	9.53		
697	17	51	22	21	20.0	.053		DK5		7.10	7.10		
9606	17	52	56	3	45.6	.052	11	DM0		8.61	8.61		
698	17	53	34	18	30.4	.033		DK8		6.81	6.81	D	
9607	17	54	59	-51	37.0	.047	13	K0		8.66	8.66		
699	17	55	23	4	33.3	.548	3	M5	V	13.23	13.23	AB	
9608	17	55	40	-30	9.6	.044	12	K0	V	7.55	7.55		
9609	17	55	58	4	27.5	.040	6	DK5		7.51	7.51		
9610	17	56	47	82	43.9	.061	4	WDASS		13.11	13.11		
9611	17	57	50	-3	41.3	.045	12	F3	V	2.89	2.89		
9612A	18	0	21	-8	10.8	.059	9	DF3		3.63J	4.08	SB	
9612B	18	0	21	-8	10.8	.059	9			4.85	4.85		
9612C	18	0	21	-8	10.8	.059	9			8.35	8.35		
9613	18	0	29	26	19.2	.049	11	K0	V	5.44	5.44		
701	18	2	28	-3	1.9	.138	6	DM2		10.08	10.08		
702A	18	2	56	2	30.5	.195	5	K0	V	5.48	5.48	D	IRC 00335
702B	18	2	56	2	30.5	.195	5	K5	V	7.45	7.45	SB	IRC 00335
9614	18	3	9	4	39.4	.045	5	G1	V	5.06	5.06		
9615A	18	4	59	9	33.3	.040	5	A4	V	1.74	1.74		
9615B	18	4	59	9	33.3	.040	5			12.01	12.01		
703	18	5	4	15	56.4	.072	10	G6		7.95	7.95		
704A	18	5	8	30	33.1	.061	4	F7	V	3.97J	4.02		
704B	18	5	8	30	33.1	.061	4			7.38	7.38		
705	18	5	10	15	56.9	.055	11	K2		6.87	6.87		
9616	18	5	47	-62	.8	.052	9	G3	V	4.05	4.05	SB	
9617	18	6	48	52	47.4	.052	12	K5		11.08	11.08		
9618A	18	7	24	3	6.6	.041	10	DF4		3.73	3.73	SB	
9618B	18	7	24	3	6.6	.041	10			10.06	10.06		
706	18	7	58	38	27.2	.093	5	K2	V	6.24	6.24		
707	18	8	44	-43	27.0	.073	5	K7	V	7.71	7.71		
708	18	13	7	18	28.9	.062	12	DM1		8.66	8.66		
9619	18	13	36	64	22.7	.047	6	F5	V	3.40	3.40		
9620	18	13	45	13	54.0	.063	12	DM0		9.20	9.20		
9621	18	13	48	1	30.5	.058	8	M5		11.33	11.33		
9622	18	14	6	45	11.6	.046	7	DGO		4.61	4.61		
709	18	15	5	45	32.0	.037		DM0		8.10	8.10		
9624	18	16	0	-45	43.0	.044	11	F8		5.07	5.07		
9625	18	16	1	-6	43.0	.043	5	DK8		7.43	7.43		
710	18	17	15	-1	57.6	.068	7	DM1		8.56	8.56		
9626	18	17	48	-29	51.0	.045	11	K2	III	.97	.97	IRC	-30376
711	18	18	43	-2	54.8	.056	7	K0	III	1.99	1.99	IRC	00347
712	18	19	44	6	17.5	.064	14	M4		12.83P	11.38		
713	18	21	58	72	42.6	.129	5	F7	V	4.13	4.13	SB AB	IRC +70144
9627	18	24	53	-25	27.0	.050	12	K2	III	1.31	1.31		
715	18	27	16	-1	51.0	.054	5	DK5		6.71	6.71		
716	18	28	23	-18	56.5	.078	12	K3	V	6.25	6.25		
717	18	30	42	-11	40.3	.054	6	DM0		8.67	8.67		
9628	18	30	44	-6	55.9	.040	8	K6		10.01P	8.90		
718	18	31	12	22	16.9	.072	8	DK4		8.20	8.20		
719	18	32	45	51	41.0	.064	8	MOE	V	7.33V	7.33	UV SB	
9629	18	32	50	-44	20.7	.041	12	GO		8.96P	8.48		
720A	18	33	50	45	41.8	.082	7	DM2		9.39	9.39		
720B	18	33	59	45	42.9	.082	7			13.57	13.57		
9630	18	34	7	-25	42.5	.044	11	G5	V	5.64	5.64		
721	18	35	15	38	44.1	.124	5	A0	V	.50	.50	IRC	+40322
722	18	35	54	-21	5.6	.073		DG4		5.18	5.18		
9631	18	36	19	28	53.1	.042	6	G5	V	6.56	6.56		
9632	18	36	28	42	37.1	.044	6	DK0		6.56	6.56		
723	18	37	32	-10	30.2	.066	6	M0		10.50	10.50		
724	18	38	8	-13	25.0	.055	8	M		10.00P	8.60		
9633	18	39	48	-50	12.7	.053	11	G5	V	7.94	7.94		
725A	18	42	13	59	33.3	.284	3	DM4		11.17	11.17		
725B	18	42	14	59	33.0	.284	3	DM5		11.96	11.96		

TABLE 1—Continued

NAME	RADIUS SUN=1	TEMP K	F2.2	F3.4	F4.2	F5.0	F10.2	F11.8	F24.4	F58.6	F101.
WATTS/CM2/MICRON											
9604	.87	5105.	2.80-16	6.39-17	3.00-17	1.59-17	1.07-18	6.08-19	3.54-20	1.10-21	1.26-22
9605	.75	4220.	1.09-16	2.66-17	1.28-17	6.83-18	4.76-19	2.72-19	1.61-20	5.04-22	5.78-23
696	.57	3597.	1.35-16	3.53-17	1.73-17	9.40-18	6.79-19	3.90-19	2.34-20	7.38-22	8.48-23
697	.76	4238.	1.61-16	3.92-17	1.88-17	1.00-17	7.00-19	4.00-19	2.36-20	7.40-22	8.49-23
9606	.66	3846.	9.84-17	2.49-17	1.21-17	6.52-18	4.64-19	2.66-19	1.58-20	4.98-22	5.72-23
698	.78	4388.	7.08-17	1.70-17	8.12-18	4.33-18	3.00-19	1.71-19	1.01-20	3.16-22	3.62-23
9607	.66	3836.	7.92-17	2.01-17	9.75-18	5.27-18	3.75-19	2.15-19	1.28-20	4.03-22	4.62-23
699	.24	3110.	9.04-16	2.54-16	1.28-16	7.04-17	5.29-18	3.05-18	1.86-19	5.90-21	6.80-22
9608	.72	4088.	9.44-17	2.33-17	1.12-17	6.02-18	4.23-19	2.42-19	1.43-20	4.50-22	5.16-23
9609	.73	4098.	7.90-17	1.95-17	9.38-18	5.03-18	3.53-19	2.02-19	1.20-20	3.75-22	4.31-23
9610	.01	7500.	1.80-19	3.74-20	1.70-20	8.82-21	5.64-22	3.19-22	1.82-23	5.60-25	6.39-26
9611	1.22	7096.	7.35-16	1.55-16	7.07-17	3.67-17	2.36-18	1.34-18	7.65-20	2.36-21	2.69-22
9612A	1.05	6204.	7.62-16	1.65-16	7.62-17	3.98-17	2.60-18	1.48-18	8.51-20	2.63-21	3.01-22
9612B	.97	5731.	5.73-16	1.27-16	5.88-17	3.08-17	2.04-18	1.16-18	6.71-20	2.08-21	2.38-22
9612C	.68	3901.	1.35-16	3.39-17	1.64-17	8.85-18	6.27-19	3.59-19	2.14-20	6.72-22	7.72-23
9613	.90	5292.	2.93-16	6.62-17	3.10-17	1.63-17	1.09-18	6.21-19	3.61-20	1.12-21	1.28-22
701	.50	3452.	3.16-16	8.42-17	4.15-17	2.26-17	1.65-18	9.50-19	5.71-20	1.81-21	2.08-22
702A	.89	5263.	4.54-15	1.03-15	4.81-16	2.54-16	1.70-17	9.67-18	5.63-19	1.75-20	2.00-21
702B	.73	4114.	1.92-15	4.72-16	2.27-16	1.22-16	8.53-18	4.88-18	2.89-19	9.06-21	1.04-21
9614	.95	5577.	3.00-16	6.69-17	3.11-17	1.64-17	1.09-18	6.17-19	3.58-20	1.11-21	1.27-22
9615A	1.87	8823.	1.87-15	3.79-16	1.71-16	8.80-17	5.54-18	3.13-18	1.77-19	5.44-21	6.20-22
9615B	.34	3198.	1.00-17	2.78-18	1.39-18	7.62-19	5.68-20	3.27-20	1.98-21	6.30-23	7.26-24
703	.70	3993.	2.23-16	5.56-17	2.68-17	1.44-17	1.02-18	5.83-19	3.46-20	1.09-21	1.25-22
704A	1.06	6241.	8.29-16	1.80-16	8.28-17	4.32-17	2.83-18	1.60-18	9.23-20	2.85-21	3.26-22
704B	.74	4135.	1.92-16	4.72-17	2.27-17	1.22-17	8.51-19	4.87-19	2.88-20	9.04-22	1.04-22
705	.77	4355.	1.91-16	4.61-17	2.20-17	1.18-17	8.15-19	4.66-19	2.75-20	8.59-22	9.85-23
9616	1.06	6221.	5.97-16	1.29-16	5.97-17	3.12-17	2.04-18	1.16-18	6.66-20	2.06-21	2.35-22
9617	.41	3301.	2.68-17	7.30-18	3.63-18	1.99-18	1.47-19	8.45-20	5.11-21	1.62-22	1.86-23
9618A	1.08	6430.	4.12-16	8.86-17	4.08-17	2.13-17	1.38-18	7.85-19	4.51-20	1.39-21	1.59-22
9618B	.51	3456.	2.82-17	7.51-18	3.70-18	2.02-18	1.47-19	8.47-20	5.09-21	1.61-22	1.85-23
706	.83	4738.	7.32-16	1.71-16	8.10-17	4.30-17	2.93-18	1.67-18	9.79-20	3.05-21	3.50-22
707	.71	4049.	2.47-16	6.12-17	2.95-17	1.59-17	1.11-18	6.38-19	3.78-20	1.19-21	1.36-22
708	.66	3836.	1.38-16	3.50-17	1.70-17	9.16-18	6.52-19	3.74-19	2.23-20	7.00-22	8.05-23
9619	1.11	6638.	6.02-16	1.29-16	5.90-17	3.07-17	1.99-18	1.13-18	6.48-20	2.00-21	2.28-22
9620	.61	3703.	1.11-16	2.85-17	1.39-17	7.52-18	5.40-19	3.10-19	1.85-20	5.83-22	6.70-23
9621	.39	3270.	2.94-17	8.05-18	4.00-18	2.20-18	1.63-19	9.37-20	5.67-21	1.80-22	2.07-23
9622	1.01	5885.	3.89-16	8.54-17	3.96-17	2.07-17	1.37-18	7.75-19	4.48-20	1.39-21	1.59-22
709	.69	3957.	5.62-17	1.41-17	6.80-18	3.66-18	2.59-19	1.48-19	8.80-21	2.77-22	3.18-23
9624	.95	5569.	2.86-16	6.36-17	2.96-17	1.56-17	1.03-18	5.88-19	3.41-20	1.06-21	1.21-22
9625	.73	4120.	9.38-17	2.31-17	1.11-17	5.95-18	4.17-19	2.39-19	1.41-20	4.43-22	5.09-23
710	.67	3857.	1.70-16	4.31-17	2.09-17	1.13-17	8.02-19	4.60-19	2.74-20	8.61-22	9.89-23
9626	15.74	4450.	5.52-14	1.32-14	6.29-15	3.35-15	2.31-16	1.32-16	7.78-18	2.43-19	2.79-20
711	8.76	4790.	3.04-14	7.10-15	3.35-15	1.78-15	1.21-16	6.90-17	4.04-18	1.26-19	1.44-20
712	.39	3263.	3.49-17	9.57-18	4.76-18	2.61-18	1.94-19	1.11-19	6.75-21	2.14-22	2.46-23
713	1.05	6175.	3.59-15	7.79-16	3.60-16	1.88-16	1.23-17	6.98-18	4.02-19	1.24-20	1.42-21
9627	13.46	4450.	4.98-14	1.19-14	5.68-15	3.03-15	2.09-16	1.19-16	7.02-18	2.19-19	2.52-20
715	.79	4445.	1.98-16	4.75-17	2.26-17	1.21-17	8.32-19	4.75-19	2.80-20	8.74-22	1.00-22
716	.83	4731.	5.12-16	1.20-16	5.67-17	3.01-17	2.05-18	1.17-18	6.86-20	2.14-21	2.45-22
717	.66	3833.	1.04-16	2.65-17	1.28-17	6.93-18	4.93-19	2.83-19	1.68-20	5.30-22	6.09-23
9628	.64	3782.	5.26-17	1.34-17	6.52-18	3.52-18	2.52-19	1.44-19	8.61-21	2.71-22	3.11-23
718	.68	3934.	2.08-16	5.21-17	2.52-17	1.36-17	9.60-19	5.50-19	3.27-20	1.03-21	1.18-22
719	.74	4150.	2.15-16	5.28-17	2.53-17	1.36-17	9.51-19	5.44-19	3.22-20	1.01-21	1.16-22
9629	.67	3874.	6.32-17	1.60-17	7.73-18	4.17-18	2.96-19	1.70-19	1.01-20	3.18-22	3.65-23
720A	.58	3643.	1.67-16	4.34-17	2.12-17	1.15-17	8.29-19	4.76-19	2.85-20	8.98-22	1.03-22
720B	.22	3085.	1.67-17	4.73-18	2.38-18	1.31-18	9.88-20	5.70-20	3.47-21	1.10-22	1.27-23
9630	.88	5148.	2.14-16	4.88-17	2.29-17	1.21-17	8.12-19	4.62-19	2.69-20	8.37-22	9.58-23
721	2.57	10471.	4.32-14	8.53-15	3.82-15	1.95-15	1.21-16	6.83-17	3.85-18	1.18-19	1.34-20
722	.93	5485.	7.43-16	1.66-16	7.75-17	4.08-17	2.71-18	1.54-18	8.95-20	2.78-21	3.18-22
9631	.80	4534.	1.29-16	3.06-17	1.45-17	7.73-18	5.32-19	3.03-19	1.78-20	5.57-22	6.38-23
9632	.80	4534.	1.41-16	3.35-17	1.59-17	8.49-18	5.83-19	3.33-19	1.96-20	6.11-22	7.01-23
723	.46	3380.	5.80-17	1.56-17	7.71-18	4.22-18	3.09-19	1.78-19	1.07-20	3.40-22	3.91-23
724	.67	3848.	1.10-16	2.79-17	1.36-17	7.32-18	5.20-19	2.98-19	1.78-20	5.59-22	6.42-23
9633	.70	3996.	1.21-16	3.02-17	1.46-17	7.84-18	5.53-19	3.17-19	1.88-20	5.90-22	6.78-23
725A	.40	3290.	7.64-16	2.09-16	1.04-16	5.68-17	4.20-18	2.42-18	1.46-19	4.64-21	5.34-22
725B	.34	3202.	5.17-16	1.43-16	7.15-17	3.93-17	2.93-18	1.69-18	1.02-19	3.25-21	3.74-22

TABLE 1—Continued

NAME	RA (1950)			DEC (1950)		PARALLAX	SPEC CLASS	ABS MAG	ABS MAG	NOTES	MIRC
	H	M	S	DEG	ARCMIN						
9634	18	43	5	43	46.8	.049 10	K0	6.15	6.15		
9635	18	43	31	20	29.7	.049 5	F6 V	2.65	2.65		IRC +20372
9636	18	44	39	-50	45.3	.054 10	G3 V	7.35	7.35		
727	18	46	7	10	41.6	.059 5	DK4	6.84	6.84		
728	18	46	40	17	23.2	.061 5	DM1	8.13	8.13		
729	18	46	45	-23	53.5	.345 8	DM4E	13.29V	13.29	UV	
730	18	47	31	3	2.0	.066 5	DM2	9.82	9.82		
731	18	49	38	16	31.7	.079 6	DM2	9.59	9.59		
732B	18	50	18	-38	40.0	.075 7		15.38	15.38		
733	18	51	31	-22	38.5	.056 10	K4	10.04P	9.07		
734	18	52	33	10	54.5	.054 11	DM0	8.08	8.08		
735	18	53	3	8	20.2	.092 10	DM2E	9.89	9.89		
736	18	53	12	4	12.1	.067 13	DK0	7.18	7.18		
737A	18	53	20	-56	3.1	.074 8	K5 V	8.19J	8.94		
737B	18	53	20	-56	3.1	.074 8	K7 V	8.95	8.95		
9638	18	53	47	23	29.7	.041 5	DK2	6.16	6.16	SB	
738A	18	55	9	32	50.1	.054 4	GO V	3.88J	3.99		
738B	18	55	9	32	50.1	.054 4		6.40	6.40		
739	18	55	20	-48	20.2	.083 7	M4	12.40P	10.95		
740	18	55	34	5	51.4	.085 6	M2 V	8.88	8.88		
9639	18	56	55	30	6.5	.041 5	DGO	4.85	4.85		
9640	19	0	10	-0	47.0	.054 10	DG6	6.86	6.86		
741	19	0	29	-13	38.0	.071 13	M5	13.86	13.86		
742	19	0	39	70	35.0	.078 4	WDA	12.75	12.75		
9641	19	1	41	-21	49.0	.044 10	GG8	1.98	1.98		IRC -20536
743	19	3	0	22	59.8	.057 11	G9	7.29	7.29		
9642A	19	3	2	-37	8.2	.054 8	F8 V	2.86J	3.57		
9642B	19	3	2	-37	8.2	.054 8	F8 V	3.66	3.66		
744	19	3	30	-37	53.0	.062 7	G5 IV	5.12	5.12		
9643	19	3	49	-27	44.6	.044 9	K1 III	1.53	1.53	SB	IRC -30401
745A	19	4	58	20	48.8	.119 6	SDM2	11.15	11.15		
745B	19	5	6	20	48.0	.119 6	SDM2	11.14	11.14		
746	19	5	43	16	46.5	.059 6	DG4	4.93	4.93	SB	
747A	19	5	45	32	27.0	.122 4	DM4	12.23	12.23		
747B	19	5	45	32	27.0	.122 4	M5	12.53	12.53		
9645	19	7	4	33	58.8	.055 10	DK6	8.15	8.15		
9646	19	7	11	-47	13.8	.049 8	K7 V	7.81	7.81		
748	19	9	38	2	48.5	.098 6	DM4	11.16	11.16		
9648A	19	10	48	49	45.6	.042 4	G6 V	4.69	4.69		
9648B	19	10	47	49	45.5	.042 4	G6 V	4.86	4.86		
9649	19	11	1	76	28.7	.046 6	F2 V	3.43	3.43		
9650	19	11	17	57	35.0	.041 6	G9 IV	5.10	5.10		
9651A	19	12	26	2	4.3	.046 6	M0	9.31P	8.01		
750A	19	13	3	-45	58.4	.070 7	K9 V	8.59J	9.26		
750B	19	13	3	-45	58.4	.070 7		9.43	9.43		
751	19	13	14	24	48.3	.027	DM0	6.88	6.88		
752A	19	14	29	5	5.8	.172 4	M3 V	10.30	10.30		
752B	19	14	32	5	4.6	.172 4	DM5E	18.66V	18.66	UV	
754	19	17	7	-45	36.6	.175 8	M7	14.92P	13.19		
9653A	19	17	53	-7	45.5	.104 10	M3	12.21	12.21		
9653B	19	17	51	-7	45.3	.098 4	WDAWK	12.39	12.39		
9654	19	17	53	37	14.3	.041 7	G8 V	4.36	4.36		
755	19	18	12	-35	4.6	.053 5	G5 V	5.10	5.10		
756	19	19	49	28	34.0	.055 14	M1	10.20	10.20		
9655	19	20	23	-22	12.3	.041 9		9.06	9.06		
757	19	21	36	-22	9.2	.058 12	K4	9.52	9.52		
758	19	21	41	33	7.3	.057 5	K0 V	5.15	5.15		
759	19	22	35	11	50.1	.060 8	G8 IV	4.05	4.05		
760	19	22	59	3	.7	.070 7	FO IV	2.59	2.59	SB	IRC 00429
9656	19	25	3	49	21.4	.043 7	DK1	6.19	6.19		
761A	19	25	56	12	26.0	.020	DK8	5.71J	5.72		
761B	19	25	56	12	26.0	.020		10.61	10.61		
9657A	19	26	47	-27	5.3	.044 9	K3 III	3.67J	3.69		IRC -30412
9657B	19	26	47	-27	5.3	.044 9		8.22	8.22		IRC -30412
9658	19	27	26	31	30.5	.049 7	DG5	5.42	5.42		

TABLE 1—Continued

NAME	RADIUS SUN=1	TEMP K	F2.2	F3.4	F4.2	F5.0	F10.2	F11.8	F24.4	F58.6	F101.
WATTS/CM2/MICRON											
9634	.83	4797.	2.12-16	4.93-17	2.33-17	1.24-17	8.41-19	4.79-19	2.81-20	8.75-22	1.00-22
9635	1.31	7438.	1.08-15	2.24-16	1.02-16	5.29-17	3.39-18	1.92-18	1.10-19	3.37-21	3.85-22
9636	.74	4144.	1.52-16	3.73-17	1.79-17	9.62-18	6.73-19	3.85-19	2.28-20	7.14-22	8.20-23
727	.78	4371.	2.23-16	5.37-17	2.57-17	1.37-17	9.48-19	5.42-19	3.19-20	9.99-22	1.15-22
728	.68	3950.	1.52-16	3.80-17	1.84-17	9.88-18	6.99-19	4.00-19	2.38-20	7.47-22	8.58-23
729	.24	3105.	3.46-16	9.75-17	4.90-17	2.70-17	2.03-18	1.17-18	7.12-20	2.27-21	2.61-22
730	.53	3510.	8.36-17	2.21-17	1.09-17	5.91-18	4.29-19	2.47-19	1.48-20	4.68-22	5.39-23
731	.56	3578.	1.37-16	3.59-17	1.76-17	9.58-18	6.93-19	3.98-19	2.39-20	7.53-22	8.66-23
732B	.14	2939.	4.97-18	1.44-18	7.32-19	4.07-19	3.11-20	1.80-20	1.10-21	3.51-23	4.05-24
733	.62	3740.	9.42-17	2.42-17	1.18-17	6.37-18	4.56-19	2.61-19	1.56-20	4.92-22	5.65-23
734	.69	3962.	1.20-16	3.01-17	1.46-17	7.84-18	5.54-19	3.17-19	1.88-20	5.92-22	6.79-23
735	.52	3492.	1.56-16	4.13-17	2.03-17	1.11-17	8.06-19	4.63-19	2.78-20	8.79-22	1.01-22
736	.75	4204.	2.49-16	6.08-17	2.92-17	1.56-17	1.09-18	6.23-19	3.68-20	1.15-21	1.32-22
737A	.64	3774.	1.77-16	4.52-17	2.20-17	1.19-17	8.49-19	4.87-19	2.90-20	9.14-22	1.05-22
737B	.64	3770.	1.76-16	4.49-17	2.18-17	1.18-17	8.43-19	4.84-19	2.88-20	9.08-22	1.04-22
9638	.83	4790.	1.48-16	3.44-17	1.62-17	8.62-18	5.87-19	3.34-19	1.96-20	6.10-22	6.99-23
738A	1.06	6257.	6.55-16	1.42-16	6.53-17	3.41-17	2.23-18	1.26-18	7.28-20	2.25-21	2.57-22
738B	.81	4634.	2.29-16	5.40-17	2.56-17	1.36-17	9.32-19	5.32-19	3.12-20	9.73-22	1.12-22
739	.42	3318.	7.29-17	1.98-17	9.83-18	5.38-18	3.97-19	2.29-19	1.38-20	4.37-22	5.04-23
740	.64	3787.	2.39-16	6.11-17	2.97-17	1.60-17	1.15-18	6.57-19	3.92-20	1.23-21	1.42-22
9639	.97	5731.	2.76-16	6.12-17	2.84-17	1.49-17	9.85-19	5.60-19	3.24-20	1.00-21	1.15-22
9640	.77	4360.	1.85-16	4.47-17	2.13-17	1.14-17	7.89-19	4.51-19	2.66-20	8.31-22	9.53-23
741	.21	3065.	1.07-17	3.03-18	1.52-18	8.41-19	6.35-20	3.66-20	2.23-21	7.10-23	8.19-24
742	.01	13900.	2.39-19	4.58-20	2.03-20	1.03-20	6.27-22	3.53-22	1.97-23	6.01-25	6.83-26
9641	7.65	4930.	1.51-14	3.48-15	1.64-15	8.68-16	5.88-17	3.35-17	1.96-18	6.10-20	6.98-21
743	.74	4164.	1.73-16	4.24-17	2.04-17	1.09-17	7.63-19	4.36-19	2.58-20	8.09-22	9.29-23
9642A	1.10	6526.	7.52-16	1.61-16	7.40-17	3.86-17	2.51-18	1.42-18	8.17-20	2.52-21	2.88-22
9642B	1.09	6478.	7.32-16	1.57-16	7.22-17	3.77-17	2.45-18	1.39-18	7.98-20	2.47-21	2.82-22
744	.90	5623.	5.26-16	1.17-16	5.44-17	2.86-17	1.89-18	1.08-18	6.24-20	1.93-21	2.21-22
9643	11.49	4610.	3.01-14	7.11-15	3.37-15	1.79-15	1.23-16	7.02-17	4.12-18	1.29-19	1.47-20
745A	.27	3556.	7.35-17	1.93-17	9.46-18	5.15-18	3.73-19	2.14-19	1.28-20	4.06-22	4.66-23
745B	.27	3556.	7.42-17	1.95-17	9.55-18	5.19-18	3.76-19	2.16-19	1.30-20	4.09-22	4.71-23
746	.96	5677.	5.51-16	1.22-16	5.68-17	2.98-17	1.97-18	1.12-18	6.50-20	2.01-21	2.30-22
747A	.32	3182.	8.29-17	2.30-17	1.15-17	6.33-18	4.72-19	2.72-19	1.65-20	5.25-22	6.05-23
747B	.29	3160.	6.87-17	1.92-17	9.58-18	5.28-18	3.95-19	2.28-19	1.38-20	4.39-22	5.06-23
9645	.68	3945.	1.23-16	3.07-17	1.49-17	8.00-18	5.66-19	3.24-19	1.93-20	6.05-22	6.95-23
9646	.70	4026.	1.08-16	2.68-17	1.29-17	6.95-18	4.89-19	2.80-19	1.66-20	5.22-22	5.99-23
748	.40	3291.	9.15-17	2.50-17	1.24-17	6.80-18	5.02-19	2.89-19	1.75-20	5.54-22	6.38-23
9648A	1.00	5833.	3.12-16	6.88-17	3.19-17	1.67-17	1.10-18	6.26-19	3.62-20	1.12-21	1.28-22
9648B	.97	5724.	2.89-16	6.39-17	2.97-17	1.56-17	1.03-18	5.85-19	3.39-20	1.05-21	1.20-22
9649	1.11	6613.	5.70-16	1.22-16	5.59-17	2.91-17	1.89-18	1.07-18	6.15-20	1.90-21	2.17-22
9650	2.00	4875.	8.78-16	2.04-16	9.60-17	5.09-17	3.45-18	1.97-18	1.15-19	3.58-21	4.10-22
9651A	.69	3979.	8.93-17	2.23-17	1.08-17	5.79-18	4.09-19	2.34-19	1.39-20	4.37-22	5.01-23
750A	.60	3684.	1.32-16	3.40-17	1.66-17	8.99-18	6.46-19	3.70-19	2.22-20	6.98-22	8.03-23
750B	.58	3630.	1.19-16	3.09-17	1.51-17	8.20-18	5.91-19	3.40-19	2.03-20	6.41-22	7.37-23
751	.77	4349.	4.59-17	1.11-17	5.29-18	2.83-18	1.96-19	1.12-19	6.60-21	2.06-22	2.37-23
752A	.48	3412.	4.37-16	1.17-16	5.78-17	3.16-17	2.31-18	1.33-18	8.00-20	2.53-21	2.91-22
752B	.13	2206.	1.08-17	3.88-18	2.10-18	1.22-18	1.03-19	6.06-20	3.86-21	1.26-22	1.46-23
754	.24	3112.	9.43-17	2.65-17	1.33-17	7.34-18	5.51-19	3.18-19	1.93-20	6.15-22	7.08-23
9653A	.32	3183.	6.10-17	1.69-17	8.46-18	4.65-18	3.47-19	2.00-19	1.21-20	3.86-22	4.44-23
9653B	.01	10600.	6.69-19	1.32-19	5.90-20	3.02-20	1.87-21	1.06-21	5.95-23	1.82-24	2.07-25
9654	1.03	6054.	3.41-16	7.43-17	3.43-17	1.80-17	1.18-18	6.69-19	3.86-20	1.19-21	1.36-22
755	.94	5546.	4.08-16	9.10-17	4.24-17	2.23-17	1.48-18	8.42-19	4.88-20	1.51-21	1.73-22
756	.49	3430.	4.71-17	1.26-17	6.21-18	3.39-18	2.48-19	1.42-19	8.58-21	2.71-22	3.12-23
9655	.62	3743.	5.08-17	1.30-17	6.34-18	3.43-18	2.45-19	1.41-19	8.40-21	2.65-22	3.04-23
757	.57	3600.	7.73-17	2.02-17	9.87-18	5.36-18	3.87-19	2.22-19	1.33-20	4.21-22	4.84-23
758	.94	5508.	4.60-16	1.03-16	4.79-17	2.52-17	1.68-18	9.53-19	5.53-20	1.71-21	1.96-22
759	2.95	4930.	4.17-15	9.62-16	4.53-16	2.40-16	1.63-17	9.26-18	5.41-19	1.68-20	1.93-21
760	1.39	7244.	2.37-15	4.97-16	2.27-16	1.17-16	7.54-18	4.27-18	2.44-19	7.52-21	8.58-22
9656	.83	4770.	1.60-16	3.74-17	1.77-17	9.37-18	6.38-19	3.64-19	2.13-20	6.64-22	7.61-23
761A	.87	5090.	4.26-17	9.75-18	4.58-18	2.42-18	1.63-19	9.27-20	5.41-21	1.68-22	1.93-23
761B	.45	3364.	5.03-18	1.36-18	6.71-19	3.67-19	2.70-20	1.55-20	9.37-22	2.97-23	3.41-24
9657A	5.01	4270.	4.94-15	1.20-15	5.74-16	3.07-16	2.14-17	1.22-17	7.21-19	2.26-20	2.59-21
9657B	.68	3930.	7.71-17	1.94-17	9.36-18	5.05-18	3.57-19	2.05-19	1.22-20	3.82-22	4.39-23
9658	.90	5306.	2.96-16	6.68-17	3.12-17	1.65-17	1.10-18	6.27-19	3.64-20	1.13-21	1.30-22

TABLE 1—*Continued*

NAME	RA (1950)			DEC (1950)		PARALLAX		SPEC CLASS		ABS MAG	ABS MAG	NOTES	MIRC
	H	M	S	DEG	ARCMIN	ARCSEC							
9659	19	28	12	-6	37.0	.042	6	G0		5.42	5.42		
9660	19	30	4	0	28.2	.048	11	DM0		8.81	8.81		
9661	19	31	39	7	16.2	.041	8	K3	III	2.50	2.50	IRC	+10430
763	19	32	9	4	28.0	.078	6	DM1		8.82	8.82		
764	19	32	28	69	34.5	.176	4	K0	V	5.92	5.92	IRC	+70158
9662A	19	34	2	-10	33.0	.047	5	K2	V	6.76J	6.97		
9662B	19	34	2	-10	33.0	.047	5	K5		8.66	8.66		
9663	19	34	45	-14	24.7	.045	9	DF6		3.73	3.73	SB	
765A	19	35	6	50	6.3	.056	9	F5	IV	3.21	3.21		
765E	19	35	6	50	6.3	.056	9			11.74	11.74		
9664A	19	38	18	-59	7.5	.040	11	G5	V	5.49J	5.92		
9664B	19	38	18	-59	7.5	.040	11			6.71	6.71		
9665	19	40	40	76	18.2	.050	7	DK0		6.57	6.57		
9666	19	40	42	-15	35.3	.044	10	F6	IV	3.71	3.71		
9667	19	41	2	9	58.0	.040	5	DM0		8.01	8.01		
9668	19	42	16	57	53.8	.045	6	F8		4.51	4.51		
9669A	19	43	39	33	29.0	.043	4	DK5	MS	5.85J	6.54		
9669B	19	43	39	33	29.0	.043	4			6.67	6.67		
766A	19	43	43	27	1.2	.101	6	DM4E		12.72	12.72		
766B	19	43	43	27	1.2	.101	6			13.72	13.72		
767A	19	44	26	31	53.9	.077	4	DM2		9.71	9.71		
767B	19	44	26	31	53.9	.077	4	M2		10.73	10.73		
9670A	19	44	32	33	36.5	.049	4	F5	V	3.44	3.44		
9670E	19	44	34	33	36.8	.049	4	DK6		7.01	7.01		
768	19	48	21	8	44.0	.196	5	A7	V	2.22	2.22	IRC	+10441
9671A	19	48	38	10	17.2	.047	7	F8	V	3.52	3.52		
9671C	19	48	38	10	17.2	.047	7	M4		11.46	11.46		
770	19	51	18	-24	4.0	.073	7	DK5		5.50	5.50		
9672	19	52	33	3	56.0	.041	10	DK3		7.86	7.86		
9673	19	52	47	-26	26.0	.061	10	DG5		3.63	3.63	IRC	-30418
771A	19	52	51	6	16.7	.070	7	G8	IV	2.95	2.95	IRC	+10444
771B	19	52	51	6	16.7	.070	7	M3	V	10.63	10.63	IRC	+10444
772	19	53	56	-1	10.0	.083	4	WDA		13.51	13.51		
9674	19	54	30	51	8.1	.046	11	M2		10.61P	9.20		
773	19	54	33	-12	41.6	.060	8	DM1		8.19	8.19		
9675	19	55	7	-15	37.5	.052	10	A2	IV	3.60	3.60		
9676	19	55	13	29	41.0	.047	7	K0	V	6.28	6.28		
9677A	19	55	39	59	1.7	.040	5	DMOP		8.21	8.21		
9678	19	57	4	-10	5.3	.040	5	G0	V	3.89	3.89		
9679	19	57	7	-33	50.3	.048	7	F8	V	4.07	4.07	SB	
9680	19	58	50	-50	11.2	.048	11	K5	V	6.74J	6.74		
774A	19	59	20	-65	43.6	.075	8	M		9.88	9.88		
774B	19	59	20	-65	43.6	.075	8	M		11.38	11.38		
9681	20	0	17	15	27.5	.049	18	G8	V	5.61	5.61		
775	20	0	17	3	11.0	.071	10	DK4		6.72	6.72		
776	20	0	34	-67	27.2	.052	7	G2	V	4.65	4.65		
777	20	1	23	29	43.9	.087	12	M6		14.10	14.10		
9683	20	1	34	29	45.6	.046	6	G6	IV	4.05	4.05		
778	20	1	47	23	12.7	.051	11	K1	V	5.81	5.81		
779	20	1	51	16	56.0	.058	6	G1	V	4.62	4.62		
9684	20	2	13	-13	35.1	.042	5	DM0		9.32	9.32		
9685	20	3	20	38	20.0	.044	6	G5		4.37	4.37		
780	20	3	50	-66	18.7	.175	7	G5	IV	4.78	4.78		
781	20	3	55	54	18.0	.059	5	DM3E		10.95V	10.95	UV SB	
9687	20	6	48	-14	26.0	.047	10	DK8		8.16	8.16		
782	20	7	26	-20	38.1	.063	6	DMOP		7.94	7.94	SB	
783A	20	7	55	-36	13.7	.177	8	K3	V	6.55	6.55		
783B	20	7	55	-36	13.7	.177	8	M5		12.74	12.74		
9688A	20	8	34	43	47.6	.046	11	G5	V	5.75J	6.31		
9688B	20	8	34	43	47.6	.046	11			6.73	6.73		
784	20	10	19	-45	18.7	.164	5	M0	V	9.04	9.04		
785	20	12	10	-27	11.0	.120	10	K0	V	6.13	6.13	SB	
786	20	12	24	77	4.8	.072	10	DM0		8.18	8.18		
9690	20	14	11	42	49.5	.046	5	DMOP		8.71	8.71		
787	20	16	7	-46	35.0	.063	10	K5	V	7.72	7.72		

TABLE 1—Continued

NAME	RADIUS SUN=1	TEMP K	F2.2	F3.4	F4.2	F5.0	F10.2	F11.8	F24.4	F58.6	F101.
WATTS/CM2/MICRON											
9659	.90	5306.	2.17-16	4.91-17	2.30-17	1.21-17	8.10-19	4.61-19	2.68-20	8.32-22	9.52-23
9660	.65	3803.	7.86-17	2.00-17	9.72-18	5.25-18	3.74-19	2.15-19	1.28-20	4.03-22	4.63-23
9661	8.65	4270.	1.28-14	3.11-15	1.49-15	7.96-16	5.53-17	3.16-17	1.87-18	5.85-20	6.71-21
763	.65	3800.	2.07-16	5.26-17	2.56-17	1.38-17	9.85-19	5.65-19	3.37-20	1.06-21	1.22-22
764	.85	4952.	3.03-15	6.99-16	3.29-16	1.74-16	1.18-17	6.72-18	3.92-19	1.22-20	1.40-21
9662A	.77	4302.	1.34-16	3.24-17	1.55-17	8.29-18	5.76-19	3.29-19	1.94-20	6.07-22	6.97-23
9662B	.66	3836.	7.92-17	2.01-17	9.75-18	5.27-18	3.75-19	2.15-19	1.28-20	4.03-22	4.62-23
9663	1.08	6430.	4.97-16	1.07-16	4.91-17	2.56-17	1.67-18	9.46-19	5.44-20	1.68-21	1.92-22
765A	1.26	6561.	1.08-15	2.30-16	1.06-16	5.51-17	3.58-18	2.03-18	1.17-19	3.60-21	4.11-22
765B	.36	3222.	2.24-17	6.17-18	3.08-18	1.69-18	1.26-19	7.24-20	4.39-21	1.39-22	1.60-23
9664A	.85	4954.	1.57-16	3.62-17	1.70-17	9.01-18	6.10-19	3.47-19	2.03-20	6.32-22	7.23-23
9664B	.79	4445.	1.09-16	2.60-17	1.24-17	6.62-18	4.57-19	2.61-19	1.53-20	4.80-22	5.50-23
9665	.80	4528.	1.81-16	4.31-17	2.05-17	1.09-17	7.51-19	4.28-19	2.52-20	7.87-22	9.02-23
9666	1.07	6471.	4.67-16	1.00-16	4.61-17	2.40-17	1.56-18	8.86-19	5.10-20	1.57-21	1.80-22
9667	.69	3979.	6.75-17	1.68-17	8.14-18	4.38-18	3.09-19	1.77-19	1.05-20	3.30-22	3.79-23
9668	1.02	5950.	3.89-16	8.53-17	3.95-17	2.07-17	1.36-18	7.72-19	4.46-20	1.38-21	1.58-22
9669A	.80	4547.	1.36-16	3.23-17	1.53-17	8.17-18	5.61-19	3.20-19	1.88-20	5.88-22	6.74-23
9669B	.79	4468.	1.28-16	3.06-17	1.46-17	7.77-18	5.35-19	3.06-19	1.80-20	5.62-22	6.44-23
766A	.28	3146.	4.16-17	1.16-17	5.82-18	3.21-18	2.40-19	1.38-19	8.41-21	2.67-22	3.08-23
766B	.21	3075.	2.34-17	6.61-18	3.32-18	1.84-18	1.38-19	7.99-20	4.86-21	1.55-22	1.78-23
767A	.54	3541.	1.21-16	3.19-17	1.57-17	8.53-18	6.18-19	3.55-19	2.13-20	6.73-22	7.74-23
767B	.44	3347.	7.01-17	1.90-17	9.39-18	5.14-18	3.78-19	2.18-19	1.31-20	4.16-22	4.79-23
9670A	1.11	6605.	6.44-16	1.38-16	6.32-17	3.29-17	2.14-18	1.21-18	6.96-20	2.15-21	2.45-22
9670B	.76	4280.	1.43-16	3.46-17	1.66-17	8.87-18	6.16-19	3.52-19	2.08-20	6.51-22	7.47-23
768	1.58	8091.	2.83-14	5.81-15	2.63-15	1.36-15	8.63-17	4.88-17	2.78-18	8.52-20	9.72-21
9671A	1.10	6550.	5.77-16	1.24-16	5.68-17	2.96-17	1.92-18	1.09-18	6.26-20	1.93-21	2.21-22
9671C	.39	3254.	1.81-17	4.97-18	2.47-18	1.36-18	1.01-19	5.80-20	3.51-21	1.11-22	1.28-23
770	.89	5248.	6.30-16	1.43-16	6.68-17	3.52-17	2.36-18	1.34-18	7.82-20	2.43-21	2.78-22
9672	.70	4014.	7.44-17	1.85-17	8.92-18	4.80-18	3.38-19	1.94-19	1.15-20	3.61-22	4.14-23
9673	1.09	6495.	9.43-16	2.02-16	9.30-17	4.84-17	3.15-18	1.79-18	1.03-19	3.17-21	3.62-22
771A	4.89	4930.	1.56-14	3.61-15	1.70-15	8.99-16	6.09-17	3.47-17	2.03-18	6.31-20	7.23-21
771B	.45	3361.	6.10-17	1.65-17	8.15-18	4.46-18	3.28-19	1.88-19	1.14-20	3.60-22	4.14-23
772	.01	8200.	2.56-19	5.26-20	2.38-20	1.23-20	7.78-22	4.40-22	2.50-23	7.68-25	8.76-26
9674	.61	3703.	5.90-17	1.52-17	7.41-18	4.01-18	2.88-19	1.65-19	9.87-21	3.11-22	3.57-23
773	.68	3936.	1.44-16	3.62-17	1.75-17	9.44-18	6.68-19	3.83-19	2.27-20	7.14-22	8.20-23
9675	.71	9376.	5.04-16	1.01-16	4.55-17	2.34-17	1.46-18	8.25-19	4.67-20	1.43-21	1.63-22
9676	.82	4711.	1.83-16	4.30-17	2.03-17	1.08-17	7.38-19	4.21-19	2.47-20	7.69-22	8.81-23
9677A	.68	3932.	6.39-17	1.60-17	7.75-18	4.18-18	2.96-19	1.69-19	1.01-20	3.16-22	3.63-23
9678	1.07	6321.	3.72-16	8.03-17	3.70-17	1.93-17	1.26-18	7.14-19	4.11-20	1.27-21	1.45-22
9679	1.05	6210.	5.06-16	1.10-16	5.06-17	2.64-17	1.73-18	9.80-19	5.65-20	1.75-21	1.99-22
9680	.78	4427.	1.55-16	3.71-17	1.77-17	9.42-18	6.50-19	3.72-19	2.19-20	6.84-22	7.84-23
774A	.53	3494.	1.04-16	2.76-17	1.36-17	7.39-18	5.38-19	3.09-19	1.86-20	5.87-22	6.76-23
774B	.39	3263.	4.80-17	1.31-17	6.54-18	3.59-18	2.66-19	1.53-19	9.26-21	2.94-22	3.38-23
9681	.88	5169.	2.69-16	6.12-17	2.87-17	1.51-17	1.02-18	5.79-19	3.37-20	1.05-21	1.20-22
775	.79	4439.	3.42-16	8.17-17	3.89-17	2.08-17	1.43-18	8.19-19	4.82-20	1.51-21	1.73-22
776	1.00	5859.	4.88-16	1.07-16	4.97-17	2.60-17	1.72-18	9.75-19	5.64-20	1.75-21	2.00-22
777	.19	3048.	1.40-17	3.97-18	2.00-18	1.11-18	8.36-20	4.83-20	2.94-21	9.37-23	1.08-23
9683	1.74	5248.	9.51-16	2.16-16	1.01-16	5.32-17	3.57-18	2.03-18	1.18-19	3.67-21	4.20-22
778	.86	5028.	2.67-16	6.13-17	2.88-17	1.52-17	1.03-18	5.85-19	3.42-20	1.06-21	1.22-22
779	1.01	5878.	6.15-16	1.35-16	6.26-17	3.28-17	2.16-18	1.23-18	7.09-20	2.20-21	2.51-22
9684	.59	3665.	4.58-17	1.18-17	5.78-18	3.14-18	2.25-19	1.29-19	7.74-21	2.44-22	2.81-23
9685	1.28	5623.	5.29-16	1.18-16	5.47-17	2.87-17	1.90-18	1.08-18	6.27-20	1.94-21	2.22-22
780	1.06	5623.	5.73-15	1.27-15	5.93-16	3.11-16	2.06-17	1.17-17	6.80-19	2.11-20	2.41-21
781	.42	3318.	3.68-17	1.00-17	4.97-18	2.72-18	2.01-19	1.15-19	6.98-21	2.21-22	2.54-23
9687	.68	3943.	8.93-17	2.24-17	1.08-17	5.83-18	4.12-19	2.36-19	1.40-20	4.41-22	5.06-23
782	.70	3996.	1.71-16	4.27-17	2.06-17	1.11-17	7.81-19	4.47-19	2.66-20	8.34-22	9.57-23
783A	.80	4540.	2.30-15	5.45-16	2.59-16	1.38-16	9.47-18	5.41-18	3.18-19	9.93-21	1.14-21
783B	.28	3145.	1.26-16	3.53-17	1.77-17	9.73-18	7.28-19	4.20-19	2.55-20	8.11-22	9.34-23
9688A	.82	4689.	1.73-16	4.06-17	1.92-17	1.02-17	6.98-19	3.98-19	2.33-20	7.28-22	8.34-23
9688B	.79	4433.	1.43-16	3.42-17	1.63-17	8.68-18	6.00-19	3.42-19	2.02-20	6.30-22	7.23-23
784	.63	3748.	8.22-16	2.10-16	1.02-16	5.54-17	3.97-18	2.28-18	1.36-19	4.28-21	4.91-22
785	.84	4810.	1.28-15	2.98-16	1.41-16	7.47-17	5.08-18	2.90-18	1.69-19	5.28-21	6.05-22
786	.68	3939.	2.09-16	5.23-17	2.53-17	1.36-17	9.63-19	5.52-19	3.28-20	1.03-21	1.18-22
9690	.66	3825.	7.48-17	1.90-17	9.21-18	4.98-18	3.54-19	2.03-19	1.21-20	3.81-22	4.37-23
787	.71	4047.	1.83-16	4.55-17	2.19-17	1.18-17	8.28-19	4.74-19	2.81-20	8.82-22	1.01-22

TABLE 1—*Continued*

NAME	RA (1950)			DEC (1950)		PARALLAX		SPEC	CLASS	ABS MAG	ABS MAG	NOTES	MIRC
	H	M	S	DEG	ARCMIN	ARCSEC							
788	20	17	2	66	41.5	.067	5	G5	V	5.07	5.07		
9691	20	18	4	-50	9.2	.043	7	G2	V	4.44	4.44		
9694	20	19	4	-42	12.5	.045	10	A0	V	3.86	3.86		
9695A	20	23	39	-37	34.0	.040	8	K2	IV	4.25J	4.41		
9695B	20	23	39	-37	34.0	.040	8			6.41	6.41		
790	20	24	38	-31	1.5	.057	7	G5	V	5.39	5.39		
791	20	24	40	-27	54.0	.079	8	M3		11.09	11.09		
9696A	20	26	1	-17	58.8	.046	7	F2	III	3.09J	3.10		
9696B	20	26	1	-17	58.8	.046	7			8.31	8.31		
9697A	20	28	4	26	40.5	.044	10	DM2		7.93J	8.19		
9697B	20	28	4	26	40.5	.044	10			9.62	9.62		
9698	20	29	33	33	36.3	.055	9	DK8		7.93	7.93		
792	20	29	35	38	22.9	.066	11	M6		14.30P	12.69		
793	20	29	50	65	16.5	.127	5	DM3		10.95	10.95		
9699	20	31	5	41	43.4	.051	5	G9	V	5.63	5.63	SB	
794	20	32	14	24	54.0	.071	2	WDA		10.88	10.88	SB	
9700	20	34	4	-47	28.0	.045	10	K0	III	1.37	1.37		
9701	20	35	55	-60	43.0	.047	8	F8	V	3.47	3.47		
9702	20	36	47	38	27.7	.048	7	G2	V	5.17	5.17		
795A	20	37	5	4	47.5	.062	3	K5	V	6.86J	7.14		
795B	20	37	5	4	47.5	.062	3			8.46	8.46		
796	20	37	13	-23	57.5	.070	7	G8	V	5.59	5.59		
9703	20	38	3	75	25.0	.044	5	K0	V	5.42V	5.42	EB SB	
797A	20	38	29	19	45.0	.049	6	DG2		4.93	4.93		
797B	20	38	29	19	43.1	.049	6			12.60	12.60		
798	20	38	37	-52	51.8	.084	6	K7	V	8.45	8.45		
799A	20	38	44	-32	36.5	.122	6	DM4E		10.56J	11.13		
799B	20	38	44	-32	36.5	.122	6	DM4E		11.53V	11.53	UV	
9704	20	38	45	-22	29.5	.041	12	K0		7.16	7.16		
800A	20	40	4	-19	5.1	.067	6	DM2		9.53	9.53		
800B	20	40	4	-19	5.1	.067	6			13.13	13.13		
9705	20	41	3	35	19.2	.040	7	DM3		9.51	9.51		
801	20	41	7	-21	32.0	.050	5	DM0		8.69	8.69		
802	20	41	52	55	8.7	.073	14	DM5E		14.52	14.52		
803	20	42	4	-31	31.0	.107	6	MOE	V	8.76	8.76		
804	20	42	6	19	34.5	.062	7	DM2		9.16	9.16		
805	20	43	8	-25	27.0	.096	10	F5	V	4.05	4.05		
806	20	43	18	44	18.7	.085	5	DM3		10.45	10.45		
9706	20	44	7	57	24.0	.042	7	F8	IV	2.64	2.64		
9707A	20	44	11	33	46.9	.046	8	K0	III	.77	.77	SB	IRC +30451
9707C	20	44	11	33	46.9	.046	8	DM4		11.71	11.71		IRC +30451
807	20	44	16	61	38.5	.073	4	K0	IV	2.75	2.75		
808	20	44	30	-79	29.0	.062	8	M		12.16P	10.83		
9708	20	45	6	-44	10.2	.049	9	F1	V	3.55	3.55		
9709A	20	46	59	11	13.0	.040	5	DK8		7.32J	8.26		
9709B	20	46	59	11	13.0	.040	5			7.91	7.91		
9710	20	52	4	74	34.9	.044	6	G8	V	6.02	6.02		
809	20	52	18	61	58.5	.139	4	M2	V	9.22	9.22	SB	
810A	20	52	48	-14	13.2	.080	11	M5		14.02P	12.52		
811	20	53	49	-26	29.2	.039		F8	V	3.61	3.61		
9711	20	54	4	-10	37.5	.044	7	DM3		9.52	9.52		
812A	20	54	8	-5	2.0	.068	8	DM4E		11.03	11.03		
812B	20	54	8	-5	2.0	.064	5	WDC		15.84	15.84		
9712	20	54	22	-44	18.5	.053	8	G0	V	5.13	5.13		
813	20	55	9	22	10.3	.078	7	M3		11.46	11.46		
814	20	56	59	0	52.0	.054	11	DG4		7.29	7.29		
9713	20	57	35	-42	13.3	.044	12	K4		10.52	10.52		
815A	20	58	9	39	52.6	.075	8	DM3E		9.48J	9.63	UV	
815B	20	58	9	39	52.6	.075	8	DM3E		11.68	11.68		
9714	20	58	33	-32	43.0	.044	5	DM0		8.72	8.72		
9715	20	59	5	-0	39.9	.044	5	DM0		8.92	8.92		
816	20	59	20	-6	30.5	.082	7	M3		10.57	10.57		
9717A	21	0	53	45	41.0	.048	8	K3	V	6.09	6.09		
9717B	21	0	53	45	41.0	.048	8			11.71	11.71		
817	21	2	9	-17	7.8	.055	7	M3		11.10P	9.66		

TABLE 1—Continued

NAME	RADIUS SUN=1	TEMP K	F2.2	F3.4	F4.2	F5.0	F10.2	F11.8	F24.4	F58.6	F101.
WATTS/CM ² /MICRON											
788	.95	5569.	6.62-16	1.48-16	6.87-17	3.61-17	2.40-18	1.36-18	7.90-20	2.45-21	2.80-22
9691	1.03	5998.	3.66-16	7.99-17	3.70-17	1.93-17	1.27-18	7.22-19	4.17-20	1.29-21	1.47-22
9694	1.07	6340.	4.75-16	1.03-16	4.72-17	2.46-17	1.61-18	9.12-19	5.25-20	1.62-21	1.85-22
9695A	3.23	4450.	1.84-15	4.39-16	2.09-16	1.12-16	7.69-18	4.39-18	2.59-19	8.08-21	9.27-22
9695B	.81	4628.	1.25-16	2.95-17	1.40-17	7.44-18	5.09-19	2.91-19	1.71-20	5.32-22	6.10-23
790	.90	5328.	4.07-16	9.17-17	4.29-17	2.26-17	1.51-18	8.59-19	4.99-20	1.55-21	1.78-22
791	.41	3300.	6.16-17	1.68-17	8.33-18	4.56-18	3.37-19	1.94-19	1.17-20	3.72-22	4.28-23
9696A	1.12	6918.	6.25-16	1.32-16	6.05-17	3.14-17	2.03-18	1.15-18	6.58-20	2.03-21	2.32-22
9696B	.68	3910.	8.26-17	2.08-17	1.01-17	5.42-18	3.84-19	2.20-19	1.31-20	4.11-22	4.72-23
9697A	.68	3937.	7.78-17	1.95-17	9.43-18	5.08-18	3.59-19	2.06-19	1.22-20	3.84-22	4.41-23
9697B	.55	3568.	4.18-17	1.10-17	5.38-18	2.92-18	2.12-19	1.22-19	7.29-21	2.30-22	2.65-23
9698	.70	3998.	1.31-16	3.26-17	1.57-17	8.47-18	5.97-19	3.42-19	2.03-20	6.37-22	7.32-23
792	.28	3148.	1.81-17	5.06-18	2.53-18	1.40-18	1.04-19	6.02-20	3.66-21	1.16-22	1.34-23
793	.42	3318.	1.71-16	4.64-17	2.30-17	1.26-17	9.29-19	5.35-19	3.23-20	1.02-21	1.18-22
9699	.88	5155.	2.89-16	6.58-17	3.08-17	1.63-17	1.09-18	6.23-19	3.63-20	1.13-21	1.29-22
794	.01	21500.	7.78-19	1.44-19	6.31-20	3.19-20	1.90-21	1.07-21	5.93-23	1.80-24	2.04-25
9700	11.66	4790.	3.48-14	8.11-15	3.83-15	2.03-15	1.38-16	7.89-17	4.62-18	1.44-19	1.65-20
9701	1.11	6582.	5.86-16	1.25-16	5.76-17	3.00-17	1.95-18	1.10-18	6.34-20	1.96-21	2.24-22
9702	.93	5493.	3.23-16	7.22-17	3.37-17	1.77-17	1.18-18	6.70-19	3.89-20	1.21-21	1.38-22
795A	.75	4219.	2.16-16	5.28-17	2.53-17	1.35-17	9.44-19	5.40-19	3.19-20	1.00-21	1.15-22
795B	.67	3878.	1.45-16	3.66-17	1.77-17	9.57-18	6.80-19	3.89-19	2.32-20	7.29-22	8.37-23
796	.88	5183.	5.54-16	1.26-16	5.91-17	3.12-17	2.09-18	1.19-18	6.94-20	2.16-21	2.47-22
9703	.90	5306.	2.39-16	5.39-17	2.52-17	1.33-17	8.88-19	5.05-19	2.94-20	9.13-22	1.04-22
797A	.96	5677.	3.80-16	8.43-17	3.92-17	2.06-17	1.36-18	7.74-19	4.48-20	1.39-21	1.59-22
797B	.29	3155.	1.06-17	2.95-18	1.48-18	8.14-19	6.09-20	3.51-20	2.13-21	6.78-23	7.81-24
798	.67	3880.	2.67-16	6.74-17	3.26-17	1.76-17	1.25-18	7.16-19	4.26-20	1.34-21	1.54-22
799A	.41	3295.	1.44-16	3.92-17	1.95-17	1.07-17	7.89-19	4.54-19	2.75-20	8.70-22	1.00-22
799B	.37	3245.	1.18-16	3.24-17	1.61-17	8.85-18	6.56-19	3.78-19	2.29-20	7.26-22	8.36-23
9704	.75	4212.	9.40-17	2.29-17	1.10-17	5.89-18	4.11-19	2.35-19	1.39-20	4.35-22	4.99-23
800A	.57	3597.	1.02-16	2.67-17	1.31-17	7.12-18	5.14-19	2.95-19	1.77-20	5.58-22	6.42-23
800B	.25	3117.	1.43-17	4.02-18	2.01-18	1.11-18	8.34-20	4.81-20	2.93-21	9.31-23	1.07-23
9705	.57	3603.	3.70-17	9.64-18	4.72-18	2.56-18	1.85-19	1.06-19	6.37-21	2.01-22	2.31-23
801	.66	3829.	8.89-17	2.26-17	1.09-17	5.91-18	4.21-19	2.41-19	1.44-20	4.52-22	5.19-23
802	.17	3013.	7.54-18	2.16-18	1.09-18	6.04-19	4.58-20	2.64-20	1.61-21	5.14-23	5.93-24
803	.66	3814.	3.98-16	1.01-16	4.91-17	2.65-17	1.89-18	1.08-18	6.46-20	2.03-21	2.33-22
804	.61	3715.	1.10-16	2.82-17	1.37-17	7.44-18	5.34-19	3.06-19	1.83-20	5.76-22	6.62-23
805	1.06	6221.	2.03-15	4.41-16	2.03-16	1.06-16	6.95-18	3.94-18	2.27-19	7.02-21	8.02-22
806	.47	3388.	9.87-17	2.65-17	1.31-17	7.16-18	5.25-19	3.02-19	1.82-20	5.77-22	6.64-23
9706	1.98	6252.	1.38-15	2.99-16	1.38-16	7.20-17	4.71-18	2.67-18	1.54-19	4.75-21	5.43-22
9707A	15.37	4790.	6.32-14	1.47-14	6.96-15	3.69-15	2.51-16	1.43-16	8.38-18	2.61-19	2.99-20
9707C	.36	3225.	1.53-17	4.22-18	2.10-18	1.16-18	8.59-20	4.95-20	3.00-21	9.52-23	1.10-23
807	6.18	4790.	2.57-14	5.99-15	2.83-15	1.50-15	1.02-16	5.82-17	3.41-18	1.06-19	1.22-20
808	.43	3333.	4.32-17	1.17-17	5.81-18	3.18-18	2.34-19	1.35-19	8.14-21	2.58-22	2.97-23
9708	1.10	6534.	6.22-16	1.33-16	6.12-17	3.19-17	2.07-18	1.18-18	6.75-20	2.08-21	2.38-22
9709A	.68	3920.	6.31-17	1.59-17	7.67-18	4.13-18	2.93-19	1.68-19	9.97-21	3.13-22	3.60-23
9709B	.70	4003.	6.97-17	1.74-17	8.37-18	4.50-18	3.18-19	1.82-19	1.08-20	3.39-22	3.89-23
9710	.85	4884.	1.81-16	4.20-17	1.98-17	1.05-17	7.11-19	4.05-19	2.37-20	7.38-22	8.45-23
809	.60	3697.	5.32-16	1.37-16	6.69-17	3.62-17	2.60-18	1.49-18	8.92-20	2.81-21	3.23-22
810A	.30	3161.	2.97-17	8.29-18	4.15-18	2.28-18	1.71-19	9.84-20	5.98-21	1.90-22	2.19-23
811	1.09	6506.	3.88-16	8.31-17	3.82-17	1.99-17	1.29-18	7.34-19	4.22-20	1.30-21	1.49-22
9711	.57	3600.	4.45-17	1.16-17	5.68-18	3.09-18	2.23-19	1.28-19	7.67-21	2.42-22	2.78-23
812A	.41	3308.	4.70-17	1.28-17	6.35-18	3.48-18	2.57-19	1.48-19	8.93-21	2.83-22	3.26-23
812B	.02	3400.	8.37-20	2.25-20	1.11-20	6.06-21	4.44-22	2.56-22	1.54-23	4.87-25	5.61-26
9712	.94	5523.	4.02-16	8.98-17	4.18-17	2.20-17	1.46-18	8.31-19	4.82-20	1.49-21	1.71-22
813	.38	3254.	4.98-17	1.37-17	6.81-18	3.74-18	2.77-19	1.60-19	9.66-21	3.06-22	3.53-23
814	.74	4164.	1.55-16	3.81-17	1.83-17	9.80-18	6.85-19	3.92-19	2.32-20	7.26-22	8.33-23
9713	.46	3377.	2.55-17	6.86-18	3.39-18	1.86-18	1.36-19	7.84-20	4.73-21	1.50-22	1.72-23
815A	.55	3564.	1.21-16	3.16-17	1.55-17	8.43-18	6.10-19	3.51-19	2.10-20	6.64-22	7.63-23
815B	.36	3228.	4.13-17	1.14-17	5.67-18	3.12-18	2.32-19	1.33-19	8.08-21	2.57-22	2.95-23
9714	.66	3823.	6.82-17	1.73-17	8.41-18	4.54-18	3.23-19	1.85-19	1.10-20	3.48-22	3.99-23
9715	.64	3777.	6.30-17	1.61-17	7.82-18	4.23-18	3.02-19	1.73-19	1.03-20	3.25-22	3.74-23
816	.46	3369.	8.63-17	2.33-17	1.15-17	6.29-18	4.62-19	2.66-19	1.60-20	5.08-22	5.85-23
9717A	.84	4837.	2.09-16	4.85-17	2.29-17	1.21-17	8.25-19	4.70-19	2.75-20	7.52-22	9.82-23
9717B	.36	3225.	1.67-17	4.60-18	2.29-18	1.26-18	9.36-20	5.39-20	3.27-21	1.04-22	1.19-23
817	.55	3556.	6.38-17	1.67-17	8.22-18	4.47-18	3.24-19	1.86-19	1.12-20	3.52-22	4.05-23

TABLE 1—Continued

NAME	RA (1950)			DEC (1950)		PARALLAX		SPEC CLASS		ABS MAG	ABS MAG	NOTES	MIRC
	H	M	S	DEG	ARC MIN	ARC SEC							
818	21	2	51	6	52.5	.050	7	DK6		6.77	6.77		
9719A	21	4	11	-73	22.2	.046	9	G3	IV	3.98J	3.98		
9719C	21	4	11	-73	22.2	.046	9			11.81	11.81		
819A	21	4	24	-14	7.3	.068	7	K1	V	6.26J	6.29		
819B	21	4	24	-14	7.3	.068	7	M0		10.36	10.36		
820A	21	4	40	38	30.0	.296	4	K5	V	7.58	7.58	AB	IRC +40469
820B	21	4	40	38	30.0	.296	4	K7	V	8.39	8.39		IRC +40469
9720	21	5	42	-21	23.7	.044	10	A0	V	3.52	3.52		
9721A	21	6	11	-4	38.1	.043	5	DK8		7.62	7.62		
9721B	21	6	11	-4	38.1	.043	5			11.57	11.57		
821	21	6	30	-13	28.7	.093	7	M3		10.54	10.54		
9722	21	6	44	59	32.0	.042	10	SDM1		11.12	11.12	SB	
9723	21	7	1	46	57.3	.040	13	K3		8.11	8.11		
9724	21	8	30	-43	47.8	.041	6	M1		11.06P	9.69		
9725	21	8	34	80	35.3	.041	11	K5		9.86P	8.82		
9726	21	9	1	-40	28.2	.040	7	F7	V	3.84	3.84		
822A	21	12	3	9	48.1	.057	4	F8	V	3.27J	3.97	SB	
822B	21	12	3	9	48.1	.057	4	F8	V	4.08	4.08		
9728A	21	12	48	37	49.9	.050	4	F0	IV	2.21J	2.30	IRC	+40475
9728B	21	12	48	37	49.9	.050	4			4.93	4.93	IRC	+40475
9728C	21	12	48	37	48.4	.050	4	M3		10.49	10.49	IRC	+40475
823	21	13	57	62	37.6	.066	18	G5		8.10	8.10		
824	21	14	5	9	11.1	.068	5	DK8		7.10	7.10		
825	21	14	20	-39	3.6	.260	8	M0	V	8.75	8.75		
9729	21	14	47	-61	33.4	.047	8	G5	V	4.96	4.96		
9730	21	15	11	-43	32.6	.046	11	G5	V	5.05	5.05		
9731	21	15	28	-0	2.8	.046	4	DK6		6.54	6.54		
9733A	21	16	19	-53	39.5	.041	10	A5	V	2.45J	2.54		
9733B	21	16	18	-53	39.5	.041	10			5.16	5.16		
9734A	21	16	52	-26	33.4	.054	6	G5	V	5.21J	5.28	SB	
9734B	21	16	52	-26	33.4	.054	6	K4		8.16	8.16		
9735	21	17	23	-51	15.3	.044	11	G5		9.52P	8.97		
826	21	17	23	62	22.4	.064	6	A7	V	1.48	1.48	IRC	+60310
9736	21	17	25	-20	3.3	.049	8	DK6		7.61	7.61		
827	21	22	20	-65	35.5	.116	8	F6	V	4.54	4.54		
9738	21	23	18	-56	20.7	.047	7	K3	V	7.00	7.00		
828	21	23	45	-45	1.7	.068	11	K0	V	6.64	6.64		
9739	21	24	11	3	31.2	.052	11	DM1		9.15	9.15		
9740	21	24	38	-7	3.4	.053	9	M0		9.70	9.70		
9742	21	25	45	10	23.5	.051	10	K0		7.44	7.44		
9743	21	26	43	73	25.9	.042	4	WDA		11.15	11.15		
829	21	27	13	17	25.0	.154	5	DM4		11.34	11.34		
830	21	27	16	-12	43.5	.061	7	M0	V	8.03	8.03		
831	21	28	34	-10	.6	.134	7	DM4E		12.59	12.59		
832	21	30	14	-49	13.2	.214	7	M1	V	10.33	10.33		
833	21	33	16	-51	4.1	.074	8	K2	V	6.49	6.49		
834A	21	34	37	39	14.0	.076	5	DM0	MS	9.40J	9.55		
834B	21	34	37	39	14.0	.076	5			11.60	11.60		
835	21	35	45	27	29.9	.071	5	DM0		9.11J	9.25	AB	
9744	21	36	0	-77	36.8	.051	9	K0	III	2.29	2.29	SB AB	
836	21	36	6	-24	22.5	.075	7	M5		13.98P	12.48		
9745	21	36	15	-27	31.9	.045	7	G4	V	5.01	5.01		
9747	21	38	47	53	46.5	.044	13	M4		14.52P	13.07		
9748	21	39	2	-41	21.0	.052	12	K5	V	7.40	7.40		
9749	21	39	25	-12	23.0	.046	8	M2		12.61P	11.20		
9750A	21	41	54	28	31.0	.046	5	F6	V	2.82J	3.11		
9750B	21	41	54	28	31.0	.046	5	DF3		4.41	4.41		
9751	21	42	7	14	32.5	.066	7	DG0		5.10	5.10		
9752	21	42	30	41	22.0	.051	10	DK6		8.17	8.17		
9753A	21	43	2	-57	55.3	.052	7	K7	V	7.33J	7.92	MS	
9753B	21	43	2	-57	55.3	.052	7			8.28	8.28		
9754	21	44	55	-40	29.0	.043	7	K5	V	6.80	6.80		
838	21	45	1	-47	31.9	.073	7	G2	V	4.91	4.91		
9756A	21	46	40	5	29.4	.045	7	K3	V	6.92	6.92		
9756B	21	47	4	5	25.0	.045	7	M		13.07	13.07		

TABLE 1—Continued

NAME	RADIUS SUN=1	TEMP K	F2.2	F3.4	F4.2	F5.0	F10.2	F11.8	F24.4	F58.6	F101.
WATTS/CM ² /MICRON											
818	.78	4410.	1.66-16	3.97-17	1.89-17	1.01-17	6.98-19	3.99-19	2.35-20	7.35-22	8.42-23
9719A	1.41	5794.	7.40-16	1.63-16	7.57-17	3.97-17	2.62-18	1.49-18	8.61-20	2.67-21	3.05-22
9719C	.35	3215.	1.46-17	4.03-18	2.01-18	1.10-18	8.21-20	4.73-20	2.87-21	9.11-23	1.05-23
819A	.82	4708.	3.83-16	8.98-17	4.25-17	2.26-17	1.54-18	8.79-19	5.15-20	1.61-21	1.84-22
819B	.48	3402.	6.62-17	1.77-17	8.77-18	4.79-18	3.51-19	2.02-19	1.22-20	3.85-22	4.43-23
820A	.72	4080.	4.23-15	1.05-15	5.03-16	2.70-16	1.90-17	1.09-17	6.43-19	2.02-20	2.32-21
820B	.67	3893.	3.36-15	8.47-16	4.10-16	2.21-16	1.57-17	8.99-18	5.35-19	1.68-20	1.93-21
9720	1.10	6550.	5.06-16	1.08-16	4.98-17	2.59-17	1.68-18	9.55-19	5.49-20	1.69-21	1.93-22
9721A	.72	4070.	8.82-17	2.18-17	1.05-17	5.64-18	3.96-19	2.27-19	1.34-20	4.22-22	4.84-23
9721B	.37	3241.	1.43-17	3.94-18	1.96-18	1.08-18	8.01-20	4.61-20	2.79-21	8.86-23	1.02-23
821	.46	3374.	1.13-16	3.04-17	1.50-17	8.21-18	6.03-19	3.47-19	2.09-20	6.62-22	7.62-23
9722	.23	3724.	7.09-18	1.82-18	8.88-19	4.81-19	3.44-20	1.98-20	1.18-21	3.72-23	4.27-24
9723	.69	3955.	6.55-17	1.64-17	7.93-18	4.27-18	3.02-19	1.73-19	1.03-20	3.23-22	3.70-23
9724	.55	3547.	3.48-17	9.15-18	4.49-18	2.44-18	1.77-19	1.02-19	6.11-21	1.93-22	2.22-23
9725	.65	3800.	5.71-17	1.45-17	7.07-18	3.82-18	2.72-19	1.56-19	9.31-21	2.93-22	3.37-23
9726	1.07	6353.	3.78-16	8.15-17	3.75-17	1.96-17	1.28-18	7.24-19	4.17-20	1.29-21	1.47-22
822A	1.06	6272.	7.35-16	1.59-16	7.33-17	3.83-17	2.50-18	1.42-18	8.16-20	2.52-21	2.88-22
822B	1.05	6204.	7.11-16	1.54-16	7.11-17	3.71-17	2.43-18	1.38-18	7.94-20	2.46-21	2.81-22
9728A	1.58	7244.	1.58-15	3.31-16	1.51-16	7.83-17	5.03-18	2.85-18	1.63-19	5.01-21	5.72-22
9728B	.96	5677.	3.96-16	8.78-17	4.08-17	2.14-17	1.42-18	8.06-19	4.67-20	1.45-21	1.65-22
9728C	.46	3381.	3.34-17	8.99-18	4.45-18	2.43-18	1.78-19	1.03-19	6.19-21	1.96-22	2.25-23
823	.69	3957.	1.79-16	4.48-17	2.16-17	1.16-17	8.23-19	4.72-19	2.80-20	8.80-22	1.01-22
824	.76	4238.	2.65-16	6.45-17	3.09-17	1.65-17	1.15-18	6.58-19	3.89-20	1.22-21	1.40-22
825	.66	3816.	2.36-15	5.99-16	2.91-16	1.57-16	1.12-17	6.42-18	3.82-19	1.20-20	1.38-21
9729	.96	5654.	3.45-16	7.65-17	3.56-17	1.87-17	1.24-18	7.03-19	4.07-20	1.26-21	1.44-22
9730	.95	5585.	3.15-16	7.02-17	3.27-17	1.72-17	1.14-18	6.48-19	3.75-20	1.16-21	1.33-22
9731	.80	4546.	1.56-16	3.70-17	1.76-17	9.35-18	6.42-19	3.67-19	2.15-20	6.73-22	7.71-23
9733A	1.33	7565.	7.99-16	1.66-16	7.55-17	3.91-17	2.50-18	1.41-18	8.07-20	2.48-21	2.83-22
9733B	.93	5500.	2.37-16	5.30-17	2.47-17	1.30-17	8.63-19	4.91-19	2.85-20	8.83-22	1.01-22
9734A	.92	5407.	3.85-16	8.66-17	4.04-17	2.13-17	1.42-18	8.07-19	4.69-20	1.46-21	1.66-22
9734B	.68	3943.	1.18-16	2.95-17	1.43-17	7.69-18	5.44-19	3.12-19	1.85-20	5.82-22	6.68-23
9735	.63	3766.	6.15-17	1.57-17	7.64-18	4.13-18	2.95-19	1.69-19	1.01-20	3.18-22	3.66-23
826	2.01	9142.	5.81-15	1.17-15	5.27-16	2.71-16	1.70-17	9.59-18	5.43-19	1.66-20	1.90-21
9736	.72	4073.	1.15-16	2.84-17	1.37-17	7.34-18	5.16-19	2.95-19	1.75-20	5.49-22	6.30-23
827	1.02	5930.	2.55-15	5.60-16	2.59-16	1.36-16	8.93-18	5.07-18	2.93-19	9.06-21	1.04-21
9738	.76	4285.	1.32-16	3.20-17	1.53-17	8.19-18	5.69-19	3.25-19	1.92-20	6.01-22	6.89-23
828	.79	4486.	3.25-16	7.75-17	3.69-17	1.96-17	1.35-18	7.73-19	4.54-20	1.42-21	1.63-22
9739	.61	3718.	7.76-17	1.99-17	9.72-18	5.26-18	3.77-19	2.16-19	1.29-20	4.07-22	4.68-23
9740	.55	3544.	5.79-17	1.52-17	7.47-18	4.06-18	2.94-19	1.69-19	1.02-20	3.21-22	3.69-23
9742	.73	4117.	1.31-16	3.24-17	1.56-17	8.35-18	5.85-19	3.35-19	1.98-20	6.22-22	7.13-23
9743	.02	15400.	2.88-19	5.46-20	2.41-20	1.22-20	7.41-22	4.16-22	2.32-23	7.06-25	8.03-26
829	.39	3268.	2.06-16	5.65-17	2.81-17	1.54-17	1.14-18	6.57-19	3.98-20	1.26-21	1.45-22
830	.69	3974.	1.56-16	3.90-17	1.88-17	1.01-17	7.15-19	4.10-19	2.43-20	7.64-22	8.77-23
831	.29	3156.	7.97-17	2.22-17	1.11-17	6.13-18	4.58-19	2.64-19	1.61-20	5.10-22	5.88-23
832	.48	3407.	6.66-16	1.78-16	8.81-17	4.81-17	3.53-18	2.03-18	1.22-19	3.87-21	4.45-22
833	.81	4577.	4.12-16	9.76-17	4.63-17	2.47-17	1.69-18	9.66-19	5.67-20	1.77-21	2.03-22
834A	.56	3589.	1.30-16	3.40-17	1.66-17	9.04-18	6.53-19	3.75-19	2.25-20	7.10-22	8.16-23
834B	.37	3237.	4.41-17	1.21-17	6.05-18	3.32-18	2.47-19	1.42-19	8.61-21	2.73-22	3.15-23
835	.60	3688.	1.36-16	3.52-17	1.72-17	9.30-18	6.68-19	3.83-19	2.29-20	7.23-22	8.30-23
9744	7.63	4790.	1.91-14	4.46-15	2.11-15	1.12-15	7.61-17	4.34-17	2.54-18	7.92-20	9.07-21
836	.30	3164.	2.68-17	7.47-18	3.74-18	2.06-18	1.54-19	8.87-20	5.39-21	1.71-22	1.97-23
9745	.95	5616.	3.08-16	6.85-17	3.19-17	1.67-17	1.11-18	6.31-19	3.65-20	1.13-21	1.30-22
9747	.25	3121.	6.38-18	1.79-18	8.98-19	4.95-19	3.72-20	2.14-20	1.30-21	4.14-23	4.78-24
9748	.73	4129.	1.39-16	3.41-17	1.64-17	8.78-18	6.15-19	3.52-19	2.08-20	6.53-22	7.50-23
9749	.40	3286.	1.98-17	5.39-18	2.68-18	1.47-18	1.09-19	6.26-20	3.78-21	1.20-22	1.38-23
9750A	1.15	6803.	6.44-16	1.37-16	6.26-17	3.26-17	2.11-18	1.19-18	6.84-20	2.11-21	2.41-22
9750B	1.03	6019.	4.22-16	9.23-17	4.27-17	2.23-17	1.47-18	8.32-19	4.80-20	1.49-21	1.70-22
9751	.94	5546.	6.33-16	1.41-16	6.57-17	3.45-17	2.30-18	1.31-18	7.57-20	2.35-21	2.69-22
9752	.68	3941.	1.05-16	2.63-17	1.27-17	6.85-18	4.84-19	2.77-19	1.65-20	5.18-22	5.95-23
9753A	.70	4001.	1.18-16	2.93-17	1.41-17	7.60-18	5.36-19	3.07-19	1.82-20	5.72-22	6.56-23
9753B	.68	3916.	1.06-16	2.67-17	1.29-17	6.96-18	4.93-19	2.83-19	1.68-20	5.28-22	6.07-23
9754	.78	4393.	1.21-16	2.90-17	1.38-17	7.39-18	5.11-19	2.92-19	1.72-20	5.38-22	6.17-23
838	.97	5691.	8.52-16	1.89-16	8.77-17	4.60-17	3.05-18	1.73-18	1.00-19	3.11-21	3.55-22
9756A	.77	4327.	1.25-16	3.03-17	1.45-17	7.73-18	5.36-19	3.06-19	1.81-20	5.66-22	6.49-23
9756B	.25	3121.	6.67-18	1.87-18	9.39-19	5.18-19	3.89-20	2.24-20	1.36-21	4.34-23	5.00-24

TABLE 1—*Continued*

NAME	RA (1950)			DEC (1950)		PARALLAX		SPEC CLASS	ABS MAG	ABS MAG	NOTES	MIRC
	H	M	S	DEG	ARCMIN	ARCSEC						
9757	21	47	6	-11	54.9	.043	6	K5	9.07	9.07		
9758	21	48	40	74	45.9	.041	7	K0	6.96	6.96		
9759	21	49	5	0	36.9	.048	10	K1	6.99	6.99		
9760A	21	49	52	42	6.8	.046	6	G5	6.17	6.17		
9760B	21	49	52	42	6.8	.046	6		10.61	10.61		
9761	21	50	34	-13	47.3	.047	9	FO V	3.45	3.45		
839	21	51	55	41	32.8	.041	15	DM2	9.52	9.52		
840	21	52	33	32	5.6	.043	6	DK0	5.95	5.95		
841A	21	53	35	-51	14.3	.069	12	M0	11.59P	10.29		
842	21	55	56	-59	59.4	.079	8	K	9.19	9.19		
9763	21	56	42	-4	19.5	.043	13	M2	14.17P	12.76		
9764	21	57	58	75	20.9	.056	11	DM0	9.34	9.34		
843	21	59	12	-19	43.5	.079	8	M	12.79P	11.32		
844	21	59	24	16	13.3	.071	10	M4	9.87	9.87		
845	21	59	33	-56	59.5	.291	7	K4 V	7.01	7.01		
846	21	59	39	1	9.7	.105	11	DK8	9.28	9.28		
9765	22	3	38	-45	38.0	.055	13	K2 V	7.13	7.13		
848	22	4	41	25	6.0	.075	5	F5 V	3.14	3.14	SB	IRC +30485
9766A	22	4	55	-51	27.7	.048	12	K7	9.91P	8.72		
9767	22	5	5	-47	12.2	.057	9	B5 V	.51	.51		
9768A	22	6	40	-8	9.7	.047	8	M0	12.26P	10.96		
9769	22	6	52	-7	47.3	.047	14	DG9	4.94	4.94		
849	22	7	0	-4	53.1	.112	5	DM3	10.67	10.67		
9770	22	7	13	-32	47.6	.052	11	DF5	3.50	3.50		
9771	22	7	41	5	57.0	.044	5	A2 V	1.74	1.74		
850	22	9	1	36	.7	.050	7	K0 V	5.69	5.69		
851	22	9	5	18	10.6	.061	12	DM2	9.03	9.03		
9772	22	9	53	31	19.2	.046	13	DM0	8.31	8.31		
9773	22	10	6	8	18.7	.043	9	M3	9.87	9.87		
9774	22	11	36	-41	37.1	.046	7	G5 V	4.54	4.54		
9775	22	11	45	-8	58.1	.042	17	DK2	10.12	10.12		
9776	22	12	13	56	52.3	.048	11	K0	8.01	8.01		
852A	22	14	42	-9	3.0	.104	12	DM4E	13.59	13.59		
852B	22	14	42	-9	3.0	.104	12	M7E	14.49	14.49		
9777	22	14	45	12	38.8	.042	6	G2 V	5.17	5.17		
853A	22	15	0	-53	52.0	.082	8	G1 V	4.93	4.93		
853B	22	15	0	-53	52.0	.082	8		9.57	9.57		
854	22	15	8	68	5.3	.047	11	K6	7.36	7.36		
9779	22	19	4	-1	38.4	.042	5	A0 V	1.97	1.97	SB	
855	22	20	13	-57	28.5	.057	7	K	9.51	9.51		
856A	22	21	12	32	12.5	.049	5	DM0E	9.20J	9.82		
856B	22	21	12	32	12.5	.049	5		10.10	10.10		
857	22	21	38	-58	2.8	.057	8	G4 V	4.10	4.10		
9781A	22	22	24	22	17.9	.048	7	DK7	7.23J	7.26		
9781B	22	22	24	22	17.9	.048	7		11.01	11.01		
859A	22	23	52	-16	59.8	.059	10	DG2	5.15	5.15		
859B	22	23	51	-16	59.8	.059	10	DG1	5.35	5.35		
9782A	22	24	5	4	8.2	.040	5	DF5	3.76	3.76		
9782B	22	24	5	4	8.2	.040	5	K4	9.71	9.71		
9783A	22	25	39	11	59.5	.041	13	K0	5.14	5.14		
9783B	22	25	39	11	59.5	.041	13		8.36	8.36		
860A	22	26	13	57	26.7	.253	3	DM4	11.87	11.87		
860B	22	26	13	57	26.7	.253	3	DM4E	13.32V	13.32	UV	
861	22	26	16	5	34.0	.057	11	SDK6	12.97	12.97	SB	
9784	22	26	21	18	40.5	.044	5	DM0	8.72	8.72		
862	22	26	25	-30	15.7	.076	8	K5 V	7.08	7.08		
9786	22	28	41	-6	48.5	.046	7	F8	4.46	4.46		
863	22	30	31	9	7.1	.054	10	M0	9.03	9.03		
9787	22	30	38	-35	42.0	.044	7	G8 V	6.01	6.01		
9788A	22	30	52	53	32.0	.045	6	DM1	8.34J	8.99		
9788B	22	30	52	53	32.0	.045	6		9.27	9.27		
9788C	22	30	52	53	32.1	.045	6		12.27	12.27		
9789	22	31	58	-20	57.9	.045	10	F3 V	3.44	3.44		
9790	22	32	57	-54	52.0	.045	8	G5 V	5.85	5.85		
864	22	33	35	-1	5.5	.066	7	DM1	9.12	9.12		

TABLE 1—Continued

NAME	RADIUS SUN=1	TEMP K	F2.2	F3.4	F4.2	F5.0	F10.2	F11.8	F24.4	F58.6	F101.
WATTS/CM2/MICRON											
9757	.62	3740.	5.55-17	1.42-17	6.94-18	3.75-18	2.69-19	1.54-19	9.20-21	2.90-22	3.33-23
9758	.77	4306.	1.02-16	2.47-17	1.18-17	6.32-18	4.39-19	2.51-19	1.48-20	4.63-22	5.31-23
9759	.76	4291.	1.38-16	3.35-17	1.60-17	8.57-18	5.96-19	3.40-19	2.01-20	6.29-22	7.21-23
9760A	.83	4784.	1.85-16	4.31-17	2.04-17	1.08-17	7.36-19	4.19-19	2.46-20	7.66-22	8.77-23
9760B	.45	3364.	2.66-17	7.18-18	3.55-18	1.94-18	1.43-19	8.22-20	4.96-21	1.57-22	1.81-23
9761	1.11	6597.	5.91-16	1.26-16	5.80-17	3.02-17	1.96-18	1.11-18	6.38-20	1.97-21	2.25-22
839	.57	3600.	3.86-17	1.01-17	4.93-18	2.68-18	1.94-19	1.11-19	6.66-21	2.10-22	2.42-23
840	.85	4932.	1.79-16	4.13-17	1.94-17	1.03-17	6.97-19	3.97-19	2.32-20	7.22-22	8.27-23
841A	.48	3414.	7.07-17	1.89-17	9.34-18	5.10-18	3.73-19	2.15-19	1.29-20	4.09-22	4.71-23
842	.61	3706.	1.75-16	4.50-17	2.20-17	1.19-17	8.53-19	4.90-19	2.93-20	9.22-22	1.06-22
9763	.27	3143.	7.35-18	2.05-18	1.03-18	5.67-19	4.24-20	2.45-20	1.49-21	4.73-23	5.45-24
9764	.59	3659.	8.04-17	2.08-17	1.02-17	5.51-18	3.97-19	2.28-19	1.36-20	4.30-22	4.94-23
843	.39	3271.	5.48-17	1.50-17	7.46-18	4.09-18	3.03-19	1.75-19	1.06-20	3.35-22	3.86-23
844	.53	3497.	9.40-17	2.49-17	1.22-17	6.66-18	4.85-19	2.79-19	1.67-20	5.29-22	6.08-23
845	.76	4280.	5.04-15	1.22-15	5.85-16	3.13-16	2.17-17	1.24-17	7.33-19	2.30-20	2.63-21
846	.60	3678.	2.93-16	7.57-17	3.69-17	2.00-17	1.44-18	8.26-19	4.94-20	1.56-21	1.79-22
9765	.75	4225.	1.71-16	4.17-17	2.00-17	1.07-17	7.46-19	4.27-19	2.52-20	7.90-22	9.06-23
848	1.15	6779.	1.69-15	3.60-16	1.65-16	8.58-17	5.55-18	3.15-18	1.80-19	5.56-21	6.35-22
9766A	.66	3823.	8.11-17	2.06-17	1.00-17	5.40-18	3.85-19	2.21-19	1.31-20	4.14-22	4.75-23
9767	2.56	10449.	9.05-15	1.79-15	8.00-16	4.09-16	2.54-17	1.43-17	8.08-19	2.47-20	2.81-21
9768A	.42	3316.	2.33-17	6.32-18	3.14-18	1.72-18	1.27-19	7.29-20	4.41-21	1.40-22	1.61-23
9769	.96	5669.	3.48-16	7.72-17	3.59-17	1.88-17	1.25-18	7.09-19	4.11-20	1.27-21	1.46-22
849	.45	3355.	1.53-16	4.13-17	2.05-17	1.12-17	8.23-19	4.74-19	2.86-20	9.05-22	1.04-22
9770	1.10	6561.	7.11-16	1.52-16	6.99-17	3.64-17	2.37-18	1.34-18	7.70-20	2.38-21	2.71-22
9771	1.87	8823.	2.27-15	4.59-16	2.07-16	1.06-16	6.70-18	3.78-18	2.15-19	6.58-21	7.50-22
850	.87	5112.	2.70-16	6.17-17	2.90-17	1.53-17	1.03-18	5.86-19	3.42-20	1.06-21	1.22-22
851	.63	3751.	1.14-16	2.93-17	1.43-17	7.71-18	5.51-19	3.16-19	1.89-20	5.95-22	6.83-23
9772	.68	3910.	8.26-17	2.08-17	1.01-17	5.42-18	3.84-19	2.20-19	1.31-20	4.11-22	4.72-23
9773	.53	3497.	3.45-17	9.12-18	4.49-18	2.44-18	1.78-19	1.02-19	6.14-21	1.94-22	2.23-23
9774	1.02	5930.	4.01-16	8.80-17	4.07-17	2.13-17	1.40-18	7.97-19	4.60-20	1.43-21	1.63-22
9775	.50	3444.	2.87-17	7.64-18	3.77-18	2.06-18	1.50-19	8.63-20	5.19-21	1.64-22	1.89-23
9776	.69	3979.	9.72-17	2.43-17	1.17-17	6.31-18	4.45-19	2.55-19	1.51-20	4.75-22	5.46-23
852A	.22	3084.	2.66-17	7.53-18	3.78-18	2.09-18	1.57-19	9.07-20	5.52-21	1.76-22	2.03-23
852B	.17	3016.	1.56-17	4.47-18	2.26-18	1.25-18	9.46-20	5.47-20	3.34-21	1.06-22	1.23-23
9777	.93	5493.	2.47-16	5.53-17	2.58-17	1.36-17	9.02-19	5.13-19	2.98-20	9.23-22	1.06-22
853A	.96	5677.	1.06-15	2.36-16	1.10-16	5.76-17	3.81-18	2.17-18	1.25-19	3.89-21	4.45-22
853B	.56	3584.	1.50-16	3.92-17	1.92-17	1.04-17	7.54-19	4.33-19	2.60-20	8.20-22	9.42-23
854	.74	4141.	1.15-16	2.82-17	1.35-17	7.26-18	5.08-19	2.91-19	1.72-20	5.40-22	6.19-23
9779	1.75	8535.	1.73-15	3.53-16	1.59-16	8.21-17	5.19-18	2.93-18	1.66-19	5.10-21	5.82-22
855	.57	3603.	7.51-17	1.96-17	9.59-18	5.21-18	3.76-19	2.16-19	1.29-20	4.08-22	4.69-23
856A	.53	3509.	4.60-17	1.21-17	5.97-18	3.25-18	2.36-19	1.36-19	8.16-21	2.58-22	2.97-23
856B	.50	3448.	3.94-17	1.05-17	5.18-18	2.83-18	2.06-19	1.19-19	7.14-21	2.26-22	2.60-23
857	1.05	6192.	7.07-16	1.53-16	7.08-17	3.70-17	2.42-18	1.37-18	7.91-20	2.44-21	2.79-22
9781A	.74	4173.	1.24-16	3.03-17	1.46-17	7.80-18	5.45-19	3.12-19	1.84-20	5.78-22	6.63-23
9781B	.42	3310.	2.37-17	6.44-18	3.19-18	1.75-18	1.29-19	7.44-20	4.49-21	1.42-22	1.64-23
859A	.94	5508.	4.93-16	1.10-16	5.13-17	2.70-17	1.80-18	1.02-18	5.92-20	1.84-21	2.10-22
859B	.91	5358.	4.45-16	1.00-16	4.68-17	2.46-17	1.65-18	9.37-19	5.44-20	1.69-21	1.93-22
9782A	1.08	6408.	3.88-16	8.36-17	3.85-17	2.01-17	1.31-18	7.41-19	4.26-20	1.32-21	1.50-22
9782B	.54	3541.	3.28-17	8.61-18	4.23-18	2.30-18	1.67-19	9.59-20	5.75-21	1.82-22	2.09-23
9783A	.94	5516.	2.39-16	5.35-17	2.49-17	1.31-17	8.71-19	4.95-19	2.87-20	8.91-22	1.02-22
9783B	.68	3899.	6.49-17	1.63-17	7.91-18	4.27-18	3.02-19	1.73-19	1.03-20	3.24-22	3.72-23
860A	.35	3210.	4.29-16	1.18-16	5.91-17	3.25-17	2.42-18	1.39-18	8.45-20	2.68-21	3.09-22
860B	.24	3103.	1.83-16	5.16-17	2.59-17	1.43-17	1.07-18	6.20-19	3.77-20	1.20-21	1.38-22
861	.09	3802.	1.98-18	5.04-19	2.45-19	1.32-19	9.44-21	5.41-21	3.23-22	1.02-23	1.17-24
9784	.66	3823.	6.82-17	1.73-17	8.41-18	4.54-18	3.23-19	1.85-19	1.10-20	3.48-22	3.99-23
862	.76	4247.	3.34-16	8.11-17	3.89-17	2.08-17	1.45-18	8.28-19	4.89-20	1.53-21	1.76-22
9786	.86	6252.	3.10-16	6.72-17	3.10-17	1.62-17	1.06-18	5.99-19	3.45-20	1.07-21	1.22-22
863	.63	3751.	8.96-17	2.29-17	1.12-17	6.04-18	4.32-19	2.48-19	1.48-20	4.66-22	5.35-23
9787	.85	4891.	1.82-16	4.22-17	1.99-17	1.05-17	7.14-19	4.07-19	2.38-20	7.41-22	8.48-23
9788A	.63	3761.	6.36-17	1.63-17	7.92-18	4.28-18	3.06-19	1.76-19	1.05-20	3.30-22	3.79-23
9788B	.60	3681.	5.41-17	1.40-17	6.82-18	3.70-18	2.66-19	1.52-19	9.12-21	2.87-22	3.30-23
9788C	.32	3179.	1.10-17	3.06-18	1.53-18	8.42-19	6.28-20	3.62-20	2.20-21	6.98-23	8.04-24
9789	1.11	6605.	5.43-16	1.16-16	5.33-17	2.78-17	1.80-18	1.02-18	5.87-20	1.81-21	2.07-22
9790	.86	5000.	2.04-16	4.70-17	2.21-17	1.17-17	7.90-19	4.50-19	2.62-20	8.17-22	9.35-23
864	.62	3727.	1.27-16	3.27-17	1.59-17	8.61-18	6.17-19	3.54-19	2.11-20	6.66-22	7.65-23

TABLE 1—Continued

NAME	RA (1950)			DEC (1950)		PARALLAX		SPEC CLASS	ABS MAG	ABS MAG	NOTES	MIRC
	H	M	S	DEG	ARC MIN	ARC SEC						
865	22	34	57	-65	38.1	.087	8	K	12.60P	11.09		
866	22	35	45	-15	35.5	.305	9	DM6E	14.60	14.60		
867A	22	36	1	-20	52.8	.109	11	DM2E	9.29	9.29	SB	
867E	22	36	1	-20	52.8	.109	11	DM4E	11.64V	11.64	UV	
9792A	22	36	55	-12	52.4	.047	8	DKO	6.16J	6.92		
9792B	22	36	55	-12	52.4	.047	8	DKO	6.91	6.91		
9792C	22	37	2	-12	50.8	.047	8		13.01	13.01		
868	22	37	55	-29	56.0	.070	11	K5	7.05	7.05		
869	22	38	6	-32	15.1	.061	12	G8	6.32	6.32		
870	22	38	18	42	45.1	.039		DK8	7.77	7.77		
9793	22	38	49	18	32.6	.044	S	DMO	8.52	8.52		
871A	22	39	39	-47	28.0	.066	17	G1	5.08J	5.09		
871B	22	39	39	-47	28.0	.066	17	M1	10.20	10.20		
9794	22	44	11	49	56.8	.047	11	KO	6.36	6.36		
872A	22	44	12	11	55.0	.048	7	F7	2.60	2.60		IRC +10522
872B	22	44	12	11	55.0	.048	7	DM1	10.01	10.01		IRC +10522
873	22	44	40	44	4.6	.195	3	DM5E	11.45V	11.45	UV D	
9795	22	44	46	18	7.1	.046	S	DK8	7.31	7.31		
9796	22	45	33	-51	34.8	.044	11	A2	1.70	1.70		
9797	22	47	20	-41	45.0	.044	8	G5	6.00	6.00		
875	22	47	43	-7	21.4	.064	12	DM1	9.23	9.23		
9798	22	48	56	13	42.0	.043	9	DK4	6.49	6.49		
9799	22	49	30	31	29.4	.044	12	DM3E	9.42	9.42		
9800A	22	49	45	-33	8.5	.043	11	AO	2.63J	2.66		
9800B	22	49	45	-33	8.5	.043	11		6.67	6.67		
9801A	22	49	52	9	34.0	.041	7	F7	3.23	3.23		
9801B	22	49	58	9	38.0	.041	7	M4	11.58	11.58		
876	22	50	35	-14	31.2	.209	5	DM5	11.73	11.73		
9802	22	50	41	-48	51.8	.043	11	G3	4.20	4.20		
877	22	52	12	-75	42.6	.122	8	K	12.13	12.13		
878	22	52	25	60	43.4	.072	11	M4	13.49P	12.04		
9803A	22	53	12	-8	5.3	.048	7	G6	6.42	6.42		
9803B	22	53	12	-8	6.1	.022		WDAF	14.91	14.91		
879	22	53	37	-31	49.8	.128	8	K5	7.03	7.03		
880	22	54	10	16	17.4	.146	4	DM2	9.49	9.49	SB	
9804A	22	54	42	27	44.1	.040	S	DMOP	7.94	7.94		
9804B	22	54	42	27	44.1	.040	S		12.30	12.30		
881	22	54	54	-29	53.3	.149	8	A3	2.03	2.03		IRC -30458
882	22	55	0	20	30.0	.073	6	G4	4.82	4.82		
883	22	57	16	-11	38.9	.055	S	DM2	9.50	9.50		
884	22	57	38	-22	47.5	.130	6	DM1	8.46	8.46		
885A	22	57	45	-26	34.6	.063	S	DMO	8.50	8.50	SB	
886	22	59	15	-4	6.8	.058	7	K4	6.22	6.22	SB	
9805	23	0	1	5	23.5	.042	S	DMO	9.42	9.42		
9806A	23	0	18	42	29.2	.052	7	AO	3.67J	3.71	SB	
9806B	23	0	18	42	29.2	.052	7		7.38	7.38		
9807	23	0	44	-35	1.2	.050	10	FO	3.59	3.59	SB	
887	23	2	39	-36	8.5	.279	16	M2	9.59	9.59		
9808	23	3	8	68	8.7	.040	11	G6	5.50	5.50		
888A	23	3	43	42	3.6	.027		DMO	8.56J	9.00		
888B	23	3	43	42	3.6	.027			9.76	9.76		
9809	23	4	1	63	38.6	.045	S	DMO	9.14	9.14		
889	23	4	26	-23	25.5	.053	S	DMO	8.30	8.30		
9810	23	5	32	3	3.3	.068	12	DMO	10.06	10.06		
890	23	5	41	-15	40.8	.050	S	DMO	9.09	9.09		
9811A	23	7	11	-43	7.8	.040	8	F6	3.82	3.82		
9811B	23	7	11	-43	7.8	.040	8		7.21	7.21		
9812A	23	7	15	-22	43.6	.040	10	G2	2.69J	3.30		IRC -20630
9812B	23	7	15	-22	43.6	.040	10	A2	3.61	3.61		IRC -20630
9813	23	10	15	49	8.0	.046	5	FO	2.84	2.84	SB	
892	23	10	52	56	53.5	.147	4	K3	6.41	6.41		
9815A	23	13	16	-9	21.5	.047	7	KO	2.58	2.58		IRC -10596
9815B	23	13	14	-9	21.0	.047	7	DK6	7.54J	7.82		IRC -10596
9815C	23	13	14	-9	21.0	.047	7		9.16	9.16		IRC -10596
9817	23	14	11	19	21.0	.048	S	DMO	9.61	9.61		

TABLE I—Continued

NAME	RADIUS SUN=1	TEMP K	F2.2	F3.4	F4.2	F5.0	F10.2	F11.8	F24.4	F58.6	F101.
WATTS/CM2/MICRON											
865	.41	3300.	7.47-17	2.03-17	1.01-17	5.54-18	4.09-19	2.35-19	1.42-20	4.51-22	5.19-23
866	.17	3006.	1.25-16	3.59-17	1.81-17	1.00-17	7.61-19	4.40-19	2.68-20	8.56-22	9.86-23
867A	.59	3675.	3.14-16	8.11-17	3.96-17	2.15-17	1.54-18	8.85-19	5.29-20	1.67-21	1.92-22
867B	.37	3233.	8.90-17	2.45-17	1.22-17	6.71-18	4.98-19	2.87-19	1.74-20	5.52-22	6.35-23
9792A	.77	4327.	1.37-16	3.30-17	1.58-17	8.43-18	5.85-19	3.34-19	1.97-20	6.17-22	7.08-23
9792B	.77	4333.	1.37-16	3.32-17	1.58-17	8.47-18	5.87-19	3.35-19	1.98-20	6.19-22	7.10-23
9792C	.26	3125.	7.53-18	2.11-18	1.06-18	5.84-19	4.38-20	2.53-20	1.54-21	4.88-23	5.63-24
868	.76	4261.	2.87-16	6.96-17	3.33-17	1.78-17	1.24-18	7.09-19	4.19-20	1.31-21	1.50-22
869	.82	4685.	3.03-16	7.12-17	3.37-17	1.79-17	1.22-18	6.98-19	4.09-20	1.28-21	1.46-22
870	.71	4035.	6.92-17	1.72-17	8.28-18	4.45-18	3.13-19	1.79-19	1.06-20	3.34-22	3.83-23
9793	.67	3865.	7.21-17	1.82-17	8.83-18	4.76-18	3.38-19	1.94-19	1.15-20	3.63-22	4.17-23
871A	.94	5554.	6.36-16	1.42-16	6.61-17	3.47-17	2.31-18	1.31-18	7.60-20	2.36-21	2.70-22
871B	.49	3430.	6.78-17	1.81-17	8.94-18	4.88-18	3.57-19	2.05-19	1.23-20	3.91-22	4.50-23
9794	.82	4660.	1.77-16	4.16-17	1.97-17	1.05-17	7.16-19	4.09-19	2.40-20	7.48-22	8.57-23
872A	1.32	7497.	1.06-15	2.21-16	1.01-16	5.21-17	3.33-18	1.88-18	1.08-19	3.31-21	3.77-22
872B	.51	3465.	3.97-17	1.06-17	5.20-18	2.84-18	2.07-19	1.19-19	7.15-21	2.26-22	2.60-23
873	.38	3255.	3.13-16	8.59-17	4.27-17	2.35-17	1.74-18	1.00-18	6.07-20	1.92-21	2.22-22
9795	.74	4157.	1.12-16	2.74-17	1.32-17	7.06-18	4.94-19	2.83-19	1.67-20	5.24-22	6.01-23
9796	1.89	8873.	2.34-15	4.72-16	2.13-16	1.10-16	6.90-18	3.89-18	2.21-19	6.77-21	7.71-22
9797	.85	4898.	1.83-16	4.23-17	2.00-17	1.06-17	7.17-19	4.08-19	2.39-20	7.43-22	8.51-23
875	.60	3694.	1.12-16	2.89-17	1.41-17	7.64-18	5.49-19	3.15-19	1.88-20	5.93-22	6.82-23
9798	.81	4577.	1.39-16	3.30-17	1.57-17	8.33-18	5.72-19	3.26-19	1.92-20	5.98-22	6.86-23
9799	.58	3633.	4.73-17	1.23-17	6.01-18	3.26-18	2.35-19	1.35-19	8.07-21	2.55-22	2.93-23
9800A	1.31	7430.	8.25-16	1.72-16	7.84-17	4.06-17	2.60-18	1.47-18	8.40-20	2.59-21	2.95-22
9800B	.79	4468.	1.28-16	3.06-17	1.46-17	7.77-18	5.35-19	3.06-19	1.80-20	5.62-22	6.44-23
9801A	1.42	6353.	6.97-16	1.50-16	6.92-17	3.61-17	2.35-18	1.33-18	7.68-20	2.37-21	2.71-22
9801E	.37	3239.	1.30-17	3.57-18	1.78-18	9.76-19	7.24-20	4.17-20	2.53-21	8.02-23	9.24-24
876	.36	3223.	3.13-16	8.63-17	4.30-17	2.36-17	1.76-18	1.01-18	6.14-20	1.95-21	2.24-22
9802	1.27	5794.	5.29-16	1.17-16	5.41-17	2.83-17	1.87-18	1.06-18	6.15-20	1.90-21	2.18-22
877	.33	3189.	8.77-17	2.43-17	1.22-17	6.69-18	4.99-19	2.87-19	1.74-20	5.54-22	6.38-23
878	.34	3196.	3.20-17	8.87-18	4.43-18	2.44-18	1.81-19	1.05-19	6.34-21	2.01-22	2.32-23
9803A	.81	4621.	1.79-16	4.23-17	2.01-17	1.07-17	7.31-19	4.17-19	2.45-20	7.64-22	8.75-23
9803B	.01	7400.	2.43-20	5.07-21	2.31-21	1.20-21	7.66-23	4.34-23	2.48-24	7.62-26	8.70-27
879	.76	4270.	9.66-16	2.35-16	1.12-16	6.01-17	4.18-18	2.39-18	1.41-19	4.41-21	5.06-22
880	.57	3610.	4.99-16	1.30-16	6.36-17	3.45-17	2.49-18	1.43-18	8.58-20	2.71-21	3.11-22
9804A	.70	3996.	6.90-17	1.72-17	8.30-18	4.47-18	3.15-19	1.80-19	1.07-20	3.36-22	3.86-23
9804B	.31	3177.	8.55-18	2.38-18	1.19-18	6.54-19	4.88-20	2.81-20	1.71-21	5.42-23	6.25-24
881	1.72	8444.	2.08-14	4.23-15	1.91-15	9.86-16	6.23-17	3.52-17	2.00-18	6.14-20	7.00-21
882	.98	5750.	8.89-16	1.96-16	9.12-17	4.78-17	3.16-18	1.80-18	1.04-19	3.22-21	3.68-22
883	.57	3607.	7.03-17	1.83-17	8.98-18	4.88-18	3.52-19	2.02-19	1.21-20	3.82-22	4.39-23
884	.67	3878.	6.38-16	1.61-16	7.80-17	4.21-17	2.99-18	1.71-18	1.02-19	3.20-21	3.68-22
885A	.67	3869.	1.48-16	3.75-17	1.82-17	9.81-18	6.96-19	3.99-19	2.38-20	7.47-22	8.58-23
886	.83	4751.	2.87-16	6.71-17	3.17-17	1.68-17	1.15-18	6.55-19	3.83-20	1.20-21	1.37-22
9805	.58	3633.	4.31-17	1.12-17	5.47-18	2.97-18	2.14-19	1.23-19	7.36-21	2.32-22	2.67-23
9806A	1.09	6447.	6.68-16	1.44-16	6.61-17	3.44-17	2.24-18	1.27-18	7.31-20	2.26-21	2.58-22
9806B	.74	4135.	1.39-16	3.43-17	1.65-17	8.84-18	6.19-19	3.54-19	2.09-20	6.57-22	7.54-23
9807	.87	7244.	4.81-16	1.01-16	4.60-17	2.39-17	1.53-18	8.67-19	4.96-20	1.53-21	1.74-22
887	.56	3578.	1.71-15	4.48-16	2.20-16	1.19-16	8.64-18	4.96-18	2.98-19	9.39-21	1.08-21
9808	.89	5248.	1.89-16	4.29-17	2.01-17	1.06-17	7.09-19	4.04-19	2.35-20	7.30-22	8.35-23
888A	.63	3759.	2.28-17	5.84-18	2.84-18	1.54-18	1.10-19	6.30-20	3.76-21	1.18-22	1.36-23
888B	.54	3526.	1.45-17	3.82-18	1.88-18	1.02-18	7.41-20	4.26-20	2.56-21	8.08-23	9.29-24
9809	.61	3721.	5.84-17	1.50-17	7.32-18	3.96-18	2.84-19	1.63-19	9.73-21	3.07-22	3.52-23
889	.68	3912.	1.10-16	2.76-17	1.34-17	7.21-18	5.11-19	2.93-19	1.74-20	5.47-22	6.28-23
9810	.51	3456.	7.76-17	2.06-17	1.02-17	5.55-18	4.05-19	2.33-19	1.40-20	4.43-22	5.10-23
890	.62	3735.	7.43-17	1.90-17	9.28-18	5.02-18	3.60-19	2.06-19	1.23-20	3.88-22	4.46-23
9811A	1.08	6367.	3.81-16	8.20-17	3.78-17	1.97-17	1.28-18	7.28-19	4.19-20	1.29-21	1.48-22
9811B	.75	4192.	8.78-17	2.15-17	1.03-17	5.51-18	3.85-19	2.20-19	1.30-20	4.08-22	4.68-23
9812A	1.13	6707.	4.55-16	9.69-17	4.44-17	2.31-17	1.50-18	8.49-19	4.87-20	1.50-21	1.72-22
9812B	.71	9376.	2.96-16	5.93-17	2.67-17	1.37-17	8.58-19	4.84-19	2.74-20	8.39-22	9.56-23
9813	1.24	7178.	8.09-16	1.70-16	7.75-17	4.02-17	2.59-18	1.46-18	8.37-20	2.58-21	2.94-22
892	.81	4628.	1.69-15	3.98-16	1.89-16	1.00-16	6.88-18	3.92-18	2.30-19	7.19-21	8.24-22
9815A	6.68	4790.	1.25-14	2.90-15	1.37-15	7.27-16	4.95-17	2.82-17	1.65-18	5.15-20	5.90-21
9815B	.70	4024.	9.90-17	2.46-17	1.19-17	6.38-18	4.49-19	2.57-19	1.52-20	4.79-22	5.49-23
9815C	.61	3715.	6.30-17	1.62-17	7.90-18	4.28-18	3.07-19	1.76-19	1.05-20	3.31-22	3.81-23
9817	.56	3571.	5.01-17	1.31-17	6.43-18	3.50-18	2.53-19	1.45-19	8.72-21	2.75-22	3.16-23

TABLE 1—Continued

NAME	RA (1950)			DEC (1950)		PARALLAX		SPEC CLASS		ABS MAG	ABS MAG	NOTES	MIRC
	H	M	S	DEG	ARCMIN	ARCSEC							
9818	23	14	31	-58	30.5	.041	9	F1	III	2.05	2.05		
894	23	14	51	-42	27.9	.062	11	K5		9.26	9.26		
9819	23	15	41	-58	34.6	.040	12	G2	V	5.53	5.53		
9820	23	15	56	46	.7	.048	13	M1		9.21	9.21		
9821	23	16	8	-32	48.3	.042	9	G8	III	2.53	2.53	IRC	-30468
9822	23	17	28	28	35.6	.041	10	K1	V	6.92	6.92		
9823	23	19	11	43	49.1	.055	12	K1	V	6.06	6.06		
9824	23	20	27	-11	2.5	.060	6	K2	V	6.69	6.69		
895	23	22	14	57	35.0	.085	10	DM2		9.70	9.70		
9825	23	22	55	-45	53.0	.045	13	MO		11.77P	10.47		
9826	23	23	26	28	55.4	.040	9	K3		8.91	8.91		
9827	23	24	30	-1	33.9	.043	8	DM0		8.52	8.52		
9828	23	26	49	-47	18.5	.049	11	K7	V	8.61	8.61		
9829	23	28	56	-4	21.5	.043	5	DGO		4.67	4.67		
896A	23	29	20	19	39.6	.155	9	DM4E		11.33J	11.50		
896B	23	29	20	19	39.6	.155	9	DM6E		13.45V	13.45	UV	
897A	23	30	9	-17	1.5	.069	13	M5	MS	9.58J	10.50		
897B	23	30	9	-17	1.5	.069	13			10.19	10.19		
898	23	30	12	-17	7.1	.087	11	DK5		8.30	8.30		
9830	23	30	57	42	34.0	.041	7	GO		5.26	5.26		
899	23	31	33	-0	5.1	.080	8	M4		10.62	10.62		
900	23	32	26	1	19.7	.060	13	DM1		8.48	8.48		
9831	23	32	52	-47	13.1	.046	13	G8	V	6.87	6.87		
9832	23	35	6	46	11.2	.044	6	G8	III	2.02V	2.02	SB SR	IRC +50471
902	23	36	41	-72	59.3	.103	12	K3	V	7.16	7.16		
9833	23	37	13	-33	1.0	.043	15	K1	V	5.35	5.35		
903	23	37	17	77	21.2	.065	5	K1	IV	2.27	2.27	IRC	+80057
904	23	37	23	5	21.2	.071	5	F7	V	3.39	3.39	IRC	+10539
9834A	23	38	19	20	5.3	.045	12	K2		6.97	6.97		
9834B	23	38	19	20	5.3	.045	12			9.97	9.97		
905	23	39	27	43	55.1	.318	4	DM6E		14.80	14.80		
9835	23	39	37	-2	51.0	.046	5	DM0		8.60	8.60		
9836A	23	40	8	-14	49.3	.041	9	B9	V	2.54	2.54	SB	
9836B	23	40	8	-14	49.3	.041	9			9.06	9.06		
9837	23	40	20	0	39.0	.052	12	M5		15.08P	13.58		
9838A	23	41	23	32	19.0	.059	6	DM5		10.53	10.53		
9838B	23	41	21	32	16.2	.052	2	WDA		11.75	11.75		
906	23	43	18	35	58.5	.055	10	DM0		8.60	8.60		
907	23	45	30	48	44.0	.077	12	M1		11.53	11.53		
9839	23	45	50	-13	15.8	.043	5	DK8		7.83	7.83		
908	23	46	36	2	8.2	.174	7	M2E	V	10.18	10.18		
9840	23	46	57	35	23.2	.047	5	DK8		7.72	7.72		
9841	23	47	55	30	4.5	.049	5	DK8		7.79	7.79		
9842	23	48	22	19	40.0	.050	12	M5		15.49P	13.99		
9843	23	49	32	77	19.4	.040	11	F5	V	4.58	4.58		
909A	23	49	57	75	15.8	.093	4	K3	V	6.24	6.24	SB	
909B	23	49	57	75	15.8	.093	4	MO		11.64	11.64		
9844	23	50	4	-6	16.2	.045	10	K0		8.17	8.17		
910	23	50	36	28	44.4	.060	11	DM0		8.63	8.63		
911	23	52	12	-22	3.3	.039		DM0		8.56	8.56		
912	23	53	7	-6	24.9	.063	13	M		10.14	10.14		
9845A	23	54	40	-16	47.3	.041	5	DM0		8.82	8.82		
9845B	23	54	41	-16	47.6	.041	5			13.06	13.06		
913	23	56	7	46	27.0	.060	7	DM0		8.51	8.51		
9846	23	57	40	-4	20.3	.040	5	DM0		9.11	9.11		
9847	23	58	52	-17	13.3	.044	5	DM0		9.12	9.12		
9848	23	59	22	25	44.0	.041	12	K3		9.06	9.06		
914A	23	59	33	26	49.0	.084	4	G2	V	5.37	5.37		
914B	23	59	33	26	49.0	.084	4			8.37	8.37		

TABLE 1—Continued

NAME	RADIUS SUN=1	TEMP K	F2.2	F3.4	F4.2	F5.0	F10.2	F11.8	F24.4	F58.6	F101.
WATTS/CM ² /MICRON											
9818	1.80	7079.	1.32-15	2.78-16	1.27-16	6.59-17	4.25-18	2.40-18	1.38-19	4.24-21	4.84-22
894	.60	3684.	1.03-16	2.67-17	1.30-17	7.06-18	5.07-19	2.91-19	1.74-20	5.48-22	6.30-23
9819	.89	5226.	1.86-16	4.23-17	1.98-17	1.04-17	7.00-19	3.98-19	2.32-20	7.21-22	8.25-23
9820	.60	3700.	6.38-17	1.64-17	8.02-18	4.34-18	3.12-19	1.79-19	1.07-20	3.37-22	3.87-23
9821	5.94	4930.	8.28-15	1.91-15	9.00-16	4.77-16	3.23-17	1.84-17	1.07-18	3.35-20	3.83-21
9822	.77	4327.	1.04-16	2.51-17	1.20-17	6.42-18	4.45-19	2.54-19	1.50-20	4.70-22	5.39-23
9823	.84	4857.	2.78-16	6.45-17	3.04-17	1.61-17	1.10-18	6.24-19	3.65-20	1.14-21	1.30-22
9824	.79	4457.	2.47-16	5.91-17	2.81-17	1.50-17	1.03-18	5.91-19	3.48-20	1.09-21	1.25-22
895	.55	3544.	1.49-16	3.91-17	1.92-17	1.04-17	7.57-19	4.35-19	2.61-20	8.25-22	9.48-23
9825	.47	3385.	2.74-17	7.36-18	3.64-18	1.99-18	1.46-19	8.39-20	5.06-21	1.60-22	1.84-23
9826	.64	3780.	5.23-17	1.34-17	6.49-18	3.51-18	2.51-19	1.44-19	8.57-21	2.70-22	3.10-23
9827	.67	3865.	6.88-17	1.74-17	8.43-18	4.55-18	3.23-19	1.85-19	1.10-20	3.47-22	3.98-23
9828	.66	3846.	8.74-17	2.21-17	1.07-17	5.79-18	4.12-19	2.36-19	1.41-20	4.42-22	5.08-23
9829	1.00	5846.	3.30-16	7.27-17	3.37-17	1.77-17	1.16-18	6.61-19	3.82-20	1.18-21	1.35-22
896A	.38	3249.	1.93-16	5.31-17	2.64-17	1.45-17	1.08-18	6.20-19	3.75-20	1.19-21	1.37-22
896E	.23	3094.	6.39-17	1.80-17	9.06-18	5.00-18	3.76-19	2.17-19	1.32-20	4.20-22	4.84-23
897A	.46	3380.	6.35-17	1.71-17	8.44-18	4.62-18	3.39-19	1.95-19	1.17-20	3.72-22	4.28-23
897B	.49	3431.	7.45-17	1.99-17	9.82-18	5.36-18	3.92-19	2.25-19	1.36-20	4.29-22	4.94-23
898	.68	3912.	2.96-16	7.45-17	3.60-17	1.94-17	1.38-18	7.88-19	4.69-20	1.47-21	1.69-22
9830	.92	5425.	2.25-16	5.05-17	2.36-17	1.24-17	8.27-19	4.70-19	2.73-20	8.47-22	9.69-23
899	.45	3362.	8.01-17	2.16-17	1.07-17	5.85-18	4.30-19	2.47-19	1.49-20	4.72-22	5.44-23
900	.67	3874.	1.35-16	3.42-17	1.66-17	8.93-18	6.34-19	3.63-19	2.16-20	6.80-22	7.81-23
9831	.77	4355.	1.34-16	3.23-17	1.54-17	8.23-18	5.70-19	3.26-19	1.92-20	6.01-22	6.89-23
9832	7.51	4930.	1.45-14	3.36-15	1.58-15	8.37-16	5.67-17	3.23-17	1.89-18	5.88-20	6.73-21
902	.75	4212.	5.93-16	1.45-16	6.94-17	3.72-17	2.59-18	1.48-18	8.76-20	2.74-21	3.15-22
9833	.91	5358.	2.36-16	5.32-17	2.49-17	1.31-17	8.75-19	4.98-19	2.89-20	8.98-22	1.03-22
903	8.17	4610.	3.32-14	7.85-15	3.72-15	1.98-15	1.36-16	7.74-17	4.55-18	1.42-19	1.63-20
904	1.12	6646.	1.38-15	2.94-16	1.35-16	7.04-17	4.56-18	2.59-18	1.48-19	4.58-21	5.23-22
9834A	.77	4301.	1.23-16	2.97-17	1.42-17	7.59-18	5.27-19	3.01-19	1.78-20	5.56-22	6.38-23
9834B	.52	3474.	3.57-17	9.47-18	4.66-18	2.54-18	1.85-19	1.07-19	6.40-21	2.02-22	2.33-23
905	.16	2989.	1.20-16	3.45-17	1.74-17	9.66-18	7.34-19	4.24-19	2.59-20	8.26-22	9.53-23
9835	.67	3848.	7.72-17	1.95-17	9.48-18	5.12-18	3.64-19	2.09-19	1.24-20	3.91-22	4.49-23
9836A	1.33	7569.	8.01-16	1.66-16	7.57-17	3.92-17	2.50-18	1.42-18	8.08-20	2.49-21	2.84-22
9836B	.62	3743.	5.08-17	1.30-17	6.34-18	3.43-18	2.45-19	1.41-19	8.40-21	2.65-22	3.04-23
9837	.22	3085.	6.69-18	1.89-18	9.50-19	5.25-19	3.95-20	2.28-20	1.39-21	4.42-23	5.09-24
9838A	.46	3375.	4.56-17	1.23-17	6.07-18	3.32-18	2.44-19	1.40-19	8.46-21	2.68-22	3.08-23
9838B	.01	12500.	2.56-19	4.96-20	2.20-20	1.12-20	6.89-22	3.88-22	2.17-23	6.63-25	7.54-26
906	.67	3848.	1.10-16	2.79-17	1.36-17	7.32-18	5.20-19	2.98-19	1.78-20	5.59-22	6.42-23
907	.37	3245.	4.69-17	1.29-17	6.42-18	3.52-18	2.61-19	1.51-19	9.12-21	2.89-22	3.33-23
9839	.70	4021.	8.26-17	2.05-17	9.90-18	5.32-18	3.75-19	2.15-19	1.27-20	4.00-22	4.59-23
908	.49	3433.	4.76-16	1.27-16	6.27-17	3.42-17	2.50-18	1.44-18	8.66-20	2.74-21	3.15-22
9840	.71	4047.	1.02-16	2.53-17	1.22-17	6.55-18	4.61-19	2.64-19	1.56-20	4.91-22	5.64-23
9841	.71	4030.	1.09-16	2.70-17	1.30-17	6.99-18	4.92-19	2.82-19	1.67-20	5.24-22	6.02-23
9842	.20	3056.	4.92-18	1.40-18	7.03-19	3.89-19	2.93-20	1.69-20	1.03-21	3.29-23	3.79-24
9843	1.01	5904.	2.98-16	6.54-17	3.03-17	1.59-17	1.05-18	5.93-19	3.43-20	1.06-21	1.21-22
909A	.83	4738.	7.32-16	1.71-16	8.10-17	4.30-17	2.93-18	1.67-18	9.79-20	3.05-21	3.50-22
909B	.37	3233.	6.48-17	1.78-17	8.89-18	4.88-18	3.63-19	2.09-19	1.27-20	4.02-22	4.63-23
9844	.68	3941.	8.17-17	2.05-17	9.90-18	5.33-18	3.77-19	2.16-19	1.28-20	4.03-22	4.63-23
910	.66	3842.	1.30-16	3.30-17	1.60-17	8.65-18	6.15-19	3.52-19	2.10-20	6.60-22	7.59-23
911	.67	3857.	5.61-17	1.42-17	6.88-18	3.71-18	2.64-19	1.51-19	9.00-21	2.83-22	3.25-23
912	.50	3440.	6.38-17	1.70-17	8.39-18	4.58-18	3.34-19	1.92-19	1.16-20	3.66-22	4.21-23
9845A	.65	3800.	5.71-17	1.45-17	7.07-18	3.82-18	2.72-19	1.56-19	9.31-21	2.93-22	3.37-23
9845B	.25	3122.	5.57-18	1.56-18	7.84-19	4.32-19	3.24-20	1.87-20	1.14-21	3.62-23	4.17-24
913	.67	3867.	1.34-16	3.39-17	1.65-17	8.88-18	6.31-19	3.61-19	2.15-20	6.76-22	7.77-23
9846	.62	3729.	4.70-17	1.21-17	5.88-18	3.18-18	2.28-19	1.31-19	7.80-21	2.46-22	2.83-23
9847	.62	3727.	5.65-17	1.45-17	7.07-18	3.83-18	2.74-19	1.57-19	9.40-21	2.96-22	3.40-23
9848	.62	3743.	5.08-17	1.30-17	6.34-18	3.43-18	2.45-19	1.41-19	8.40-21	2.65-22	3.04-23
914A	.91	5343.	8.92-16	2.01-16	9.40-17	4.95-17	3.31-18	1.88-18	1.09-19	3.40-21	3.89-22
914B	.67	3897.	2.72-16	6.85-17	3.31-17	1.79-17	1.27-18	7.26-19	4.32-20	1.36-21	1.56-22

system. Two columns of absolute magnitude will normally show M_v in duplicate, but in some cases the Woolley catalog has only a photographic magnitude noted by P . We have the set $B = P + 0.11$ and considered $B - V$ as a function of spectral class (Johnson 1966) in order to estimate M_v in the second column of absolute magnitude. Stars with P magnitude and with insufficient spectral classification for this procedure are omitted. For close visual double stars in the Woolley catalog the photometry refers to the combined light, and it is noted with the letter "J" on the brighter component. Sufficient visual double star data for $\Delta M = M_B - M_A$ allow a magnitude to be listed for the fainter component, B , and the individual magnitude for the brighter component, A , may be recovered in the Woolley catalog notes or by the relation, $M_A = -2.5 \log(10^{-0.4M_J} - 10^{-0.4M_B})$. The same problem exists in principle for spectroscopic binaries ("SB" in the notes) where, however, there is generally insufficient information to disentangle the component magnitudes. The blended light of two stars is then treated as the light of one star of an absolute magnitude M_v which may be as much as 0.75 mag brighter than the true absolute magnitude of the brighter component. The fainter component of each astrometric binary ("AB" in the notes) is optically invisible at discovery, but it is probable that some of these objects are relatively brighter in the infrared, and they may perturb the infrared spectrum of the brighter component which is treated as a single star. The symbol "V" after the numerical value of absolute magnitude refers to flare star variability ("UV" in the notes). In general, the machine readable notes follow the Woolley catalog except for omission of question marks.

The "MIRC" column in Table 1 lists identifications with sources in the Merged Infrared Catalogue (Schmitz *et al.* 1978). Shipman (1979) adds 39 white dwarfs with $p \geq 0''.04$ to those in Table 1, and they are appended in Table 2. Each tabular entry extends to the second of the paired pages, with the stellar radius, temperature, and flux density for selected wavelengths computed as described in § III.

III. STELLAR RADII AND TEMPERATURES

Blackbody flux density for a star of radius R (in units of the Sun's radius), parallax p (arc seconds), and temperature T (K) at wavelength λ (μm) is

$$F_\lambda = \frac{1.9 \times 10^{-11} \lambda^{-5} p^2 R^2}{e^{14388/\lambda T} - 1} \quad (\text{W cm}^{-2} \mu\text{m}^{-1}). \quad (1)$$

We have used $R(M_v)$ and $T_{\text{eff}}(M_v)$ for main-sequence $M_v < 9$ according to Allen (1973), but for the main-sequence $M_v > 9$ we have used Pettersen's (1980) 27 flare stars as representatives of the lower main sequence, omitting "mean components" of binaries. The calibrat-

ing $R(M_v > 9)$ and $T_{\text{eff}}(M_v > 9)$ are shown in Figures 1 and 2, respectively. The rms error bars on M_v are computed from the tabulated parallax probable errors. The quiescent V magnitude is photoelectric, with a negligible contribution to error for nearly all calibrations. Gliese and Jahreweiss (1979) have revised the parallax of several stars that appear in Figures 1 and 2, but in no case is the corresponding $\log R(p)$ revised more than ± 0.02 . Pettersen (1980) has assumed an uncertainty of ± 200 K in T_{eff} for estimating the error in R . Constant R below $M_v = 16$ depends especially on the faintest star, Gliese 752B, or VB 10. Pettersen (1980) noted that this star falls at considerably lower T_{eff} than is theoretically predicted (Grossman, Hays, and Graboske 1974) and remarked that it could be brought to the theoretical main sequence by raising its T_{eff} to 2700 K (thus brightening M_v). If T_{eff} is raised to 2600 K and radius is also lowered to $\log R = -1.0$, Gliese 752B becomes identical with the faintest star of the cited theoretical main sequence. These changes are possible, although they are about double Pettersen's (1980) assumed uncertainty in T_{eff} and about double his estimate of error in $\log R/R_\odot$.

Table 1 includes Pettersen's calibrator stars according to the same $R(M_v)$, $T(M_v)$ functions that are used for the other stars. Figure 1 shows that R (Table 1)– R (Pettersen) is comparable to the error bars that he gives. Lacy's (1977b) empirical $R(M_v)$ relation, based on $V - R$ color data, differs from the Figure 1 graph nowhere more than ± 0.02 in $\log R/R_\odot$. Lacy's empirical relation does not extend below $M_v = 14$.

The R, T calibration curves represent stars imperfectly because of errors in their observational data input and also because of a cosmic dispersion. In addition to an error in F_λ expected from errors of about $dT = \pm 200$ K, the error in F_λ that results from a parallax error dp would not be simply $2dp/p$ from p^2 but would be generally less because the error dp produces an error $dM_v = 0.4343 \times 5 dp/p$, thus a radius error dR of opposite sign to the one in dp because of the negative slope of the calibration curve $R(M_v)$. The slope in Figure 1 shows that the error dF_λ/F_λ is about dp/p for $M_v < +15$. Most of the radii in Table 1 are probably accurate to $\pm 25\%$. More accurate radii of some nearby stars such as α CMa (Gliese 244) are known from interferometric measurements or, in the case of YY Gem (Gliese 278C) and CM Dra (Gliese 630.1A), because they are double-lined eclipsing binaries, but these few accurately known values are not specially inserted in Table 1. The individual radii listed in Table 1 may differ up to $\pm 25\%$ from the results of surface brightness methods such as those of Lacy (1977b) or Popper (1980). When $(V - R)_0$ becomes available for nearly all of the stars in the Woolley catalog, giants as well as dwarfs, a systematically different and probably more accurate approach to their radii may be made via the Barnes, Evans, and Moffett (1978) relation.

A few percent of the nearby stars are white dwarfs. Shipman (1979) gives R and T individually for 63 of them, which we use directly in equation (1) with the newer measures of p which Shipman quotes.

About 160 stars of other miscellaneous spectral types in the Woolley catalog require further definitions.

The giants of class G8 and later, whether specified with MK luminosity III or simply brighter than $M_v = 4.5$, are assigned T_{eff} (MK class) following Ridgway *et al.* (1980). Since Ridgway *et al.*'s (1980) results were derived from limb-darkened angular diameters ϕ'' , we have computed linear radius for most of their 31 sample stars to provide an associated function R (MK class) according to $R/R_\odot = 107\phi \times 10^{-0.2(V-M_v+5-3E_B-V)}$, where M_v is interpolated from Egret, Keenan, and Heck's (1982) $\langle M_v \rangle_0$ (G8–M2), and normal giant colors are Johnson's (1966). Egret *et al.*'s calibrations for class III, IIIa, and IIIb giants are based on combined trigonometric and statistical parallaxes. Seven giants are common to Ridgway *et al.*'s (1980) sample of 31 and Egret *et al.*'s sample of 212. Figure 3 shows the data for all giants in the overlapping spectral ranges, and the graphical representation of giant star radii. Figure 4, however, shows that the giants in the Woolley catalog are systematically fainter than Egret *et al.*'s giants. The rms errors of the individual M_v plots in Figure 4 average ± 0.6 mag, computed from the probable errors of trigonometric parallax in the Woolley catalog, where no significant part of the rms errors can be attributed to photometry. Nine giants are common to the catalogs of Woolley *et al.* and Egret *et al.*, and for them the mean difference in tabulated M_v is 0.75 mag. It is not obvious why the giants in the Woolley catalog differ from the standards of Egret *et al.* Are Woolley *et al.*'s trigonometric parallaxes often too large? An effect in this sense occurs since a catalog of stars selected according to observed $p > 0''.04$ will include more parallaxes that are accidentally too large than parallaxes that are accidentally too small. However, revised parallaxes (Hoffleit and Jaschek 1982) for stars in Figure 4 are most frequently revised to larger values. These revisions are by amounts less than the parallax probable error in the Woolley catalog, except for three stars as marked by vectors in M_v , spectral type (Fig. 4), one of which includes a revised spectral type. We conclude that parallax errors do not generally explain low luminosities in Figure 4. Is the MK luminosity class III often incorrect for stars in the Woolley catalog? The MK class III there is revised in Egret *et al.* (1982) or Hoffleit and Jaschek (1982) to IIIb or III–IV for 13 stars and to IIIa for only one star in Figure 4. Developing this hint of statistically fainter absolute magnitudes, we have adjusted the radii of "giants" in the Woolley catalog by a factor $10^{0.2\Delta M_v}$, where ΔM_v is the M_v for standard giants, as graphed in Figure 4, less the observed $M_v(p, V)$.

The relatively few subgiants (SG or IV in Table 1) in spectral classes G8–K5 are defined in R, T by assuming that T (spectral class) is identical for giants and subgiants and proceeding as outlined above for giants.

Where no giant or subgiant spectral class or no decimal subdivision of the class is given, the star is omitted, including the few Am stars. Where no MK luminosity class is given for stars earlier than G8, and $M_v > 4.5$, the star is treated as a main-sequence dwarf.

There are about 16 more stars from the Woolley catalog that are classified MK luminosity III, and ~ 50 that are classified MK luminosity IV, all earlier than spectral class G8. Woolley *et al.*'s H-R diagram of catalog stars (their Fig. 1) clearly shows no F–G stars as bright as the giant absolute magnitudes compiled by Keenan (1963, 1973). Some of the MK luminosity IV stars earlier than G8 have fainter $M_v(p, V)$ than stars of the same spectral class on Allen's (1973) main sequence. We shall treat all stars that are earlier than spectral class G8 and brighter than $M_v = 4.5$, but not classified main sequence or subdwarf, in a way that is analogous to the procedure for giants and subgiants of G8 and later classes as described above. Specifically, they are assumed to have the same T_{eff} (Sp) as Allen's (1973) main sequence and to have a radius that is corrected from Allen's main-sequence $R(\text{Sp})$ by a factor $10^{0.2[M_v(\text{Sp}) - M_v(p, V)]}$, where the areal exponent includes Allen's main-sequence $M_v(\text{Sp})$ less the star's observed $M_v(p, V)$. Allen's tables are interpolated in Figure 5. Finally, the subdwarfs are treated in the same way again by reference to the $M_v(\text{Sp})$ tables of Allen (1973), Keenan (1963), or Gliese and Jahreiss (1979), as appropriate for the ΔM_v exponent.

IV. CONCLUSIONS

According to the noise equivalent flux density specifications for *IRAS* (Bamberg and Downey 1978) $\sim 95\%$ of the stars in Table 1 may be detectable at $11.8 \mu\text{m}$. A smaller percentage but larger number of similar stars beyond 25 pc should be detected. The percentage of similarly predicted detections of Table 1 stars drops to $\sim 50\%$ at $24.4 \mu\text{m}$, 15% at $58.6 \mu\text{m}$, and 8% at $101 \mu\text{m}$. According to the *IRAS Circ.* No. 1 (1983), revised but still preliminary noise equivalent flux density values, for 1σ and single pass, imply lower percentages of predicted detections in the four bands, respectively, $\sim 85\%$, 46% , 7% , and 2% . However, spectroscopic binaries may provide excess radiation in the infrared, and significant deviations from blackbody behavior in supposedly single, normal stars is also anticipated with the discovery of substellar companions or circumstellar matter. Table 1 may provide a ready estimate of what should be expected in the absence of such perturbations. White dwarfs are predicted to be undetectable with *IRAS*.

TABLE 2
INFRARED BRIGHTNESS OF ADDITIONAL WHITE DWARFS WITHIN 25 PARSECS OF THE SUN

Name	Parallax	Spectral Class	R.A. (1950)	decl.	Radius Sun = 1	Temperature (K)	F2.2	F3.4	F4.2	F5.0	F10.2 (W cm ⁻² μm ⁻¹)	F11.8	F24.4	F58.6	F101.
038	55	.....	0°044	4	DC	12700.	1.13-19	2.17-20	9.65-21	4.92-21	3.01-22	1.69-22	9.50-24	2.90-25	3.30-26
1 1	4	.....	0°048	4	DAS	8600.	1.70-19	3.46-20	1.56-20	8.04-21	5.07-22	2.86-22	1.63-23	4.99-25	5.69-26
115	15	.....	0°063	4	DC	11100.	1.58-19	3.09-20	1.38-20	7.05-21	4.36-22	2.46-22	1.38-23	4.22-25	4.80-26
2 8	39	.....	0°059	5	DAS	7400.	1.48-19	3.09-20	1.41-20	7.30-21	4.67-22	2.64-22	1.51-23	4.65-25	5.30-26
213	42	.....	0°052	4	DC	5500.	5.19-20	1.16-20	5.40-21	2.84-21	1.89-22	1.08-22	6.24-24	1.93-25	2.21-26
426	58	.....	0°183	3	DC	7100.	1.08-18	2.27-19	1.04-19	5.39-20	3.47-21	1.96-21	1.12-22	3.46-24	3.95-25
433	27	.....	0°060	3	DC	5700.	6.94-20	1.54-20	7.14-21	3.74-21	2.48-22	1.41-22	8.15-24	2.53-25	2.89-26
553	5	.....	0°125	4	DCP	5700.	3.54-19	7.85-20	3.65-20	1.91-20	1.27-21	7.20-22	4.17-23	1.29-24	1.48-25
615-59	.....	.....	0°040	.....	DB	16900.	8.81-20	1.66-20	7.30-21	3.70-21	2.23-22	1.25-22	6.98-24	2.12-25	2.41-26
7 6	37	.....	0°044	4	C2	7900.	4.59-20	9.46-21	4.29-21	2.22-21	1.41-22	7.98-23	4.54-24	1.40-25	1.59-26
727	48	.....	0°089	3	DC	4300.	1.81-19	4.39-20	2.10-20	1.12-20	7.79-22	4.45-22	2.63-23	8.23-25	9.44-26
827	32	.....	0°045	4	DAS	8100.	4.24-20	8.71-21	3.95-21	2.04-21	1.29-22	7.30-23	4.16-24	1.28-25	1.46-26
856	33	.....	0°049	4	C2P	10000.	4.97-20	9.88-21	4.43-21	2.27-21	1.41-22	7.97-23	4.50-24	1.38-25	1.57-26
912	53	.....	0°099	3	DCP	7500.	2.65-19	5.51-20	2.51-20	1.30-20	8.31-22	4.70-22	2.69-23	8.26-25	9.43-26
912	53	.....	0°099	3	+ DCPO	6400.	3.33-19	7.17-20	3.30-20	1.72-20	1.12-21	6.35-22	3.66-23	1.13-24	1.29-25
955	24	.....	0°042	4	DA	8700.	6.40-20	1.30-20	5.86-21	3.02-21	1.90-22	1.07-22	6.09-24	1.87-25	2.13-26
1055	-7	.....	0°085	5	DA	8100.	1.51-19	3.11-20	1.41-20	7.27-21	4.61-22	2.61-22	1.88-23	4.55-25	5.19-26
11 5	-4	.....	0°046	.....	DA	15300.	2.32-19	4.41-20	1.95-20	9.87-21	5.99-22	3.36-22	1.82-23	5.71-25	6.49-26
1344	10	.....	0°050	4	DAF	7600.	8.32-20	1.73-20	7.86-21	4.07-21	2.60-22	1.47-22	8.39-24	2.58-25	2.94-26
16 9	13	.....	0°055	5	DAS	9600.	5.13-20	1.03-20	4.60-21	2.36-21	1.48-22	8.33-23	4.71-24	1.44-25	1.64-26
1625	9	.....	0°047	6	DC	6900.	3.64-20	7.70-21	3.52-21	1.83-21	1.18-22	6.70-23	3.84-24	1.18-25	1.35-26
1633	57	.....	0°068	3	DC-F	6300.	1.28-19	2.76-20	1.27-20	6.65-21	4.34-22	2.46-22	1.42-23	4.38-25	5.00-26
1647	59	.....	0°082	4	DA	11800.	5.15-19	1.00-19	4.46-20	2.28-20	1.40-21	7.89-22	4.43-23	1.35-24	1.54-25
1655	21	.....	0°044	4	DASS	9400.	1.31-19	2.63-20	1.18-20	6.08-21	3.81-22	2.15-22	1.22-23	3.72-25	4.24-26
17 5	3	.....	0°057	5	DF-DG	7100.	8.57-20	1.80-20	8.24-21	4.28-21	2.75-22	1.56-22	8.91-24	2.75-25	3.13-26
17 5	3	.....	0°057	5	+ DF-D	6300.	9.94-20	2.15-20	9.89-21	5.16-21	3.37-22	1.91-22	1.10-23	3.40-25	3.89-26
1748	70	.....	0°166	4	DXP	5300.	4.17-19	9.43-20	4.41-20	2.32-20	1.56-21	8.85-22	5.14-23	1.60-24	1.83-25
1917	38	.....	0°085	4	DC	6800.	1.49-19	3.16-20	1.45-20	7.53-21	4.87-22	2.76-22	1.58-23	4.88-25	5.57-26
1917	-7	.....	0°098	4	DAWK	11400.	5.23-19	1.02-19	4.56-20	2.33-20	1.44-21	8.09-22	4.55-23	1.39-24	1.58-25
1935	27	.....	0°056	4	DA	10500.	2.97-19	5.87-20	2.62-20	1.34-20	8.33-22	4.70-22	2.65-23	8.09-25	9.21-26
2011	6	.....	0°043	3	DC?	7600.	4.90-20	1.02-20	4.63-21	2.39-21	1.53-22	8.65-23	4.93-24	1.52-25	1.73-26
2140	20	.....	0°076	4	C2WK	8600.	3.66-19	7.45-20	3.36-20	1.73-20	1.09-21	6.17-22	3.50-23	1.07-24	1.23-25
2149	2	.....	0°042	3	DA	18300.	2.60-19	4.87-20	2.14-20	1.08-20	6.50-22	3.65-22	2.03-23	6.16-25	7.00-26
2153-51	.....	.....	0°064	12	C2	9800.	8.02-20	1.60-20	7.17-21	3.68-21	2.30-22	1.29-22	7.31-24	2.24-25	2.55-26
22 7	14	.....	0°040	4	DC	8400.	4.05-20	8.27-21	3.74-21	1.93-21	1.22-22	6.89-23	3.92-24	1.20-25	1.37-26
2246	22	.....	0°052	4	DA	10500.	8.33-20	1.65-20	7.36-21	3.77-21	2.34-22	1.32-22	7.43-24	2.27-25	2.59-26
2248	29	.....	0°049	5	DAS, F	5600.	1.01-19	2.24-20	1.04-20	5.47-21	3.63-22	2.06-22	1.20-23	3.71-25	4.24-26
2326	4	.....	0°074	4	DA	11900.	2.44-19	4.74-20	2.11-20	1.08-20	6.62-22	3.72-22	2.09-23	6.38-25	7.26-26
2359-43	.....	.....	0°120	7	DAS	18700.	2.03-19	3.79-20	1.67-20	8.42-21	5.06-22	2.84-22	1.58-23	4.79-25	5.45-26

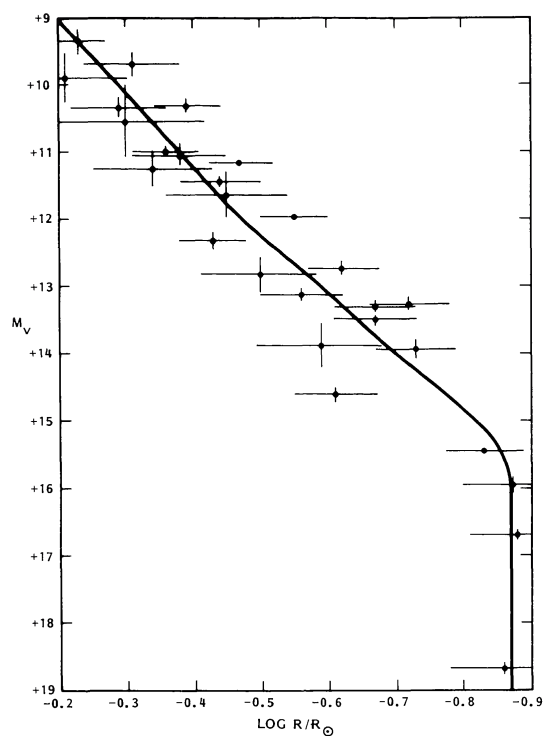


FIG. 1.—The calibration for main-sequence $R(M_v > +9)$ from Pettersen's (1980) data.

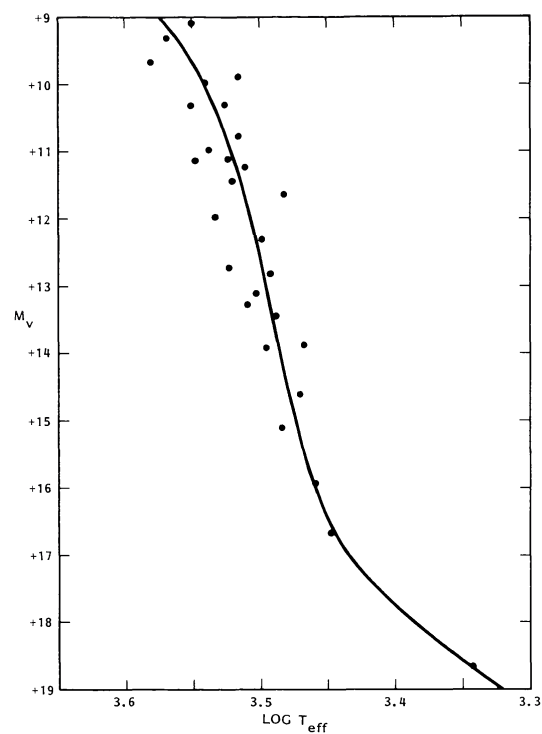


FIG. 2.—The calibration for main-sequence $T_{\text{eff}}(M_v > +9)$ from Pettersen's (1980) data.

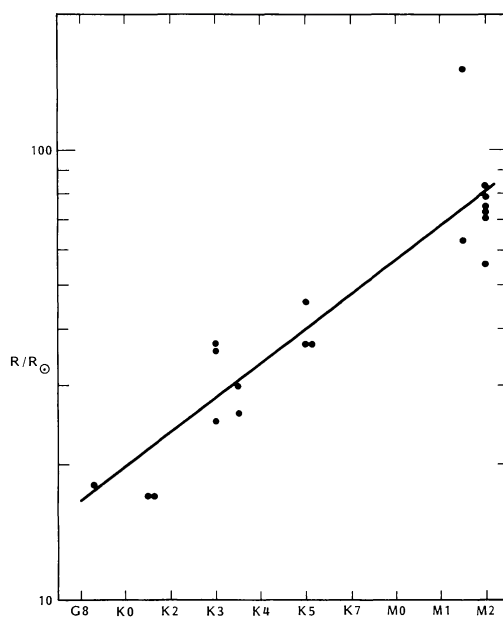


FIG. 3.—A display of giant radii R (MK class) from Ridgway *et al.*'s (1980) angular ϕ data and Egret, Kemnan, and Heck's (1982) absolute magnitudes.

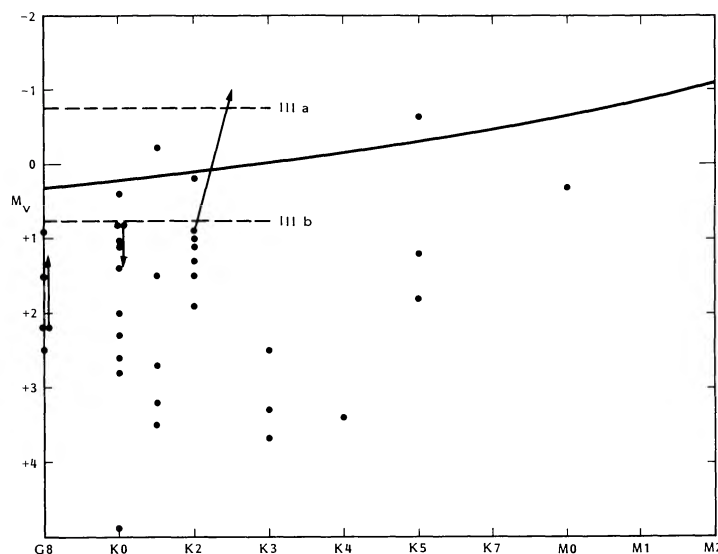


FIG. 4.—The mean absolute magnitudes of MK class IIIa, III (solid graph), and IIIb giants according to Egret, Keenan, and Heck (1982), and plots of MK class III giants from the Woolley *et al.* catalog (1970). Vector arrows are explained in text.

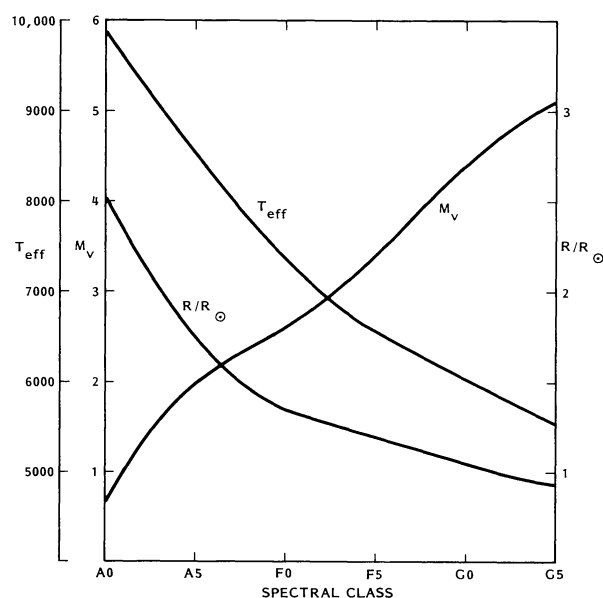


FIG. 5.—Allen's (1973) R , T_{eff} , and M_v functions for A0–G5 V dwarfs.

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