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NEAR-INFRARED SOURCE COUNTS IN THE GALACTIC PLANE II. A LIST OF NEAR-INFRARED SOURCES

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ABSTRACT

Results on near-infrared source counts are presented as a list of positions and magnitudes of sources observed in 17 selected areas sampled along the galactic plane between $l=349°$ and $l=45°$. The total scanned area was 12 square degrees, and 1,989 sources brighter than 6.5 mag in the K-band are listed. They are also graphically presented in $(\alpha, \delta)-(l, b)$ maps classifying the magnitudes and the colors of the sources.

I. Introduction

From the results of the brightness mapping of the galactic plane at 2.4-μm made by a series of experiments with balloon-borne telescopes,[1),2),3)] it was found that bright infrared sources are distributed in the inner region of the Galaxy, concentrating at a galactocentric distance of about 5 kpc. The characteristics of the distribution suggested that luminous late-type stars, mostly M-supergiants, are responsible for the concentration.[1),2),3)] The intrinsic nature of the sources, however, can hardly be inferred only from an integrated brightness observation with relatively poor spatial resolution.

The objective of the source counts is to resolve the brightness into individual sources and identify the sources with types of stars.

The observations were performed between 1978 and 1979, using a specially designed multi-color photometer. They were done for 17 areas sampled along the galactic plane between $l=349°$ and $l=45°$. A preliminary report and some qualitative discussions have been given in the paper by Kawara et al.[4)]

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(hereafter called paper I). The purpose of this paper is to list the basic source data and to give maps of the observed sources to assist in further studies of these sources. The implications of the results in terms of stellar population and distribution in the Galaxy will be discussed elsewhere in detail.

II. Observations

Near-infrared source counts have been done with a multi-color photometer at four wavelengths, namely I ($\lambda_0=0.82\,\mu$m; $\Delta\lambda=0.24\,\mu$m), H ($\lambda_0=1.61\,\mu$m; $\Delta\lambda=0.26\,\mu$m), K ($\lambda_0=2.21\,\mu$m; $\Delta\lambda=0.38\,\mu$m), and L ($\lambda_0=3.58\,\mu$m; $\Delta\lambda=0.62\,\mu$m). The multi-color photometer incorporates three InSb-detectors for the H-, K-, and L-bands and a Si-photodiode for the I-band. The InSb-detectors were cooled down to solid-nitrogen temperature, while the Si-photodiode was operated at ambient temperature. A detailed description of the detection system is given in paper I.

The scanned areas were 17 narrow strips distributed along the galactic plane between $l=349°$ and $l=45°$. Seven fields between $l=26°$ and $l=45°$ were scanned with the 1-m telescope at the Agematsu Infrared Observatory (AIRO) of Kyoto University in 1978 and 1979 with the chopping direction in right ascension, while ten fields between $l=349°$ and $l=24°$ were scanned with the 61-cm telescope of the Mauna Kea Observatory (MKO) of University of Hawaii in 1979 with the chopping direction in declination. The beam separation was between 60″ and 90″, and the chopping frequency was about 10 Hz. A circular beam of 60″-diameter was used in the early observations, but it was subsequently switched to a rectangular beam of 60″(δ) $\times$20″(α) for the high source-density regions near the galactic center. A sidereal drift scan was adopted with steps of 30″ in declination, so that most of sources should be detected twice. A journal and conditions of the observations are given in Table 1.

The positions of the starting points of each scan were determined by offsetting the telescope from a nearby visible star selected from the *Smithsonian Astrophysical Observatory Star Catalogue*.[5] A time reference was recorded every two minutes together with the signals from the detectors and was used to calibrate the relative position of the sources. In order to correct for atmospheric extinction, flux calibration was performed by observing two or three stars near the scanned field every one or two hours. The original data were recorded on strip charts as well as on magnetic tapes after conversion into digital form. The signals in the observations between $l=26°$ and $l=45°$ were measured from the strip chart, and were digitized for subsequent data reduction with computers, while the signals in the observations between $l=349°$ and $l=24°$ were recorded on tapes and processed with computers.

The signals observed in adjacent scans were in general counted as a signal source if they coincided within $2^s.5$ or less in right ascension. Although the beam size was 60″-diameter or 60″$\times$20″, we can resolve two sources which

Table 1. Journal and conditions of the observations.

Field l (b=0)	Dates of observation		Beam size	Telescope
349°	July	1979	60″ϕ*	61 cm (MKO)
354°	August	1979	60″×20″	61 cm (MKO)
354.°5	July	1979	60″ϕ	61 cm (MKO)
			60″×20″	61 cm (MKO)
356°	August	1979	60″×20″	61 cm (MKO)
359°	August	1979	60″×20″	61 cm (MKO)
0°	July	1979	60″ϕ	61 cm (MKO)
			60″×20″	61 cm (MKO)
6°	August	1979	60″×20″	61 cm (MKO)
10.°5	August	1979	60″×20″	61 cm (MKO)
21.°5	July	1979	60″ϕ	61 cm (MKO)
	August	1979	60″×20″	61 cm (MKO)
24°	July	1979	60″×20″	61 cm (MKO)
26°	May	1978	60″ϕ	100 cm (AIRO)
	October	1978	60″ϕ	100 cm (AIRO)
27°	May	1978	60″ϕ	100 cm (AIRO)
	September	1978	60″ϕ	100 cm (AIRO)
	October	1978	60″ϕ	100 cm (AIRO)
28°	May	1979	60″ϕ	100 cm (AIRO)
30°	May	1979	60″ϕ	100 cm (AIRO)
35°	May	1979	60″ϕ	100 cm (AIRO)
40°	March	1979	60″ϕ	100 cm (AIRO)
	May	1979	60″ϕ	100 cm (AIRO)
45°	October	1979	60″ϕ	100 cm (AIRO)
	November	1979	60″ϕ	100 cm (AIRO)

* ϕ denotes the angular diameter of the beam.

are separated by 40″ from each other by inspecting the signal profiles. The probability of miscounting two sources with the limiting magnitude of $K=6.5$ mag as a single source is about 3%, even in the most crowded field near the galactic center, where the surface number density amounts up to 300 sources per square degree.

Very near the galactic center, another difficulty arises in the source counting, since the fluctuations in very intense extended emission near the galactic center[6] will appear as spurious sources. But even in the worst case, only 6 of 37 sources with $K\leq 6.5$ mag, located within 0.°2 from the galactic center, would be spurious sources.

The minimum detectable signal in the K-band ranges between 7.3 mag and 8.5 mag, depending on the telescope size and the detector sensitivity. The H-band sensitivity is slightly better, i.e., between 7.3 mag and 9.0 mag. The minimum detectable signal in the I- and L-bands are 9–10 mag and 2.5–4.0 mag respectively. In the observation between $l=26°$ and $l=45°$, a large noise background sometimes was detected in the I-band, and hence the source counts in the I-band are somewhat incomplete. The magnitudes of the sources listed in this paper are brighter than $I=8.7$ mag, $H=6.5$ mag, $K=6.5$ mag, and $L=2.3$ mag, and these are much brighter than detection limits.

III. Results

The total scanned area is 12 square degrees in which 1,989 sources with

$K \leq 6.5$ mag were detected.

(a) Distribution of the Sources

The sources with $K \leq 6.5$ mag are plotted in Figure 1, with both equatorial coordinates (epoch 1950) and galactic coordinates. The area covered by the scan are enclosed by thick lines. In the figures, the sources are plotted separately for different colors defined by $H-K$, namely $H-K<0.6$ mag, $0.6 \text{ mag} \leq H-K<0.9$ mag, $0.9 \text{ mag} \leq H-K$, and for unclassified sources. Sources whose H-magnitudes are fainter than the limiting magnitude of $H = 6.5$ mag, are called unclassified, since their $H-K$ colors cannot be defined.

(b) List of the Sources

Positions of the 1,989 sources with $K \leq 6.5$ mag are tabulated in table 2. In addition, the magnitudes in the I-, H-, K-, and L-bands are given for magnitudes brighter than $8.7(I)$, $6.5(H)$, $6.5(K)$, and $2.3(L)$ respectively.

Explanation of the Columns

1) Columns 1 and 2—Galactic Coordinates (l, b)

The galactic longitude and latitude are given in the (l, b) system. The sources are arranged in ascending order in right ascension, separately for the 17 fields from $l=349°$ to $l=45°$.

2) Columns 3 and 4—Equatorial Coordinates (α, δ)

The right ascension and declination for epoch 1950 are given. In all fields except for $l=45°$, the absolute positions of the sources were calibrated by the M-giant stars sampled from the Schmidt plates taken at Kiso Station of Tokyo Astronomical Observatory[7] and at Bosscha Observatory of Institute Technology Bandung.[8),9)] The rms position errors, thus estimated, range from 15″ to 20″ in both declination and right ascension, after correcting for systematic errors.

3) Columns 5 to 8—Magnitudes (I, H, K, L)

The magnitudes in the I-, H-, K-, and L-bands are given. The fluxes for a zero-magnitude star are defined as:

I $(0.82\ \mu\text{m}) = 1.08 \times 10^{-12}$ W cm^{-2} μm^{-1},

H $(1.61\ \mu\text{m}) = 1.20 \times 10^{-13}$ W cm^{-2} μm^{-1},

K $(2.21\ \mu\text{m}) = 3.8 \times 10^{-14}$ W cm^{-2} μm^{-1},

L $(3.58\ \mu\text{m}) = 6.8 \times 10^{-15}$ W cm^{-2} μm^{-1}.

In order to check the accuracy of the photometry, we examined 22 sources sampled from the field of $l=27°$ by using the 1-m telescope at AIRO on March 1979. These sources have H- and K- magnitudes between 5.0 mag and 6.8 mag. The rms deviation of the survey values from the photometric results

is 0.2 mag in the K-band, and 0.3 mag in the H-band. As for the six bright sources commonly observed in the *Two-Micron Sky Survey*,[10] the rms deviation of the present results from those in the *Two-Micron Sky Survey* is 0.1 mag.

In the survey at $l=45°$, the signal output was saturated at the level of $K=3.9$ mag and $H=4.1$ mag, so that the magnitudes of 6 sources with $K\leq 3.9$ mag and $H\leq 4.1$ mag could not be determined.

4) Column 9—$H-K$ Colors

For the sources with $H\leq 6.5$ mag, the $H-K$ colors are given in this column.

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Table 2. Source list

FIELD CENTER LII=349.0 BII=0.0

LII	BII	RA(1950)	DEC(1950)	I	H	K	L	H-K
347.61	1.82	17 1 30.7	-38 6 32	8.6	6.4	6.2		0.2
347.66	1.73	17 2 3.4	-38 7 3			6.2		
347.67	1.71	17 2 6.9	-38 7 33			6.3		
347.83	1.55	17 3 19.6	-38 5 36			6.4		
347.89	1.42	17 3 58.6	-38 7 37			6.3		
347.94	1.44	17 4 5.3	-38 4 37	7.8	5.8	5.6		0.2
347.97	1.34	17 4 32.6	-38 6 38			6.4		
348.13	1.09	17 6 4.5	-38 7 42			6.4		
348.25	0.94	17 7 2.6	-38 7 44			6.4		
348.57	0.54	17 9 38.1	-38 6 19			6.4		
348.57	0.50	17 9 47.5	-38 7 49			6.3		
348.67	0.39	17 10 35.8	-38 6 51		5.9	5.0		0.9
348.74	0.27	17 11 17.2	-38 7 53	8.6	5.6	5.0		0.6
348.78	0.23	17 11 32.3	-38 7 23		6.2	5.6		0.6
348.85	0.16	17 12 2.4	-38 6 24			6.4		
348.96	0.01	17 12 58.6	-38 6 26			6.4		
348.98	-0.02	17 13 12.2	-38 6 27			6.3		
348.97	-0.06	17 13 19.5	-38 7 57			6.4		
349.03	-0.05	17 13 28.4	-38 4 57			6.0		
349.06	-0.09	17 13 42.5	-38 4 58		6.2	5.4		0.8
349.09	-0.13	17 13 57.4	-38 4 58			5.9		
349.11	-0.17	17 14 10.7	-38 4 59		6.0	4.8		1.2
349.09	-0.18	17 14 10.9	-38 6 29			6.4		
349.09	-0.19	17 14 13.8	-38 6 59		6.3	5.6		0.7
349.09	-0.21	17 14 17.1	-38 7 29			6.4		
349.13	-0.22	17 14 26.1	-38 5 59		5.5	4.9		0.6
349.15	-0.26	17 14 39.6	-38 6 30	6.9		6.4		
349.21	-0.38	17 15 19.8	-38 7 31		4.7	3.7		1.0
349.27	-0.39	17 15 35.2	-38 5 2			6.3		
349.32	-0.55	17 16 23.3	-38 8 4			6.3		
349.39	-0.58	17 16 42.1	-38 6 4			6.3		
349.47	-0.69	17 17 24.7	-38 5 36			6.4		
349.50	-0.75	17 17 44.5	-38 6 36		6.1	5.6		0.5
349.54	-0.82	17 18 7.5	-38 6 37		5.6	5.0		0.6
349.71	-1.05	17 19 36.0	-38 6 10	8.4	5.8	5.3		0.5
349.70	-1.09	17 19 42.7	-38 8 11			5.5		
349.88	-1.29	17 21 4.5	-38 6 14			6.3		
349.88	-1.35	17 21 22.0	-38 8 14			5.6		
349.93	-1.41	17 21 43.6	-38 7 45			6.3		
349.97	-1.41	17 21 51.1	-38 5 45		5.7	5.2		0.5
350.07	-1.61	17 22 59.5	-38 7 48	8.2	4.1	3.4		0.7
350.22	-1.80	17 24 11.7	-38 6 20		6.4	5.7		0.7

FIELD CENTER LII=354.0 BII=0.0

LII	BII	RA(1950)	DEC(1950)	I	H	K	L	H-K
353.31	1.35	17 20 0.1	-33 46 38	6.9	5.5	5.3		0.2
353.48	1.04	17 21 41.4	-33 49 12		6.3	5.3		1.0
353.51	1.05	17 21 44.3	-33 47 12		6.5	5.8		0.7
353.45	0.99	17 21 47.8	-33 52 12			6.1		
353.59	0.91	17 22 32.3	-33 47 44	8.5		6.5		
353.59	0.81	17 22 54.5	-33 51 15			6.3		
353.67	0.86	17 22 55.0	-33 45 15		6.4	5.6		0.8
353.67	0.72	17 23 27.6	-33 50 16			6.2		
353.81	0.69	17 23 58.9	-33 44 17			5.5		
353.72	0.59	17 24 6.7	-33 52 17			5.8		
353.73	0.52	17 24 25.9	-33 53 48			5.6		
353.86	0.51	17 24 50.0	-33 47 49			6.3		
353.94	0.46	17 25 14.8	-33 45 20			6.3		
353.93	0.45	17 25 15.0	-33 46 20			6.5		
353.88	0.40	17 25 19.5	-33 50 50			6.2		
353.89	0.40	17 25 21.0	-33 50 20			6.4		
353.93	0.40	17 25 27.2	-33 47 50		6.2	5.3		0.9
353.90	0.30	17 25 46.8	-33 52 51			6.4		
354.00	0.29	17 26 6.7	-33 48 22		5.7	4.4		1.3
354.06	0.26	17 26 20.2	-33 46 22			6.0		
354.04	0.23	17 26 27.3	-33 48 22		6.3	4.5		1.8
354.15	0.16	17 26 59.9	-33 45 24		6.4	5.6		0.8
354.13	0.13	17 27 4.9	-33 47 24			6.1		
354.10	0.06	17 27 17.2	-33 50 54		6.5	6.3		0.2
354.19	0.09	17 27 24.7	-33 45 25			6.4		
354.08	0.01	17 27 25.8	-33 53 55		6.1	5.5		0.6
354.10	0.0	17 27 29.8	-33 52 55			6.4		
354.17	0.05	17 27 31.6	-33 47 55			6.4		
354.15	0.03	17 27 32.1	-33 49 25			5.9		
354.15	-0.04	17 27 48.8	-33 51 55		5.9	5.4		0.5
354.18	-0.06	17 27 59.3	-33 50 56			6.5		
354.17	-0.10	17 28 4.6	-33 52 56			5.7		
354.23	-0.10	17 28 14.5	-33 49 56		6.4	5.9		0.5
354.29	-0.10	17 28 24.6	-33 46 57			6.4		
354.24	-0.21	17 28 44.0	-33 52 57			6.5		
354.24	-0.24	17 28 50.5	-33 53 57	8.6	5.4	4.9		0.5
354.35	-0.21	17 29 2.7	-33 47 28		6.3	5.6		0.7
354.29	-0.26	17 29 3.4	-33 51 58			6.4		
354.41	-0.24	17 29 19.0	-33 45 29	5.8	3.6	3.5		0.1
354.36	-0.29	17 29 23.7	-33 49 29		5.5	4.7		0.8
354.36	-0.34	17 29 33.7	-33 51 29			6.3		
354.41	-0.32	17 29 36.7	-33 47 59		5.8	5.3		0.5
354.40	-0.34	17 29 39.4	-33 49 29			6.5		
354.34	-0.39	17 29 44.8	-33 53 60		5.3	4.2		1.1
354.44	-0.36	17 29 52.1	-33 48 0			6.3		

LII	BII	RA(1950)	DEC(1950)	I	H	K	L	H-K
354.42	-0.38	17 29 54.0	-33 49 30		5.9	5.3		0.6
354.40	-0.45	17 30 5.9	-33 53 0			6.2		
354.50	-0.39	17 30 9.2	-33 46 0			6.2		
354.56	-0.44	17 30 31.3	-33 44 31		6.3	5.8		0.5
354.51	-0.51	17 30 39.3	-33 49 32			6.2		
354.52	-0.59	17 31 0.8	-33 51 32			5.9		
354.60	-0.59	17 31 12.6	-33 47 33	8.6	4.7	4.1		0.6
354.61	-0.72	17 31 45.9	-33 51 4			5.7		
354.63	-0.83	17 32 16.2	-33 54 5	7.7	6.0	5.8		0.2
354.73	-0.85	17 32 35.3	-33 49 36	8.3		6.3		
354.72	-0.86	17 32 37.0	-33 50 36		5.9	5.2		0.7
354.73	-0.93	17 32 55.6	-33 52 6	7.5	6.1	6.0		0.1
354.83	-0.92	17 33 9.9	-33 46 37			6.4		
354.87	-0.99	17 33 31.0	-33 47 8		5.5	4.8		0.7
354.82	-1.05	17 33 39.3	-33 51 8			5.9		
354.85	-1.12	17 34 1.5	-33 52 9		5.5	4.9		0.6
354.93	-1.13	17 34 15.9	-33 48 39		5.2	4.6		0.6
354.88	-1.17	17 34 17.4	-33 52 9			6.5		
354.93	-1.15	17 34 22.0	-33 49 9		5.0	4.3		0.7
354.95	-1.23	17 34 44.7	-33 50 40		6.4	6.1		0.3
354.97	-1.23	17 34 45.4	-33 49 40			6.1		
355.05	-1.20	17 34 51.0	-33 44 41			5.6		
355.01	-1.33	17 35 16.0	-33 50 41		5.1	4.4		0.7
355.08	-1.31	17 35 22.6	-33 46 42		6.1	5.8		0.3
355.03	-1.42	17 35 41.6	-33 52 42	6.2	3.2	2.8	2.2	0.4
355.06	-1.41	17 35 44.3	-33 51 12		6.3	5.6		0.7
355.02	-1.45	17 35 46.3	-33 54 12			6.4		
355.04	-1.48	17 35 59.0	-33 54 13			6.5		
355.10	-1.45	17 36 0.4	-33 50 13			5.7		
355.08	-1.48	17 36 4.1	-33 52 13			6.1		
355.13	-1.50	17 36 16.3	-33 50 14			6.4		
355.18	-1.47	17 36 17.1	-33 46 44			6.3		
355.19	-1.49	17 36 23.9	-33 47 14			6.3		
355.10	-1.58	17 36 30.8	-33 54 14			6.3		
355.30	-1.59	17 37 3.7	-33 44 45			6.3		
355.28	-1.64	17 37 12.8	-33 47 16		5.4	5.1		0.3
355.28	-1.67	17 37 21.3	-33 48 16		6.3	5.5		0.8
355.32	-1.73	17 37 43.4	-33 48 17			6.5		
355.36	-1.82	17 38 10.5	-33 49 18			5.9		
355.40	-1.80	17 38 11.3	-33 46 18			6.4		
355.31	-1.88	17 38 17.7	-33 53 18			6.3		
355.43	-1.84	17 38 24.8	-33 45 48			6.4		
355.32	-1.92	17 38 29.4	-33 54 18			6.5		
355.42	-1.89	17 38 37.0	-33 48 19		6.2	5.9		0.3
355.45	-1.95	17 38 56.2	-33 48 50		6.5	6.1		0.4

LII	BII	RA(1950)	DEC(1950)	I	H	K	L	H-K
355.44	-1.99	17 39 5.6	-33 50 20			6.1		
355.51	-2.05	17 39 29.3	-33 48 51			6.1		
355.43	-2.10	17 39 30.4	-33 54 21		6.2	6.1		0.1
355.48	-2.10	17 39 36.5	-33 51 51		6.0	5.7		0.3
355.48	-2.13	17 39 42.6	-33 52 51			6.4		
355.55	-2.17	17 40 4.3	-33 50 22		6.4	6.0		0.4
355.57	-2.18	17 40 11.3	-33 49 52	8.4	5.1	4.6		0.5
355.57	-2.20	17 40 16.5	-33 50 22		6.1	5.7		0.4
355.56	-2.27	17 40 32.0	-33 52 53			6.4		
355.65	-2.40	17 41 16.1	-33 52 55	7.2	5.2	4.9		0.3
355.67	-2.46	17 41 36.2	-33 53 25		6.3	5.9		0.4
355.78	-2.46	17 41 51.0	-33 47 56	7.5	5.6	5.6		0.0
355.83	-2.44	17 41 54.4	-33 44 56		6.4	5.9		0.5
355.73	-2.53	17 42 0.8	-33 52 26	8.4		6.4		
355.84	-2.57	17 42 27.1	-33 48 27			6.1		
355.78	-2.62	17 42 29.8	-33 52 57			6.4		
355.91	-2.61	17 42 49.2	-33 45 58		6.4	6.2		0.2
355.98	-2.75	17 43 32.6	-33 46 30	7.9	5.0	4.7		0.3

FIELD CENTER LII=354.5 BII=0.0

LII	BII	RA(1950)	DEC(1950)	I	H	K	L	H-K
352.52	2.77	17 12 15.0	-33 35 57	8.2	5.8	5.5		0.3
352.60	2.76	17 12 30.6	-33 32 57			6.4		
352.74	2.75	17 12 55.4	-33 25 58		6.1	5.5		0.6
352.68	2.63	17 13 12.7	-33 33 29			6.0		
352.80	2.61	17 13 38.9	-33 28 0			6.5		
352.80	2.45	17 14 16.6	-33 33 31			6.3		
352.86	2.43	17 14 32.0	-33 31 32		6.2	5.9		0.3
352.93	2.24	17 15 26.3	-33 34 33			6.5		
353.06	2.29	17 15 35.5	-33 26 34	8.5	6.3	5.7		0.6
353.03	2.25	17 15 40.3	-33 29 34			6.2		
352.96	2.16	17 15 51.9	-33 36 4	8.0	6.4	6.2		0.2
352.99	2.16	17 15 54.5	-33 34 34			6.3		
353.11	2.15	17 16 16.6	-33 29 5		6.2	5.3		0.9
353.05	2.10	17 16 20.0	-33 33 35			6.2		
353.05	2.04	17 16 34.0	-33 35 36		6.2	5.9		0.3
353.39	1.84	17 18 17.8	-33 26 10			5.9		
353.43	1.75	17 18 44.1	-33 27 11		5.8	4.7		1.1
353.38	1.72	17 18 45.3	-33 30 41			5.9		
353.43	1.73	17 18 50.5	-33 27 41		6.5	5.7		0.8
353.32	1.64	17 18 52.6	-33 36 11			5.9		
353.45	1.53	17 19 39.8	-33 33 43		6.5	5.8		0.7
353.55	1.60	17 19 42.0	-33 26 13			6.2		
353.52	1.57	17 19 43.7	-33 28 43	8.3	5.3	5.0		0.3
353.70	1.43	17 20 46.7	-33 24 45			6.0		
353.60	1.23	17 21 16.0	-33 36 16			6.0		
353.64	1.25	17 21 16.8	-33 33 46			6.2		
353.77	1.33	17 21 19.4	-33 24 46		6.3	5.8		0.5
353.64	1.15	17 21 41.7	-33 37 17		5.9	5.5		0.4
353.79	1.16	17 22 3.0	-33 29 18	6.8	4.8	4.5		0.3
353.83	1.14	17 22 15.8	-33 28 18		6.1	5.2		0.9
353.81	1.10	17 22 20.9	-33 30 48			6.5		
353.83	1.10	17 22 24.2	-33 29 18			6.3		
353.94	1.06	17 22 50.2	-33 25 19		6.4	6.1		0.3
353.97	1.03	17 23 4.2	-33 24 50			6.1		
353.96	0.91	17 23 30.9	-33 29 21	7.1	4.1	3.6		0.5
353.90	0.87	17 23 31.4	-33 33 51			6.4		
353.95	0.89	17 23 34.7	-33 30 51			6.4		
353.91	0.86	17 23 34.8	-33 33 51			6.4		
354.00	0.88	17 23 44.2	-33 28 21			6.4		
353.99	0.85	17 23 50.0	-33 30 22			6.4		
353.93	0.80	17 23 50.3	-33 34 52			6.2		
354.07	0.88	17 23 56.1	-33 24 52			5.7		
353.97	0.71	17 24 18.9	-33 35 53		6.4	6.2		0.2
354.01	0.65	17 24 40.0	-33 35 53			6.0		
354.15	0.73	17 24 43.4	-33 26 23		5.7	5.2		0.5

LII	BII	RA(1950)	DEC(1950)	I	H	K	L	H-K
354.10	0.66	17 24 51.7	-33 30 54			6.4		
354.07	0.56	17 25 11.6	-33 35 24		5.8	4.9		0.9
354.09	0.51	17 25 27.2	-33 36 25			6.4		
354.22	0.55	17 25 38.4	-33 28 25			6.0		
354.27	0.58	17 25 39.7	-33 24 55			6.1		
354.13	0.43	17 25 53.6	-33 37 26			6.1		
354.26	0.49	17 25 59.5	-33 28 56			5.7		
354.23	0.32	17 26 35.8	-33 35 57			5.7		
354.33	0.36	17 26 40.7	-33 29 28			5.4		
354.35	0.34	17 26 50.3	-33 28 58	7.8	3.3	2.6	2.0	0.7
354.42	0.31	17 27 6.6	-33 26 59			6.3		
354.38	0.28	17 27 8.4	-33 29 29			5.1		
354.29	0.19	17 27 16.5	-33 37 29		6.4	5.6		0.8
354.42	0.24	17 27 23.3	-33 28 59			5.3		
354.41	0.22	17 27 27.9	-33 30 29			6.4		
354.36	0.18	17 27 30.0	-33 33 60	6.8	5.6	5.5		0.1
354.46	0.20	17 27 38.9	-33 28 30			6.3		
354.46	0.19	17 27 41.8	-33 28 30			6.3		
354.49	0.15	17 27 58.8	-33 28 31			5.6		
354.53	0.17	17 27 59.9	-33 26 0			5.3		
354.50	0.07	17 28 16.9	-33 30 31			5.8		
354.46	0.04	17 28 19.1	-33 34 1			5.9		
354.47	0.0	17 28 28.3	-33 34 32			6.5		
354.60	0.07	17 28 33.6	-33 25 32			6.2		
354.46	-0.03	17 28 35.0	-33 36 2		6.3	5.5		0.8
354.46	-0.03	17 28 36.7	-33 36 2			6.3		
354.59	0.05	17 28 38.3	-33 27 2	7.8	4.1	3.7		0.4
354.60	0.03	17 28 44.0	-33 27 2		6.5	6.0		0.5
354.58	-0.07	17 29 4.6	-33 31 3		5.6	4.7		0.9
354.56	-0.11	17 29 10.0	-33 33 33			6.3		
354.64	-0.09	17 29 18.3	-33 29 3			6.2		
354.68	-0.06	17 29 19.4	-33 26 3		6.0	5.6		0.4
354.71	-0.08	17 29 26.3	-33 25 4			6.3		
354.61	-0.18	17 29 35.1	-33 33 34		6.5	5.7		0.8
354.70	-0.17	17 29 48.4	-33 28 34			6.2		
354.59	-0.25	17 29 49.0	-33 36 34	8.1	6.3	5.9		0.4
354.69	-0.23	17 29 59.5	-33 31 5			6.2		
354.62	-0.28	17 30 1.9	-33 36 5			6.1		
354.75	-0.20	17 30 3.0	-33 27 5		6.0	5.7		0.3
354.75	-0.24	17 30 11.4	-33 28 5		5.5	4.9		0.6
354.78	-0.22	17 30 12.2	-33 26 35			6.2		
354.72	-0.27	17 30 13.1	-33 31 5			6.2		
354.69	-0.31	17 30 19.1	-33 33 36		6.1	5.6		0.5
354.64	-0.35	17 30 22.4	-33 37 36		6.5	5.6		0.9
354.74	-0.30	17 30 25.5	-33 31 6		6.4	5.6		0.8

LII	BII	RA(1950)	DEC(1950)	I	H	K	L	H-K
354.69	-0.36	17 30 30.6	-33 35 6			6.3		
354.79	-0.30	17 30 32.5	-33 28 36			5.8		
354.67	-0.40	17 30 39.1	-33 37 36		5.6	5.0		0.6
354.81	-0.31	17 30 40.2	-33 27 36			6.4		
354.76	-0.37	17 30 43.5	-33 32 6		5.4	4.7		0.7
354.77	-0.38	17 30 48.9	-33 32 7	7.4	4.9	4.5		0.4
354.70	-0.44	17 30 52.8	-33 37 37			6.3		
354.83	-0.38	17 30 56.9	-33 29 7		6.5	5.7		0.8
354.89	-0.36	17 31 2.5	-33 25 7			6.0		
354.75	-0.45	17 31 3.0	-33 35 7			5.9		
354.89	-0.48	17 31 32.2	-33 29 8			6.5		
354.93	-0.51	17 31 46.0	-33 28 39	8.6		6.4		
354.85	-0.60	17 31 53.3	-33 35 9			6.5		
354.86	-0.61	17 31 59.5	-33 35 9			6.2		
354.94	-0.59	17 32 6.8	-33 30 10			6.4		
354.85	-0.65	17 32 7.7	-33 36 39	4.6	1.8	1.4	1.1	0.4
355.01	-0.56	17 32 10.5	-33 25 40		6.1	5.5		0.6
354.94	-0.68	17 32 26.7	-33 33 10		6.3	5.6		0.7
355.01	-0.64	17 32 29.7	-33 28 40		6.0	4.8		1.2
354.94	-0.72	17 32 36.1	-33 34 41			6.3		
355.04	-0.69	17 32 47.3	-33 28 41	8.6	6.4	5.5		0.9
355.02	-0.71	17 32 47.3	-33 30 11		5.9	5.0		0.9
354.95	-0.75	17 32 47.5	-33 35 11			6.0		
355.06	-0.70	17 32 51.3	-33 27 41	4.3	1.5	1.0	0.1	0.5
355.07	-0.71	17 32 55.1	-33 27 41	5.8	3.7	3.3		0.4
355.01	-0.80	17 33 6.9	-33 33 42		5.8	5.4		0.4
355.09	-0.75	17 33 8.0	-33 27 42	7.9	6.2	5.9		0.3
355.05	-0.78	17 33 8.9	-33 31 12	8.0	5.5	5.0		0.5
355.05	-0.81	17 33 15.5	-33 32 12	8.6	3.8	3.1		0.7
355.07	-0.79	17 33 16.5	-33 30 12		6.4	5.6		0.8
355.02	-0.84	17 33 18.9	-33 34 12			6.1		
355.09	-0.82	17 33 26.9	-33 30 12		6.5	5.8		0.7
355.00	-0.88	17 33 27.0	-33 36 42		6.1	5.8		0.3
355.14	-0.85	17 33 40.9	-33 28 43			6.3		
355.17	-0.84	17 33 42.6	-33 26 43			6.4		
355.17	-0.87	17 33 48.8	-33 27 43			6.1		
355.21	-0.88	17 33 56.9	-33 26 13			6.2		
355.18	-0.90	17 33 58.3	-33 28 13			6.2		
355.09	-0.96	17 34 0.1	-33 34 44			6.1		
355.10	-0.97	17 34 3.0	-33 34 44			6.5		
355.06	-1.01	17 34 7.2	-33 37 44		5.8	5.3		0.5
355.17	-0.94	17 34 8.5	-33 30 14			6.1		
355.18	-0.98	17 34 16.9	-33 31 14			6.5		
355.21	-0.96	17 34 19.2	-33 28 44			6.4		
355.15	-1.01	17 34 19.8	-33 33 44			6.2		

LII	BII	RA(1950)	DEC(1950)	I	H	K	L	H-K
355.14	-1.02	17 34 22.6	-33 34 14		5.4	5.1		0.3
355.23	-0.98	17 34 26.3	-33 28 45	8.5	6.1	5.2		0.9
355.12	-1.09	17 34 34.5	-33 37 45		6.5	5.9		0.6
355.26	-1.00	17 34 35.6	-33 27 45	7.7	5.9	5.4		0.5
355.23	-1.02	17 34 37.2	-33 29 45		5.8	4.9		0.9
355.27	-1.01	17 34 38.4	-33 27 15	7.4	5.8	5.6		0.2
355.30	-1.01	17 34 45.4	-33 25 45			6.0		
355.30	-1.14	17 35 14.9	-33 30 16		6.4	5.7		0.7
355.31	-1.15	17 35 19.9	-33 30 17			6.3		
355.38	-1.15	17 35 30.5	-33 26 17		6.4	6.0		0.4
355.28	-1.28	17 35 45.8	-33 35 47			6.1		
355.33	-1.25	17 35 46.9	-33 32 17	8.6		6.4		
355.32	-1.28	17 35 52.2	-33 33 18			6.5		
355.44	-1.21	17 35 54.5	-33 25 18			5.8		
355.44	-1.27	17 36 9.6	-33 27 18			6.2		
355.32	-1.36	17 36 11.2	-33 36 18	7.1	6.3	6.0		0.3
355.42	-1.30	17 36 13.8	-33 29 18		6.5	6.4		0.1
355.40	-1.37	17 36 27.8	-33 32 19			6.4		
355.48	-1.32	17 36 28.3	-33 26 49		5.8	5.3		0.5
355.50	-1.33	17 36 31.7	-33 26 19			6.4		
355.41	-1.40	17 36 35.1	-33 32 49	7.5	4.7	4.3		0.4
355.52	-1.34	17 36 39.6	-33 25 19		6.4	6.1		0.3
355.49	-1.44	17 36 56.5	-33 30 20		5.7	4.9		0.8
355.38	-1.51	17 36 56.8	-33 37 50	8.1	5.5	5.1		0.4
355.47	-1.50	17 37 9.0	-33 32 50			6.2		
355.62	-1.51	17 37 34.5	-33 25 51			6.3		
355.54	-1.59	17 37 42.8	-33 32 22		6.4	5.6		0.8
355.63	-1.59	17 37 55.4	-33 27 52			6.0		
355.68	-1.65	17 38 17.1	-33 27 23	7.9	4.9	4.6		0.3
355.69	-1.71	17 38 32.7	-33 28 53		6.4	6.3		0.1
355.70	-1.73	17 38 40.0	-33 28 54	4.5	2.9	2.6		0.3
355.74	-1.70	17 38 40.4	-33 25 54			6.5		
355.71	-1.79	17 38 56.5	-33 30 24		5.8	5.1		0.7
355.76	-1.77	17 39 0.1	-33 26 54		5.7	5.4		0.3
355.68	-1.85	17 39 6.5	-33 33 55		5.3	4.8		0.5
355.64	-1.91	17 39 15.9	-33 37 55		6.3	5.7		0.6
355.72	-1.93	17 39 31.7	-33 34 26		6.3	5.9		0.4
355.72	-1.94	17 39 36.1	-33 34 26			6.2		
355.86	-1.89	17 39 43.0	-33 25 56			6.5		
355.78	-2.04	17 40 9.4	-33 34 27		6.5	6.1		0.4
355.86	-2.00	17 40 10.2	-33 28 57		5.1	4.4		0.7
355.75	-2.09	17 40 16.6	-33 37 57		5.8	5.0		0.8
355.95	-2.05	17 40 35.9	-33 25 58			6.4		
355.91	-2.11	17 40 44.5	-33 30 28			6.2		
355.94	-2.15	17 40 58.2	-33 29 59			6.3		

LII	BII	RA(1950)	DEC(1950)	I	H	K	L	H-K
356.04	-2.18	17 41 21.5	-33 26 0	7.9	4.4	4.0		0.4
356.01	-2.20	17 41 23.1	-33 28 0			6.3		
356.06	-2.21	17 41 31.7	-33 25 30		6.3	5.4		0.9
356.01	-2.26	17 41 36.6	-33 29 30	8.3	5.8	5.3		0.5
355.94	-2.37	17 41 54.3	-33 37 1			6.4		
356.09	-2.30	17 41 59.5	-33 27 1		5.8	5.3		0.5
356.13	-2.33	17 42 11.1	-33 26 1			6.4		
356.00	-2.43	17 42 16.6	-33 35 32		5.9	5.1		0.8
356.01	-2.43	17 42 19.4	-33 35 2	8.5	5.5	5.0		0.5
356.08	-2.46	17 42 37.8	-33 32 32			6.2		
356.13	-2.47	17 42 45.7	-33 30 33			6.3		
356.17	-2.52	17 43 4.4	-33 30 3	8.0	5.3	4.9		0.4
356.07	-2.58	17 43 4.9	-33 36 33	6.5	3.4	3.1		0.3
356.24	-2.49	17 43 7.0	-33 25 33		6.2	6.0		0.2
356.10	-2.59	17 43 11.6	-33 35 34			6.3		
356.26	-2.62	17 43 42.3	-33 28 35			6.4		

FIELD CENTER LII=356.0 BII=0.0

LII	BII	RA(1950)	DEC(1950)	I	H	K	L	H-K
355.16	1.65	17 23 49.0	-32 4 52	8.4		6.4		
355.35	1.55	17 24 42.1	-31 58 54			6.3		
355.39	1.54	17 24 49.3	-31 57 24		5.7	4.9		0.8
355.23	1.44	17 24 49.5	-32 8 54	8.3		6.3		
355.37	1.51	17 24 53.4	-31 59 24	8.0	4.8	4.5		0.3
355.40	1.45	17 25 12.3	-31 59 55			5.9		
355.40	1.29	17 25 50.1	-32 4 56			6.5		
355.53	1.23	17 26 25.2	-32 0 57		6.4	6.1		0.3
355.59	1.19	17 26 45.8	-31 58 58			6.4		
355.51	1.12	17 26 49.2	-32 5 28			6.5		
355.54	1.09	17 27 1.0	-32 4 59	5.4	3.6	3.5		0.1
355.64	1.05	17 27 24.9	-32 1 29	7.5	4.9	4.4		0.5
355.61	1.00	17 27 33.3	-32 4 30	8.4	6.3	5.9		0.4
355.67	1.01	17 27 39.5	-32 1 0			6.3		
355.65	0.93	17 27 54.4	-32 4 30		5.9	5.5		0.4
355.70	0.96	17 27 56.0	-32 1 31		5.8	5.1		0.7
355.75	0.96	17 28 2.8	-31 58 31		5.9	5.8		0.1
355.69	0.92	17 28 3.7	-32 3 1		6.4	6.0		0.4
355.68	0.90	17 28 6.2	-32 4 31			5.9		
355.67	0.87	17 28 12.2	-32 6 1			6.3		
355.84	0.79	17 28 58.0	-32 0 3			6.4		
355.85	0.69	17 29 24.1	-32 2 34			6.1		
355.77	0.62	17 29 27.2	-32 9 4		6.2	5.6		0.6
355.90	0.69	17 29 31.1	-32 0 4		5.6	4.9		0.7
355.83	0.61	17 29 38.5	-32 6 4		6.4	6.0		0.4
355.85	0.55	17 29 55.8	-32 7 5		6.3	5.8		0.5
355.94	0.52	17 30 16.0	-32 3 35		6.5	6.2		0.3
355.95	0.51	17 30 19.4	-32 3 36			6.4		
356.01	0.55	17 30 21.5	-31 59 6		6.3	5.5		0.8
355.89	0.44	17 30 27.1	-32 9 6		6.3	5.0		1.3
356.02	0.50	17 30 33.3	-32 0 6			5.9		
356.02	0.42	17 30 54.2	-32 3 7		6.1	4.9		1.2
356.13	0.42	17 31 10.8	-31 57 38		6.2	4.8		1.4
356.04	0.31	17 31 21.1	-32 5 38			6.4		
356.07	0.24	17 31 44.4	-32 6 39			6.4		
356.12	0.16	17 32 9.3	-32 6 40		5.9	5.4		0.5
356.25	0.24	17 32 12.3	-31 57 40		6.1	5.0		1.1
356.23	0.21	17 32 15.1	-31 59 10		3.6	2.8		0.8
356.28	0.19	17 32 28.5	-31 57 40		6.5	6.1		0.4
356.20	0.13	17 32 29.2	-32 3 10		5.8	5.1		0.7
356.23	0.07	17 32 49.0	-32 4 11			6.1		
356.22	-0.01	17 33 6.1	-32 6 42		6.4	5.6		0.8
356.22	-0.03	17 33 9.6	-32 7 42			6.3		
356.28	-0.04	17 33 22.8	-32 5 12			6.3		
356.24	-0.11	17 33 33.9	-32 9 13		5.6	5.1		0.5

LII	BII	RA(1950)	DEC(1950)	I	H	K	L	H-K
356.26	-0.14	17 33 43.5	-32 9 13			6.1		
356.40	-0.07	17 33 47.8	-32 0 13			6.3		
356.47	-0.11	17 34 7.1	-31 57 44			6.2		
356.33	-0.19	17 34 7.2	-32 7 14			6.3		
356.38	-0.16	17 34 8.0	-32 3 44			6.3		
356.38	-0.22	17 34 21.3	-32 5 44			5.7		
356.43	-0.20	17 34 24.4	-32 2 45			5.9		
356.36	-0.27	17 34 30.4	-32 8 15			6.3		
356.37	-0.28	17 34 33.1	-32 8 15			5.9		
356.45	-0.27	17 34 43.4	-32 4 15			6.2		
356.41	-0.33	17 34 52.1	-32 7 45	7.6	3.2	2.5	1.8	0.7
356.46	-0.33	17 35 1.0	-32 5 16		5.3	4.6		0.7
356.58	-0.29	17 35 7.5	-31 57 46		6.4	6.1		0.3
356.50	-0.40	17 35 22.2	-32 5 17			5.8		
356.55	-0.38	17 35 25.5	-32 2 17		4.7	4.0		0.7
356.50	-0.44	17 35 30.0	-32 6 47		6.2	5.7		0.5
356.53	-0.42	17 35 32.0	-32 4 47			5.9		
356.57	-0.40	17 35 32.6	-32 2 17			6.1		
356.53	-0.45	17 35 38.2	-32 5 47			6.0		
356.59	-0.41	17 35 38.4	-32 1 17		6.4	5.6		0.8
356.56	-0.47	17 35 47.3	-32 4 48			6.1		
356.61	-0.45	17 35 51.7	-32 1 48		6.4	5.9		0.5
356.64	-0.51	17 36 9.9	-32 1 48		6.4	5.8		0.6
356.59	-0.61	17 36 27.2	-32 7 49		6.4	5.9		0.5
356.72	-0.58	17 36 36.9	-32 0 19	8.6		6.4		
356.62	-0.65	17 36 40.2	-32 7 50			6.3		
356.76	-0.57	17 36 40.9	-31 57 50			6.3		
356.72	-0.61	17 36 45.0	-32 0 50		5.8	4.9		0.9
356.75	-0.59	17 36 45.1	-31 59 20			6.4		
356.66	-0.69	17 36 55.8	-32 6 50			6.4		
356.72	-0.67	17 36 58.9	-32 3 20			5.8		
356.73	-0.78	17 37 27.3	-32 5 51			6.2		
356.76	-0.77	17 37 29.1	-32 4 21			6.4		
356.82	-0.75	17 37 34.1	-32 0 22			6.4		
356.80	-0.80	17 37 42.6	-32 3 22			6.4		
356.79	-0.88	17 37 59.2	-32 6 22	7.7	5.6	5.5		0.1
356.79	-0.93	17 38 12.8	-32 7 53			6.4		
356.86	-0.94	17 38 25.0	-32 4 23		6.5	5.9		0.6
356.95	-0.98	17 38 47.6	-32 1 24	7.4	5.8	5.5		0.3
356.97	-1.06	17 39 10.0	-32 2 55		4.8	4.2		0.6
356.98	-1.15	17 39 34.5	-32 5 26			5.9		
357.04	-1.17	17 39 46.7	-32 2 56	7.9	6.1	6.2		-0.1
357.08	-1.14	17 39 47.8	-31 59 56			5.9		
356.98	-1.21	17 39 47.8	-32 7 26		6.1	5.7		0.4
357.07	-1.16	17 39 49.5	-32 0 56	8.6	6.1	5.1		1.0

LII	BII	RA(1950)	DEC(1950)	I	H	K	L	H-K
357.07	-1.28	17 40 18.3	-32 4 57			6.2		
357.12	-1.24	17 40 18.9	-32 0 57		5.8	5.2		0.6
357.17	-1.22	17 40 20.2	-31 57 57			6.1		
357.19	-1.29	17 40 39.0	-31 58 58			5.9		
357.12	-1.36	17 40 44.5	-32 4 58			6.1		
357.22	-1.36	17 41 0.9	-31 59 59			6.1		
357.19	-1.52	17 41 34.7	-32 6 30		6.4	5.8		0.6
357.29	-1.49	17 41 42.9	-32 0 31		6.4	5.9		0.5
357.31	-1.51	17 41 48.9	-32 0 1			6.4		
357.39	-1.58	17 42 18.1	-31 58 2			5.7		
357.26	-1.71	17 42 32.2	-32 8 32			6.4		
357.32	-1.73	17 42 45.6	-32 6 33		5.5	4.9		0.6
357.38	-1.70	17 42 46.2	-32 2 33			6.4		
357.37	-1.75	17 42 56.8	-32 4 33	7.7	6.4	6.0		0.4
357.47	-2.05	17 44 25.3	-32 8 36			5.7		
357.63	-1.97	17 44 29.6	-31 58 7			6.3		
357.59	-2.15	17 45 5.7	-32 5 38		6.4	5.7		0.7
357.69	-2.16	17 45 23.8	-32 0 39		6.0	5.3		0.7
357.64	-2.23	17 45 33.3	-32 5 39			6.4		
357.73	-2.34	17 46 12.8	-32 4 10			6.4		
357.73	-2.38	17 46 21.5	-32 5 41			6.3		
357.86	-2.41	17 46 49.8	-31 59 42			6.4		
357.79	-2.49	17 46 57.7	-32 6 12			6.3		
357.78	-2.56	17 47 11.9	-32 8 42		6.4	5.6		0.8
357.93	-2.47	17 47 13.2	-31 58 12		6.4	6.2		0.2
357.82	-2.54	17 47 14.4	-32 5 43			6.3		

FIELD CENTER LII=359.0 BII=0.0

LII	BII	RA(1950)	DEC(1950)	I	H	K	L	H-K
357.33	2.78	17 25 5.5	-29 39 24		6.3	5.6		0.7
357.33	2.69	17 25 25.2	-29 42 25			6.5		
357.36	2.71	17 25 26.6	-29 39 55			6.4		
357.39	2.73	17 25 28.3	-29 37 55	8.4	6.4	6.4		0.0
357.42	2.68	17 25 43.0	-29 38 26			6.4		
357.46	2.61	17 26 5.2	-29 38 26			6.1		
357.54	2.54	17 26 33.5	-29 36 58	8.2	6.4	6.1		0.3
357.49	2.49	17 26 37.8	-29 40 58			6.2		
357.57	2.42	17 27 5.3	-29 39 29		5.9	5.4		0.5
357.64	2.29	17 27 45.3	-29 40 0			6.4		
357.72	2.26	17 28 4.0	-29 37 1			6.3		
357.73	2.25	17 28 7.2	-29 37 1	8.4	4.9	4.6		0.3
357.68	2.16	17 28 21.7	-29 42 31		6.4	6.1		0.3
357.81	2.13	17 28 47.2	-29 37 2	8.5	5.3	4.7		0.6
357.78	2.09	17 28 52.8	-29 39 32			6.2		
357.78	2.07	17 28 57.4	-29 40 3			6.2		
357.80	2.03	17 29 8.9	-29 40 33		6.2	5.9		0.3
357.90	1.94	17 29 45.9	-29 38 34			6.4		
357.94	1.94	17 29 52.0	-29 37 5	6.6	5.9	6.2		-0.3
357.92	1.88	17 30 1.9	-29 39 35			5.9		
357.96	1.83	17 30 19.9	-29 39 36		6.3	6.2		0.1
357.99	1.81	17 30 27.9	-29 38 36	7.1	4.8	4.6		0.2
358.02	1.74	17 30 50.6	-29 39 7	8.2	4.4	3.7		0.7
357.98	1.70	17 30 53.4	-29 42 37			6.4		
358.02	1.73	17 30 54.3	-29 39 37			5.9		
358.06	1.66	17 31 14.5	-29 40 8			6.4		
358.08	1.66	17 31 18.3	-29 38 38			6.4		
358.11	1.63	17 31 30.0	-29 38 8			6.4		
358.15	1.58	17 31 46.7	-29 38 9		6.5	5.8		0.7
358.17	1.54	17 31 59.4	-29 38 9		6.3	6.0		0.3
358.15	1.51	17 32 3.3	-29 40 9			6.3		
358.19	1.52	17 32 6.2	-29 38 10			6.5		
358.14	1.49	17 32 6.2	-29 41 39			6.4		
358.21	1.48	17 32 18.4	-29 38 10			6.3		
358.17	1.45	17 32 18.8	-29 41 10	8.4	5.5	5.0		0.5
358.21	1.41	17 32 35.5	-29 40 40			6.2		
358.19	1.38	17 32 38.1	-29 42 41			6.1		
358.27	1.42	17 32 41.8	-29 37 11			6.0		
358.25	1.38	17 32 48.6	-29 39 41			6.1		
358.29	1.39	17 32 52.3	-29 37 11			6.4		
358.33	1.27	17 33 26.6	-29 39 12			6.3		
358.29	1.22	17 33 31.8	-29 42 43		6.4	6.3		0.1
358.36	1.24	17 33 37.6	-29 38 13	7.9	5.9	5.7		0.2
358.35	1.15	17 33 57.3	-29 41 43	8.5	6.3	6.0		0.3
358.42	1.19	17 33 58.3	-29 37 14			6.4		

LII	BII	RA(1950)	DEC(1950)	I	H	K	L	H-K
358.35	1.13	17 34 2.5	-29 42 44	7.8	6.3	5.9		0.4
358.38	1.13	17 34 5.2	-29 41 14			5.6		
358.44	1.15	17 34 9.4	-29 37 14			6.0		
358.41	1.11	17 34 14.8	-29 40 14		5.3	4.7		0.6
358.43	1.10	17 34 19.3	-29 39 44			5.8		
358.40	1.04	17 34 29.2	-29 42 45			6.2		
358.43	1.04	17 34 33.7	-29 41 45			6.4		
358.42	1.01	17 34 38.9	-29 42 45			6.1		
358.49	0.99	17 34 55.3	-29 40 16		6.0	5.5		0.5
358.51	0.96	17 35 4.7	-29 40 16		6.0	5.2		0.8
358.53	0.93	17 35 15.5	-29 39 46			6.3		
358.57	0.89	17 35 29.5	-29 39 17			6.4		
358.63	0.74	17 36 13.8	-29 40 48		5.4	4.6		0.8
358.71	0.74	17 36 25.5	-29 37 19			6.2		
358.70	0.71	17 36 31.4	-29 38 19			6.0		
358.75	0.67	17 36 46.7	-29 37 20	8.6	5.1	4.6		0.5
358.72	0.63	17 36 51.9	-29 39 50			6.0		
358.73	0.58	17 37 5.2	-29 40 50			6.3		
358.73	0.52	17 37 19.1	-29 42 51			6.3		
358.80	0.50	17 37 35.0	-29 39 51			6.4		
358.81	0.48	17 37 41.4	-29 40 22			6.2		
358.88	0.46	17 37 55.3	-29 37 22		6.2	5.6		0.6
358.89	0.41	17 38 9.6	-29 38 23			6.0		
358.91	0.35	17 38 27.0	-29 39 23			6.1		
358.90	0.32	17 38 32.6	-29 40 53			6.4		
358.98	0.31	17 38 45.6	-29 37 24			6.4		
359.02	0.20	17 39 17.1	-29 38 25			5.6		
358.98	0.17	17 39 17.8	-29 41 25			6.5		
359.00	0.10	17 39 36.5	-29 42 56			5.9		
359.08	0.14	17 39 39.4	-29 37 26			5.7		
359.05	0.11	17 39 42.7	-29 39 56			5.7		
359.06	-0.01	17 40 12.2	-29 42 57			6.2		
359.12	-0.06	17 40 32.6	-29 41 58		6.5	6.1		0.4
359.15	-0.05	17 40 33.1	-29 39 58			5.6		
359.19	-0.11	17 40 55.0	-29 39 59			6.4		
359.20	-0.15	17 41 5.0	-29 40 29			4.9		
359.25	-0.13	17 41 8.9	-29 37 29			5.4		
359.23	-0.20	17 41 21.2	-29 40 30			6.4		
359.31	-0.32	17 42 2.1	-29 40 31			6.4		
359.27	-0.35	17 42 3.4	-29 43 1			6.4		
359.36	-0.35	17 42 17.5	-29 38 32			5.5		
359.40	-0.37	17 42 26.1	-29 37 32		5.8	4.9		0.9
359.34	-0.45	17 42 36.8	-29 43 2			5.4		
359.41	-0.44	17 42 44.3	-29 39 3	8.0	4.8	4.5		0.3
359.42	-0.51	17 43 2.8	-29 40 33	7.6	5.4	5.1		0.3

LII	BII	RA(1950)	DEC(1950)	I	H	K	L	H-K
359.49	-0.52	17 43 13.9	-29 37 34		6.5	5.7		0.8
359.46	-0.57	17 43 22.7	-29 40 34			6.3		
359.48	-0.58	17 43 27.1	-29 40 4	6.2	3.8	3.4		0.4
359.60	-0.70	17 44 12.1	-29 37 36	7.5	6.1	5.8		0.3
359.60	-0.73	17 44 20.0	-29 38 36			6.1		
359.57	-0.76	17 44 23.3	-29 40 36			6.4		
359.69	-0.85	17 45 0.0	-29 37 38			6.3		
359.69	-0.89	17 45 10.9	-29 38 38		6.4	6.2		0.2
359.65	-0.92	17 45 12.6	-29 41 38			6.5		
359.70	-0.90	17 45 14.0	-29 38 38		5.8	5.1		0.7
359.70	-0.96	17 45 29.3	-29 40 39			5.8		
359.71	-0.97	17 45 33.6	-29 40 9			5.9		
359.76	-0.98	17 45 42.1	-29 37 39		6.3	6.3		0.0
359.72	-1.08	17 45 59.2	-29 43 10			6.2		
359.81	-1.06	17 46 7.7	-29 37 40			6.1		
359.81	-1.09	17 46 15.5	-29 39 10		6.0	5.3		0.7
359.85	-1.20	17 46 45.9	-29 40 11			6.4		
359.88	-1.19	17 46 49.3	-29 38 42		5.6	5.2		0.4
359.87	-1.23	17 46 55.4	-29 40 12		5.8	5.4		0.4
359.86	-1.28	17 47 8.5	-29 42 12	8.4	5.3	5.1		0.2
359.99	-1.34	17 47 39.6	-29 37 43			6.4		
359.98	-1.37	17 47 46.1	-29 38 44		6.2	5.9		0.3
359.98	-1.41	17 47 55.5	-29 40 14			6.4		
359.95	-1.47	17 48 5.2	-29 43 14		6.3	6.0		0.3
0.05	-1.50	17 48 26.4	-29 39 15	8.0	5.4	5.1		0.3
0.12	-1.57	17 48 54.6	-29 37 46	5.2	2.6	2.4	2.1	0.2
0.14	-1.64	17 49 11.6	-29 38 47		6.5	6.0		0.5
0.17	-1.70	17 49 29.4	-29 39 17			6.2		
0.20	-1.71	17 49 37.1	-29 37 48	8.2	5.6	5.3		0.3
0.18	-1.80	17 49 55.5	-29 41 48			6.3		
0.23	-1.79	17 50 0.8	-29 39 18		6.4	5.9		0.5
0.25	-1.82	17 50 11.1	-29 38 49			6.1		
0.27	-1.92	17 50 36.1	-29 40 50			6.2		
0.27	-1.93	17 50 39.3	-29 41 20		6.4	6.0		0.4
0.31	-1.91	17 50 40.6	-29 38 50		6.4	5.9		0.5
0.34	-1.97	17 50 57.9	-29 38 51			6.3		
0.29	-2.00	17 51 0.1	-29 42 21			6.2		
0.31	-2.02	17 51 6.2	-29 41 51		6.3	5.7		0.6
0.33	-2.01	17 51 7.9	-29 40 21	8.0	4.4	3.9		0.5
0.31	-2.06	17 51 16.6	-29 43 21			6.4		
0.36	-2.05	17 51 21.2	-29 40 21	6.7	4.2	3.9		0.3
0.32	-2.09	17 51 24.2	-29 43 21			6.3		
0.35	-2.10	17 51 30.9	-29 42 22			6.5		
0.39	-2.10	17 51 36.1	-29 40 22		6.1	5.5		0.6
0.41	-2.11	17 51 40.7	-29 39 22		6.0	5.3		0.7

LII	BII	RA(1950)	DEC(1950)	I	H	K	L	H-K
0.40	-2.14	17 51 48.3	-29 40 52	8.4	5.7	5.3		0.4
0.43	-2.14	17 51 50.9	-29 39 22	6.7	4.4	4.3		0.1
0.47	-2.16	17 52 2.1	-29 37 53		6.0	5.6		0.4
0.48	-2.18	17 52 7.6	-29 37 53			6.3		
0.43	-2.23	17 52 12.6	-29 41 53			6.3		
0.45	-2.22	17 52 13.2	-29 40 23	7.6		6.4		
0.48	-2.30	17 52 36.8	-29 41 24			6.4		
0.55	-2.32	17 52 51.3	-29 38 55	6.5	4.4	4.2		0.2
0.56	-2.46	17 53 25.9	-29 42 26		6.0	5.5		0.5
0.60	-2.45	17 53 29.1	-29 39 56			6.0		
0.62	-2.51	17 53 45.6	-29 40 27	7.6	4.6	4.1		0.5
0.65	-2.54	17 53 59.2	-29 39 57			6.5		
0.73	-2.60	17 54 23.0	-29 37 58		6.4	6.3		0.1
0.65	-2.65	17 54 25.2	-29 43 28			6.4		
0.80	-2.79	17 55 17.8	-29 40 0		6.3	5.7		0.6
0.82	-2.80	17 55 24.1	-29 39 0		6.5	6.1		0.4
0.81	-2.89	17 55 43.4	-29 42 31			6.1		
0.87	-2.87	17 55 47.2	-29 39 1		4.9	4.7		0.2
0.85	-2.96	17 56 6.4	-29 42 32	6.4	4.1	3.8		0.3

FIELD CENTER LII=0.0 BII=0.0

LII	BII	RA(1950)	DEC(1950)	I	H	K	L	H-K
357.99	3.14	17 25 24.3	-28 54 20	8.0	6.2	6.0		0.2
357.84	3.03	17 25 26.4	-29 5 19	6.4	4.4	4.3		0.1
357.90	3.07	17 25 27.3	-29 1 20			6.2		
357.98	3.03	17 25 48.6	-28 58 21			6.3		
357.83	2.92	17 25 50.1	-29 9 20			6.4		
358.05	3.05	17 25 54.2	-28 54 21			6.1		
357.87	2.91	17 25 57.7	-29 7 50		5.0	4.5		0.5
358.01	2.98	17 26 3.5	-28 58 21			6.0		
358.08	3.00	17 26 9.5	-28 54 22			6.5		
358.05	2.97	17 26 12.7	-28 56 52			6.3		
358.01	2.90	17 26 21.8	-29 1 22			6.1		
358.13	2.93	17 26 35.0	-28 54 22			6.0		
357.97	2.77	17 26 46.3	-29 7 52			6.0		
358.12	2.86	17 26 49.2	-28 57 23			6.3		
358.15	2.86	17 26 52.6	-28 55 53			6.4		
358.03	2.74	17 27 1.8	-29 5 54			6.1		
358.06	2.75	17 27 4.9	-29 3 53		6.5	6.0		0.5
358.21	2.84	17 27 7.8	-28 53 24			6.3		
357.99	2.67	17 27 12.3	-29 10 24	8.1	6.1	6.2		-0.1
358.17	2.78	17 27 13.4	-28 57 24			6.4		
358.01	2.63	17 27 25.0	-29 10 24			6.2		
358.23	2.77	17 27 26.3	-28 54 54	8.2		6.4		
358.16	2.68	17 27 35.1	-29 0 54			6.5		
358.06	2.60	17 27 38.1	-29 8 55	7.2	4.0	3.6		0.4
358.27	2.72	17 27 43.9	-28 54 25			6.2		
358.14	2.54	17 28 4.1	-29 6 55			6.0		
358.14	2.52	17 28 9.0	-29 7 55			6.1		
358.38	2.55	17 28 37.5	-28 54 27			6.3		
358.24	2.39	17 28 54.4	-29 6 57			6.0		
358.39	2.47	17 28 57.4	-28 56 28			6.4		
358.22	2.35	17 29 0.1	-29 9 27	8.7		6.4		
358.37	2.36	17 29 20.3	-29 1 28			6.3		
358.44	2.38	17 29 26.9	-28 57 29			6.1		
358.42	2.29	17 29 45.2	-29 0 58			6.2		
358.32	2.19	17 29 52.0	-29 9 29			6.4		
358.45	2.27	17 29 52.5	-29 0 29		6.2	6.1		0.1
358.39	2.23	17 29 53.8	-29 4 59	7.3	5.9	5.6		0.3
358.51	2.28	17 29 59.7	-28 57 0			6.4		
358.49	2.25	17 30 3.6	-28 58 59			6.4		
358.52	2.25	17 30 8.1	-28 57 30			6.5		
358.56	2.20	17 30 26.0	-28 57 1			6.4		
358.45	2.10	17 30 31.8	-29 5 30			6.5		
358.48	2.06	17 30 45.8	-29 5 31			6.4		
358.61	2.15	17 30 45.8	-28 56 2		5.4	4.9		0.5
358.46	1.99	17 30 59.4	-29 9 2			6.1		

LII	BII	RA(1950)	DEC(1950)	I	H	K	L	H-K
358.53	2.01	17 31 4.7	-29 4 31		5.8	5.3		0.5
358.51	1.99	17 31 7.0	-29 6 31		5.9	5.2		0.7
358.65	2.08	17 31 7.7	-28 56 32		6.2	5.7		0.5
358.62	2.02	17 31 15.8	-28 59 32			6.3		
358.54	1.96	17 31 18.3	-29 6 3		6.3	5.9		0.4
358.63	2.00	17 31 23.7	-29 0 2	8.5	4.1	3.3	2.2	0.8
358.65	1.97	17 31 32.2	-29 0 2			5.7		
358.74	2.02	17 31 33.1	-28 54 3			6.5		
358.55	1.89	17 31 34.8	-29 7 33			6.5		
358.75	1.97	17 31 47.1	-28 55 4		6.3	6.0		0.3
358.76	1.93	17 31 57.1	-28 55 34		5.9	5.4		0.5
358.70	1.86	17 32 5.0	-29 1 3		6.2	5.4		0.8
358.74	1.88	17 32 6.1	-28 58 34		5.8	5.3		0.5
358.81	1.92	17 32 7.7	-28 53 35			6.1		
358.80	1.90	17 32 10.0	-28 54 35			6.3		
358.73	1.83	17 32 16.7	-29 0 34			6.5		
358.80	1.86	17 32 21.1	-28 56 5			5.9		
358.83	1.86	17 32 23.2	-28 54 35			5.9		
358.82	1.84	17 32 28.7	-28 55 35			6.1		
358.75	1.77	17 32 34.6	-29 1 35		5.9	5.3		0.6
358.87	1.83	17 32 37.0	-28 53 36		4.8	4.4		0.4
358.85	1.81	17 32 39.0	-28 55 6	6.8	4.5	4.2		0.3
358.78	1.76	17 32 39.7	-29 0 35		6.3	6.2		0.1
358.67	1.69	17 32 40.4	-29 8 5			6.4		
358.64	1.66	17 32 41.9	-29 10 36			6.4		
358.83	1.77	17 32 46.1	-28 57 36			6.1		
358.78	1.72	17 32 49.6	-29 1 36			6.3		
358.69	1.63	17 32 55.6	-29 9 6			6.3		
358.84	1.71	17 33 0.3	-28 59 5		6.1	5.6		0.5
358.93	1.74	17 33 5.0	-28 53 37			6.3		
358.77	1.63	17 33 9.6	-29 5 6		6.1	5.8		0.3
358.73	1.56	17 33 17.9	-29 9 7	8.5		6.4		
358.93	1.66	17 33 24.1	-28 56 7			6.3		
358.83	1.59	17 33 27.6	-29 3 37		5.8	5.2		0.6
358.87	1.61	17 33 27.9	-29 0 37			6.4		
358.90	1.62	17 33 29.9	-28 58 37	8.1	6.1	6.0		0.1
358.93	1.59	17 33 40.7	-28 58 38			6.2		
358.89	1.57	17 33 41.2	-29 1 7			6.1		
358.97	1.60	17 33 43.5	-28 56 8			6.4		
358.92	1.56	17 33 46.9	-28 59 37			6.5		
359.02	1.57	17 33 59.1	-28 54 39			6.1		
359.00	1.55	17 34 1.0	-28 56 9		4.6	3.7		0.9
358.82	1.41	17 34 5.7	-29 9 38			6.4		
358.83	1.39	17 34 12.4	-29 9 38			6.5		
359.00	1.47	17 34 19.6	-28 58 39			6.2		

LII	BII	RA(1950)	DEC(1950)	I	H	K	L	H-K
359.07	1.46	17 34 31.1	-28 55 40			6.3		
359.10	1.41	17 34 48.2	-28 55 40			6.3		
359.14	1.41	17 34 53.3	-28 53 41	8.3	4.9	4.4		0.5
358.95	1.29	17 34 54.0	-29 7 9		6.3	5.5		0.8
359.03	1.33	17 34 55.3	-29 1 41	8.6		6.3		
359.10	1.37	17 34 56.9	-28 57 11			6.5		
359.14	1.33	17 35 13.2	-28 56 11		5.7	5.2		0.5
358.99	1.18	17 35 25.4	-29 8 41			6.1		
359.19	1.22	17 35 44.4	-28 57 12			6.3		
359.14	1.19	17 35 46.4	-29 0 42			6.4		
359.25	1.20	17 35 57.9	-28 54 43	8.1	6.5	6.0		0.5
359.22	1.18	17 35 59.6	-28 57 13			6.3		
359.06	1.06	17 36 4.1	-29 8 42			6.2		
359.11	1.08	17 36 6.3	-29 5 42		5.9	5.2		0.7
359.05	1.02	17 36 10.6	-29 10 43			6.2		
359.30	1.16	17 36 14.3	-28 53 43		5.9	5.7		0.2
359.10	1.01	17 36 20.2	-29 8 13	8.2		6.2		
359.30	1.12	17 36 25.6	-28 54 44			6.3		
359.12	0.99	17 36 29.1	-29 8 13			6.5		
359.32	1.09	17 36 36.0	-28 54 44			6.4		
359.28	1.01	17 36 47.9	-28 59 14			6.3		
359.15	0.91	17 36 51.4	-29 9 15	8.4	5.9	5.6		0.3
359.37	1.03	17 36 54.2	-28 54 15			6.5		
359.32	0.99	17 36 57.3	-28 58 15			6.4		
359.39	1.00	17 37 4.5	-28 54 15			6.1		
359.20	0.86	17 37 9.2	-29 8 14			6.1		
359.41	0.98	17 37 13.2	-28 53 46	6.8	6.3	5.8		0.5
359.35	0.91	17 37 20.2	-28 59 15		6.4	5.9		0.5
359.37	0.88	17 37 31.5	-28 59 15			6.4		
359.40	0.83	17 37 45.9	-28 59 16		4.7	4.1		0.6
359.47	0.86	17 37 49.4	-28 54 47	8.6	5.0	4.7		0.3
359.34	0.77	17 37 52.1	-29 4 16			5.9		
359.38	0.78	17 37 54.9	-29 1 47		6.5	5.6		0.9
359.46	0.78	17 38 6.3	-28 57 47			5.9		
359.36	0.67	17 38 18.5	-29 6 18		6.1	5.3		0.8
359.56	0.74	17 38 32.6	-28 53 48			6.4		
359.54	0.72	17 38 32.7	-28 55 48			6.3		
359.36	0.58	17 38 38.9	-29 9 19		6.3	5.4		0.9
359.46	0.64	17 38 40.1	-29 2 19			6.0		
359.35	0.55	17 38 43.4	-29 10 49		6.5	5.4		1.1
359.58	0.69	17 38 45.2	-28 54 19			6.5		
359.35	0.54	17 38 47.7	-29 10 49			6.4		
359.43	0.56	17 38 55.0	-29 6 19			6.2		
359.48	0.54	17 39 4.4	-29 4 19			6.2		
359.58	0.49	17 39 30.3	-29 0 50			6.3		
359.52	0.45	17 39 31.2	-29 5 20			6.0		
359.69	0.51	17 39 42.2	-28 54 51			6.2		
359.65	0.48	17 39 45.0	-28 57 51	8.6	6.4	5.7		0.7
359.55	0.37	17 39 55.2	-29 6 22		6.1	4.9		1.2
359.72	0.40	17 40 12.6	-28 56 52			5.5		
359.78	0.36	17 40 29.6	-28 54 53			6.1		
359.74	0.32	17 40 34.3	-28 58 23		5.6	5.0		0.6
359.62	0.22	17 40 41.0	-29 7 22			6.5		
359.62	0.15	17 40 55.8	-29 9 24		6.3	4.9		1.4
359.74	0.19	17 41 3.9	-29 2 24			6.4		
359.73	0.18	17 41 6.5	-29 3 23	8.6	6.5	6.4		0.1
359.76	0.17	17 41 12.5	-29 1 54			6.5		
359.82	0.10	17 41 36.4	-29 0 54			6.3		
359.87	0.08	17 41 49.8	-28 59 25			6.0		
359.90	0.09	17 41 51.0	-28 57 26			5.9		
359.78	0.01	17 41 52.8	-29 5 55			5.9		
359.73	-0.02	17 41 52.8	-29 9 26			6.1		
359.87	0.06	17 41 54.4	-28 59 55			6.2		
359.89	0.07	17 41 55.2	-28 58 26			5.9		
359.77	-0.02	17 41 56.7	-29 7 25	7.5	5.4	5.1		0.3
359.90	0.06	17 41 58.6	-28 57 56			6.4		
359.86	0.01	17 42 5.0	-29 1 56			6.1		
359.88	0.0	17 42 9.0	-29 0 55			6.0		
359.92	-0.02	17 42 19.8	-28 59 56			6.2		
359.95	0.0	17 42 20.1	-28 57 27			6.4		
359.78	-0.11	17 42 20.6	-29 9 56		5.9	5.0		0.9
360.00	0.01	17 42 23.6	-28 54 57			6.4		
359.95	-0.02	17 42 23.5	-28 57 57			6.0		
359.95	-0.04	17 42 28.8	-28 58 57		6.1	4.0	1.8	2.1
359.97	-0.03	17 42 29.0	-28 57 27			5.4		
360.00	-0.01	17 42 29.5	-28 55 27			6.5		
359.99	-0.04	17 42 33.3	-28 56 57			6.2		
359.96	-0.05	17 42 33.4	-28 58 27			5.1		
359.92	-0.09	17 42 36.8	-29 1 57		6.4	5.3		1.1
0.02	-0.06	17 42 43.5	-28 55 58			6.0		
359.97	-0.10	17 42 46.2	-28 59 57			6.2		
359.92	-0.14	17 42 46.6	-29 3 27	8.2	5.4	5.2		0.2
360.00	-0.09	17 42 46.8	-28 57 58			5.8		
359.93	-0.15	17 42 50.3	-29 3 27	7.5	6.1	6.2		-0.1
359.97	-0.12	17 42 50.6	-29 0 27	8.3	5.5	5.3		0.2
360.00	-0.11	17 42 51.5	-28 58 28		6.3	5.8		0.5
0.03	-0.10	17 42 54.4	-28 56 28			6.4		
359.98	-0.19	17 43 7.7	-29 1 58			6.4		
359.99	-0.21	17 43 13.5	-29 1 59		5.9	5.0		0.9
0.08	-0.19	17 43 22.2	-28 56 29			6.4		

LII	BII	RA(1950)	DEC(1950)	I	H	K	L	H-K
0.12	-0.19	17 43 28.5	-28 54 59			6.0		
0.04	-0.25	17 43 30.5	-29 0 58	6.1	3.2	2.8	2.1	0.4
359.98	-0.30	17 43 33.4	-29 5 28			6.0		
359.99	-0.32	17 43 41.3	-29 5 29		6.4	6.0		0.4
359.97	-0.43	17 44 3.7	-29 9 59			6.1		
0.03	-0.40	17 44 5.5	-29 6 0	7.9	5.7	5.3		0.4
0.11	-0.36	17 44 5.7	-29 0 30			6.5		
0.11	-0.38	17 44 11.1	-29 1 0		5.5	4.8		0.7
0.17	-0.39	17 44 22.4	-28 58 31		6.2	5.4		0.8
0.13	-0.43	17 44 26.2	-29 2 1		5.2	3.4	1.9	1.8
0.18	-0.41	17 44 29.1	-28 58 31		5.9	5.1		0.8
0.04	-0.57	17 44 45.5	-29 11 2		5.8	5.3		0.5
0.26	-0.54	17 45 10.2	-28 58 33			6.5		
0.23	-0.56	17 45 10.3	-29 1 2			6.2		
0.13	-0.64	17 45 13.6	-29 8 32			6.3		
0.20	-0.60	17 45 15.2	-29 3 32		5.6	5.0		0.6
0.27	-0.59	17 45 23.1	-28 59 36			6.3		
0.33	-0.56	17 45 24.3	-28 55 33		5.5	5.3		0.2
0.26	-0.61	17 45 26.6	-29 1 3			6.3		
0.28	-0.61	17 45 30.2	-29 0 3		6.3	6.0		0.3
0.31	-0.59	17 45 30.3	-28 57 34			5.9		
0.27	-0.65	17 45 37.7	-29 1 33			6.4		
0.33	-0.62	17 45 39.2	-28 57 34	8.4	5.9	5.5		0.4
0.29	-0.66	17 45 42.8	-29 1 3			6.4		
0.35	-0.65	17 45 48.5	-28 57 34			6.2		
0.34	-0.67	17 45 51.6	-28 58 34			6.0		
0.25	-0.72	17 45 51.6	-29 4 33			6.1		
0.23	-0.76	17 45 58.0	-29 7 4		6.1	5.2		0.9
0.28	-0.74	17 45 59.3	-29 3 34	8.2	4.7	4.3		0.4
0.32	-0.74	17 46 6.2	-29 1 34			6.5		
0.28	-0.77	17 46 6.7	-29 5 4			6.5		
0.46	-0.72	17 46 20.1	-28 54 6	8.2	6.3	6.3		0.0
0.42	-0.75	17 46 20.9	-28 57 5			6.4		
0.39	-0.76	17 46 21.2	-28 59 5			6.1		
0.39	-0.79	17 46 27.5	-28 59 35			6.2		
0.41	-0.80	17 46 31.0	-28 59 6		6.5	6.2		0.3
0.46	-0.76	17 46 31.6	-28 55 6	8.6	6.1	5.8		0.3
0.39	-0.81	17 46 31.9	-29 0 5			6.5		
0.44	-0.78	17 46 32.4	-28 56 36			6.2		
0.43	-0.83	17 46 43.4	-28 59 6			6.1		
0.46	-0.83	17 46 46.2	-28 57 6	8.3	5.8	5.6		0.2
0.42	-0.86	17 46 47.5	-29 0 5	6.2	2.9	2.5	1.8	0.4
0.37	-0.90	17 46 51.0	-29 4 7			6.4		
0.50	-0.82	17 46 51.6	-28 55 7			6.3		
0.28	-0.97	17 46 53.3	-29 11 7		4.8	4.5		0.3

LII	BII	RA(1950)	DEC(1950)	I	H	K	L	H-K
0.50	-0.85	17 46 56.2	-28 56 7			6.3		
0.35	-0.94	17 46 56.9	-29 6 37			6.3		
0.29	-0.99	17 47 1.3	-29 11 7		5.7	5.1		0.6
0.51	-0.88	17 47 4.9	-28 56 7		6.1	5.8		0.3
0.42	-1.03	17 47 28.3	-29 6 7			6.5		
0.52	-0.98	17 47 31.1	-28 59 8		6.5	6.4		0.1
0.60	-0.95	17 47 33.1	-28 54 8		6.4	5.8		0.6
0.59	-0.99	17 47 41.3	-28 55 38			6.3		
0.52	-1.03	17 47 41.8	-29 0 37			6.4		
0.59	-0.99	17 47 43.9	-28 55 38			6.0		
0.52	-1.07	17 47 53.0	-29 1 38			6.5		
0.61	-1.03	17 47 55.7	-28 56 9			6.1		
0.56	-1.09	17 48 2.1	-29 0 38		5.0	4.5		0.5
0.57	-1.12	17 48 9.9	-29 0 38	8.1	4.9	4.5		0.4
0.63	-1.09	17 48 12.5	-28 56 40			6.0		
0.50	-1.20	17 48 18.9	-29 7 9	7.9	5.3	5.1		0.2
0.65	-1.11	17 48 19.7	-28 56 10			6.4		
0.49	-1.22	17 48 21.6	-29 8 10	8.2	5.0	4.6		0.4
0.52	-1.21	17 48 24.5	-29 6 9			6.2		
0.57	-1.19	17 48 26.6	-29 2 40			6.4		
0.54	-1.22	17 48 30.2	-29 5 39			6.4		
0.63	-1.17	17 48 31.5	-28 59 10			6.4		
0.54	-1.25	17 48 36.9	-29 6 9			6.4		
0.74	-1.18	17 48 47.9	-28 54 11		5.8	5.4		0.4
0.53	-1.31	17 48 48.9	-29 8 40			6.2		
0.64	-1.25	17 48 50.4	-29 1 10		6.4	5.7		0.7
0.55	-1.33	17 48 56.7	-29 8 11			6.3		
0.74	-1.22	17 48 58.1	-28 55 11			6.3		
0.73	-1.26	17 49 5.1	-28 56 41			6.5		
0.77	-1.27	17 49 12.4	-28 55 12			6.0		
0.76	-1.28	17 49 14.8	-28 55 42		6.3	5.6		0.7
0.74	-1.31	17 49 18.3	-28 58 12			6.3		
0.67	-1.35	17 49 19.0	-29 2 42			6.2		
0.56	-1.42	17 49 19.2	-29 10 11			6.4		
0.61	-1.42	17 49 27.5	-29 8 12		6.5	5.9		0.6
0.70	-1.40	17 49 33.6	-29 2 43	7.3	5.2	5.0		0.2
0.77	-1.36	17 49 35.3	-28 58 13			6.3		
0.82	-1.35	17 49 40.6	-28 55 13			6.3		
0.77	-1.39	17 49 43.4	-28 58 43			6.2		
0.64	-1.48	17 49 44.1	-29 8 13			5.9		
0.76	-1.47	17 49 58.6	-29 1 42			6.3		
0.81	-1.47	17 50 7.9	-28 59 14		6.4	6.1		0.3
0.83	-1.46	17 50 8.0	-28 57 44			6.1		
0.78	-1.50	17 50 9.0	-29 1 43			6.2		
0.82	-1.48	17 50 11.0	-28 59 14			6.4		

LII	BII	RA(1950)	DEC(1950)	I	H	K	L	H-K
0.85	-1.47	17 50 13.1	-28 57 14			5.7		
0.83	-1.50	17 50 16.5	-28 59 14		6.1	6.0		0.1
0.73	-1.56	17 50 17.2	-29 6 13			6.2		
0.91	-1.47	17 50 20.1	-28 54 14		6.4	5.9		0.5
0.71	-1.60	17 50 22.1	-29 8 14	8.7		6.5		
0.91	-1.48	17 50 23.3	-28 54 44		6.2	5.9		0.3
0.69	-1.61	17 50 24.3	-29 9 44			6.4		
0.80	-1.56	17 50 25.5	-29 2 44		6.2	5.3		0.9
0.86	-1.52	17 50 26.3	-28 58 14		6.4	6.0		0.4
0.82	-1.55	17 50 27.7	-29 1 13			6.3		
0.87	-1.53	17 50 29.4	-28 57 45	7.9	4.9	4.5		0.4
0.68	-1.65	17 50 31.3	-29 11 15			6.0		
0.80	-1.60	17 50 35.7	-29 3 44		6.5	5.9		0.6
0.87	-1.57	17 50 38.8	-28 59 15			6.4		
0.91	-1.55	17 50 40.3	-28 56 45			6.5		
0.73	-1.67	17 50 42.7	-29 9 14			6.3		
0.84	-1.61	17 50 44.3	-29 1 44			6.5		
0.82	-1.64	17 50 47.4	-29 3 44			6.3		
0.92	-1.58	17 50 47.9	-28 57 15			6.4		
0.86	-1.62	17 50 48.6	-29 1 14		6.4	6.3		0.1
0.95	-1.57	17 50 48.9	-28 55 15			5.9		
0.78	-1.67	17 50 50.6	-29 6 45			6.1		
0.82	-1.66	17 50 53.8	-29 4 44		5.7	5.1		0.6
0.79	-1.69	17 50 55.1	-29 6 46		6.3	5.8		0.5
0.84	-1.68	17 50 59.2	-29 4 16			6.3		
0.77	-1.72	17 51 0.5	-29 9 15			6.5		
0.77	-1.74	17 51 5.1	-29 9 15			6.3		
0.92	-1.71	17 51 18.0	-29 0 45			6.1		
0.96	-1.70	17 51 22.6	-28 58 16			6.1		
0.98	-1.71	17 51 28.5	-28 57 47			6.3		
1.02	-1.70	17 51 29.5	-28 55 17			6.4		
0.84	-1.84	17 51 37.2	-29 8 46			6.3		
0.94	-1.78	17 51 38.0	-29 2 17		5.8	4.9		0.9
0.89	-1.82	17 51 41.8	-29 5 46			6.5		
0.84	-1.86	17 51 42.4	-29 9 47		5.9	5.5		0.4
0.99	-1.79	17 51 48.2	-28 59 46		6.0	5.4		0.6
0.85	-1.90	17 51 52.5	-29 10 17			6.3		
1.03	-1.80	17 51 54.1	-28 57 48			6.3		
0.98	-1.85	17 52 0.2	-29 2 18		6.3	5.8		0.5
1.05	-1.82	17 52 2.6	-28 57 48			5.8		
0.92	-1.91	17 52 5.6	-29 6 48			6.4		
0.92	-1.92	17 52 8.5	-29 7 17	7.3	3.5	3.1	2.3	0.4
0.93	-1.94	17 52 15.7	-29 7 17	8.7	5.7	5.5		0.2
1.09	-1.86	17 52 18.5	-28 56 48		6.2	5.8		0.4
1.03	-1.90	17 52 18.8	-29 1 17	7.7	5.8	5.4		0.4

LII	BII	RA(1950)	DEC(1950)	I	H	K	L	H-K
1.10	-1.89	17 52 26.8	-28 56 49			6.5		
1.10	-1.92	17 52 32.6	-28 57 49			6.1		
0.94	-2.03	17 52 38.1	-29 9 49			6.3		
1.11	-1.94	17 52 40.4	-28 58 19			6.3		
0.99	-2.03	17 52 43.4	-29 7 18			6.2		
1.00	-2.07	17 52 56.5	-29 7 49		6.3	5.8		0.5
1.18	-1.97	17 52 57.1	-28 55 20			6.2		
1.21	-1.98	17 53 3.6	-28 54 20		5.8	5.5		0.3
1.16	-2.04	17 53 10.9	-28 58 20		6.4	6.0		0.4
1.15	-2.07	17 53 16.7	-28 59 50		6.0	5.7		0.3
1.18	-2.10	17 53 26.9	-28 59 21			6.2		
1.04	-2.23	17 53 38.4	-29 10 20	7.9	5.0	4.5		0.5
1.16	-2.17	17 53 41.2	-29 2 21			6.3		
1.21	-2.15	17 53 42.1	-28 59 22		6.5	6.2		0.3
1.27	-2.11	17 53 42.3	-28 54 52			6.4		
1.28	-2.14	17 53 49.9	-28 55 22			6.5		
1.30	-2.17	17 54 0.3	-28 55 22	8.5	6.0	5.5		0.5
1.30	-2.19	17 54 5.1	-28 55 52			6.1		
1.16	-2.29	17 54 9.7	-29 5 52		6.3	6.0		0.3
1.32	-2.21	17 54 13.3	-28 55 23			6.5		
1.32	-2.23	17 54 17.8	-28 55 53			6.4		
1.28	-2.27	17 54 19.5	-28 59 23		6.1	5.4		0.7
1.26	-2.28	17 54 22.0	-29 0 52		6.0	5.2		0.8
1.21	-2.33	17 54 26.0	-29 4 52	7.9	5.3	4.9		0.4
1.30	-2.28	17 54 26.7	-28 58 53		5.9	5.7		0.2
1.34	-2.27	17 54 29.7	-28 56 23			6.3		
1.38	-2.29	17 54 40.5	-28 54 54			6.0		
1.18	-2.44	17 54 47.3	-29 9 54			6.3		
1.30	-2.38	17 54 49.1	-29 1 23			6.5		
1.24	-2.45	17 54 57.0	-29 6 54		6.4	6.2		0.2
1.20	-2.48	17 54 59.6	-29 9 54	7.1	4.6	4.3		0.3
1.43	-2.36	17 55 3.3	-28 54 24			6.1		
1.43	-2.38	17 55 6.9	-28 54 55			6.0		
1.35	-2.44	17 55 12.6	-29 0 54			6.1		
1.41	-2.43	17 55 17.6	-28 57 25	8.0	6.5	6.3		0.2
1.46	-2.41	17 55 19.0	-28 54 25	8.0	5.3	5.2		0.1
1.36	-2.48	17 55 21.4	-29 1 24			6.3		
1.43	-2.46	17 55 25.7	-28 57 25			6.5		
1.43	-2.48	17 55 30.9	-28 57 55			6.0		
1.42	-2.54	17 55 44.3	-29 0 25	8.6		6.3		
1.48	-2.51	17 55 44.6	-28 56 26			6.4		
1.51	-2.50	17 55 46.9	-28 54 26	7.7	5.8	5.7		0.1
1.44	-2.59	17 55 59.2	-29 0 56			6.1		
1.31	-2.68	17 56 2.6	-29 10 26		5.9	5.5		0.4
1.54	-2.55	17 56 3.3	-28 54 27			6.1		

LII	BII	RA(1950)	DEC(1950)	I	H	K	L	H-K
1.45	-2.61	17 56 6.2	-29 0 56		6.3	5.7		0.6
1.45	-2.64	17 56 11.5	-29 1 26			6.5		
1.34	-2.73	17 56 19.8	-29 9 57			6.2		
1.51	-2.64	17 56 21.4	-28 58 27			6.3		
1.56	-2.62	17 56 21.5	-28 55 27		6.4	5.8		0.6
1.47	-2.67	17 56 22.5	-29 1 56	7.5	5.7	5.3		0.4
1.54	-2.77	17 56 54.9	-29 0 58			6.2		
1.41	-2.85	17 56 56.2	-29 9 59	8.0	5.8	5.6		0.2
1.41	-2.86	17 56 59.2	-29 10 28			6.5		
1.42	-2.87	17 57 2.7	-29 9 59			5.9		

FIELD CENTER LII=6.0 BII=0.0

LII	BII	RA(1950)	DEC(1950)	I	H	K	L	H-K
4.31	2.85	17 41 44.5	-23 45 29			6.3		
4.32	2.85	17 41 44.9	-23 44 29		6.4	5.8		0.6
4.41	2.87	17 41 53.2	-23 39 29		6.1	5.7		0.4
4.39	2.80	17 42 6.0	-23 42 29		6.4	5.9		0.5
4.42	2.72	17 42 28.1	-23 43 30	7.8	6.1	5.9		0.2
4.53	2.67	17 42 55.5	-23 39 31		6.4	6.0		0.4
4.54	2.66	17 42 57.8	-23 39 31	8.4	5.0	4.5		0.5
4.48	2.56	17 43 12.8	-23 45 32			6.5		
4.55	2.58	17 43 17.1	-23 41 32			6.5		
4.62	2.53	17 43 38.8	-23 39 33	8.1	6.5	6.3		0.2
4.54	2.44	17 43 47.2	-23 46 3		4.4	3.7		0.7
4.57	2.30	17 44 21.7	-23 49 4		6.0	6.2		-0.2
4.67	2.36	17 44 22.8	-23 42 4			6.3		
4.65	2.31	17 44 30.7	-23 44 35			6.5		
4.67	2.24	17 44 48.8	-23 46 5	8.1	5.6	5.5		0.1
4.74	2.09	17 45 31.4	-23 47 7		6.3	5.7		0.6
4.83	2.14	17 45 33.6	-23 40 37		6.5	5.6		0.9
4.77	2.09	17 45 35.4	-23 45 37		5.5	5.1		0.4
4.79	2.09	17 45 38.6	-23 44 37		5.1	4.7		0.4
4.85	2.10	17 45 45.8	-23 41 7			6.3		
4.78	2.06	17 45 46.1	-23 46 7		6.4	6.1		0.3
4.91	1.90	17 46 38.8	-23 44 9			6.1		
4.93	1.91	17 46 39.6	-23 43 9			6.2		
5.00	1.84	17 47 4.1	-23 41 10		6.2	5.9		0.3
4.93	1.77	17 47 10.4	-23 47 10		6.3	6.1		0.2
4.92	1.69	17 47 28.3	-23 50 11			6.4		
4.98	1.70	17 47 32.8	-23 46 41		5.6	5.1		0.5
4.97	1.66	17 47 41.3	-23 48 42		5.9	5.8		0.1
4.99	1.61	17 47 55.7	-23 49 12		6.0	5.6		0.4
5.00	1.55	17 48 9.2	-23 50 13		5.4	5.3		0.1
5.05	1.57	17 48 10.6	-23 47 13			6.3		
5.03	1.56	17 48 11.9	-23 48 43		5.9	6.1		-0.2
5.07	1.54	17 48 21.3	-23 47 13		5.9	5.7		0.2
5.14	1.58	17 48 22.2	-23 42 13			6.1		
5.21	1.56	17 48 35.9	-23 39 44	6.6	5.7	5.8		-0.1
5.10	1.43	17 48 50.2	-23 48 44		5.5	5.4		0.1
5.23	1.35	17 49 24.8	-23 44 45		5.9	5.3		0.6
5.26	1.36	17 49 26.7	-23 42 45		6.1	5.5		0.6
5.31	1.32	17 49 41.3	-23 41 46		6.1	5.4		0.7
5.24	1.27	17 49 46.1	-23 46 46		5.9	5.4		0.5
5.26	1.19	17 50 3.9	-23 48 17		5.9	5.3		0.6
5.40	1.20	17 50 21.1	-23 40 47			6.2		
5.29	1.13	17 50 23.1	-23 48 17			6.1		
5.43	1.15	17 50 37.4	-23 40 48			6.4		
5.40	1.12	17 50 39.9	-23 43 18		5.7	5.2		0.5

LII	BII	RA(1950)	DEC(1950)	I	H	K	L	H-K
5.36	1.07	17 50 46.2	-23 46 48		6.5	5.8		0.7
5.32	1.05	17 50 46.5	-23 49 18			6.3		
5.41	1.10	17 50 47.2	-23 43 18		6.0	5.4		0.6
5.36	1.03	17 50 54.3	-23 47 48		6.2	5.5		0.7
5.41	1.05	17 50 56.0	-23 44 49			6.4		
5.49	1.05	17 51 8.3	-23 40 49		6.3	6.1		0.2
5.37	0.96	17 51 11.1	-23 49 19		6.5	5.6		0.9
5.53	0.96	17 51 33.1	-23 41 20			6.1		
5.51	0.94	17 51 35.0	-23 42 50		5.5	4.9		0.6
5.44	0.89	17 51 36.3	-23 47 50		6.1	5.6		0.5
5.56	0.80	17 52 13.2	-23 44 51			6.5		
5.59	0.81	17 52 15.0	-23 42 52			6.4		
5.57	0.74	17 52 29.6	-23 45 52	7.5	4.3	4.0		0.3
5.63	0.75	17 52 33.5	-23 42 22		5.9	4.7		1.2
5.68	0.76	17 52 39.1	-23 39 52		5.9	5.0		0.9
5.60	0.69	17 52 42.4	-23 45 53			5.4		
5.65	0.60	17 53 11.0	-23 46 24			6.3		
5.74	0.39	17 54 10.3	-23 47 56			6.1		
5.83	0.40	17 54 18.8	-23 42 56			6.2		
5.78	0.37	17 54 20.0	-23 46 26			6.2		
5.81	0.37	17 54 23.8	-23 44 56			6.0		
5.88	0.41	17 54 24.8	-23 39 56		6.0	5.2		0.8
5.77	0.35	17 54 24.3	-23 47 26		6.0	5.3		0.7
5.90	0.38	17 54 33.9	-23 39 57		5.1	4.1		1.0
5.86	0.33	17 54 39.0	-23 43 27	7.7	5.6	5.4		0.2
5.85	0.30	17 54 46.1	-23 44 57			5.6		
5.91	0.33	17 54 47.3	-23 40 57			6.3		
5.82	0.26	17 54 51.6	-23 47 27	8.4	4.7	4.4		0.3
5.91	0.30	17 54 54.3	-23 41 57		5.8	5.1		0.7
5.82	0.23	17 54 58.4	-23 48 27			5.9		
5.91	0.24	17 55 8.4	-23 43 28			6.5		
5.92	0.15	17 55 27.8	-23 45 59			5.6		
5.97	0.11	17 55 43.6	-23 44 29			5.8		
5.92	0.05	17 55 50.6	-23 48 29			6.3		
5.96	0.07	17 55 50.7	-23 45 59		5.6	4.7		0.9
5.98	0.01	17 56 7.2	-23 47 0			6.5		
6.01	0.02	17 56 10.1	-23 45 0		5.8	5.6		0.2
6.07	0.05	17 56 10.5	-23 41 0			6.3		
6.07	0.0	17 56 21.9	-23 42 30			6.3		
6.03	-0.13	17 56 45.2	-23 48 31	4.9	4.6	4.6		0.0
6.13	-0.09	17 56 50.9	-23 42 2		5.7	5.1		0.6
6.04	-0.15	17 56 51.7	-23 48 31		5.0	4.6		0.4
6.11	-0.15	17 57 0.2	-23 45 2	8.1	4.9	4.3		0.6
6.05	-0.19	17 57 2.2	-23 49 32		5.8	5.3		0.5
6.08	-0.29	17 57 28.9	-23 50 33			6.2		

LII	BII	RA(1950)	DEC(1950)	I	H	K	L	H-K
6.24	-0.30	17 57 52.6	-23 42 34			6.3		
6.28	-0.31	17 57 58.7	-23 41 4		5.5	4.4		1.1
6.34	-0.44	17 58 36.2	-23 41 35			6.3		
6.37	-0.49	17 58 53.5	-23 41 36	7.2	5.5	5.0		0.5
6.47	-0.61	17 59 33.9	-23 40 7			5.8		
6.38	-0.68	17 59 36.2	-23 46 38			6.5		
6.39	-0.72	17 59 48.4	-23 47 38			6.3		
6.39	-0.74	17 59 51.4	-23 48 8	8.4	5.2	5.1		0.1
6.44	-0.72	17 59 54.1	-23 45 8			6.3		
6.48	-0.71	17 59 58.0	-23 42 38	8.6	4.8	4.1		0.7
6.43	-0.75	17 59 59.6	-23 46 8			6.4		
6.49	-0.76	18 0 8.6	-23 43 39			6.2		
6.44	-0.79	18 0 9.9	-23 47 9		5.9	5.4		0.5
6.58	-0.91	18 0 55.4	-23 43 10			5.9		
6.64	-0.96	18 1 15.6	-23 41 41		6.4	5.3		1.1
6.55	-1.10	18 1 35.9	-23 50 42			6.5		
6.61	-1.08	18 1 37.3	-23 46 42		6.5	6.0		0.5
6.60	-1.09	18 1 39.3	-23 47 42		5.1	4.7		0.4
6.71	-1.07	18 1 49.9	-23 41 12		6.4	6.1		0.3
6.70	-1.09	18 1 51.7	-23 42 13	6.9	5.6	5.6		0.0
6.73	-1.19	18 2 17.7	-23 43 43	8.3		6.1		
6.69	-1.26	18 2 30.6	-23 47 44			6.1		
6.67	-1.33	18 2 42.9	-23 50 44		5.6	5.4		0.2
6.74	-1.31	18 2 48.4	-23 46 45			6.5		
6.69	-1.36	18 2 53.0	-23 50 45			6.3		
6.86	-1.30	18 3 1.1	-23 40 15			6.1		
6.84	-1.32	18 3 3.0	-23 42 15		5.8	5.5		0.3
6.86	-1.46	18 3 38.0	-23 44 46			4.3	1.3	
6.96	-1.48	18 3 55.7	-23 40 17		6.1	5.5		0.6
6.97	-1.49	18 3 58.8	-23 40 17			6.3		
6.98	-1.52	18 4 5.3	-23 40 17			6.3		
6.94	-1.59	18 4 16.5	-23 44 48	8.6	6.3	6.2		0.1
7.01	-1.56	18 4 18.3	-23 40 18			6.1		
7.01	-1.64	18 4 39.1	-23 42 19			6.5		
7.00	-1.75	18 5 2.3	-23 46 19		6.2	5.8		0.4
7.07	-1.72	18 5 4.0	-23 41 49	7.9	6.2	5.8		0.4
7.09	-1.74	18 5 9.4	-23 41 20	8.4		6.1		
7.12	-1.77	18 5 21.4	-23 40 20		6.2	5.3		0.9
7.10	-1.83	18 5 31.7	-23 43 20			6.2		
7.02	-1.88	18 5 34.6	-23 48 51			6.1		
7.16	-1.87	18 5 48.7	-23 41 21			6.3		
7.15	-2.07	18 6 33.6	-23 47 53		6.4	5.3		1.1
7.16	-2.16	18 6 57.2	-23 49 54		6.3	5.9		0.4
7.24	-2.15	18 7 4.3	-23 45 24		6.2	5.8		0.4

FIELD CENTER LII=10.5 BII=0.0

LII	BII	RA(1950)	DEC(1950)	I	H	K	L	H-K
8.74	2.99	17 51 5.0	-19 53 34			6.3		
8.76	2.95	17 51 15.7	-19 53 34			6.3		
8.83	2.78	17 52 2.5	-19 55 6			6.5		
8.84	2.75	17 52 9.9	-19 56 3			6.5		
8.79	2.70	17 52 15.0	-20 0 4	8.3	5.5	5.1		0.4
8.90	2.72	17 52 23.4	-19 53 37			6.2		
8.88	2.66	17 52 34.2	-19 56 34		6.3	5.8		0.5
8.86	2.57	17 52 53.8	-20 0 5			6.2		
8.98	2.56	17 53 10.4	-19 54 36		6.2	5.8		0.4
8.98	2.51	17 53 21.5	-19 56 6		6.5	6.1		0.4
8.98	2.43	17 53 38.9	-19 58 37			6.1		
8.98	2.38	17 53 50.4	-20 0 7		5.9	5.3		0.6
9.09	2.28	17 54 25.0	-19 57 8			6.3		
9.16	2.27	17 54 37.3	-19 53 42	7.5	5.6	5.4		0.2
9.19	2.23	17 54 49.3	-19 53 42		6.3	5.8		0.5
9.26	2.10	17 55 28.4	-19 53 44			6.3		
9.23	1.94	17 55 58.4	-20 0 12			6.5		
9.37	1.81	17 56 45.4	-19 56 43		6.5	5.9		0.6
9.49	1.68	17 57 30.0	-19 54 45		6.5	6.1		0.4
9.49	1.66	17 57 34.4	-19 55 18		6.2	5.3		0.9
9.52	1.52	17 58 7.8	-19 57 46	7.6	6.5	6.5		0.0
9.68	1.20	17 59 40.1	-19 58 50		5.2	4.7		0.5
9.83	1.11	18 0 19.1	-19 53 54			5.9		
9.82	1.10	18 0 19.8	-19 54 51			6.1		
9.81	0.92	18 0 58.9	-20 0 23			6.4		
9.89	0.90	18 1 13.8	-19 56 53		5.7	5.1		0.6
10.03	0.67	18 2 23.2	-19 56 26			6.1		
10.04	0.59	18 2 41.2	-19 58 26	7.3	5.2	4.9		0.3
10.08	0.52	18 3 1.1	-19 57 57	8.0	6.3	6.3		0.0
10.15	0.54	18 3 7.5	-19 54 0			6.0		
10.19	0.51	18 3 17.0	-19 52 58			6.5		
10.16	0.47	18 3 22.8	-19 55 31		4.9	4.1		0.8
10.22	0.46	18 3 33.0	-19 52 58	6.8	4.2	4.0		0.2
10.24	0.42	18 3 42.9	-19 52 58			6.3		
10.20	0.39	18 3 45.1	-19 55 32			6.3		
10.24	0.39	18 3 51.3	-19 54 2		6.1	5.7		0.4
10.22	0.28	18 4 13.5	-19 58 0		5.9	5.3		0.6
10.27	0.25	18 4 25.8	-19 56 30			6.1		
10.28	0.23	18 4 31.5	-19 56 30			6.3		
10.36	0.20	18 4 47.2	-19 53 1			6.4		
10.31	0.17	18 4 50.1	-19 56 31		5.5	4.9		0.6
10.35	0.14	18 5 0.3	-19 55 34			5.3		
10.34	0.13	18 5 1.5	-19 56 31			6.3		
10.40	0.14	18 5 5.9	-19 53 2			5.9		
10.36	0.08	18 5 15.0	-19 56 32		6.4	6.1		0.3
10.33	0.06	18 5 15.0	-19 58 32			5.5		
10.40	0.01	18 5 35.0	-19 56 33			6.2		
10.48	0.0	18 5 47.3	-19 53 3			5.8		
10.52	-0.27	18 6 51.7	-19 58 35		6.3	5.8		0.5
10.61	-0.32	18 7 14.5	-19 55 6		6.3	5.9		0.4
10.77	-0.67	18 8 51.6	-19 57 10		6.1	5.0		1.1
10.84	-0.66	18 8 58.7	-19 53 10		4.6	3.9		0.7
10.80	-0.72	18 9 7.9	-19 57 10	7.4	4.6	4.2		0.4
10.81	-0.73	18 9 12.0	-19 56 40			5.9		
10.88	-0.80	18 9 34.5	-19 55 11			5.8		
10.90	-0.84	18 9 47.4	-19 55 12			6.2		
10.90	-0.87	18 9 52.7	-19 56 12		6.1	5.6		0.5
10.92	-0.91	18 10 5.8	-19 56 12			6.5		
10.93	-1.00	18 10 27.4	-19 58 13			6.3		
10.96	-1.07	18 10 44.7	-19 58 44		5.2	4.6		0.6
11.01	-1.13	18 11 5.6	-19 57 45		6.1	5.4		0.7
11.02	-1.15	18 11 11.3	-19 58 15			6.5		
11.10	-1.22	18 11 36.7	-19 55 49			6.5		
11.09	-1.27	18 11 47.3	-19 57 46		5.4	5.1		0.3
11.09	-1.34	18 12 2.7	-19 59 47		6.3	5.6		0.7
11.18	-1.46	18 12 39.5	-19 58 18	5.9	3.3	3.0		0.3
11.29	-1.55	18 13 13.0	-19 55 19			6.3		
11.31	-1.61	18 13 29.4	-19 56 20			6.2		
11.26	-1.65	18 13 32.2	-19 59 50		4.9	4.2		0.7
11.33	-1.77	18 14 8.4	-19 59 51			6.5		
11.40	-1.83	18 14 30.8	-19 57 22			5.3		
11.59	-2.07	18 15 47.7	-19 54 28		6.0	5.4		0.6
11.60	-2.11	18 15 56.7	-19 54 55			6.5		
11.63	-2.18	18 16 17.1	-19 55 26			6.3		
11.57	-2.26	18 16 27.1	-20 0 56			6.3		

FIELD CENTER LII=21.5 BII=0.0

LII	BII	RA(1950)	DEC(1950)	I	H	K	L	H-K
20.60	1.48	18 20 34.5	-10 17 26			6.2		
20.75	1.35	18 21 20.8	-10 13 28			6.3		
20.74	1.32	18 21 25.5	-10 14 28			6.3		
20.72	1.30	18 21 26.2	-10 16 28		6.1	5.7		0.4
20.66	1.27	18 21 27.5	-10 20 28		6.3	5.4		0.9
20.70	1.26	18 21 33.9	-10 18 29			6.5		
20.69	1.15	18 21 56.2	-10 22 29			5.9		
20.76	1.06	18 22 22.2	-10 21 0			6.4		
20.79	1.05	18 22 29.8	-10 19 31			6.1		
20.78	1.04	18 22 30.6	-10 20 31			6.1		
20.85	1.05	18 22 35.9	-10 16 31			6.2		
20.79	1.01	18 22 37.0	-10 21 1			5.9		
20.91	1.01	18 22 52.7	-10 14 31			6.1		
20.83	0.91	18 23 2.8	-10 21 32		5.8	5.5		0.3
20.95	0.94	18 23 9.9	-10 14 32			6.5		
20.94	0.90	18 23 19.1	-10 15 58			6.1		
20.95	0.87	18 23 26.7	-10 16 33			6.2		
20.95	0.85	18 23 29.4	-10 16 59		6.4	5.7		0.7
20.98	0.85	18 23 33.7	-10 15 33			6.4		
21.00	0.84	18 23 38.3	-10 14 33			6.1		
20.91	0.75	18 23 46.8	-10 21 33		6.5	5.9		0.6
20.96	0.77	18 23 48.6	-10 18 34		5.4	4.9		0.5
20.93	0.72	18 23 54.6	-10 21 45			6.4		
20.95	0.73	18 23 55.4	-10 20 34			6.5		
20.99	0.75	18 23 57.9	-10 17 34			6.1		
21.05	0.74	18 24 6.8	-10 14 34			6.0		
21.01	0.68	18 24 12.7	-10 18 34			6.2		
21.03	0.56	18 24 42.4	-10 21 5		6.4	5.8		0.6
21.11	0.55	18 24 52.2	-10 17 2		6.5	5.9		0.6
21.09	0.48	18 25 4.6	-10 20 6			6.4		
21.11	0.47	18 25 11.4	-10 19 7		.	6.1		
21.19	0.48	18 25 16.4	-10 14 37		6.4	5.7		0.7
21.12	0.44	18 25 18.9	-10 19 37		5.9	5.1		0.8
21.15	0.45	18 25 20.6	-10 17 37			5.9		
21.23	0.45	18 25 29.1	-10 13 37		5.5	4.7		0.8
21.14	0.39	18 25 31.0	-10 19 37			6.4		
21.20	0.37	18 25 41.5	-10 17 4			6.2		
21.22	0.35	18 25 50.1	-10 16 38			6.4		
21.26	0.32	18 25 59.8	-10 15 38	7.4	4.5	4.1		0.4
21.16	0.23	18 26 7.6	-10 23 20	8.5	5.5	5.0		0.5
21.29	0.26	18 26 17.2	-10 15 39			6.1		
21.30	0.23	18 26 23.9	-10 16 5			6.0		
21.31	0.22	18 26 28.2	-10 15 39			6.2		
21.24	0.12	18 26 40.6	-10 21 51			5.9		
21.26	0.10	18 26 48.3	-10 21 40			6.2		

LII	BII	RA(1950)	DEC(1950)	I	H	K	L	H-K
21.33	0.13	18 26 49.3	-10 17 6			6.3		
21.33	0.02	18 27 13.5	-10 20 11			6.4		
21.39	-0.04	18 27 33.4	-10 18 42			6.2		
21.35	-0.07	18 27 33.8	-10 21 42		5.6	4.9		0.7
21.37	-0.08	18 27 39.2	-10 20 42			6.4		
21.36	-0.11	18 27 43.6	-10 21 53			6.1		
21.49	-0.05	18 27 45.7	-10 13 42			5.8		
21.40	-0.11	18 27 48.8	-10 20 12			6.4		
21.39	-0.14	18 27 54.0	-10 21 12			6.0		
21.48	-0.10	18 27 55.7	-10 15 42			6.5		
21.44	-0.17	18 28 4.6	-10 19 43			6.0		
21.49	-0.17	18 28 10.8	-10 17 9			5.8		
21.51	-0.31	18 28 45.0	-10 19 44			6.1		
21.60	-0.34	18 29 1.8	-10 15 45			5.6		
21.65	-0.37	18 29 13.2	-10 13 45			6.2		
21.68	-0.45	18 29 33.4	-10 14 46			5.6		
21.60	-0.50	18 29 36.9	-10 20 16		5.9	5.6		0.3
21.69	-0.47	18 29 39.3	-10 14 46		6.3	5.4		0.9
21.59	-0.52	18 29 39.4	-10 21 46			6.0		
21.68	-0.50	18 29 44.3	-10 16 12		4.7	4.0		0.7
21.73	-0.52	18 29 54.7	-10 13 47			6.2		
21.62	-0.59	18 29 56.4	-10 21 58			6.4		
21.75	-0.58	18 30 10.1	-10 14 47		6.2	5.3		0.9
21.73	-0.65	18 30 21.3	-10 17 48		6.0	5.5		0.5
21.74	-0.74	18 30 43.2	-10 19 19		6.4	5.9		0.5
21.70	-0.78	18 30 48.3	-10 22 49		6.2	5.4		0.8
21.78	-0.75	18 30 51.0	-10 17 49		6.0	5.6		0.4
21.81	-0.74	18 30 51.4	-10 15 49		4.8	4.0		0.8
21.75	-0.83	18 31 3.5	-10 21 19		6.4	5.5		0.9
21.76	-0.85	18 31 8.8	-10 21 19	8.5		6.2		
21.89	-0.95	18 31 45.2	-10 17 17		5.1	4.4		0.7
21.88	-0.95	18 31 45.3	-10 18 21			6.3		
21.85	-1.03	18 31 58.9	-10 22 2		5.9	5.4		0.5
21.93	-1.06	18 32 13.3	-10 18 22		5.8	5.2		0.6
21.92	-1.07	18 32 16.1	-10 19 22		6.2	5.6		0.6
21.90	-1.16	18 32 32.6	-10 22 52		5.9	5.3		0.6
21.91	-1.21	18 32 45.1	-10 23 34		5.9	5.5		0.4
22.04	-1.27	18 33 11.9	-10 18 54		5.3	4.7		0.6
22.17	-1.46	18 34 7.5	-10 16 56			6.2		
22.21	-1.50	18 34 20.5	-10 15 56			6.2		
22.25	-1.59	18 34 43.8	-10 15 57			6.1		
22.30	-1.60	18 34 53.1	-10 13 58	7.8	5.6	5.2		0.4
22.23	-1.69	18 35 3.2	-10 19 58			6.1		
22.31	-1.65	18 35 4.8	-10 14 58			6.3		
22.22	-1.70	18 35 5.7	-10 20 58	7.6	4.8	4.5		0.3

LII	BII	RA(1950)	DEC(1950)	I	H	K	L	H-K
22.32	-1.72	18 35 19.9	-10 15 58			6.5		
22.34	-1.77	18 35 33.7	-10 16 25		5.9	5.1		0.8
22.25	-1.83	18 35 37.3	-10 22 59	8.2	5.6	5.4		0.2
22.25	-1.86	18 35 44.3	-10 23 40		6.4	6.0		0.4
22.30	-1.90	18 35 58.7	-10 22 11			6.3		
22.34	-1.93	18 36 8.4	-10 21 0		6.0	5.6		0.4
22.38	-1.95	18 36 18.1	-10 19 31			5.8		
22.40	-1.99	18 36 27.2	-10 19 31		6.2	5.6		0.6
22.71	-2.63	18 39 21.8	-10 20 37			6.1		
22.74	-2.81	18 40 4.5	-10 23 50			6.3		

FIELD CENTER LII=24.0 BII=0.0

LII	BII	RA(1950)	DEC(1950)	I	H	K	L	H-K
22.94	1.63	18 24 30.8	-8 9 29		6.2	6.0		0.2
23.02	1.59	18 24 49.0	-8 6 30		6.3	5.4		0.9
23.03	1.49	18 25 10.1	-8 8 30			6.5		
23.15	1.23	18 26 21.1	-8 9 33			6.0		
23.20	1.22	18 26 28.4	-8 7 33		5.6	5.3		0.3
23.21	1.20	18 26 32.7	-8 7 33		6.4	5.8		0.6
23.16	1.18	18 26 33.0	-8 10 33			5.8		
23.17	1.16	18 26 37.1	-8 10 34			6.1		
23.19	1.05	18 27 3.8	-8 12 35		5.3	4.8		0.5
23.31	1.10	18 27 4.9	-8 4 35			6.3		
23.25	1.03	18 27 14.5	-8 10 5	8.5	6.2	5.9		0.3
23.21	0.97	18 27 21.6	-8 14 5		6.0	5.4		0.6
23.23	0.95	18 27 29.0	-8 13 6	7.2	3.4	2.9	2.3	0.5
23.30	0.95	18 27 36.5	-8 9 36			6.0		
23.34	0.95	18 27 41.4	-8 7 36		5.5	4.7		0.8
23.36	0.93	18 27 47.2	-8 7 6			6.4		
23.32	0.90	18 27 50.0	-8 10 6			6.5		
23.39	0.91	18 27 55.1	-8 5 36			6.5		
23.34	0.87	18 27 59.1	-8 9 37			6.2		
23.43	0.88	18 28 5.2	-8 4 37			6.3		
23.40	0.80	18 28 18.8	-8 8 37			6.0		
23.48	0.79	18 28 31.9	-8 4 38		5.3	4.6		0.7
23.43	0.74	18 28 36.7	-8 8 38			6.3		
23.52	0.61	18 29 15.2	-8 7 9			6.2		
23.54	0.59	18 29 20.1	-8 7 10			6.3		
23.46	0.53	18 29 24.8	-8 12 40			5.6		
23.55	0.52	18 29 37.7	-8 8 10			6.4		
23.50	0.47	18 29 41.6	-8 12 10			6.5		
23.52	0.37	18 30 6.2	-8 14 11			6.5		
23.60	0.41	18 30 6.8	-8 8 41	8.6	5.1	4.5		0.6
23.67	0.42	18 30 11.8	-8 4 41		6.2	6.2		0.0
23.67	0.39	18 30 17.2	-8 5 42			5.9		
23.56	0.32	18 30 20.7	-8 13 12			6.0		
23.69	0.38	18 30 22.1	-8 4 42		5.4	4.7		0.7
23.58	0.31	18 30 24.4	-8 12 42		5.9	5.4		0.5
23.65	0.31	18 30 33.2	-8 9 12		6.3	5.6		0.7
23.65	0.29	18 30 36.9	-8 9 42			6.4		
23.73	0.30	18 30 44.1	-8 4 43		6.0	5.2		0.8
23.71	0.27	18 30 49.5	-8 6 43		5.7	4.9		0.8
23.75	0.27	18 30 53.6	-8 4 43			6.4		
23.70	0.08	18 31 27.9	-8 12 44			5.3		
23.76	0.11	18 31 29.1	-8 8 44			5.5		
23.78	-0.07	18 32 10.2	-8 12 46			6.3		
23.82	-0.13	18 32 28.1	-8 12 16		6.1	5.3		0.8
23.85	-0.12	18 32 29.5	-8 10 16			6.4		

LII	BII	RA(1950)	DEC(1950)	I	H	K	L	H-K
23.83	-0.18	18 32 39.1	-8 13 17			6.5		
23.91	-0.14	18 32 40.5	-8 7 47		6.2	5.4		0.8
23.92	-0.16	18 32 44.7	-8 7 47			6.4		
23.97	-0.15	18 32 49.8	-8 4 47			5.5		
23.84	-0.24	18 32 53.0	-8 14 17			5.8		
23.95	-0.21	18 32 58.9	-8 7 17			5.9		
23.99	-0.27	18 33 16.2	-8 7 18			5.9		
23.93	-0.42	18 33 42.9	-8 14 19			6.3		
23.98	-0.40	18 33 43.0	-8 11 19	7.9	6.0	5.8		0.2
24.01	-0.40	18 33 46.4	-8 9 19			6.4		
23.96	-0.43	18 33 48.1	-8 12 49	8.6		6.2		
24.02	-0.40	18 33 48.3	-8 9 19	8.4	5.0	4.4		0.6
24.06	-0.42	18 33 56.7	-8 7 20			6.5		
24.04	-0.49	18 34 9.0	-8 10 20			6.2		
24.06	-0.49	18 34 11.9	-8 9 20			6.0		
24.08	-0.54	18 34 23.0	-8 9 50			5.9		
24.12	-0.54	18 34 29.5	-8 7 51			5.9		
24.13	-0.58	18 34 38.3	-8 8 21			5.5		
24.12	-0.61	18 34 43.8	-8 9 51			5.7		
24.14	-0.68	18 35 0.3	-8 10 22			5.8		
24.19	-0.65	18 35 1.8	-8 6 52			5.7		
24.13	-0.72	18 35 8.2	-8 11 52	8.2	5.4	4.8		0.6
24.17	-0.80	18 35 30.0	-8 11 53			6.1		
24.18	-0.87	18 35 46.1	-8 13 23			6.4		
24.25	-0.87	18 35 53.2	-8 9 54			5.9		
24.21	-0.91	18 35 58.4	-8 12 54			6.0		
24.34	-1.00	18 36 31.3	-8 8 55			6.4		
24.38	-1.03	18 36 42.7	-8 7 25		5.7	5.1		0.6
24.40	-1.04	18 36 47.2	-8 6 56			6.0		
24.38	-1.15	18 37 10.2	-8 10 56		5.7	5.0		0.7
24.47	-1.20	18 37 30.2	-8 7 27			6.4		
24.48	-1.21	18 37 33.2	-8 7 27	8.4		6.4		
24.48	-1.28	18 37 48.7	-8 8 58		5.4	4.6		0.8
24.53	-1.26	18 37 49.4	-8 5 58	8.0		6.0		
24.48	-1.29	18 37 50.7	-8 9 28			6.2		
24.55	-1.27	18 37 53.7	-8 4 58	8.6	5.1	4.6		0.5
24.44	-1.37	18 38 3.4	-8 13 28			6.2		
24.49	-1.45	18 38 27.0	-8 12 59		6.0	5.6		0.4
24.55	-1.54	18 38 51.3	-8 12 30			6.1		
24.58	-1.53	18 38 52.6	-8 10 30		6.4	6.3		0.1
24.62	-1.54	18 38 59.4	-8 9 0			5.8		
24.67	-1.59	18 39 17.0	-8 7 31	8.6	6.3	6.1		0.2
24.66	-1.68	18 39 33.7	-8 10 32	8.7	5.5	5.2		0.3
24.79	-1.73	18 39 59.9	-8 5 3			6.5		
24.75	-1.76	18 40 2.5	-8 8 3	7.3	4.6	4.2		0.4
24.74	-1.84	18 40 18.3	-8 11 3			6.5		
24.77	-1.95	18 40 44.8	-8 12 4	8.3	5.7	5.4		0.3
24.79	-2.01	18 40 59.0	-8 12 35			6.4		
24.80	-2.01	18 41 1.9	-8 12 5		5.7	5.2		0.5
24.81	-2.03	18 41 6.3	-8 12 5			6.4		
24.85	-2.17	18 41 41.3	-8 13 36	8.2	4.7	4.3		0.4
24.95	-2.30	18 42 21.4	-8 12 8		6.0	5.6		0.4
25.10	-2.59	18 43 39.7	-8 12 10		6.5	5.8		0.7
25.10	-2.68	18 43 58.7	-8 14 41		6.3	5.6		0.7

FIELD CENTER LII=26.0 BII=0.0

LII	BII	RA(1950)	DEC(1950)	I	H	K	L	H-K
25.02	1.65	18 28 21.1	-6 18 30	8.2	5.0	4.4		0.6
25.09	1.64	18 28 30.1	-6 15 30		5.3	5.4		-0.1
25.07	1.61	18 28 36.1	-6 17 0		5.0	4.3		0.7
25.14	1.47	18 29 14.0	-6 17 32			6.3		
25.09	1.40	18 29 23.0	-6 22 2			6.0		
25.19	1.43	18 29 27.0	-6 16 2			6.3		
25.13	1.33	18 29 42.1	-6 21 33		5.5	4.8		0.7
25.20	1.32	18 29 51.0	-6 18 33	8.6	6.4	5.9		0.5
25.24	1.27	18 30 7.1	-6 17 34			5.7		
25.30	1.26	18 30 16.3	-6 15 4		6.5	6.1		0.4
25.36	1.15	18 30 45.3	-6 14 35			6.3		
25.33	1.11	18 30 51.1	-6 17 35			6.1		
25.36	1.08	18 31 2.1	-6 16 36		6.5	5.5		1.0
25.27	1.03	18 31 2.1	-6 22 36		5.4	4.8		0.6
25.34	1.02	18 31 11.0	-6 19 6			6.1		
25.34	0.97	18 31 23.2	-6 20 36	7.7	5.5	5.1		0.4
25.35	0.94	18 31 29.2	-6 21 7	8.7	6.2	5.9		0.3
25.37	0.95	18 31 31.2	-6 19 37			6.1		
25.39	0.85	18 31 53.2	-6 21 37			5.9		
25.46	0.83	18 32 5.1	-6 18 8	8.7	5.6	5.1		0.5
25.57	0.88	18 32 8.7	-6 11 10			6.1		
25.59	0.80	18 32 28.3	-6 12 11			6.0		
25.54	0.72	18 32 37.9	-6 17 9			5.7		
25.52	0.67	18 32 46.1	-6 19 39			6.5		
25.60	0.66	18 32 58.1	-6 15 40			6.3		
25.59	0.61	18 33 7.0	-6 17 10			5.9		
25.57	0.58	18 33 11.1	-6 19 10			6.4		
25.56	0.55	18 33 16.1	-6 20 40	7.6	4.7	4.3		0.4
25.58	0.53	18 33 24.1	-6 20 11			6.4		
25.66	0.53	18 33 32.2	-6 15 41			5.8		
25.57	0.44	18 33 41.1	-6 23 11		6.5	6.0		0.5
25.69	0.41	18 34 1.1	-6 17 42			6.1		
25.70	0.37	18 34 11.1	-6 18 42			5.6		
25.63	0.32	18 34 14.1	-6 23 12			6.1		
25.81	0.36	18 34 25.6	-6 12 45			5.8		
25.84	0.36	18 34 28.1	-6 11 15			5.7		
25.76	0.28	18 34 37.2	-6 17 43			6.3		
25.81	0.30	18 34 39.3	-6 14 43		6.2	5.4		0.8
25.74	0.25	18 34 41.1	-6 19 13			6.3		
25.76	0.26	18 34 42.1	-6 18 14			5.9		
25.70	0.23	18 34 42.1	-6 22 14		6.5	6.3		0.2
25.74	0.16	18 35 0.1	-6 21 44			5.9		
25.87	0.22	18 35 2.7	-6 13 16		4.8	4.1		0.7
25.82	0.17	18 35 7.1	-6 17 14			6.4		
25.79	0.10	18 35 18.1	-6 21 15			6.5		

LII	BII	RA(1950)	DEC(1950)	I	H	K	L	H-K
25.76	0.09	18 35 19.0	-6 22 45		5.2	4.5		0.7
25.90	0.12	18 35 27.2	-6 14 45			6.4		
25.96	0.13	18 35 32.8	-6 11 17			6.3		
25.92	0.09	18 35 35.9	-6 14 17		6.1	5.2		0.9
25.87	0.06	18 35 37.1	-6 17 45			6.0		
25.84	0.04	18 35 37.2	-6 20 15			6.4		
25.88	0.02	18 35 46.1	-6 18 46			5.9		
25.95	0.02	18 35 53.3	-6 14 46		5.2	4.4		0.8
25.98	-0.02	18 36 6.9	-6 14 18		6.4	5.8		0.6
25.88	-0.08	18 36 7.1	-6 21 17		6.5	5.0		1.5
25.93	-0.05	18 36 8.0	-6 17 47		5.6	4.5		1.1
25.91	-0.09	18 36 13.2	-6 19 47		5.2	3.9		1.3
25.99	-0.06	18 36 16.1	-6 15 17			6.4		
26.02	-0.07	18 36 21.9	-6 13 49			5.9		
25.97	-0.12	18 36 26.1	-6 17 47			6.1		
25.99	-0.12	18 36 28.1	-6 16 17			6.2		
26.01	-0.11	18 36 28.2	-6 15 17			6.0		
26.07	-0.12	18 36 36.0	-6 12 20			5.5		
25.97	-0.17	18 36 37.0	-6 18 48			5.7		
26.04	-0.16	18 36 42.2	-6 15 18			5.5		
25.95	-0.25	18 36 51.1	-6 22 18		6.2	5.6		0.6
26.00	-0.26	18 36 59.0	-6 19 48			6.3		
26.02	-0.26	18 37 1.1	-6 18 49		5.2	4.1		1.1
25.98	-0.31	18 37 9.1	-6 22 19			6.4		
26.02	-0.30	18 37 11.1	-6 19 49			6.3		
25.98	-0.34	18 37 15.1	-6 23 19			6.4		
26.19	-0.31	18 37 32.5	-6 11 22		6.4	5.8		0.6
26.15	-0.40	18 37 46.2	-6 15 50		6.2	5.3		0.9
26.19	-0.45	18 38 2.2	-6 15 21			6.4		
26.25	-0.43	18 38 3.8	-6 11 23			6.1		
26.17	-0.48	18 38 5.2	-6 16 51		6.1	5.3		0.8
26.10	-0.56	18 38 14.2	-6 22 51		5.5	5.2		0.3
26.18	-0.52	18 38 15.2	-6 17 21			6.3		
26.15	-0.55	18 38 19.1	-6 19 51			6.3		
26.17	-0.58	18 38 27.1	-6 19 52		6.5	5.7		0.8
26.26	-0.58	18 38 37.2	-6 14 52		6.4	5.6		0.8
26.15	-0.64	18 38 38.2	-6 22 52		6.5	5.9		0.6
26.30	-0.57	18 38 39.3	-6 12 24			5.5		
26.25	-0.60	18 38 41.4	-6 15 52		6.1	4.9		1.2
26.15	-0.67	18 38 45.1	-6 23 22			6.2		
26.28	-0.61	18 38 45.3	-6 14 52			6.1		
26.19	-0.66	18 38 47.2	-6 20 52			6.5		
26.31	-0.60	18 38 47.2	-6 12 54			5.8		
26.26	-0.64	18 38 50.3	-6 16 22		5.9	5.3		0.6
26.22	-0.69	18 38 56.1	-6 19 53			5.9		

LII	BII	RA(1950)	DEC(1950)	I	H	K	L	H-K
26.35	-0.63	18 38 57.0	-6 11 25			6.2		
26.21	-0.71	18 38 59.2	-6 20 53			6.4		
26.30	-0.67	18 39 1.2	-6 15 23			6.4		
26.35	-0.69	18 39 9.9	-6 12 55		6.4	5.8		0.6
26.21	-0.78	18 39 14.2	-6 23 23		6.2	5.3		0.9
26.35	-0.71	18 39 14.9	-6 13 55			6.3		
26.35	-0.72	18 39 18.5	-6 13 55			6.3		
26.25	-0.82	18 39 28.2	-6 22 24		6.3	5.8		0.5
26.32	-0.89	18 39 49.1	-6 20 25		5.2	4.6		0.6
26.40	-0.85	18 39 49.3	-6 14 55			6.4		
26.37	-0.94	18 40 6.0	-6 18 55			6.4		
26.35	-1.00	18 40 17.1	-6 21 26			6.0		
26.41	-1.00	18 40 24.0	-6 18 26			6.2		
26.45	-1.00	18 40 27.2	-6 16 26			5.7		
26.48	-1.11	18 40 55.1	-6 17 57			6.4		
26.46	-1.16	18 41 3.0	-6 20 27			6.4		
26.46	-1.23	18 41 19.0	-6 22 28			6.2		
26.60	-1.23	18 41 34.1	-6 14 58	8.0	5.3	4.8		0.5
26.57	-1.29	18 41 45.1	-6 17 59		6.2	5.5		0.7
26.54	-1.36	18 41 57.0	-6 21 29		5.0	4.6		0.4
26.63	-1.37	18 42 8.2	-6 17 0			6.3		
26.63	-1.44	18 42 22.1	-6 19 0		6.2	5.4		0.8
26.73	-1.50	18 42 45.1	-6 15 31			6.3		
26.68	-1.54	18 42 49.2	-6 19 1			5.9		
26.74	-1.54	18 42 56.3	-6 16 1			6.0		
26.78	-1.61	18 43 16.1	-6 15 32		6.5	5.8		0.7
26.77	-1.67	18 43 26.1	-6 18 2	6.5	5.1	4.7		0.4
26.82	-1.78	18 43 56.1	-6 18 33			6.0		
26.86	-1.80	18 44 4.2	-6 16 34			6.2		
26.89	-1.88	18 44 25.2	-6 17 34	8.6		6.2		
26.90	-1.96	18 44 44.1	-6 19 5		5.1	4.5		0.6
26.93	-2.02	18 45 0.1	-6 19 6		6.4	6.1		0.3

FIELD CENTER LII=27.0 BII=0.0

LII	BII	RA(1950)	DEC(1950)	I	H	K	L	H-K
26.13	1.67	18 30 21.8	-5 19 36			6.4		
25.96	1.54	18 30 29.7	-5 32 4		5.2	4.5		0.7
26.14	1.62	18 30 32.4	-5 20 6		5.9	5.4		0.5
26.04	1.54	18 30 39.6	-5 28 5		6.3	6.1		0.2
26.14	1.53	18 30 53.1	-5 22 37			6.5		
26.12	1.47	18 31 3.7	-5 25 36			6.4		
26.17	1.48	18 31 6.5	-5 22 38		6.4	5.3		1.1
26.20	1.48	18 31 9.2	-5 20 38			6.1		
26.08	1.31	18 31 32.7	-5 32 7	8.2	5.8	5.4		0.4
26.11	1.30	18 31 37.7	-5 30 37		4.9	3.9		1.0
26.33	1.33	18 31 55.5	-5 18 9		5.6	4.6		1.0
26.27	1.29	18 31 58.8	-5 22 38			6.1		
26.26	1.26	18 32 4.6	-5 23 38		6.0	5.2		0.8
26.26	1.22	18 32 11.6	-5 25 8	8.4	6.4	6.3		0.1
26.37	1.19	18 32 31.7	-5 20 11			6.1		
26.24	1.01	18 32 55.6	-5 31 40			5.9		
26.41	1.03	18 33 9.4	-5 22 12			5.9		
26.37	0.96	18 33 20.6	-5 26 11	6.2	3.7	3.3		0.4
26.40	0.94	18 33 28.6	-5 25 11			5.4		
26.47	0.90	18 33 42.6	-5 22 41		6.4	6.1		0.3
26.38	0.85	18 33 45.5	-5 28 41			6.3		
26.50	0.83	18 34 2.7	-5 23 12		5.7	5.0		0.7
26.39	0.74	18 34 8.7	-5 31 12			5.8		
26.37	0.73	18 34 10.7	-5 32 42			5.2		
26.56	0.79	18 34 17.2	-5 20 45		6.1	6.5		-0.4
26.55	0.74	18 34 28.8	-5 22 43			6.2		
26.45	0.65	18 34 33.7	-5 30 43		5.7	5.1		0.6
26.64	0.72	18 34 41.9	-5 18 45		5.6	4.5		1.1
26.49	0.60	18 34 49.7	-5 30 14			5.8		
26.65	0.64	18 34 59.5	-5 20 16		6.2	5.7		0.5
26.50	0.56	18 35 0.6	-5 30 44			6.4		
26.57	0.55	18 35 8.7	-5 27 14			6.0		
26.49	0.50	18 35 12.6	-5 32 45			5.9		
26.65	0.56	18 35 16.8	-5 22 45		5.4	4.6		0.8
26.70	0.54	18 35 27.1	-5 20 17			6.5		
26.54	0.44	18 35 30.7	-5 31 45			6.2		
26.59	0.46	18 35 31.8	-5 28 17	8.0	4.2	3.4		0.8
26.57	0.45	18 35 32.6	-5 29 45		5.5	4.3		1.2
26.53	0.40	18 35 37.7	-5 33 15		5.0	4.1	2.3	0.9
26.70	0.48	18 35 38.4	-5 22 17		5.1	4.7		0.4
26.62	0.43	18 35 41.6	-5 27 46			6.0		
26.75	0.50	18 35 41.9	-5 18 47			6.3		
26.56	0.38	18 35 46.6	-5 32 16			6.4		
26.57	0.34	18 35 55.6	-5 32 46			6.1		
26.61	0.35	18 35 57.6	-5 30 16			6.3		

LII	BII	RA(1950)	DEC(1950)	I	H	K	L	H-K
26.69	0.37	18 36 0.6	-5 25 46			6.3		
26.57	0.31	18 36 0.6	-5 33 46			6.1		
26.66	0.35	18 36 2.6	-5 27 46			5.7		
26.71	0.35	18 36 8.5	-5 25 17			6.0		
26.63	0.31	18 36 8.6	-5 30 47			6.3		
26.60	0.27	18 36 13.6	-5 33 17			6.1		
26.69	0.31	18 36 15.6	-5 27 17			6.2		
26.77	0.32	18 36 21.7	-5 22 47		5.1	3.9		1.2
26.85	0.33	18 36 27.2	-5 18 19		6.1	5.4		0.7
26.65	0.21	18 36 31.6	-5 32 17			6.2		
26.79	0.26	18 36 35.6	-5 23 18			6.5		
26.77	0.23	18 36 40.6	-5 25 18			6.3		
26.78	0.23	18 36 41.6	-5 24 48			6.1		
26.80	0.24	18 36 42.7	-5 23 48		6.4	6.5		-0.1
26.76	0.16	18 36 54.6	-5 27 48			6.5		
26.69	0.13	18 36 54.6	-5 32 18			6.0		
26.89	0.21	18 36 58.9	-5 19 20			6.3		
26.72	0.11	18 36 59.6	-5 31 18			6.3		
26.90	0.19	18 37 3.7	-5 19 51			5.6		
26.85	0.15	18 37 5.6	-5 23 19			5.0		
26.89	0.15	18 37 10.7	-5 21 21		4.2	3.6		0.6
26.91	0.14	18 37 15.5	-5 20 21		6.2	5.9		0.3
26.72	0.02	18 37 20.6	-5 33 49			6.2		
26.79	0.03	18 37 26.5	-5 29 49		5.9	5.1		0.8
26.74	-0.01	18 37 27.5	-5 33 49			5.9		
26.82	0.03	18 37 27.6	-5 28 19		5.3	4.4		0.9
26.85	0.04	18 37 31.5	-5 26 20			6.4		
26.81	-0.02	18 37 39.5	-5 30 20		6.0	4.9		1.1
26.97	0.06	18 37 40.1	-5 19 22		6.5	6.0		0.5
26.98	0.06	18 37 41.4	-5 18 52			5.6		
26.76	-0.07	18 37 43.5	-5 33 50			6.1		
26.91	0.0	18 37 44.6	-5 24 20			6.4		
26.80	-0.06	18 37 45.6	-5 31 50			6.2		
27.01	0.02	18 37 52.5	-5 18 22			6.4		
26.81	-0.09	18 37 53.5	-5 32 20		6.4	5.6		0.8
26.80	-0.13	18 37 59.6	-5 33 51			6.5		
26.86	-0.10	18 38 0.5	-5 29 51			5.7		
26.81	-0.13	18 38 1.6	-5 32 51			6.5		
26.88	-0.12	18 38 7.6	-5 29 21			6.4		
26.81	-0.15	18 38 7.6	-5 33 51		6.3	5.5		0.8
26.84	-0.14	18 38 7.6	-5 31 51		5.4	4.6		0.8
26.95	-0.10	18 38 11.6	-5 24 51			6.3		
26.97	-0.10	18 38 12.7	-5 23 51			5.8		
26.91	-0.13	18 38 13.7	-5 27 51		6.2	5.5		0.7
26.88	-0.15	18 38 14.5	-5 29 51		6.0	5.3		0.7

LII	BII	RA(1950)	DEC(1950)	I	H	K	L	H-K
27.02	-0.08	18 38 15.4	-5 20 23			6.4		
26.99	-0.10	18 38 16.7	-5 22 51			6.3		
27.06	-0.08	18 38 18.4	-5 18 23			5.6		
26.98	-0.14	18 38 22.7	-5 24 21		5.8	5.3		0.5
27.07	-0.11	18 38 26.4	-5 18 23			5.4		
26.90	-0.21	18 38 29.5	-5 30 22		6.5	5.6		0.9
26.85	-0.24	18 38 30.6	-5 33 52			5.7		
27.00	-0.16	18 38 30.8	-5 23 52			5.8		
26.88	-0.24	18 38 32.7	-5 32 22			6.4		
27.00	-0.20	18 38 38.7	-5 24 52			6.2		
27.09	-0.16	18 38 39.7	-5 19 24			6.1		
26.90	-0.28	18 38 43.7	-5 32 52		5.9	5.0		0.9
26.95	-0.25	18 38 43.7	-5 28 52			6.0		
27.11	-0.18	18 38 46.1	-5 18 24			6.5		
27.08	-0.24	18 38 54.6	-5 21 54			6.5		
27.07	-0.25	18 38 55.7	-5 22 53			5.9		
26.99	-0.29	18 38 56.6	-5 28 23		6.1	5.4		0.7
26.92	-0.33	18 38 56.6	-5 32 53		5.9	4.9		1.0
27.13	-0.25	18 39 3.2	-5 19 25			6.0		
27.03	-0.31	18 39 4.5	-5 26 23			6.5		
27.09	-0.28	18 39 5.1	-5 22 25		5.9	5.7		0.2
27.13	-0.27	18 39 7.9	-5 19 55			6.0		
26.96	-0.37	18 39 8.7	-5 31 53			6.5		
27.01	-0.38	18 39 17.7	-5 29 23	7.7	4.6	3.9		0.7
27.17	-0.30	18 39 18.2	-5 18 25			6.1		
26.95	-0.42	18 39 18.7	-5 33 53		5.5	4.7		0.8
27.06	-0.38	18 39 24.6	-5 26 54			6.1		
27.18	-0.33	18 39 26.5	-5 18 56			6.2		
27.05	-0.40	18 39 27.7	-5 27 54	8.5	5.2	4.3		0.9
27.12	-0.39	18 39 31.7	-5 23 54			6.1		
27.19	-0.37	18 39 35.4	-5 19 26			6.5		
27.07	-0.45	18 39 39.6	-5 27 54		6.0	4.9		1.1
27.22	-0.39	18 39 42.4	-5 18 26			6.4		
27.21	-0.39	18 39 43.0	-5 19 26			6.3		
27.01	-0.51	18 39 45.6	-5 32 54			6.2		
27.16	-0.44	18 39 47.7	-5 22 54		6.4	6.0		0.4
27.08	-0.51	18 39 52.7	-5 29 25			6.3		
27.13	-0.50	18 39 56.6	-5 26 25			6.4		
27.10	-0.51	18 39 56.6	-5 28 25			5.7		
27.16	-0.48	18 39 56.7	-5 24 25		5.7	5.4		0.3
27.08	-0.53	18 39 57.7	-5 29 55			6.1		
27.20	-0.47	18 39 59.2	-5 21 57		5.0	4.6		0.4
27.24	-0.49	18 40 7.0	-5 19 57		6.0	5.0		1.0
27.23	-0.50	18 40 7.9	-5 21 27			6.1		
27.12	-0.56	18 40 8.6	-5 28 55			6.3		

LII	BII	RA(1950)	DEC(1950)	I	H	K	L	H-K
27.24	-0.52	18 40 12.7	-5 20 57			6.1		
27.10	-0.60	18 40 14.5	-5 30 55	8.5	6.1	5.8		0.3
27.28	-0.53	18 40 19.9	-5 19 28			6.0		
27.16	-0.60	18 40 22.7	-5 27 26		6.4	5.6		0.8
27.28	-0.55	18 40 24.5	-5 19 58			6.5		
27.31	-0.57	18 40 31.6	-5 18 28			6.4		
27.15	-0.69	18 40 39.5	-5 30 56		6.0	4.9		1.1
27.17	-0.70	18 40 44.6	-5 29 57			5.6		
27.22	-0.69	18 40 46.6	-5 26 57		6.3	5.6		0.7
27.17	-0.74	18 40 52.6	-5 30 57	7.6	6.3	5.4		0.9
27.30	-0.67	18 40 53.3	-5 21 59		6.0	5.5		0.5
27.16	-0.76	18 40 55.6	-5 31 57		5.5	5.1		0.4
27.22	-0.73	18 40 56.6	-5 27 57			6.4		
27.15	-0.77	18 40 57.6	-5 32 57			6.2		
27.14	-0.80	18 41 1.6	-5 33 57			5.9		
27.26	-0.77	18 41 8.6	-5 26 57	8.1	6.1	5.6		0.5
27.20	-0.86	18 41 20.6	-5 32 28		5.4	4.7		0.7
27.30	-0.85	18 41 30.6	-5 26 58			5.4		
27.34	-0.85	18 41 33.6	-5 24 58			6.3		
27.25	-0.90	18 41 36.6	-5 30 58			6.3		
27.38	-0.87	18 41 43.1	-5 23 1		4.9	3.9		1.0
27.30	-0.94	18 41 50.6	-5 29 29		6.1	5.6		0.5
27.27	-0.97	18 41 53.5	-5 31 59		6.2	5.1		1.1
27.29	-0.97	18 41 54.5	-5 30 59			6.4		
27.30	-0.98	18 41 58.6	-5 30 29			6.4		
27.36	-0.95	18 41 59.6	-5 26 29			5.9		
27.38	-0.97	18 42 5.8	-5 25 59		6.3	5.9		0.4
27.40	-1.02	18 42 16.6	-5 26 30			6.4		
27.32	-1.10	18 42 25.6	-5 33 0	7.3	5.2	4.8		0.4
27.46	-1.03	18 42 27.8	-5 23 30		4.9	4.7		0.2
27.43	-1.10	18 42 37.6	-5 27 1	8.3		6.5		
27.49	-1.07	18 42 38.6	-5 23 3		6.3	5.8		0.5
27.40	-1.13	18 42 40.6	-5 29 31			6.3		
27.38	-1.13	18 42 40.6	-5 30 31			5.7		
27.51	-1.11	18 42 48.8	-5 23 1	8.5	5.1	4.8		0.3
27.37	-1.18	18 42 49.6	-5 32 31	8.6		6.2		
27.58	-1.16	18 43 8.7	-5 21 4		5.7	5.3		0.4
27.42	-1.27	18 43 13.5	-5 32 2		5.6	5.1		0.5
27.48	-1.30	18 43 27.7	-5 30 2		6.3	5.7		0.6
27.56	-1.37	18 43 49.6	-5 27 33			6.1		
27.46	-1.42	18 43 50.6	-5 34 3			6.3		
27.74	-1.44	18 44 26.2	-5 20 6		6.2	5.6		0.6
27.77	-1.53	18 44 49.3	-5 20 37			6.4		
27.71	-1.58	18 44 52.7	-5 25 35	8.3	5.6	5.2		0.4
27.58	-1.65	18 44 53.5	-5 34 5		5.7	5.2		0.5

LII	BII	RA(1950)	DEC(1950)	I	H	K	L	H-K
27.64	-1.73	18 45 16.6	-5 33 6			6.1		
27.84	-1.65	18 45 21.0	-5 20 8			5.7		
27.71	-1.75	18 45 29.7	-5 30 7		6.1	5.4		0.7
27.67	-1.78	18 45 31.6	-5 33 7			6.2		
27.89	-1.71	18 45 39.9	-5 19 39			6.3		

FIELD CENTER LII=28.0 BII=0.0

LII	BII	RA(1950)	DEC(1950)	I	H	K	L	H-K
27.00	1.74	18 31 42.8	-4 31 9			6.3		
26.96	1.69	18 31 49.0	-4 34 39		6.2	5.7		0.5
27.01	1.60	18 32 16.1	-4 34 40	8.7	5.7	5.3		0.4
27.04	1.53	18 32 32.8	-4 34 40			6.0		
27.06	1.43	18 32 55.6	-4 36 41		5.5	4.9		0.6
27.15	1.24	18 33 47.8	-4 37 13	7.1	6.2	6.0		0.2
27.22	1.24	18 33 54.0	-4 33 13			6.4		
27.29	1.03	18 34 47.8	-4 35 15		6.4	5.7		0.7
27.35	1.00	18 34 59.9	-4 33 16			6.1		
27.33	0.98	18 35 2.9	-4 34 46			6.1		
27.42	0.90	18 35 28.9	-4 32 17	8.4	4.9	3.7		1.2
27.40	0.86	18 35 37.0	-4 34 17			6.3		
27.38	0.81	18 35 45.1	-4 36 47			6.4		
27.47	0.73	18 36 12.2	-4 34 18		6.0	5.0		1.0
27.52	0.75	18 36 13.3	-4 31 18			6.4		
27.49	0.72	18 36 15.7	-4 33 18		6.1	5.6		0.5
27.54	0.67	18 36 33.0	-4 32 19			6.4		
27.47	0.63	18 36 34.0	-4 37 19		6.5	6.0		0.5
27.57	0.62	18 36 47.2	-4 32 20		6.0	5.6		0.4
27.52	0.57	18 36 51.7	-4 35 50			6.1		
27.60	0.59	18 36 56.7	-4 31 20	8.7	5.7	5.6		0.1
27.59	0.53	18 37 9.2	-4 33 20		6.2	5.9		0.3
27.56	0.47	18 37 17.1	-4 36 51			6.0		
27.60	0.49	18 37 18.9	-4 33 51			6.4		
27.64	0.50	18 37 19.4	-4 31 21			6.4		
27.66	0.48	18 37 27.0	-4 30 51		5.9	5.2		0.7
27.59	0.44	18 37 27.9	-4 35 51			5.8		
27.57	0.43	18 37 28.2	-4 37 21			6.2		
27.65	0.42	18 37 38.2	-4 33 21		6.4	5.5		0.9
27.68	0.43	18 37 39.1	-4 31 22			6.1		
27.73	0.41	18 37 48.6	-4 29 22		5.1	4.6		0.5
27.63	0.33	18 37 53.7	-4 36 52			5.8		
27.63	0.32	18 37 57.6	-4 36 52		5.9	5.2		0.7
27.72	0.32	18 38 8.1	-4 32 23	8.0	3.4	3.4		0.0
27.70	0.29	18 38 12.4	-4 34 23			6.3		
27.70	0.20	18 38 29.9	-4 36 53			5.5		
27.78	0.25	18 38 30.0	-4 30 53		6.1	5.5		0.6
27.84	0.22	18 38 41.0	-4 28 54			6.4		
27.76	0.13	18 38 51.7	-4 35 24			6.4		
27.83	0.16	18 38 53.1	-4 30 54			6.0		
27.88	0.04	18 39 26.1	-4 31 25			6.4		
27.80	-0.01	18 39 27.2	-4 37 25			5.4		
27.87	0.01	18 39 31.0	-4 32 56			6.3		
27.82	-0.02	18 39 31.1	-4 36 26		6.2	5.6		0.6
27.82	-0.06	18 39 40.5	-4 37 26			6.3		

LII	BII	RA(1950)	DEC(1950)	I	H	K	L	H-K
27.89	-0.10	18 39 54.4	-4 34 56		5.2	4.6		0.6
27.87	-0.11	18 39 56.2	-4 36 26			5.9		
27.88	-0.15	18 40 5.0	-4 36 57		5.3	4.8		0.5
27.96	-0.12	18 40 7.7	-4 31 27			6.3		
27.91	-0.15	18 40 8.9	-4 35 27			6.3		
27.89	-0.17	18 40 10.2	-4 36 27			6.0		
27.92	-0.19	18 40 18.4	-4 35 57	8.2	4.1	3.6		0.5
27.99	-0.17	18 40 20.6	-4 31 27		4.7	4.0		0.7
28.05	-0.22	18 40 39.6	-4 29 58			6.5		
27.98	-0.27	18 40 41.7	-4 34 28			5.9		
27.99	-0.31	18 40 50.6	-4 35 28			6.3		
28.07	-0.29	18 40 55.9	-4 30 29			6.4		
28.01	-0.33	18 40 58.6	-4 34 59			6.1		
28.02	-0.36	18 41 6.7	-4 34 59			5.8		
27.99	-0.40	18 41 10.7	-4 37 29			6.2		
28.08	-0.36	18 41 11.5	-4 31 59		6.1	5.9		0.2
28.13	-0.34	18 41 13.5	-4 28 59		5.4	4.8		0.6
28.10	-0.38	18 41 19.6	-4 31 29	7.3	5.5	5.6		-0.1
28.02	-0.44	18 41 21.7	-4 37 29			6.4		
28.04	-0.44	18 41 25.6	-4 36 30			6.5		
28.10	-0.42	18 41 26.3	-4 32 30		6.1	6.0		0.1
28.10	-0.45	18 41 33.4	-4 33 30		6.4	6.1		0.3
28.07	-0.47	18 41 34.3	-4 35 30			6.4		
28.12	-0.52	18 41 50.7	-4 34 1			5.9		
28.15	-0.59	18 42 9.7	-4 34 31			6.3		
28.25	-0.59	18 42 20.5	-4 29 32		5.8	5.6		0.2
28.22	-0.63	18 42 26.7	-4 32 2		6.0	5.6		0.4
28.18	-0.67	18 42 30.3	-4 35 2			6.4		
28.21	-0.81	18 43 4.4	-4 37 33	7.3	5.1	4.7		0.4
28.27	-0.89	18 43 27.1	-4 36 34			6.4		
28.34	-0.91	18 43 38.5	-4 33 34		5.8	5.3		0.5
28.31	-0.93	18 43 40.2	-4 35 34			6.1		
28.31	-0.97	18 43 48.4	-4 36 35	7.7	4.7	4.3		0.4
28.46	-1.02	18 44 16.2	-4 30 6		6.1	5.8		0.3
28.49	-1.05	18 44 24.8	-4 29 6			6.1		
28.46	-1.07	18 44 26.4	-4 31 6			6.4		
28.38	-1.13	18 44 30.6	-4 37 6			6.1		
28.44	-1.16	18 44 42.8	-4 35 7		4.9	4.3		0.6
28.53	-1.33	18 45 30.0	-4 35 8	8.1	6.4	6.2		0.2
28.55	-1.34	18 45 33.5	-4 33 38			5.7		
28.58	-1.53	18 46 16.8	-4 37 40	8.0	5.5	5.2		0.3
28.65	-1.55	18 46 28.9	-4 34 40		4.4	3.8		0.6
28.71	-1.54	18 46 34.0	-4 30 41			6.2		
28.69	-1.56	18 46 36.2	-4 32 41		5.4	4.9		0.5
28.71	-1.58	18 46 43.1	-4 32 11		6.4	6.4		0.0

LII	BII	RA(1950)	DEC(1950)	I	H	K	L	H-K
28.75	-1.60	18 46 50.7	-4 30 41		5.2	4.7		0.5
28.73	-1.62	18 46 54.3	-4 32 11		5.4	4.9		0.5
28.74	-1.64	18 46 58.2	-4 32 12	7.5	4.4	4.1		0.3
28.70	-1.71	18 47 9.6	-4 36 12		5.9	5.5		0.4
28.80	-1.67	18 47 11.5	-4 29 42		5.6	4.7		0.9
28.73	-1.76	18 47 23.5	-4 35 42		6.4	5.6		0.8

FIELD CENTER LII=30.0 BII=0.0

LII	BII	RA(1950)	DEC(1950)	I	H	K	L	H-K
29.22	1.51	18 36 39.4	-2 39 19			6.4		
29.27	1.52	18 36 43.3	-2 36 49		5.9	4.8		1.1
29.22	1.45	18 36 52.0	-2 41 20		5.5	5.0		0.5
29.27	1.37	18 37 15.1	-2 40 21		6.1	5.8		0.3
29.21	1.31	18 37 21.4	-2 45 21		6.3	5.9		0.4
29.35	1.37	18 37 25.4	-2 36 21			6.4		
29.27	1.31	18 37 28.8	-2 42 21			6.3		
29.29	1.18	18 37 58.4	-2 44 52			6.3		
29.37	1.15	18 38 13.1	-2 41 23		6.3	5.5		0.8
29.38	1.15	18 38 16.1	-2 40 53	7.4	4.1	3.8		0.3
29.43	1.09	18 38 32.1	-2 39 53			6.4		
29.40	1.07	18 38 34.3	-2 41 53			6.4		
29.38	1.04	18 38 37.8	-2 43 54			5.9		
29.55	0.99	18 39 6 7	-2 36 25		6.0	5.4		0.6
29.45	0.83	18 39 29.5	-2 45 55			6.3		
29.58	0.82	18 39 47.2	-2 39 26		6.3	5.0		1.3
29.53	0.76	18 39 53.8	-2 43 56			5.9		
29.55	0.64	18 40 22.4	-2 45 57			6.3		
29.60	0.66	18 40 23.9	-2 42 57		6.0	5.5		0.5
29.64	0.64	18 40 31.7	-2 40 58			5.5		
29.71	0.68	18 40 32.2	-2 36 28			6.3		
29.59	0.57	18 40 40.9	-2 45 58	8.6	4.8	4.4		0.4
29.67	0.57	18 40 50.8	-2 41 28		5.8	5.3		0.5
29.62	0.54	18 40 51.8	-2 45 28		4.9	4.4		0.5
29.67	0.50	18 41 4.8	-2 43 29			6.1		
29.71	0.44	18 41 23.8	-2 42 60		5.8	4.9		0.9
29.73	0.39	18 41 34.8	-2 43 30			6.1		
29.72	0.33	18 41 46.3	-2 45 30		5.0	4.6		0.4
29.78	0.27	18 42 5.4	-2 44 1		5.3	4.9		0.4
29.89	0.33	18 42 5.8	-2 36 31			6.2		
29.82	0.26	18 42 13.6	-2 42 1			5.9		
29.92	0.23	18 42 31.1	-2 38 2		5.9	5.2		0.7
29.82	0.15	18 42 36.5	-2 45 2			5.4		
29.86	0.08	18 42 54.5	-2 45 3			6.0		
29.92	0.09	18 43 0.5	-2 41 33			6.4		
29.99	0.11	18 43 3.9	-2 37 33		5.2	3.7	2.3	1.5
29.88	0.05	18 43 5.5	-2 45 3			6.5		
29.97	0.08	18 43 8.2	-2 39 3	8.7	4.4	3.6		0.8
29.94	0.05	18 43 11.6	-2 41 33			6.2		
29.88	0.0	18 43 15.4	-2 46 4			6.1		
29.99	0.05	18 43 16.7	-2 39 4			6.4		
30.06	0.0	18 43 36.3	-2 36 34			6.4		
30.10	-0.07	18 43 54.6	-2 36 35			5.8		
30.08	-0.30	18 44 41.7	-2 44 7		6.5	5.7		0.8
30.20	-0.27	18 44 49.5	-2 36 37			6.3		

LII	BII	RA(1950)	DEC(1950)	I	H	K	L	H-K
30.07	-0.35	18 44 50.6	-2 45 37			6.2		
30.14	-0.34	18 44 57.5	-2 41 37		6.4	6.0		0.4
30.18	-0.34	18 45 0.1	-2 39 37			6.2		
30.21	-0.45	18 45 26.7	-2 41 8		6.2	5.1		1.1
30.24	-0.44	18 45 30.3	-2 39 8			6.0		
30.30	-0.48	18 45 43.6	-2 36 39			6.2		
30.34	-0.58	18 46 10.5	-2 37 40		5.7	5.0		0.7
30.33	-0.60	18 46 13.2	-2 38 40			5.6		
30.37	-0.60	18 46 16.4	-2 36 40			6.4		
30.39	-0.85	18 47 12.6	-2 42 42			6.4		
30.49	-1.00	18 47 57.2	-2 41 14		5.9	5.0		0.9
30.44	-1.05	18 48 1.2	-2 45 14		6.4	5.9		0.5
30.54	-1.01	18 48 2.7	-2 38 44		5.2	4.7		0.5
30.53	-1.06	18 48 13.7	-2 40 44			6.3		
30.56	-1.23	18 48 53.2	-2 43 46		6.0	5.5		0.5
30.69	-1.24	18 49 8.8	-2 37 16			6.3		
30.71	-1.30	18 49 25.5	-2 37 47			6.4		
30.75	-1.36	18 49 42.0	-2 37 17		6.3	5.9		0.4
30.77	-1.38	18 49 48.2	-2 36 48			5.7		
30.68	-1.44	18 49 50.6	-2 43 18			6.3		
30.71	-1.45	18 49 56.0	-2 41 48		6.1	5.6		0.5
30.79	-1.48	18 50 10.5	-2 38 48		6.2	5.8		0.4
30.72	-1.56	18 50 21.2	-2 44 19		5.3	4.7		0.6
30.89	-1.61	18 50 50.5	-2 36 50			6.5		
30.87	-1.68	18 51 3.3	-2 39 50			6.5		
30.84	-1.74	18 51 13.0	-2 43 21		6.4	5.7		0.7
30.88	-1.73	18 51 15.7	-2 40 51			6.3		

FIELD CENTER LII=35.0 BII=0.0

LII	BII	RA(1950)	DEC(1950)	I	H	K	L	H-K
34.05	1.73	18 44 47.8	1 43 22		6.4	5.8		0.6
34.12	1.66	18 45 8.6	1 45 21			5.8		
34.15	1.59	18 45 29.2	1 45 21			6.1		
34.15	1.54	18 45 39.2	1 43 50		4.9	4.4		0.5
34.20	1.49	18 45 54.9	1 44 50		5.7	5.1		0.6
34.26	1.36	18 46 30.0	1 44 49			6.4		
34.29	1.36	18 46 32.0	1 46 19			5.9		
34.37	1.23	18 47 8.9	1 46 47		6.3	5.7		0.6
34.39	1.05	18 47 49.5	1 43 16		6.0	5.0		1.0
34.56	0.89	18 48 43.4	1 47 44		4.6	4.3		0.3
34.81	0.35	18 51 6.1	1 46 9			6.4		
34.80	0.31	18 51 13.6	1 44 8		5.6	4.5		1.1
34.92	0.10	18 52 9.9	1 45 6			5.2		
34.98	-0.08	18 52 55.7	1 43 5			6.3		
35.05	-0.09	18 53 5.7	1 47 5			6.5		
35.12	-0.20	18 53 36.5	1 47 33			5.6		
35.20	-0.33	18 54 14.9	1 48 2			5.4		
35.26	-0.48	18 54 53.0	1 47 1			6.0		
35.53	-1.05	18 57 23.7	1 45 55			5.7		
35.56	-1.19	18 57 55.4	1 43 24		6.1	5.8		0.3
35.73	-1.41	18 59 2.7	1 46 22			6.1		
35.71	-1.44	18 59 6.1	1 44 22		6.3	5.5		0.8
35.82	-1.72	19 0 18.8	1 42 49		5.6	5.4		0.2

FIELD CENTER LII=40.0 BII=0.0

LII	BII	RA(1950)	DEC(1950)	I	H	K	L	H-K
39.09	1.79	18 53 51.6	6 14 3		6.2	5.4		0.8
39.18	1.62	18 54 39.1	6 14 1		6.2	5.3		0.9
39.32	1.51	18 55 17.2	6 18 0		5.8	4.9		0.9
39.28	1.31	18 55 55.1	6 10 29	5.3	5.0	4.8		0.2
39.31	1.23	18 56 17.1	6 9 58		6.3	5.4		0.9
39.51	1.12	18 57 1.3	6 17 56		6.5	5.6		0.9
39.51	0.94	18 57 39.5	6 12 25			6.3		
39.54	0.84	18 58 5.5	6 11 24	8.4	5.5	5.4		0.1
39.50	0.78	18 58 14.4	6 7 54			6.4		
39.67	0.79	18 58 30.0	6 16 53			6.4		
39.60	0.60	18 59 4.1	6 7 52			5.8		
39.74	0.54	18 59 32.3	6 13 51			5.8		
39.70	0.51	18 59 33.9	6 10 51		6.5	5.1		1.4
39.84	0.45	19 0 1.6	6 16 50	7.7	3.5	3.0		0.5
39.77	0.40	19 0 5.2	6 11 50			6.3		
39.82	0.32	19 0 27.7	6 11 49		5.9	4.8		1.1
39.80	0.29	19 0 32.7	6 10 19			6.1		
39.94	0.23	19 0 59.5	6 15 48	7.2	6.2	6.0		0.2
40.01	0.05	19 1 47.0	6 14 46			6.5		
40.04	0.01	19 1 58.3	6 14 46			6.0		
40.01	-0.02	19 2 3.2	6 12 46		5.3	4.8		0.5
39.95	-0.08	19 2 8.6	6 7 45			5.9		
40.08	-0.13	19 2 31.6	6 13 15			6.3		
40.10	-0.13	19 2 36.2	6 14 14			5.6		
40.02	-0.19	19 2 39.1	6 8 14			5.9		
40.09	-0.24	19 2 57.9	6 10 44			6.5		
40.16	-0.23	19 3 2.9	6 14 43			6.4		
40.17	-0.26	19 3 10.7	6 14 13			6.2		
40.19	-0.30	19 3 21.2	6 14 43			5.7		
40.29	-0.37	19 3 47.8	6 17 42		5.7	5.6		0.1
40.23	-0.44	19 3 56.2	6 12 42			6.2		
40.24	-0.48	19 4 6.4	6 12 11	7.4	5.6	5.7		-0.1
40.30	-0.49	19 4 15.2	6 14 41			6.5		
40.36	-0.50	19 4 23.1	6 17 41			6.4		
40.26	-0.57	19 4 28.3	6 10 40			5.9		
40.34	-0.58	19 4 37.8	6 14 40			5.8		
40.27	-0.67	19 4 49.5	6 8 40			6.0		
40.37	-0.68	19 5 2.5	6 13 39		6.4	5.8		0.6
40.39	-0.71	19 5 11.0	6 13 39			6.4		
40.42	-0.71	19 5 14.8	6 15 9		6.4	5.8		0.6
40.47	-0.77	19 5 32.3	6 16 8			6.3		
40.43	-0.79	19 5 34.0	6 13 38	4.1	0.5	0.1	-0.4	0.4
40.50	-0.79	19 5 41.2	6 17 8		6.2	5.6		0.6
40.51	-0.81	19 5 46.6	6 17 38			6.0		
40.54	-0.92	19 6 14.0	6 15 37			6.1		

LII	BII	RA(1950)	DEC(1950)	I	H	K	L	H-K
40.48	-0.98	19 6 19.4	6 10 37			6.0		
40.50	-1.10	19 6 46.9	6 8 36		6.3	5.6		0.7
40.59	-1.13	19 7 5.0	6 12 35		6.4	5.6		0.8
40.54	-1.17	19 7 6.9	6 8 35			6.3		
40.66	-1.12	19 7 10.0	6 16 35			6.2		
40.62	-1.23	19 7 29.2	6 11 4			6.1		
40.71	-1.21	19 7 35.3	6 16 34		5.1	4.5		0.6
40.69	-1.25	19 7 40.8	6 14 34		6.1	5.0		1.1
40.60	-1.31	19 7 42.9	6 8 4			6.4		
40.68	-1.31	19 7 53.1	6 12 33		5.2	4.9		0.3
40.77	-1.32	19 8 4.4	6 17 3			5.8		
40.90	-1.67	19 9 34.4	6 14 0		5.5	4.8		0.7
40.88	-1.70	19 9 37.3	6 12 0			6.4		

FIELD CENTER LII=45.0 BII=0.0

LII	BII	RA(1950)	DEC(1950)	I	H	K	L	H-K
44.17	1.65	19 3 49.1	10 40 12		6.1	5.6		0.5
44.22	1.48	19 4 31.9	10 38 10		6.0	5.3		0.7
44.20	1.40	19 4 46.6	10 34 40		6.4	5.8		0.6
44.29	1.45	19 4 47.8	10 41 10		6.3	5.8		0.5
44.29	1.35	19 5 8.1	10 38 39		6.1	5.5		0.6
44.44	1.18	19 6 3.0	10 41 37		5.7	5.2		0.5
44.39	1.07	19 6 20.8	10 35 37			6.4		
44.45	1.02	19 6 38.3	10 37 36	7.9	6.4	6.2		0.2
44.63	0.69	19 8 10.0	10 37 33	8.0	<4.3	<3.9		
44.70	0.72	19 8 11.3	10 42 33			6.0		
44.68	0.64	19 8 26.7	10 39 2			6.1		
44.71	0.64	19 8 28.8	10 41 2	8.0	<4.3	<3.9		
44.74	0.62	19 8 38.3	10 42 2		6.0	5.6		0.4
44.72	0.58	19 8 42.8	10 39 32			6.4		
44.64	0.53	19 8 45.1	10 34 1		5.4	4.9		0.5
44.83	0.28	19 10 2.1	10 36 59			6.5		
44.87	0.27	19 10 8.8	10 38 59	8.6	6.3	6.1		0.2
44.82	0.19	19 10 18.4	10 33 58			6.1		
44.93	0.17	19 10 36.3	10 38 58	7.7	6.0	5.7		0.3
44.97	0.13	19 10 49.0	10 40 27			6.4		
45.00	0.07	19 11 5.8	10 39 57		5.9	5.3		0.6
45.03	-0.04	19 11 32.1	10 38 56		<4.3	<3.9		
45.04	-0.11	19 11 50.6	10 37 25			6.2		
45.15	-0.15	19 12 10.2	10 41 54			6.5		
45.08	-0.27	19 12 28.9	10 34 54			6.3		
45.24	-0.42	19 13 18.0	10 39 22			6.2		
45.26	-0.42	19 13 21.8	10 40 22		6.5	5.5		1.0
45.23	-0.52	19 13 38.9	10 35 51		6.1	5.6		0.5
45.23	-0.56	19 13 47.7	10 34 21			5.9		
45.29	-0.54	19 13 49.6	10 38 21			5.9		
45.45	-0.84	19 15 12.5	10 38 18			5.5		
45.57	-0.89	19 15 38.8	10 43 17		<4.3	<3.9		
45.61	-0.96	19 15 58.3	10 43 16		<4.3	<3.9		
45.62	-1.09	19 16 26.7	10 40 15		<4.3	<3.9		
45.65	-1.11	19 16 34.2	10 41 15		6.4	6.1		0.3
45.72	-1.43	19 17 51.8	10 35 43	8.2		6.2		
45.78	-1.64	19 18 42.8	10 33 11	8.1	5.7	5.5		0.2
45.98	-1.67	19 19 14.2	10 42 40	8.0	6.2	6.1		0.1
45.99	-1.81	19 19 45.4	10 39 39			6.5		

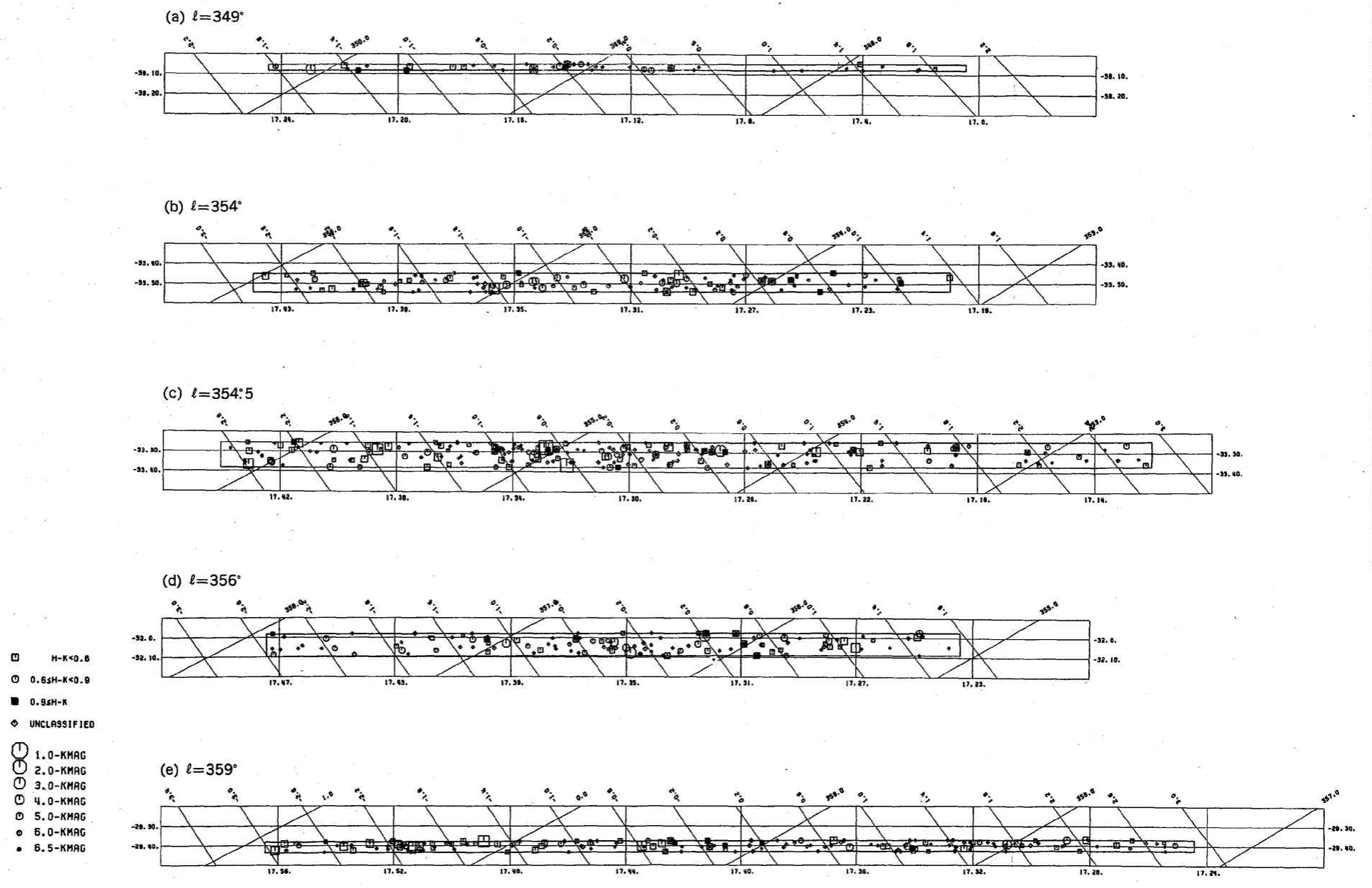
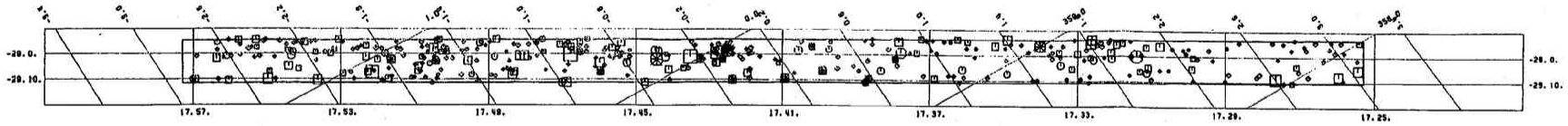
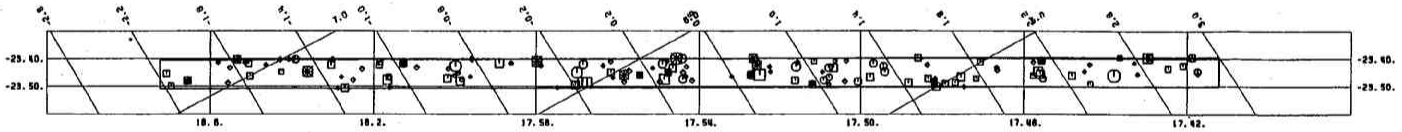


Fig. 1. Distribution of the sources in the field at (a) l=349°, (b) l=354°, (c) l=354.°5, (d) l=356°, (e) l=359°, (f) l=0°, (g) l=6°, (h) l=10.°5, (i) l=21.°5, (j) l=24°, (k) l=26°, (l) l=27°, (m) l=28°, (n) l=30°, (o) l=35°, (p) l=40°, and (q) l=45°.

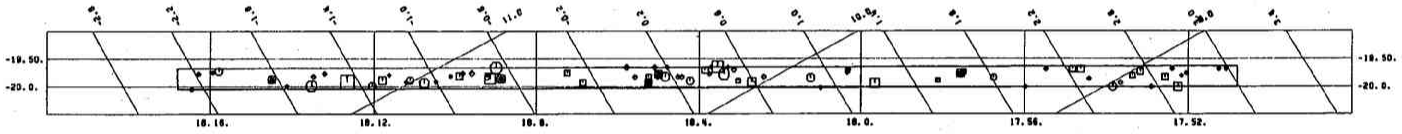
(f) $\ell=0°$



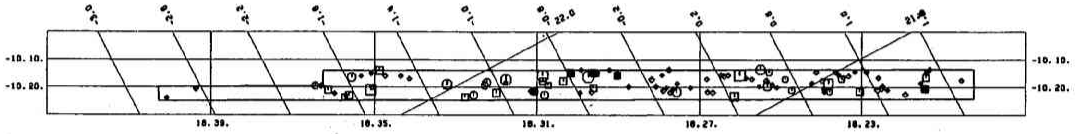
(g) $\ell=6°$

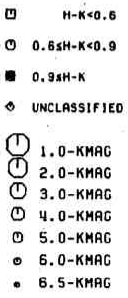


(h) $\ell=10°.5$

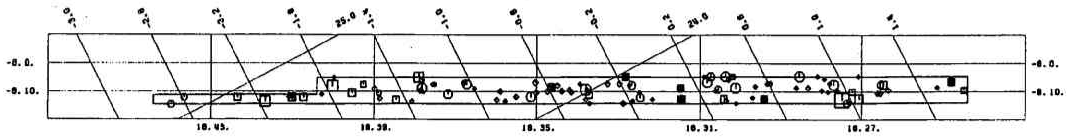


(i) $\ell=21°.5$

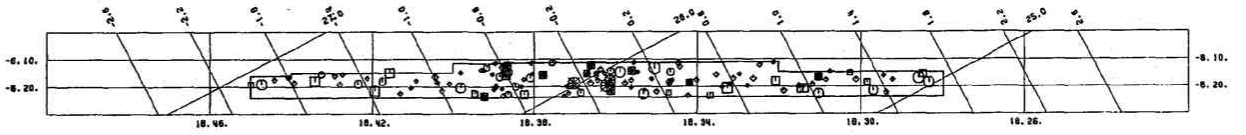




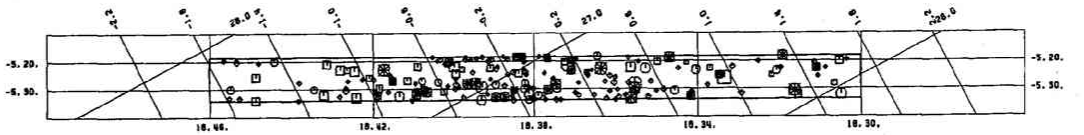
(j) $\ell=24°$



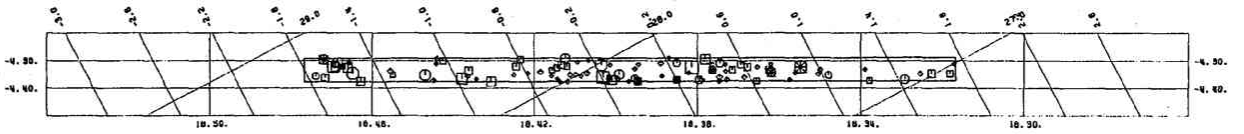
(k) ℓ=26°



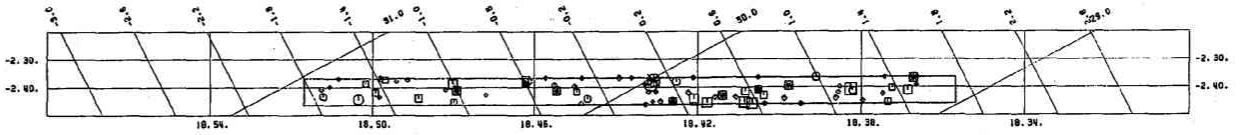
(ℓ) ℓ=27°



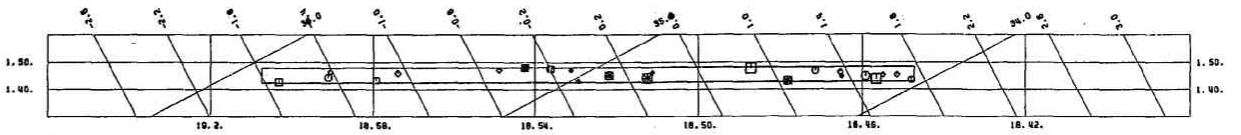
(m) ℓ=28°



(n) ℓ=30°



(o) ℓ=35°



H-K<0.6

0.6≤H-K<0.9

0.9≤H-K

UNCLASSIFIED

1.0-KMAG

2.0-KMAG

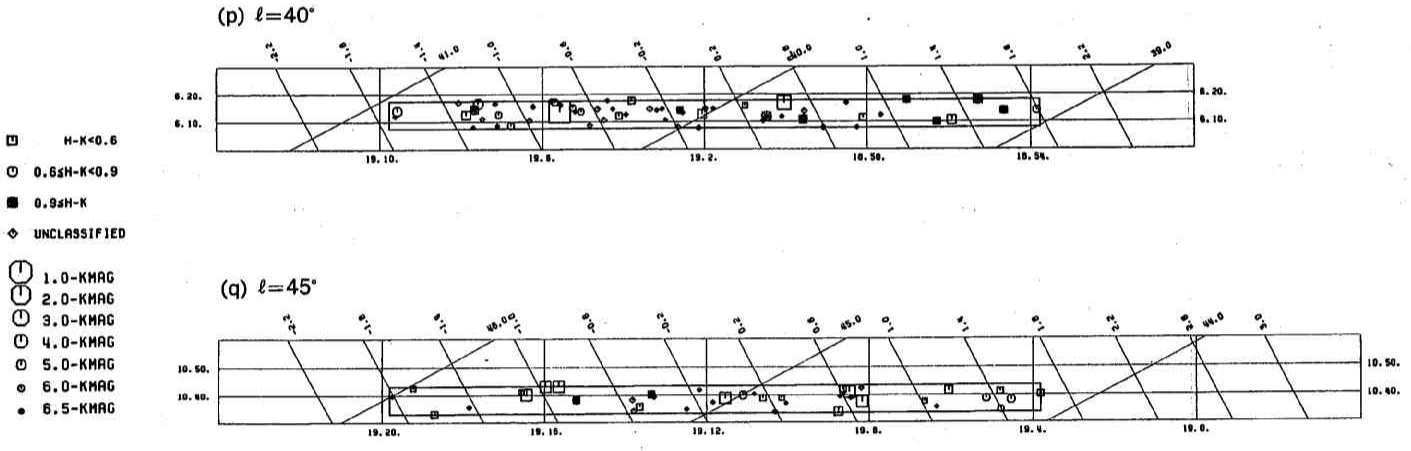
3.0-KMAG

4.0-KMAG

5.0-KMAG

6.0-KMAG

6.5-KMAG


(p) ℓ=40°
(q) ℓ=45°
H-K<0.6
0.6≤H-K<0.9
0.9≤H-K
UNCLASSIFIED
1.0-KMAG
2.0-KMAG
3.0-KMAG
4.0-KMAG
5.0-KMAG
6.0-KMAG
6.5-KMAG