NRL Report 8173

S201 Catalog of Far-Ultraviolet Objects

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20. ABSTRACT (Continue on reverse side if necessary and identify by block number)

A catalog of star images was compiled from images obtained by an NRL Far-Ultraviolet Camera/Spectrograph (Experiment S201) operated from 21 to 23 April 1972 on the lunar surface during the Apollo-16 mission. These images were scanned on a microdensitometer, and the output recorded on magnetic tapes. A set of seven computer programs were written to process these recorded outputs in order to compile the catalog. The catalog is divided into 11 parts, covering ten fields in the sky (the Sagittarius field being covered by two parts), and each part is headed by a constellation name and the

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20. ABSTRACT (Continued)

field center coordinates. The errors in position of the detected images are less than about 3 arc-min. Correlations are given with star numbers in the Smithsonian Astrophysical Observatory catalog. Values are given of the peak density and the density volume (a product of the number of pixels in the image and the density units above background in each pixel). The text includes a discussion of the photometry, corrections thereto due to threshold and saturation effects, and its comparison with theoretical expectation, stellar model atmospheres, and a generalized far-ultraviolet interstellar extinction law. The S201 catalog is also available on a single reel of seven-track magnetic tape.

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THE S201 CATALOG OF FAR-ULTRAVIOLET OBJECTS

INTRODUCTION

The Naval Research Laboratory's Far-Ultraviolet Camera/Spectrograph (Experiment S201) was operated from 21 April to 23 April 1972 on the lunar surface during the Apollo-16 mission. A primary objective of this experiment was to obtain far-ultraviolet images and spectra of stars, nebulas, and extragalactic objects against the low sky background seen from the lunar surface. Figure 1 is a photograph of a training model of the instrument, illustrating its external features. The instrument was based on an electrographic Schmidt camera (Fig. 2). Further details of the instrument are given in Ref. 1.

The direct-imagery frames from the S201 camera covered 20°-diameter circular fields of view and had limiting resolution of about 2 arc-min at field center, degrading to about 4 arc-min near the edges. Exposures of 1, 3, and 10 min were taken with a LiF corrector on the electrographic Schmidt camera (designated ILi exposures, wavelength range 1050 to 1600 Å), followed by exposures of 3, 10, and 30 min with a CaF_2 corrector (designated ICa exposures, wavelength range 1250 to 1600 Å). Figure 3 shows as a function of wavelength the overall detection efficiency of the camera in these two modes of operation. In some cases the sequence was cut short, with the result that the last exposure was less than the maximum of 10 min for ILi or 30 min for ICa.

The ILi exposures include a diffuse background due to interplanetary Lyman-α emission [2]. This background produced a rather high fog level on the 3-min ILi exposures and made nearly all 10-min ILi exposures unusable due to saturation of the emulsion.

The camera was pointed at ten preselected target fields (Figs. 4a, 5a, ..., 13a) during the 48 hr it was deployed, and it obtained 185 photos and spectra. These included fields of view in and out of the galactic plane, allowing a sampling of both galactic and extragalactic objects. Both the target selection and the observing time on each were largely constrained by the mission time-line, the location of the landing site (9°00′S, 15°31′E), and the position of the camera in the shadow of the lunar module. Negative prints of the best direct-imagery frames for each target are shown in Figs. 4b, 5b, ..., 13b.

Preliminary results of experiment S201 were given in Ref. 4; other published papers have given details of the imagery and spectrography of the terrestrial upper atmosphere and geocorona [2, 5, 6], imagery of nebulosities in Cygnus [7], and imagery and spectrography of the Large Magellanic Cloud [8-10].

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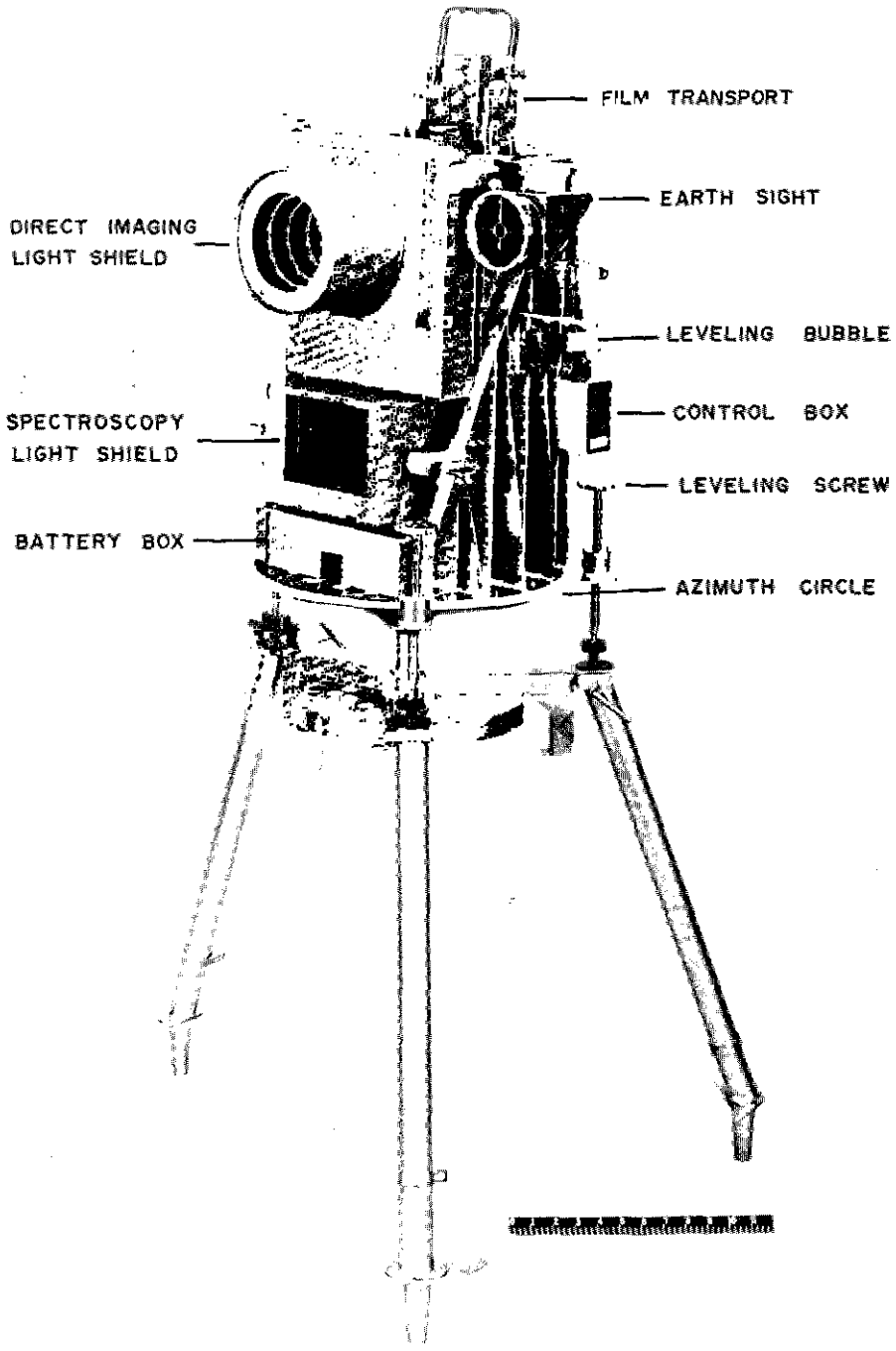


Fig. 1 — Training model of the NRL far-ultraviolet camera/spectrograph

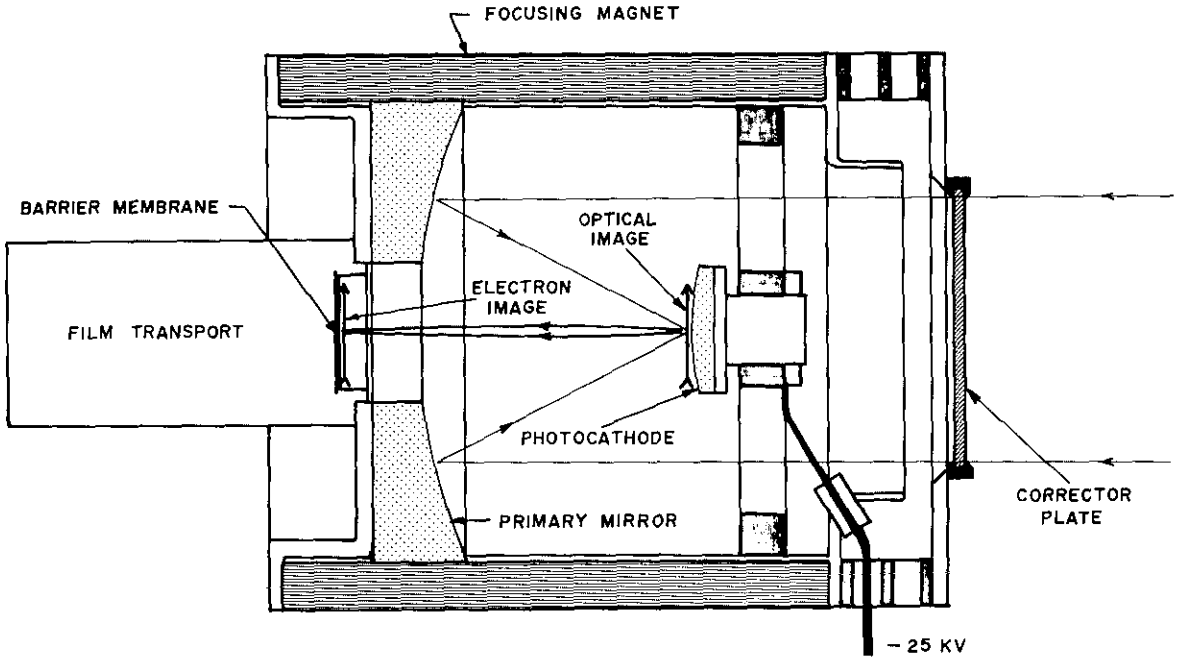


Fig. 2 — Diagram of electrographic Schmidt camera, illustrating operating principle

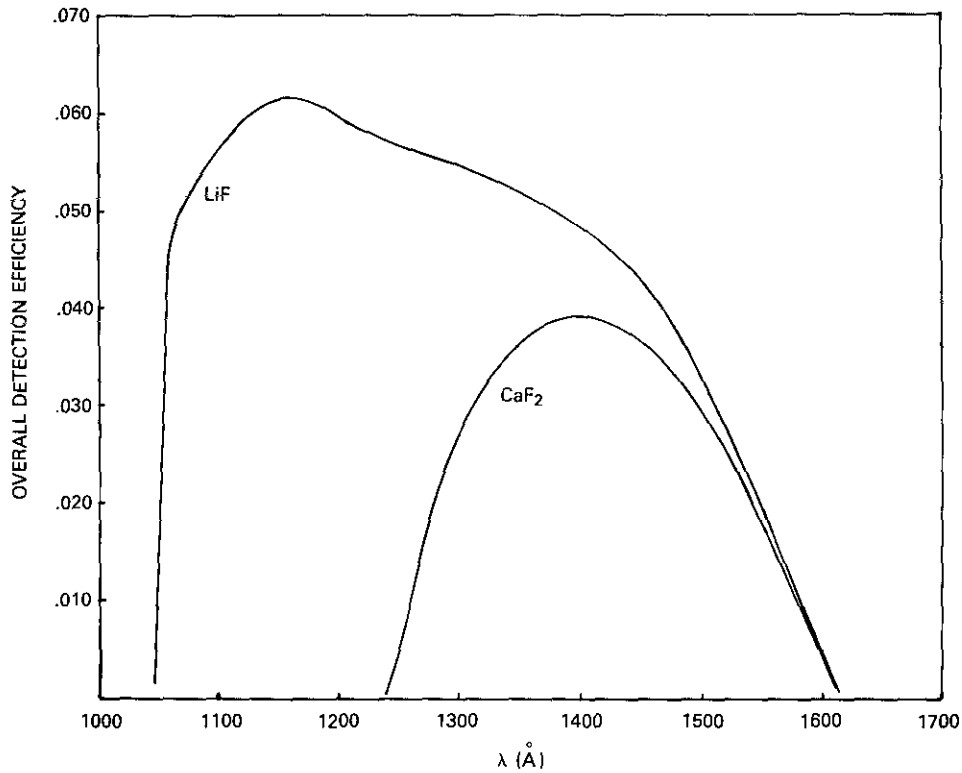


Fig. 3 — Detection efficiency of the camera in direct imaging mode, with a LiF corrector and a CaF_2 corrector

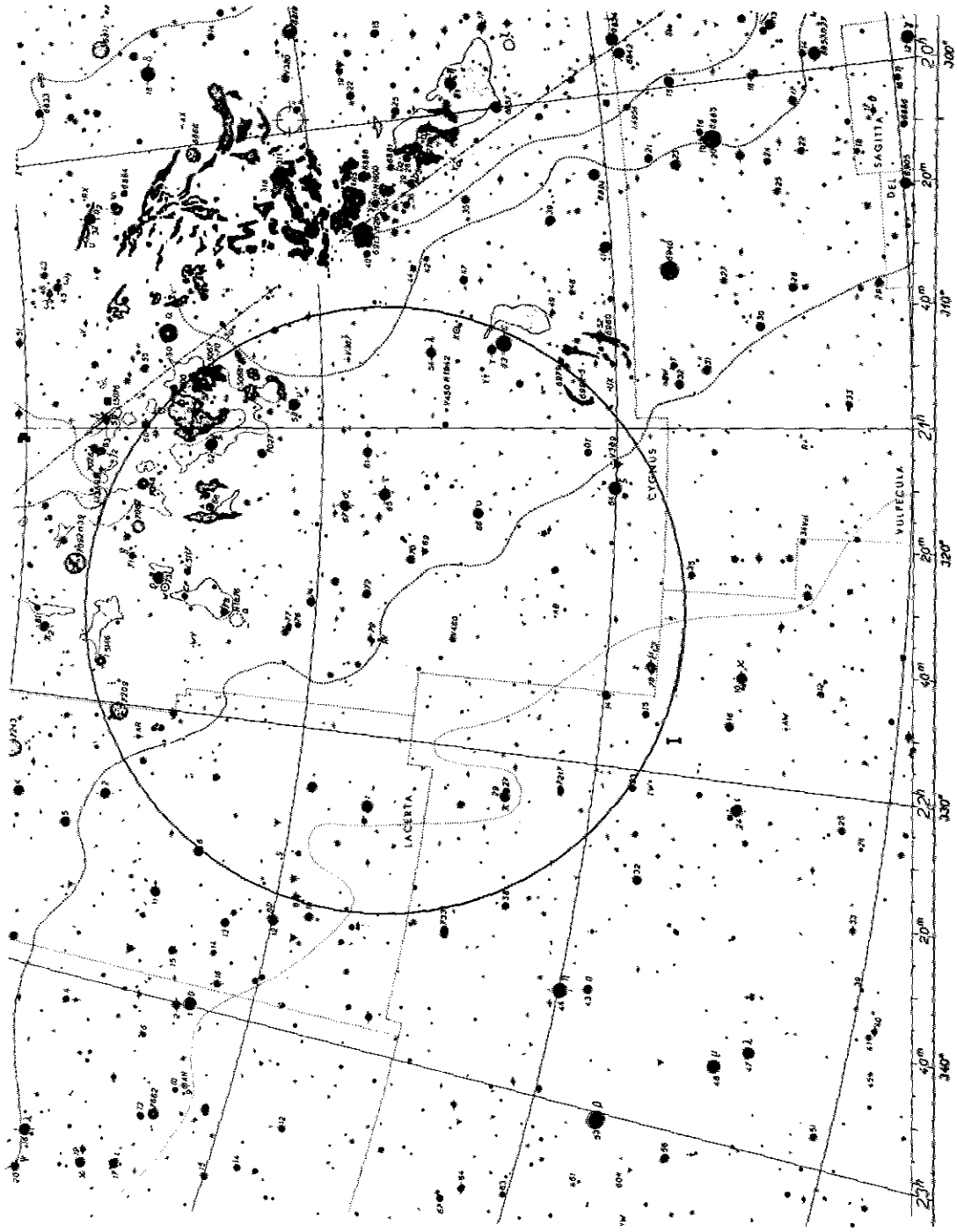


Fig. 4a — Preselected target field (Cygnus). Figures 4a, 5a, ..., 13a are adapted from Ref. 3. The approximate area covered by the S201 pointing is shown by the circle.

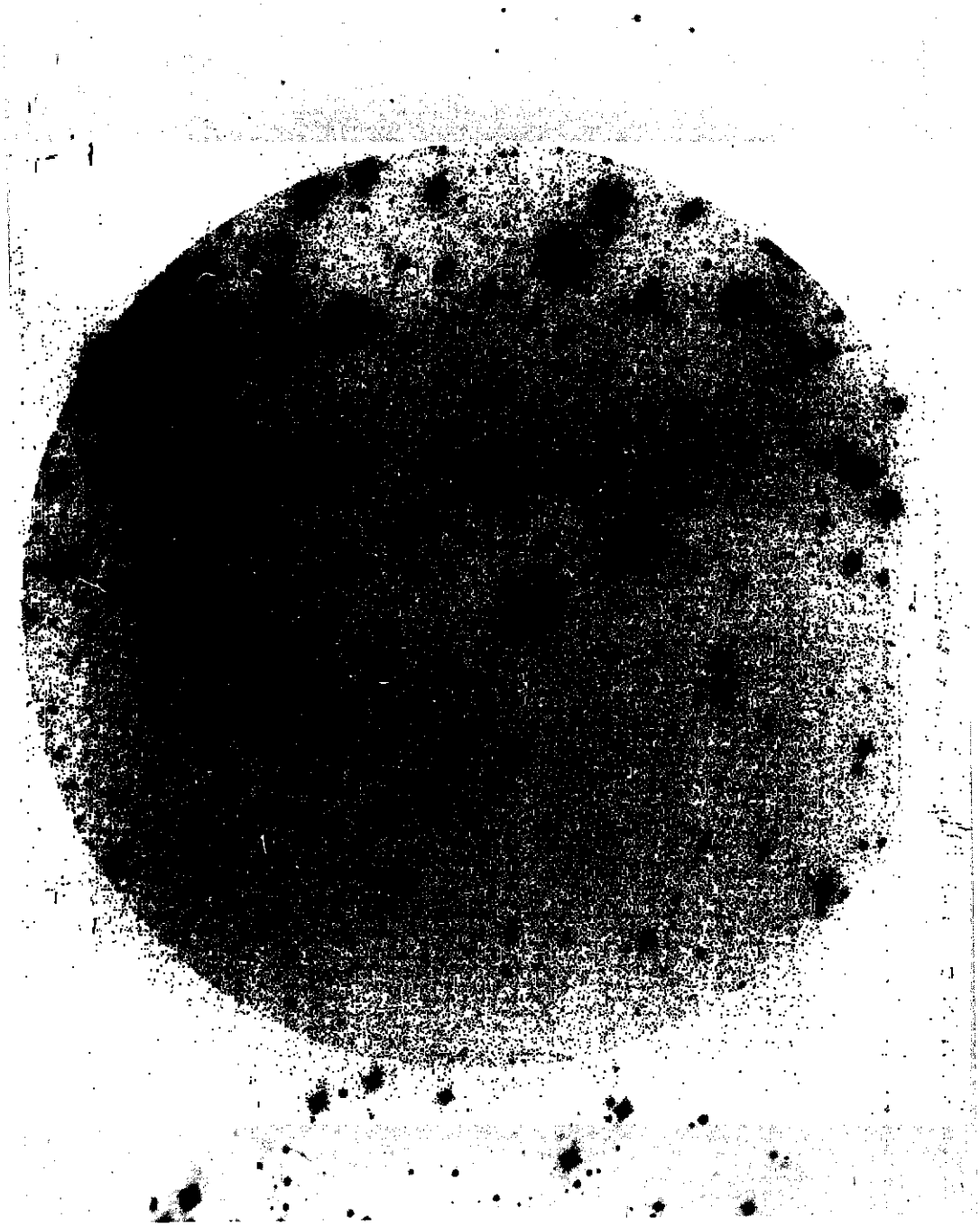


Fig. 4b — S201 starfield photograph (frame A27, ICa, exposure time 10-min)

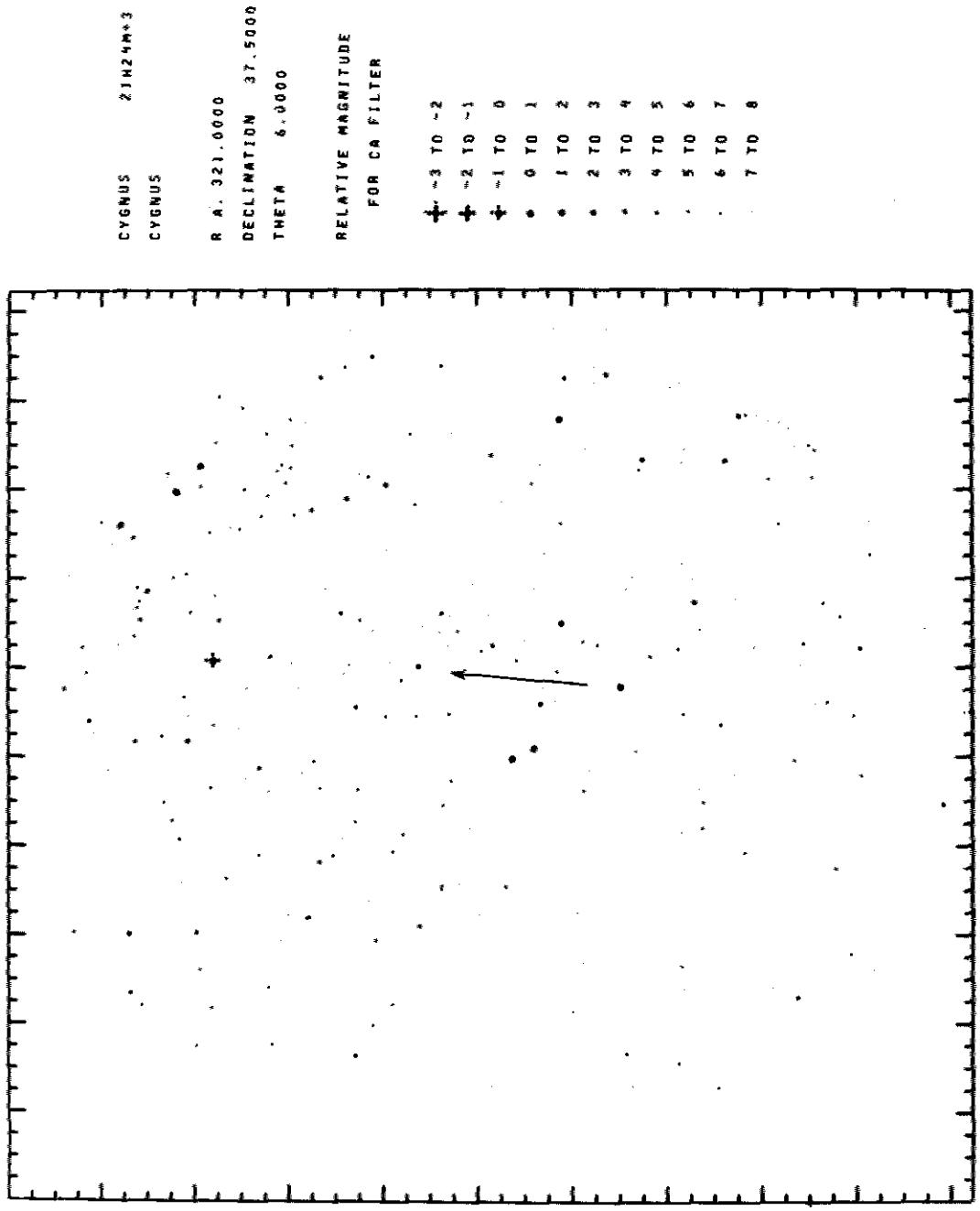


Fig. 4c — Smithsonian Astrophysical Observatory (SAO) star plot of area covered by the S201 image of Fig. 4b. North direction is indicated by arrow. Relative magnitudes are computed from SAO spectral classes and S201 camera response as explained in the text.

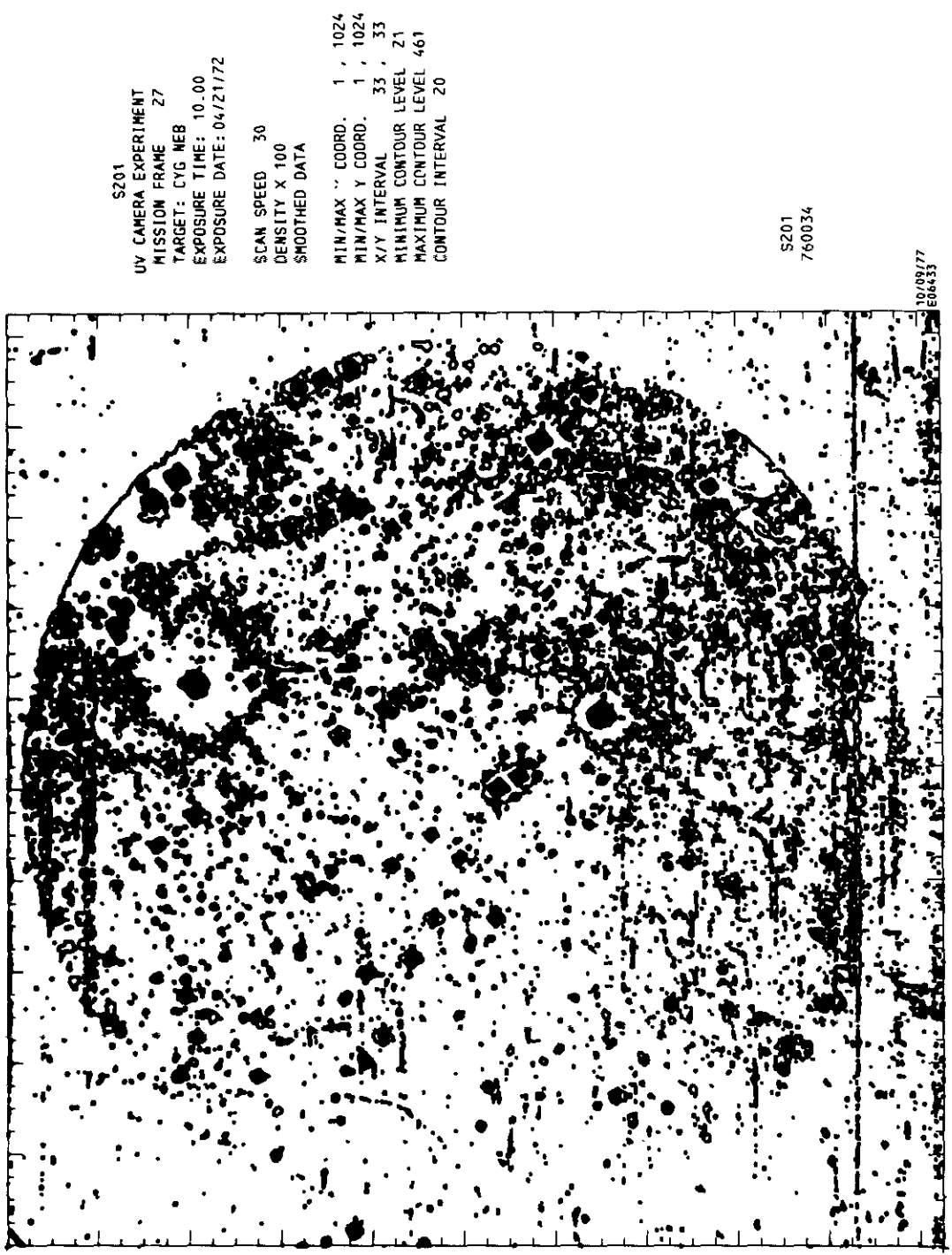


Fig. 4d — Sample isodensity contour plot. Orientation is the same as in Figs. 4b and 4c.

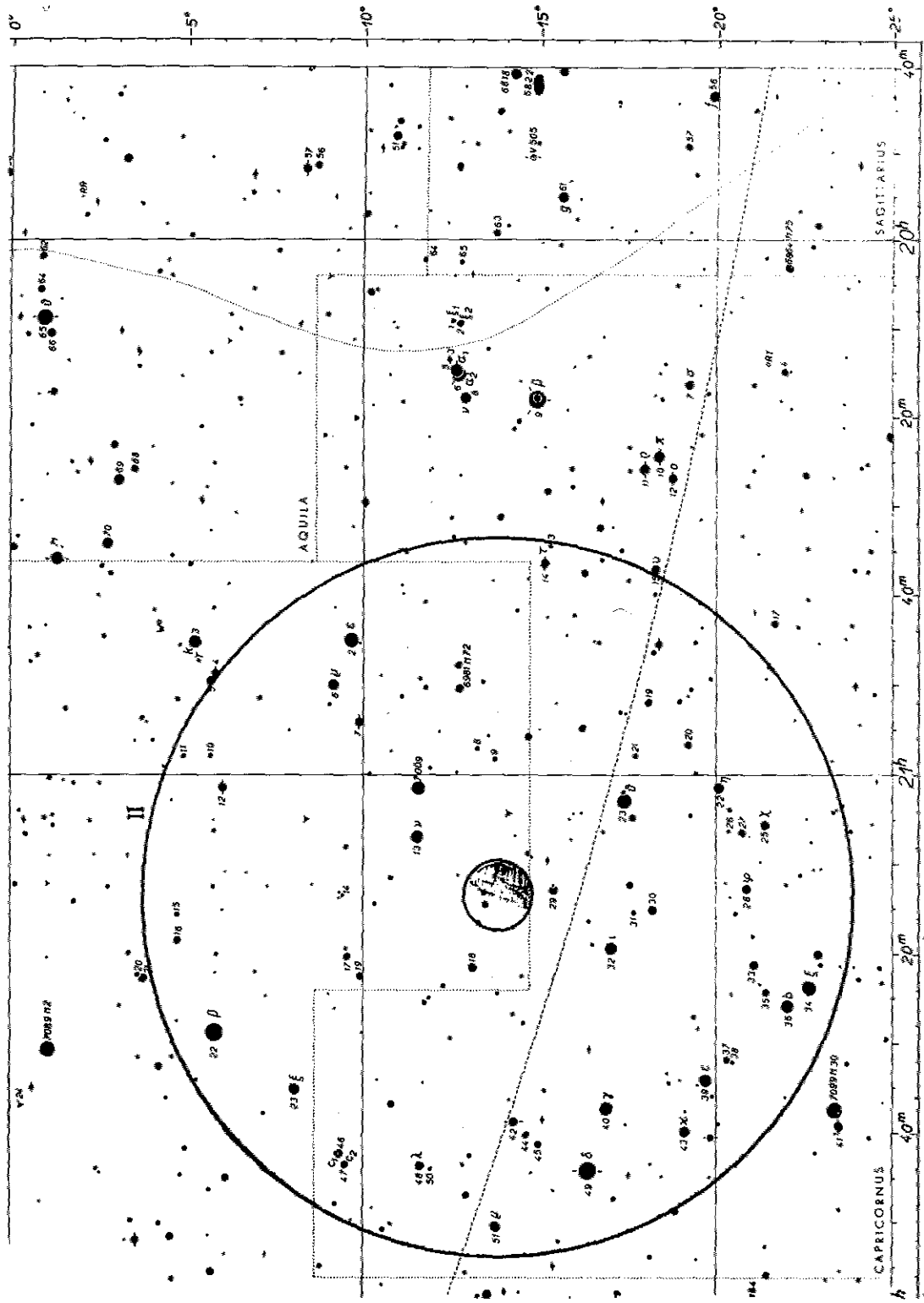


Fig. 5a — Preselected target field (Earth-Capricornis). The approximate area covered by the S201 pointing is shown by the circle.

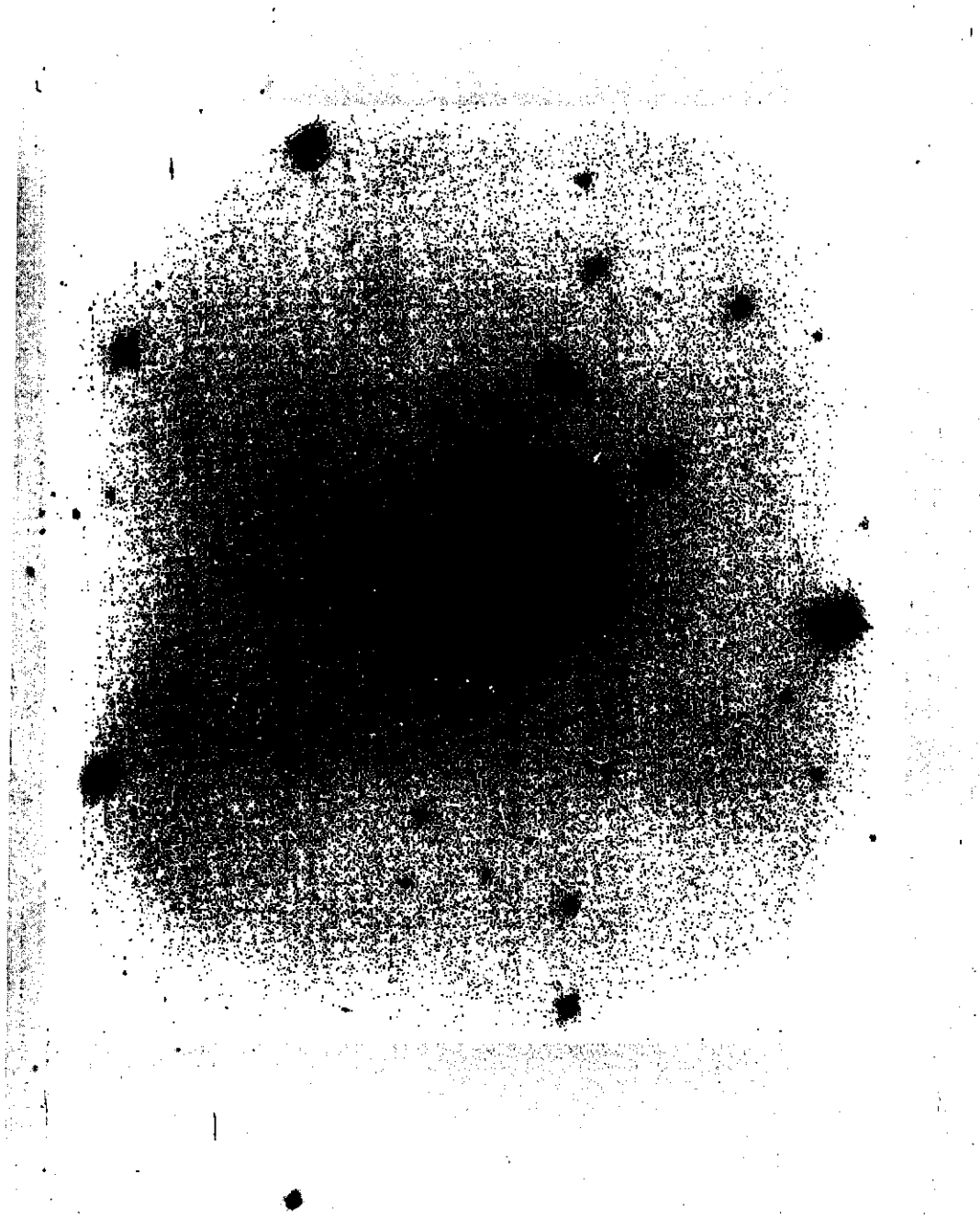


Fig. 5b — S201 starfield photograph (frame A45, ICa, 10-min exposure)

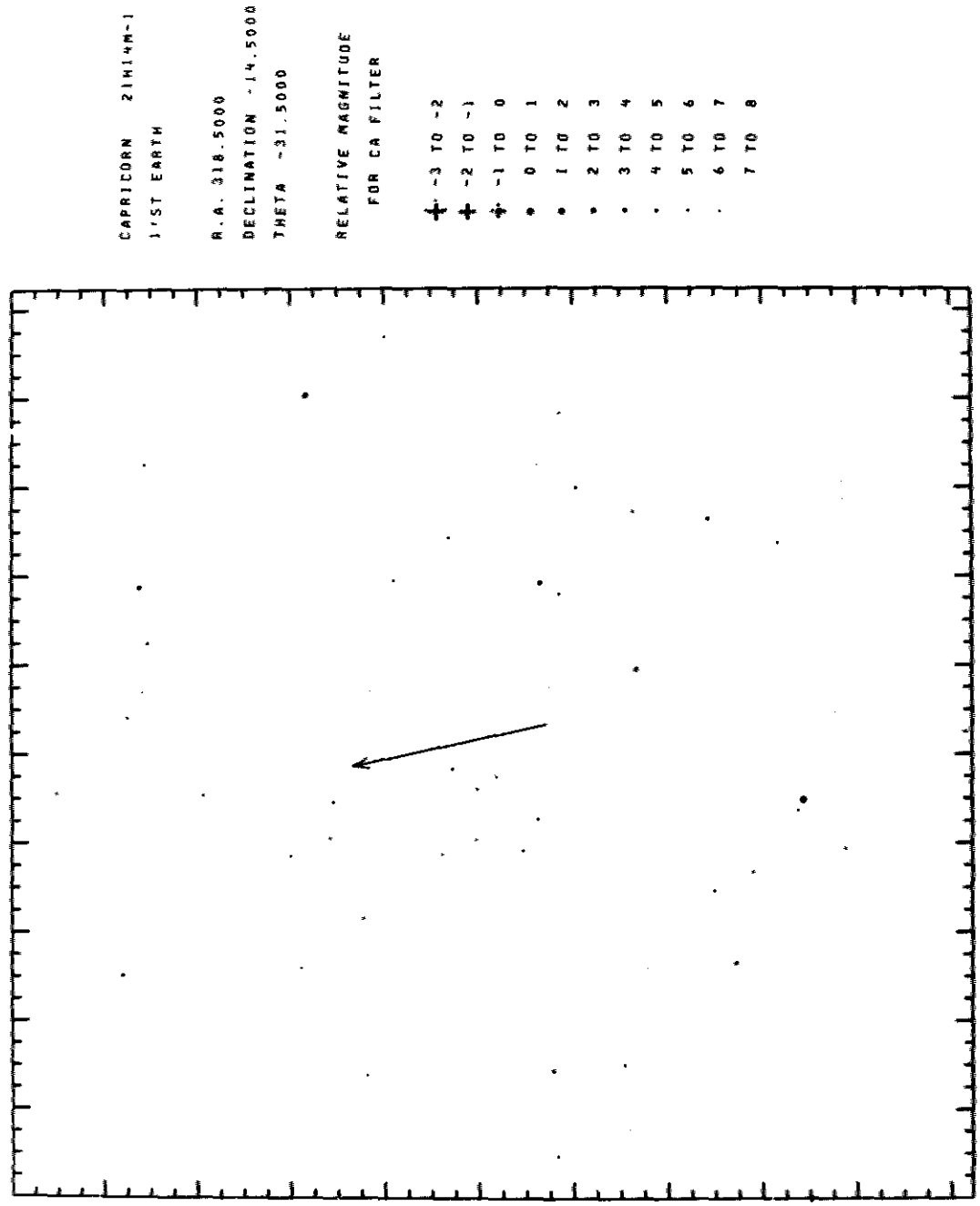


Fig. 5c — Smithsonian Astrophysical Observatory (SAO) star plot of area covered by the S201 image of Fig. 5b

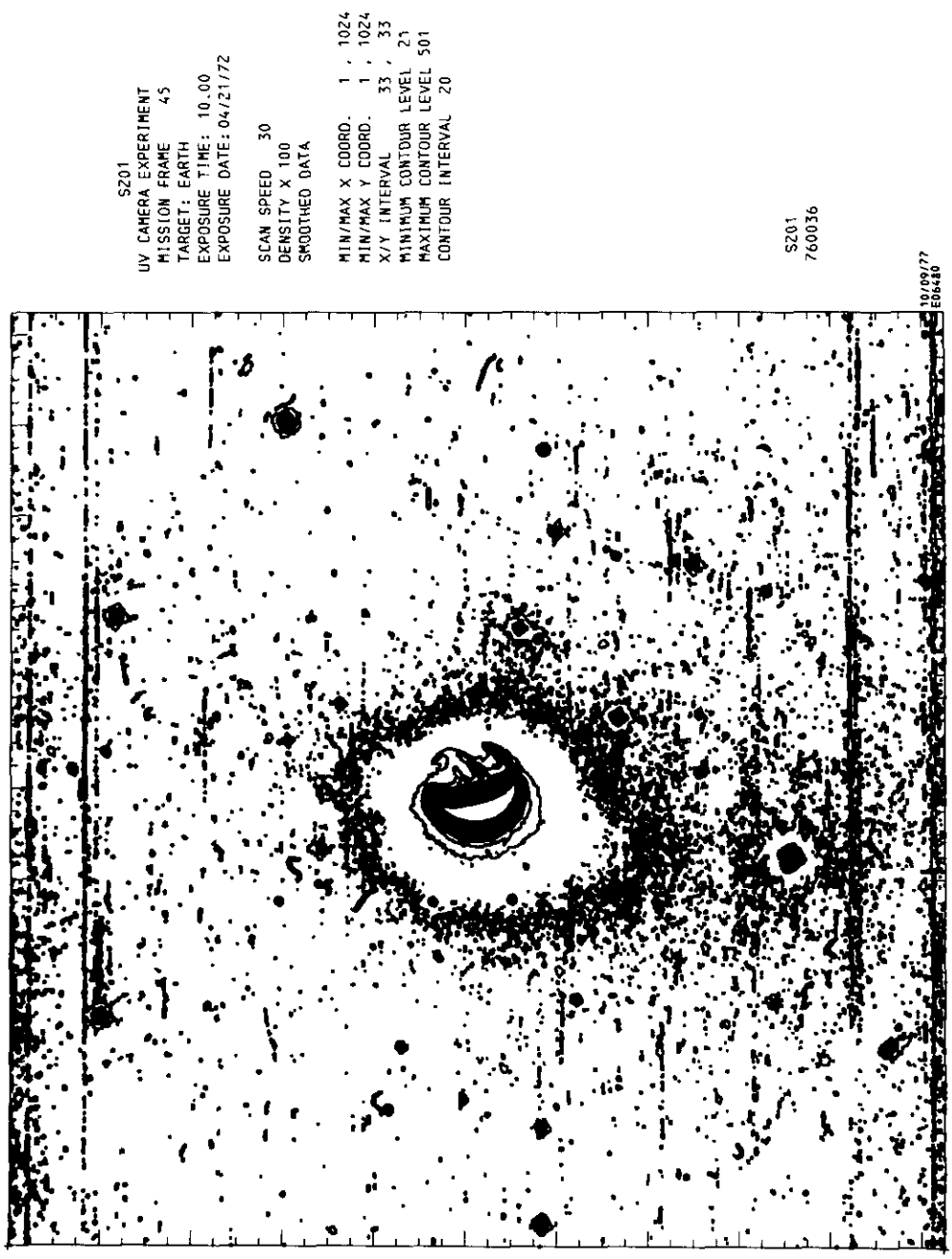


Fig. 5d — Sample isodensity contour plot. Orientation is the same as in Figs. 5b and 5c.

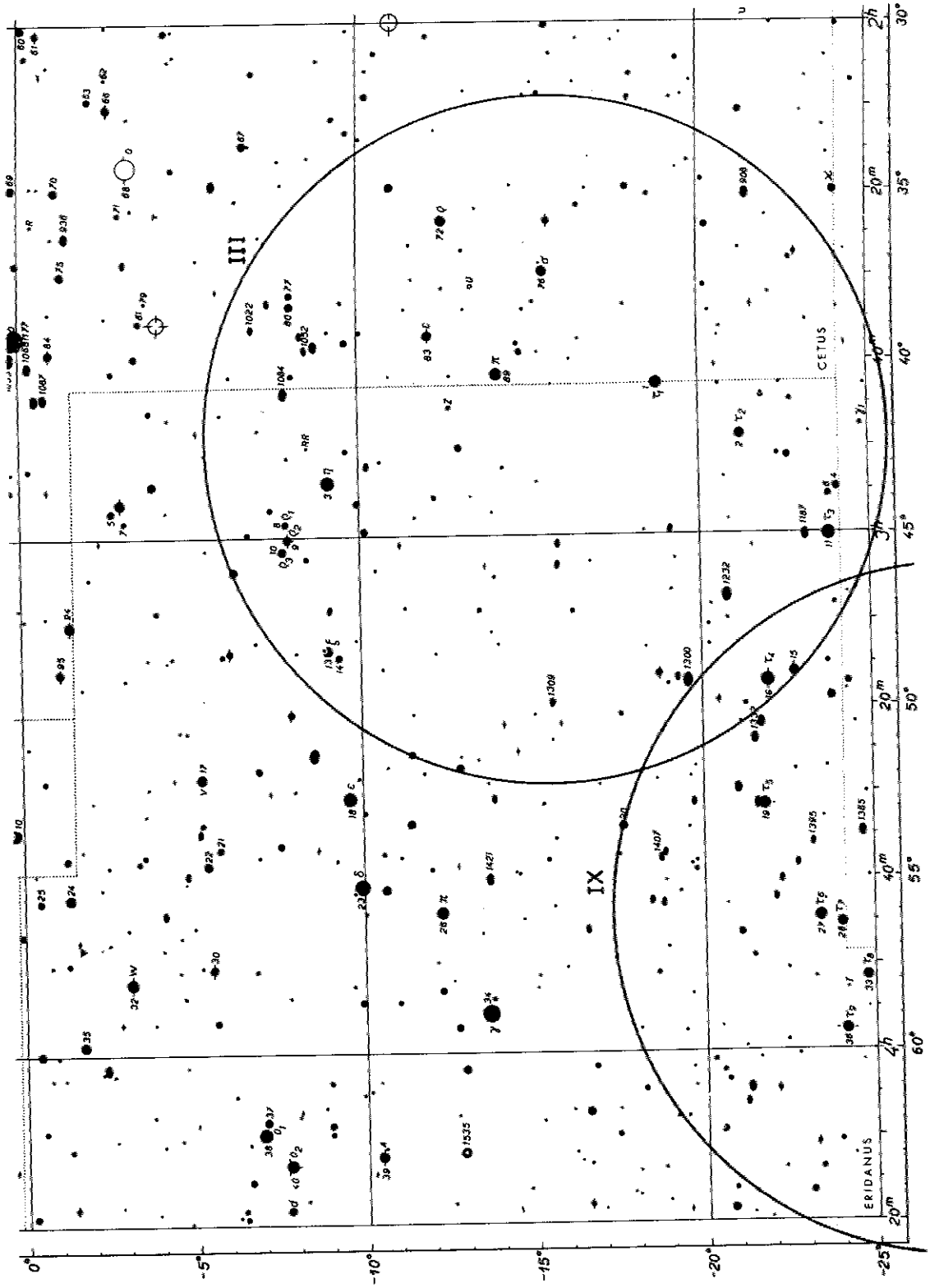


Fig. 6a — Preselected target field (Cetus-N 1068). The approximate area covered by the S201 pointing is shown by the circle.

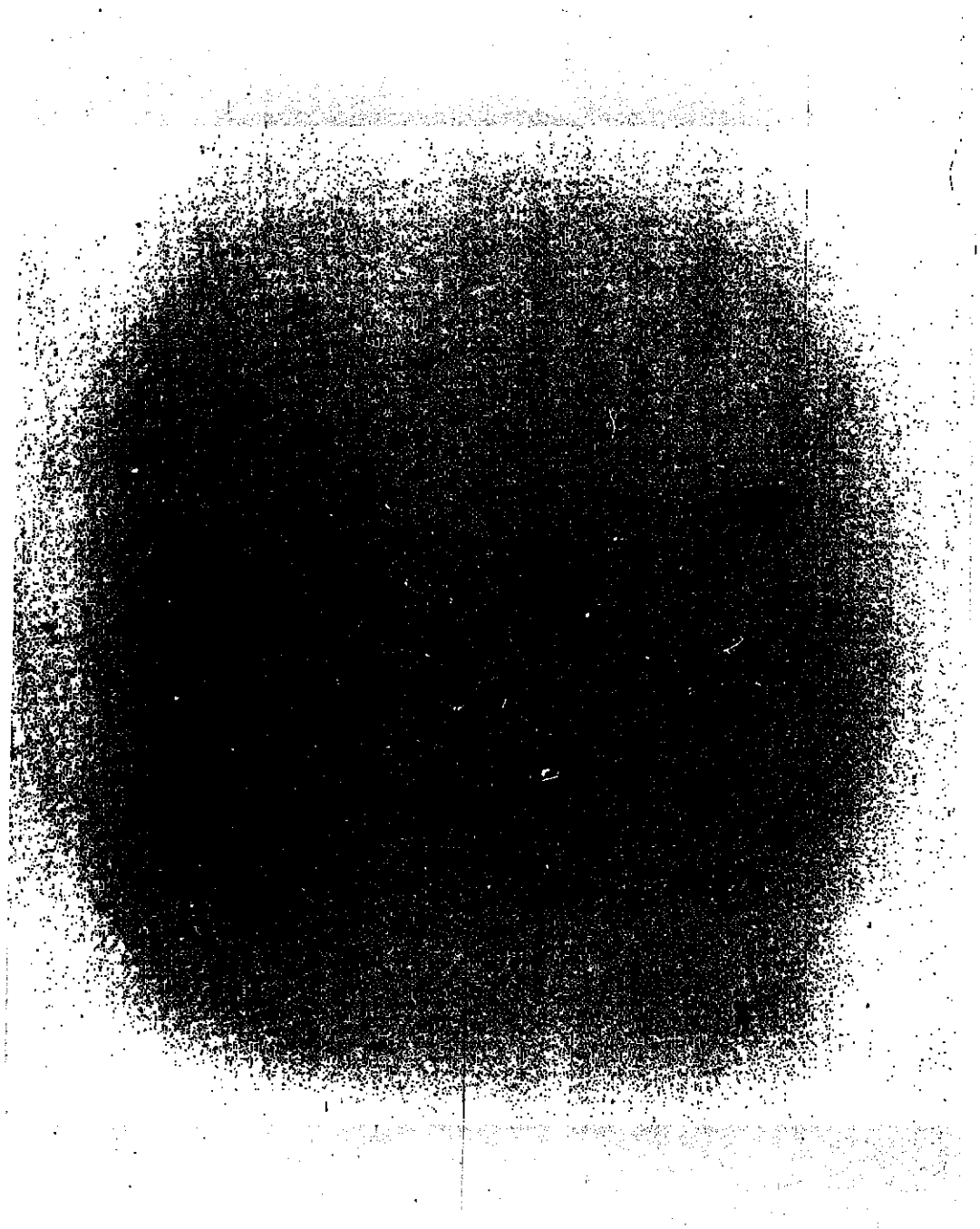


Fig. 6b — S201 starfield photograph (frame A63, ICa, 10-min exposure)

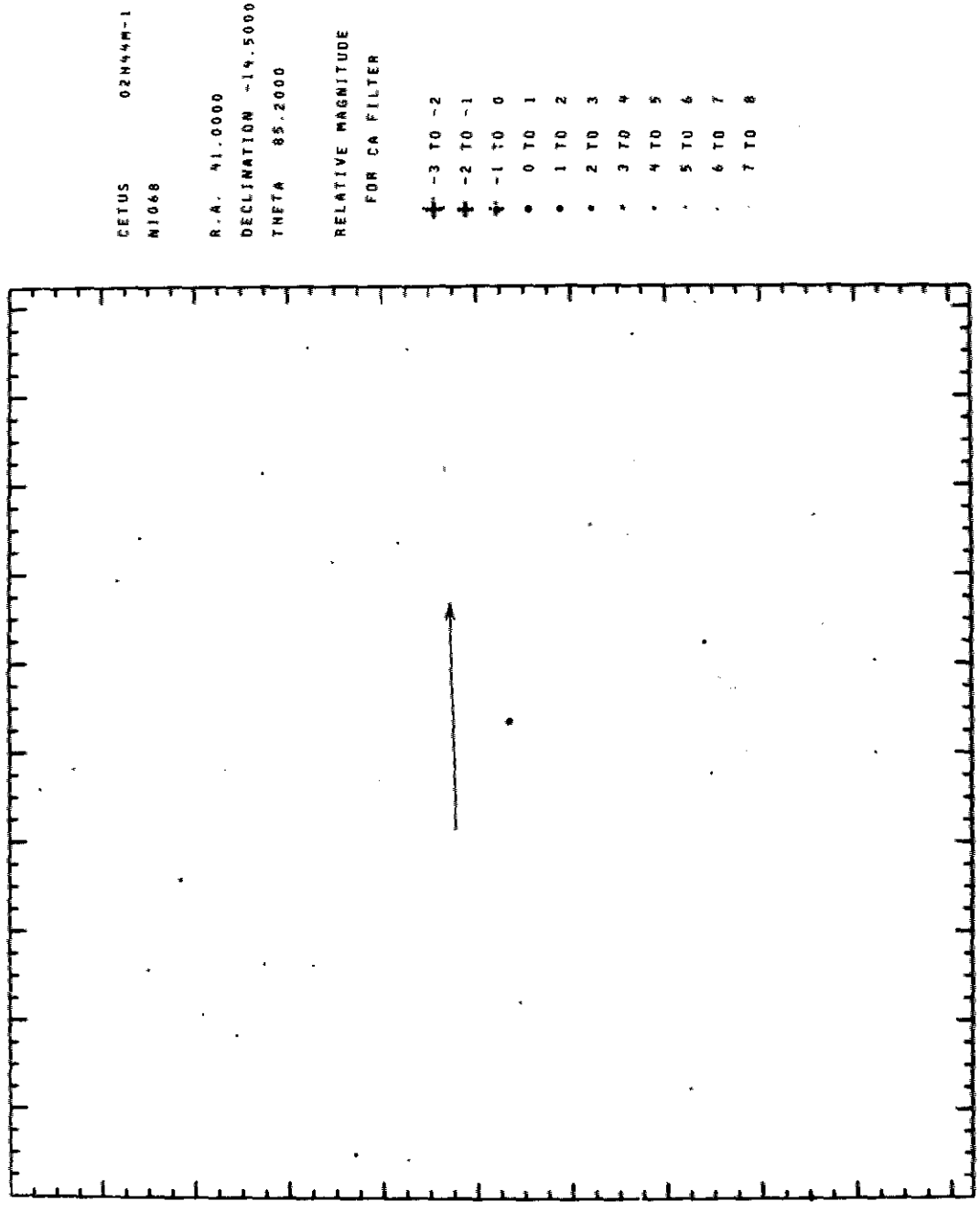


Fig. 6c — Smithsonian Astrophysical Observatory (SAO) star plot of area covered by the S201 image of Fig. 6b

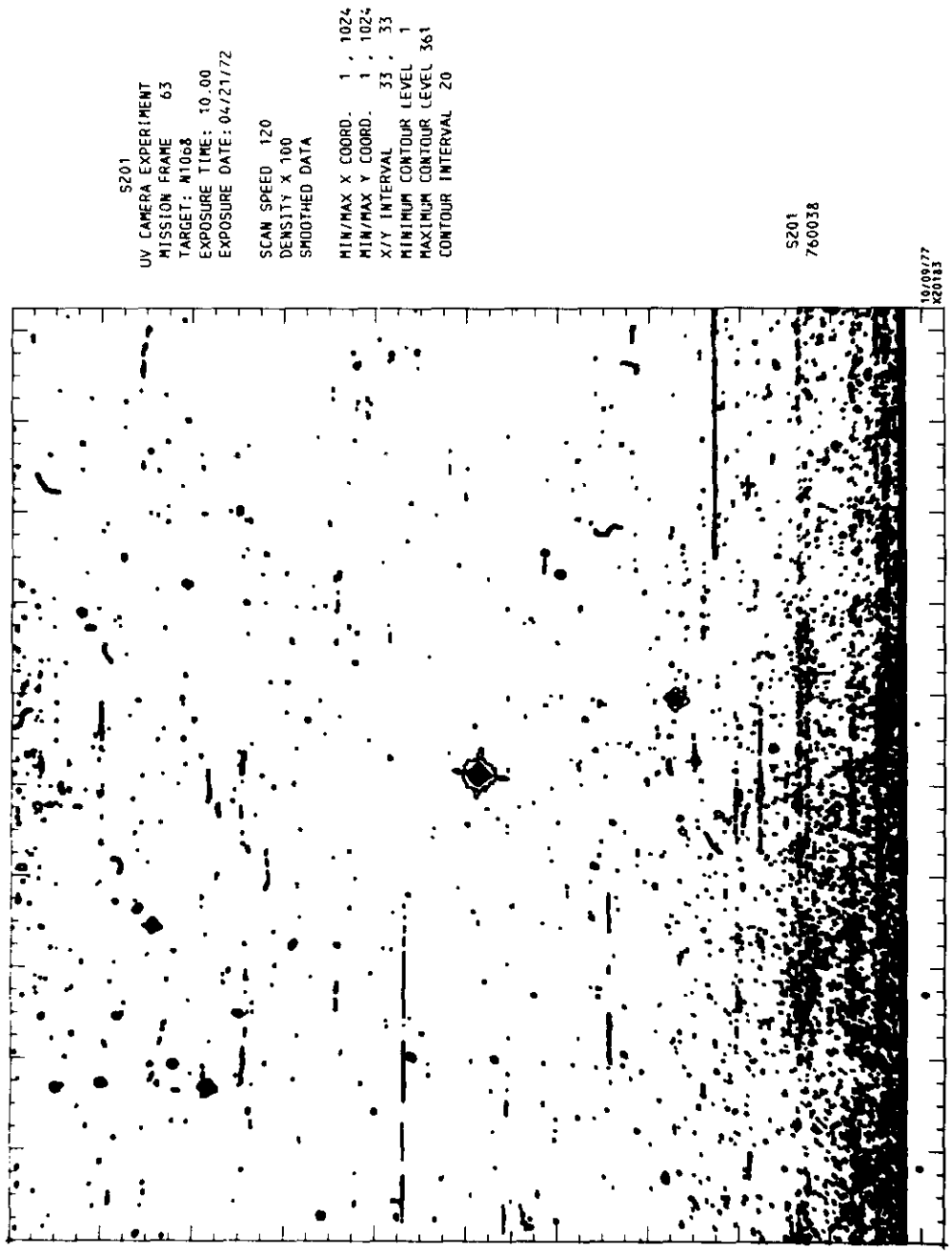


Fig. 6d — Sample isodensity contour plot. Orientation is the same as in Figs. 6b and 6c.

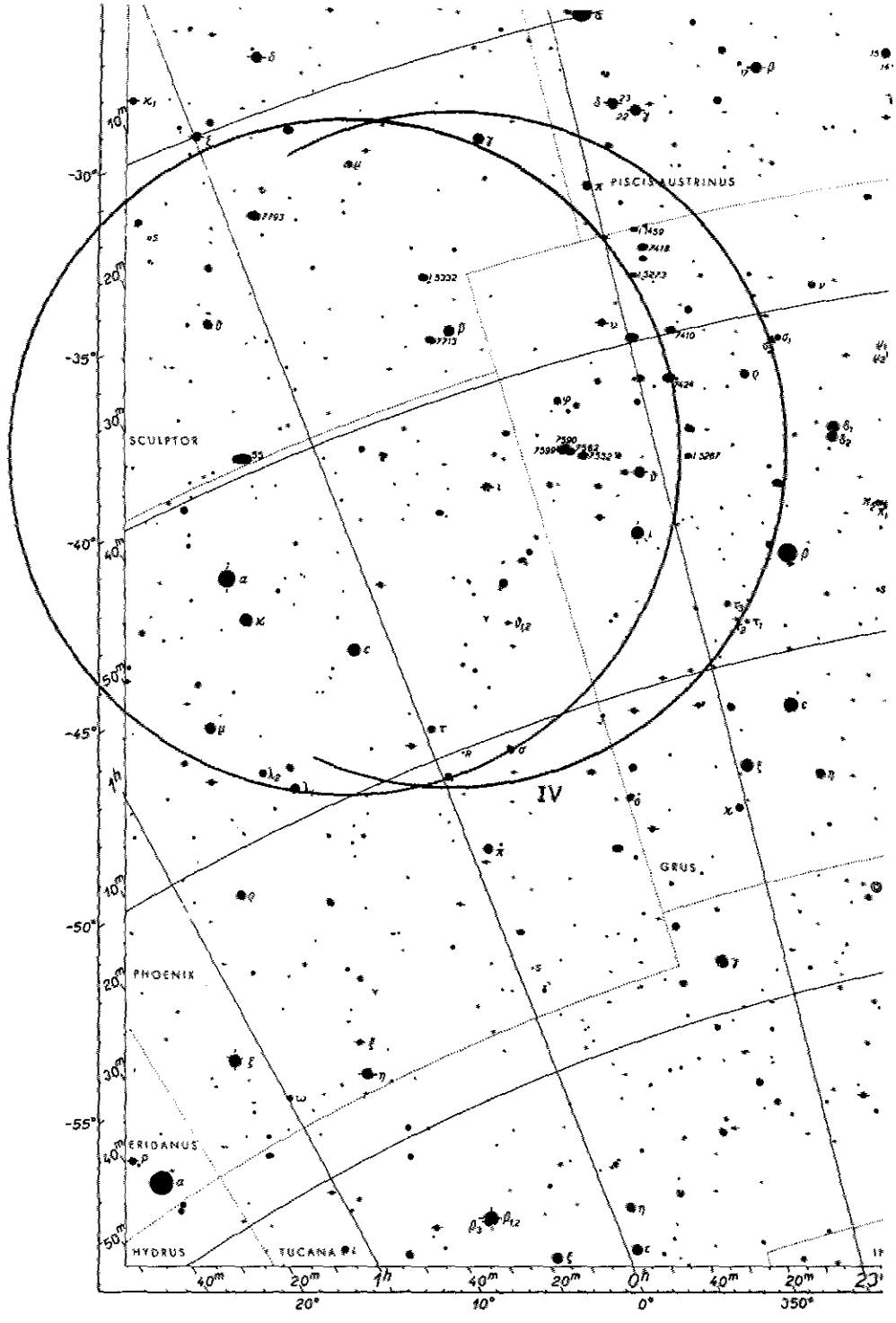


Fig. 7a — Preselected target field (Grus-N55). Two overlapping fields shown. The approximate area covered by the S201 pointing is shown by the two circles (beginning and ending of sequence).

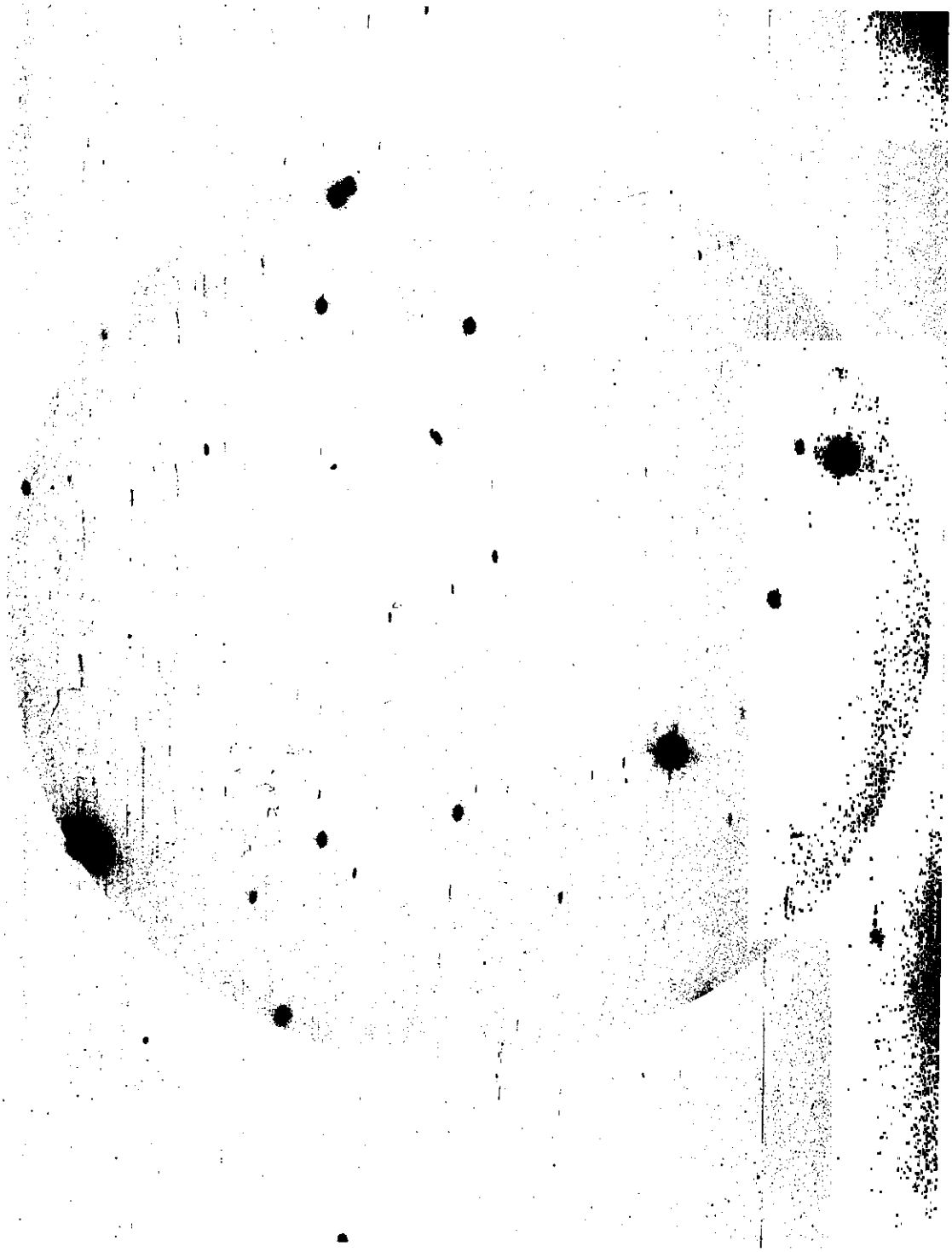


Fig. 7b — S201 starfield photograph (frame A94, ICa, 30-min exposure)

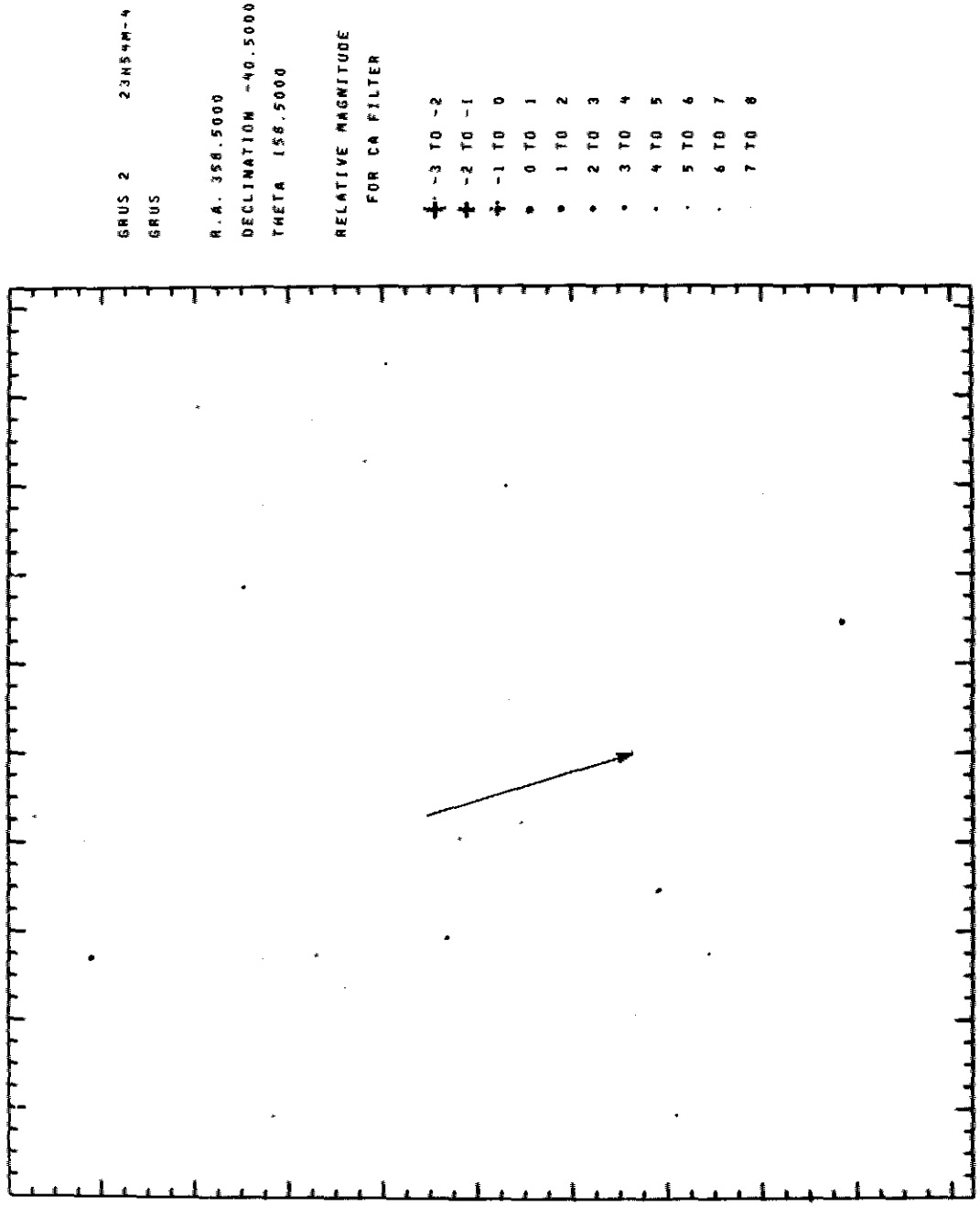


Fig. 7c — Smithsonian Astrophysical Observatory (SAO) star plot of area covered by the S201 image of Fig. 7b

Fig. 7d — Sample isodensity contour plot. Orientation is the same as in Fig. 7b and 7c.

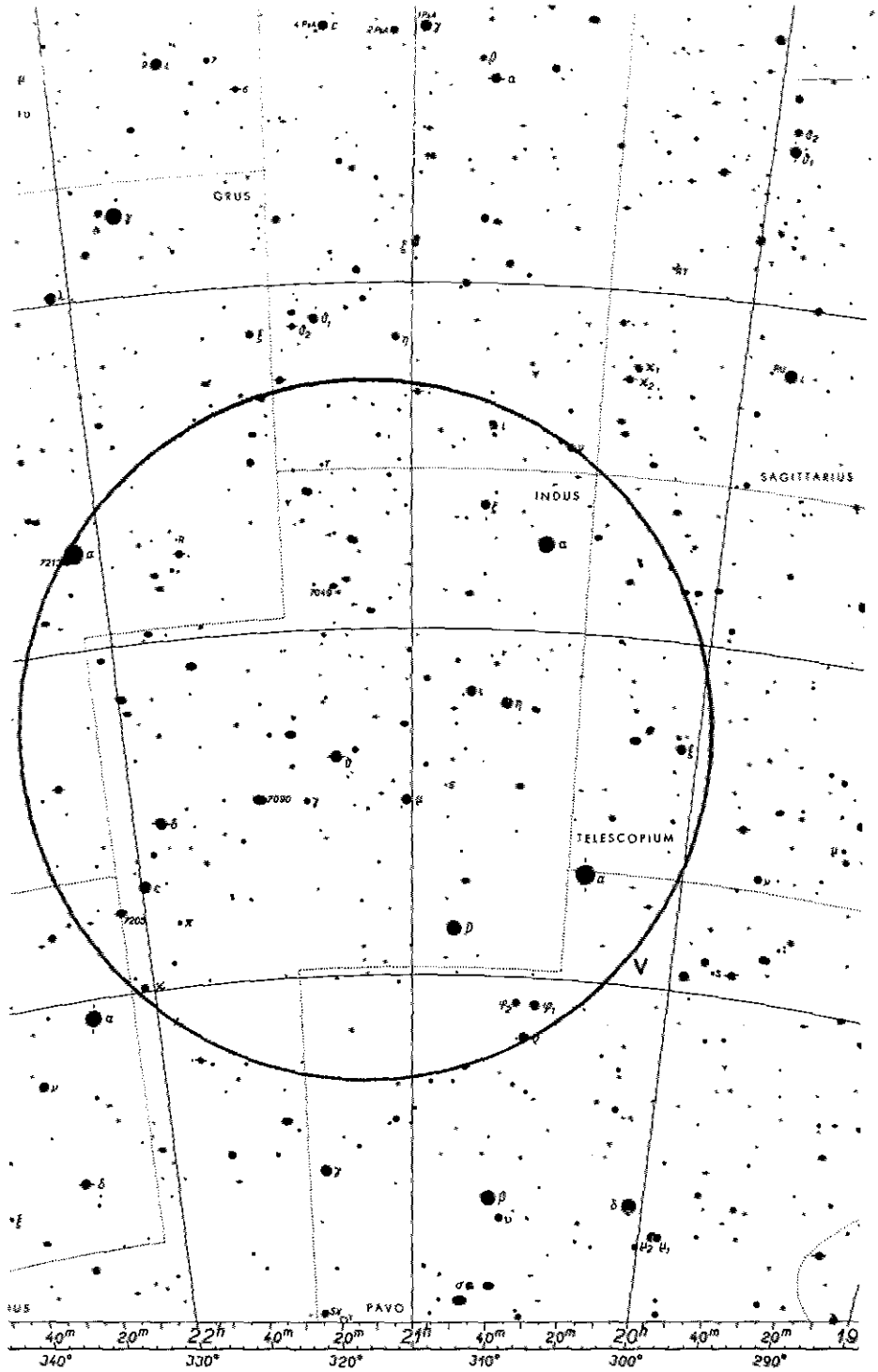


Fig. 8a — Preselected target field (Pavo). The approximate area covered by the S201 pointing is shown by the circle.

Fig. 8b — S201 starfield photograph (frame A121, ICa, 3-min exposure)

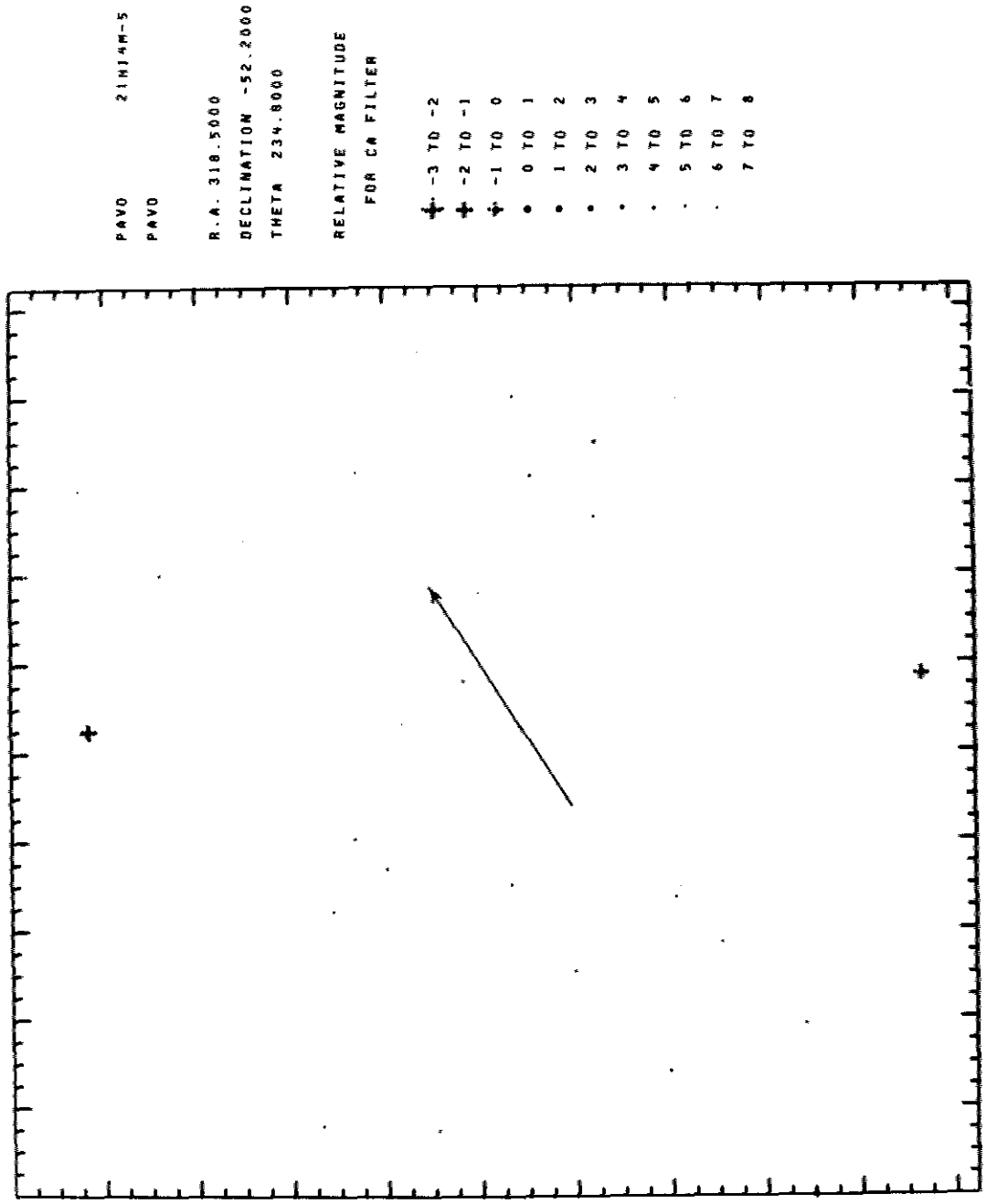


Fig. 8c — Smithsonian Astrophysical Observatory (SAO) star plot of area covered by the S201 image of Fig. 8b

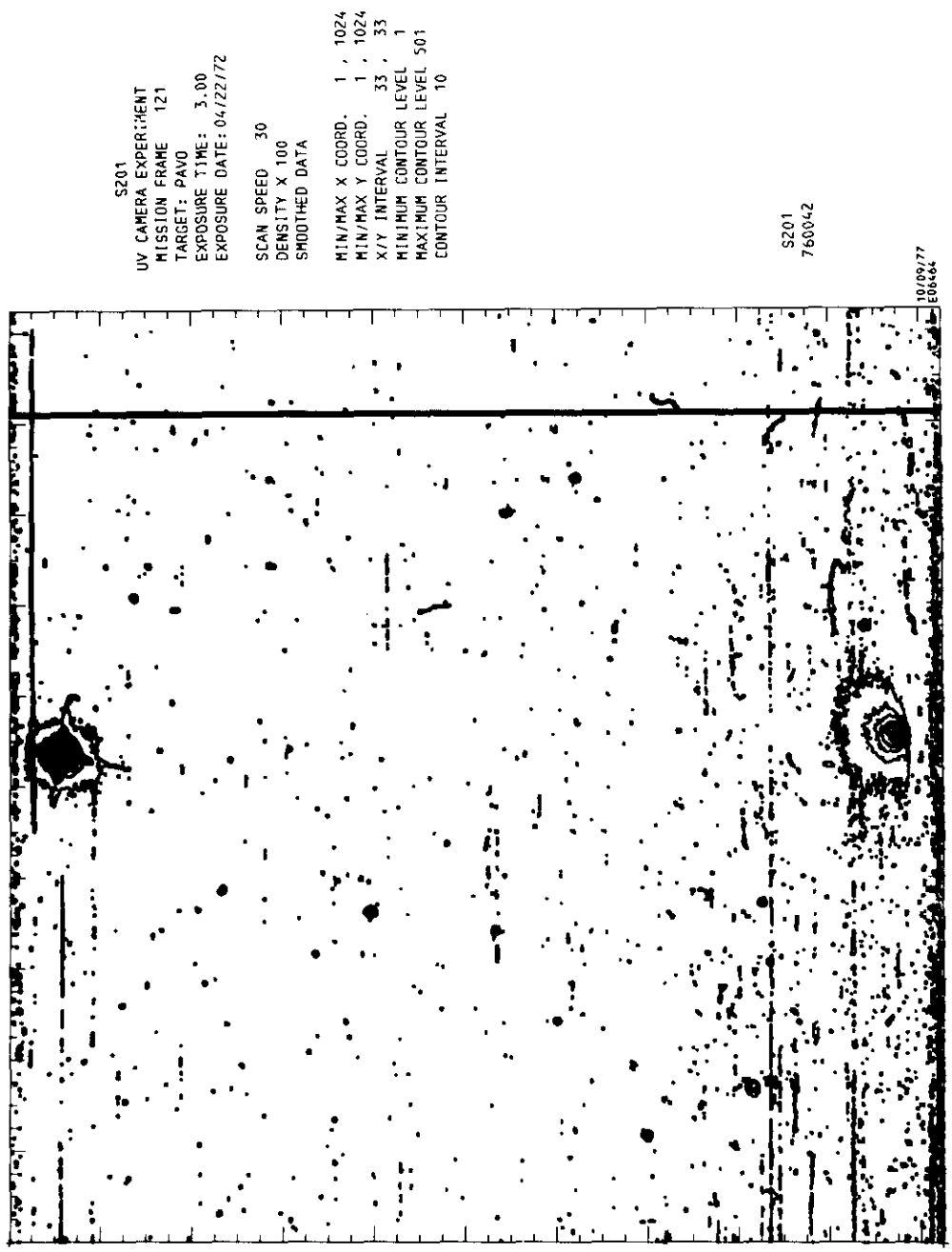


Fig. 8d — Sample isodensity contour plot. Orientation is the same as in Figs. 8b and 8c.

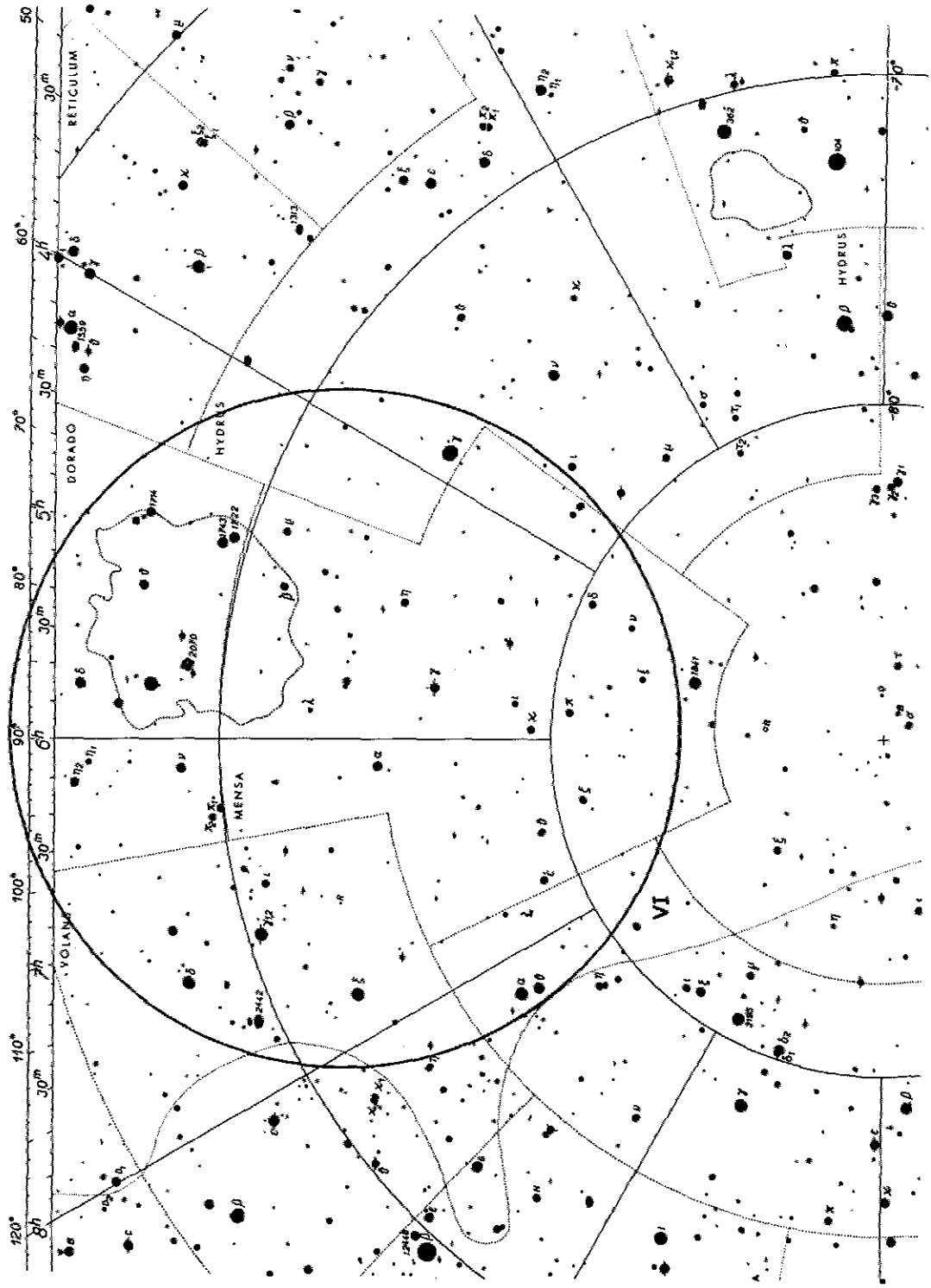


Fig. 9a — Preselected target field (Mensa-LMC). The approximate area covered by the S201 pointing is shown by the circle.

Fig. 9b — S201 starfield photograph (frame A129, ICa, 10-min exposure)

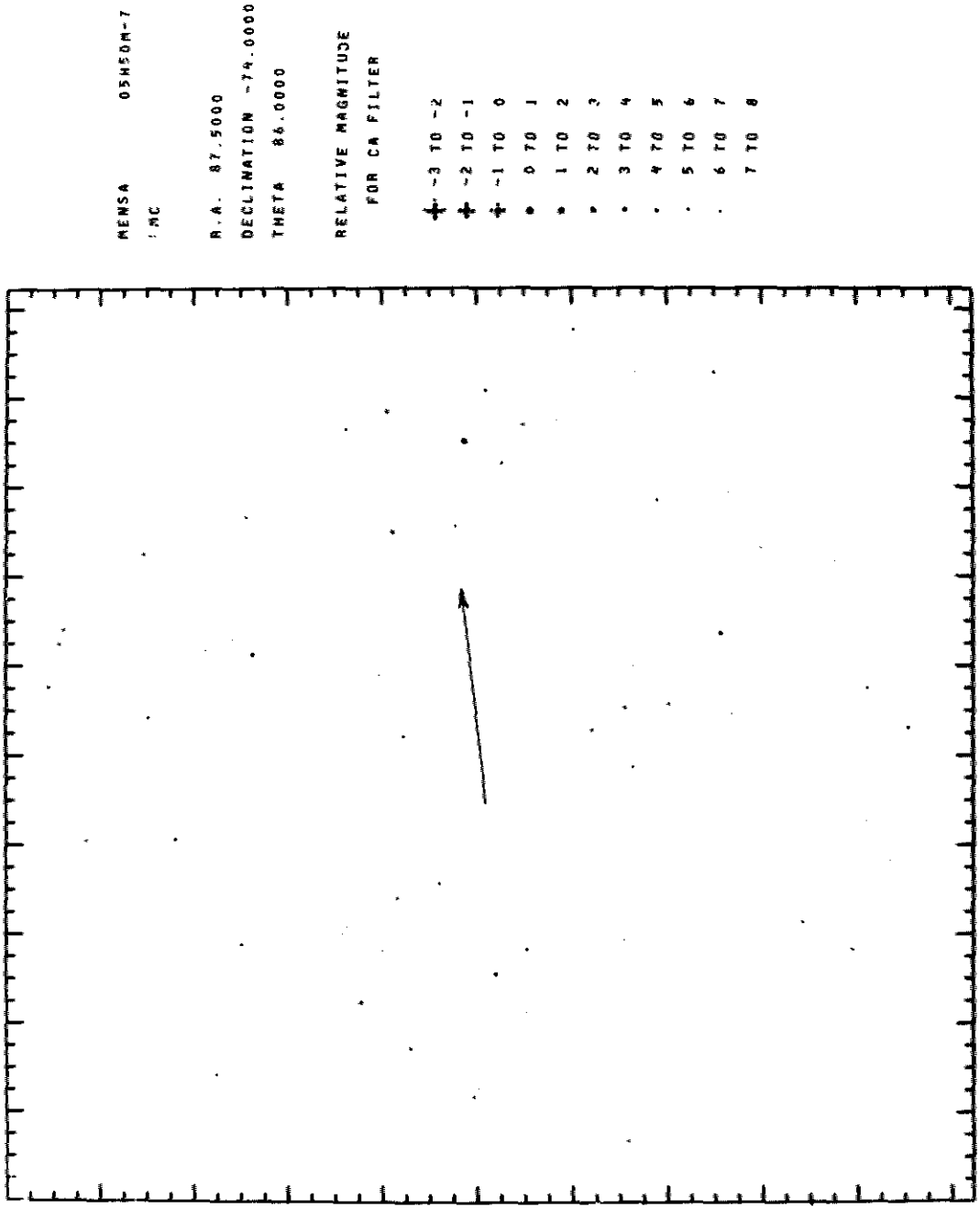


Fig. 9c — Smithsonian Astrophysical Observatory (SAO) star plot of area covered by the S201 image of Fig. 9b

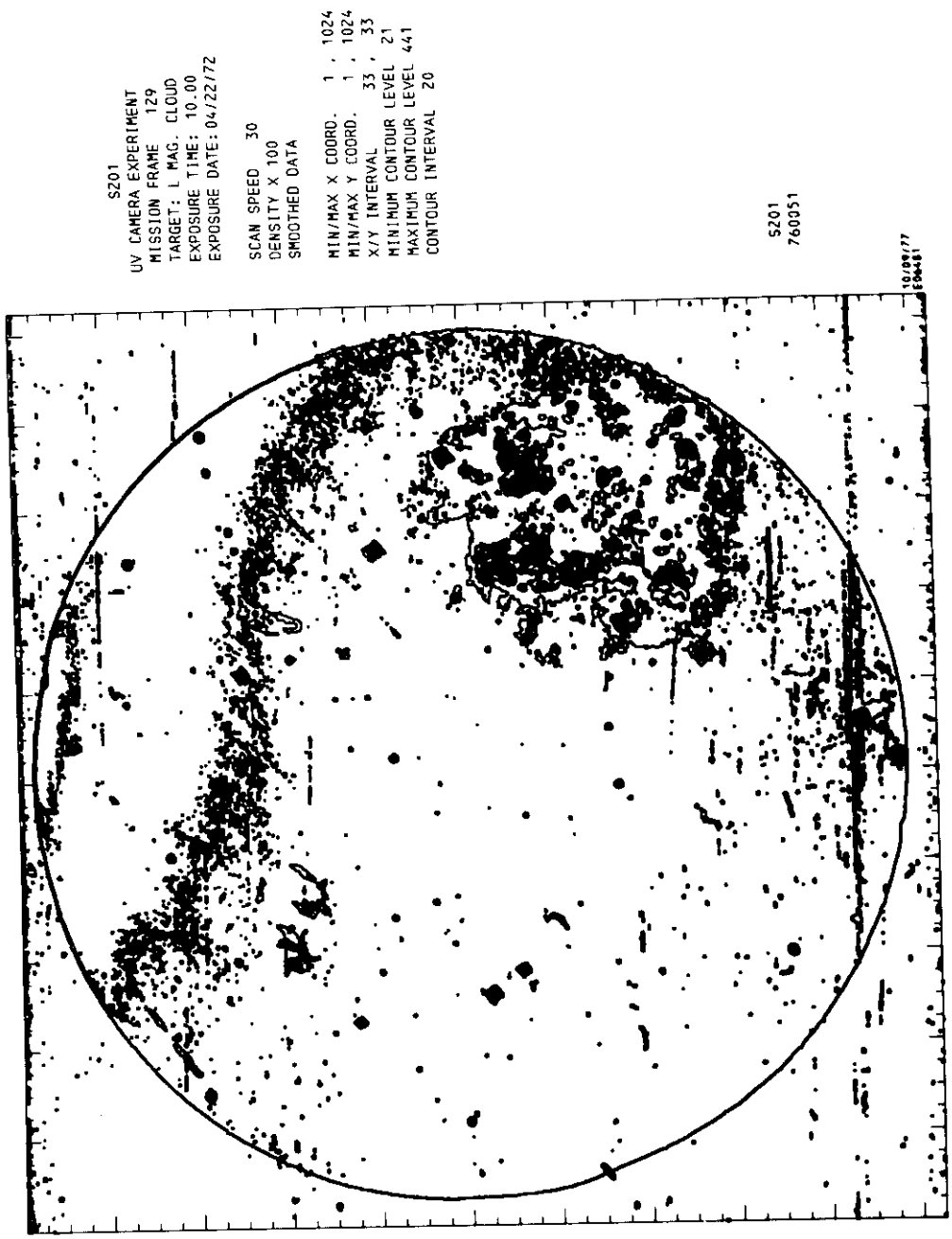


Fig. 9d — Sample isodensity contour plot. Orientation is the same as in Figs. 9b and 9c.

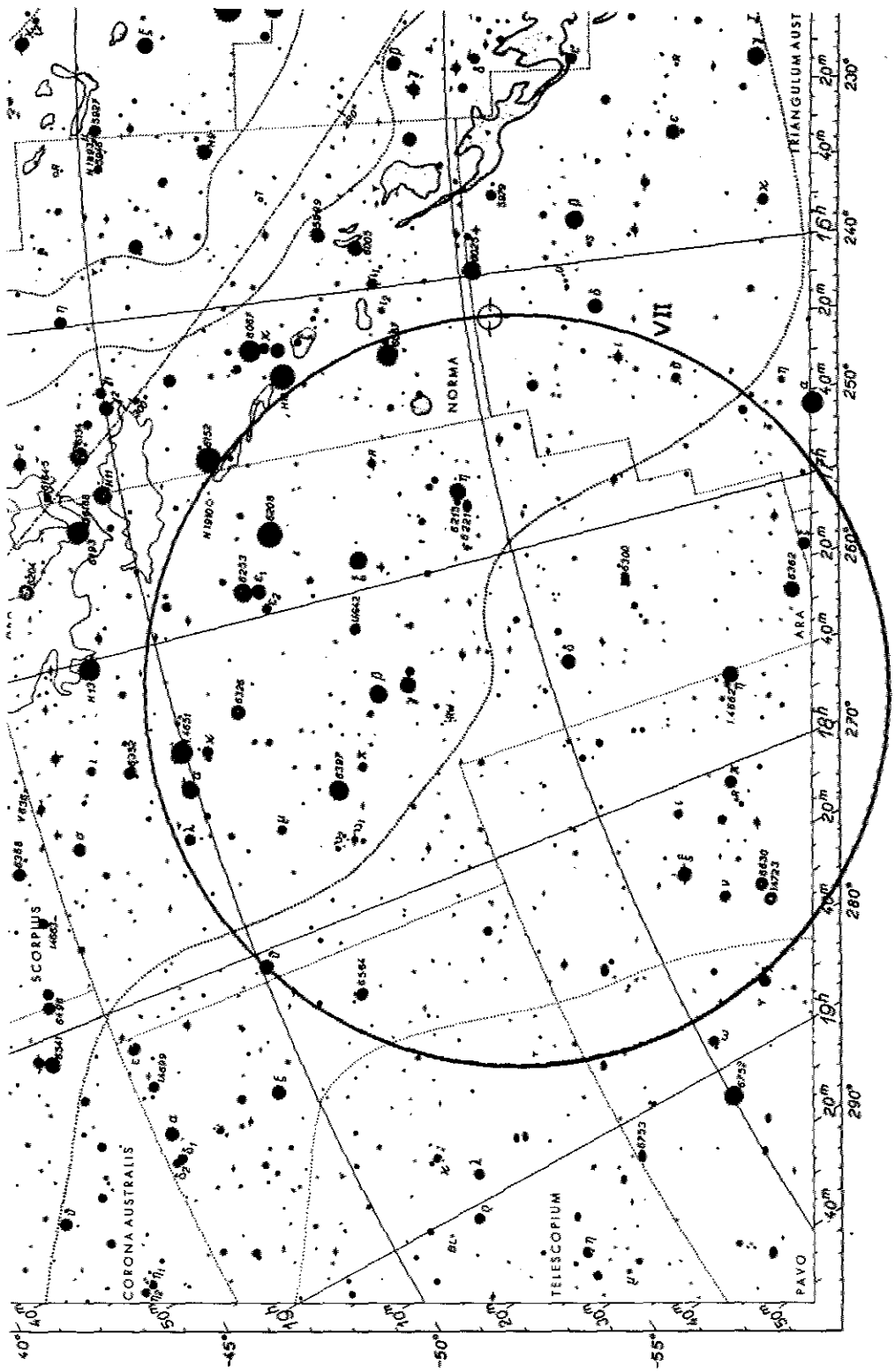


Fig. 10a — Preselected target field (Norma-N6300). The approximate area covered by the S201 pointing is shown by the circle.

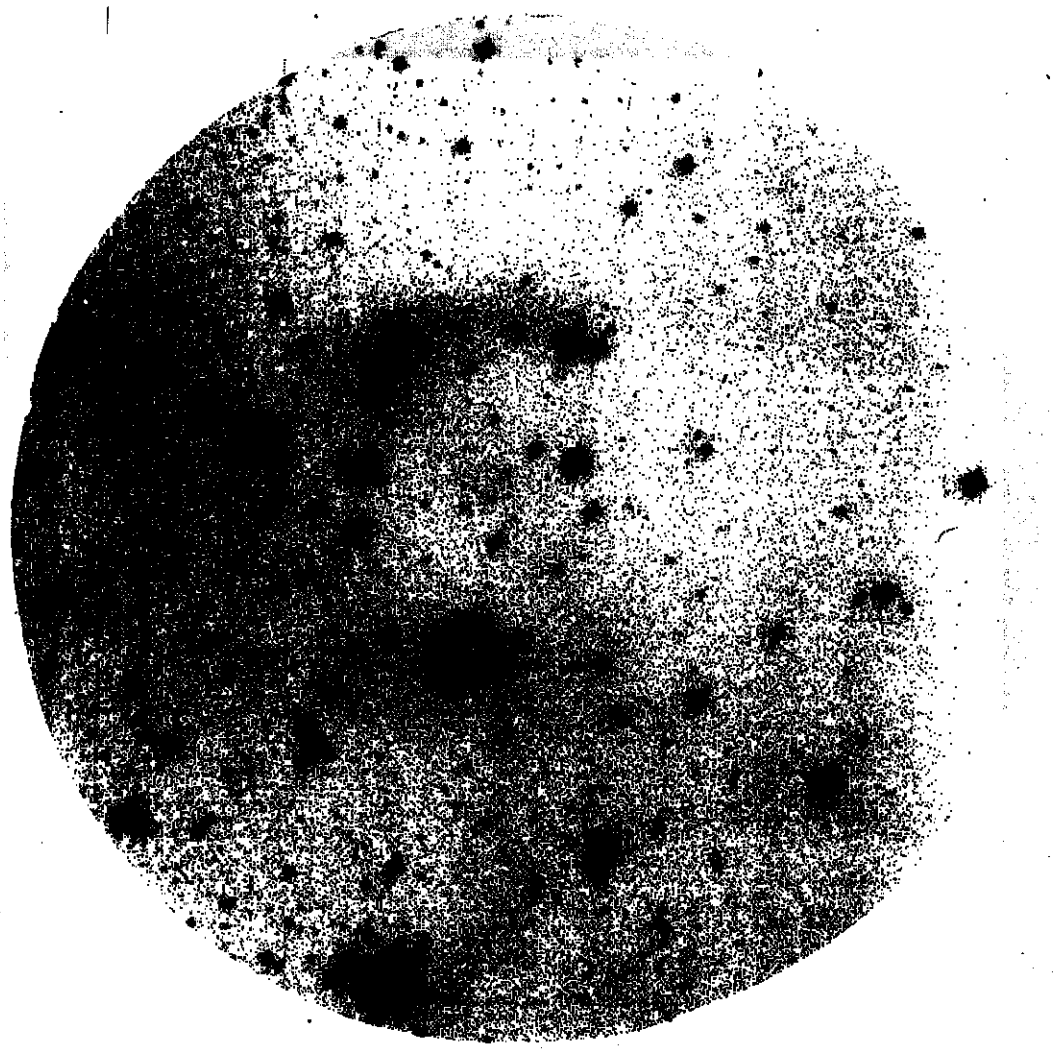


Fig. 10b — S201 starfield photograph (frame A149, 4.1-min exposure)

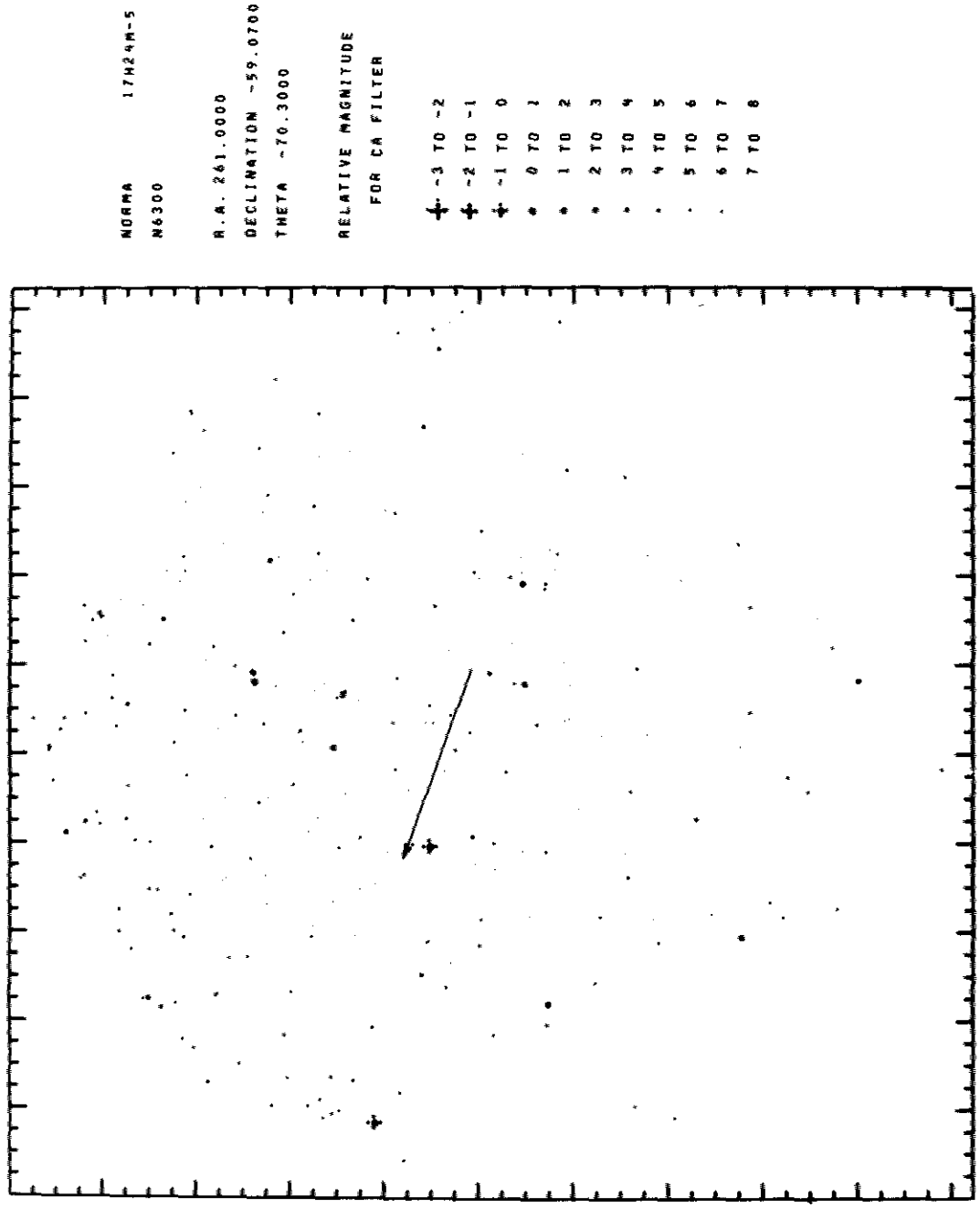


Fig. 10c — Smithsonian Astrophysical Observatory (SAO) star plot of area covered by the S201 image of Fig. 10b

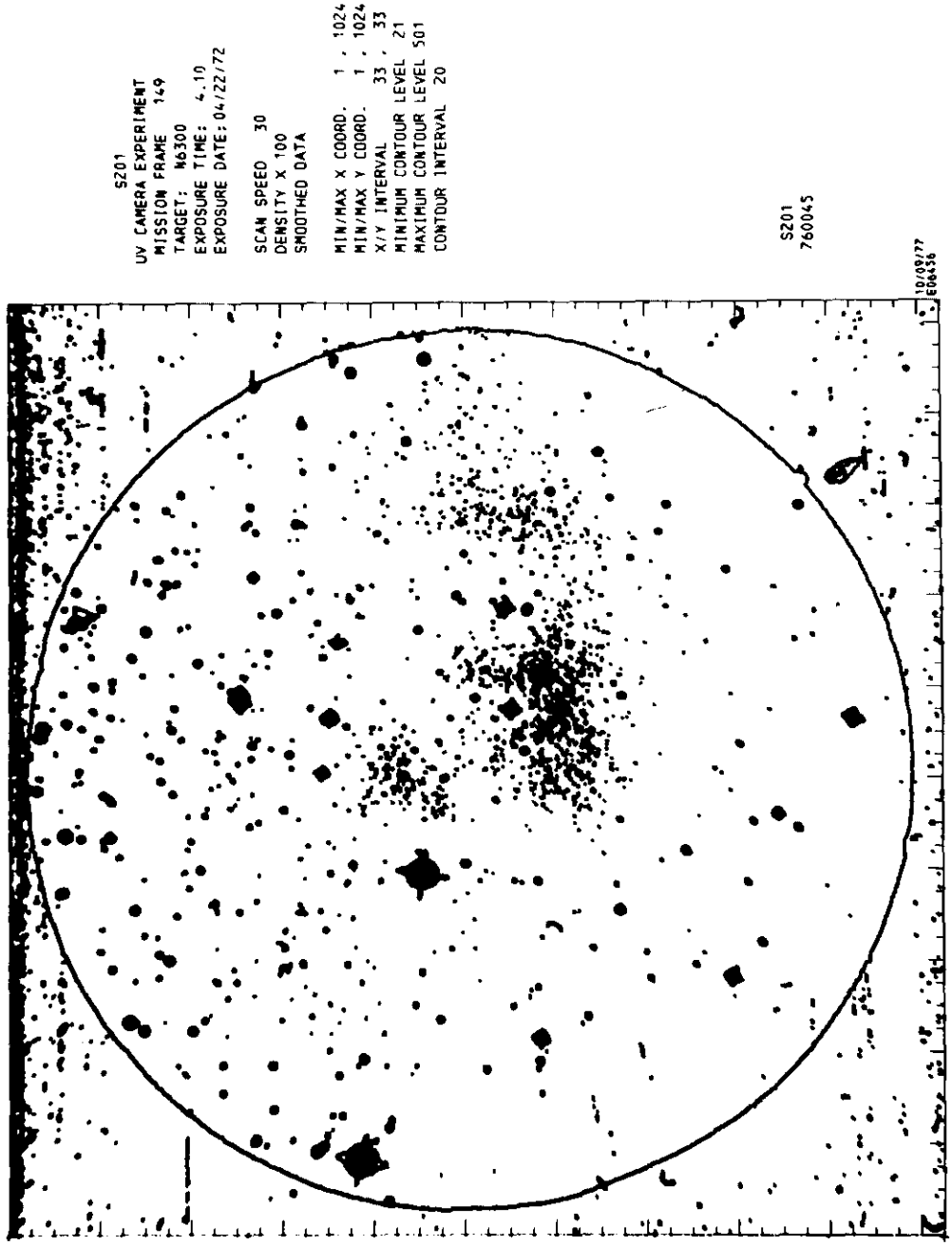


Fig. 10d — Sample isodensity contour plot. Orientation is the same as in Figs. 10b and 10c.

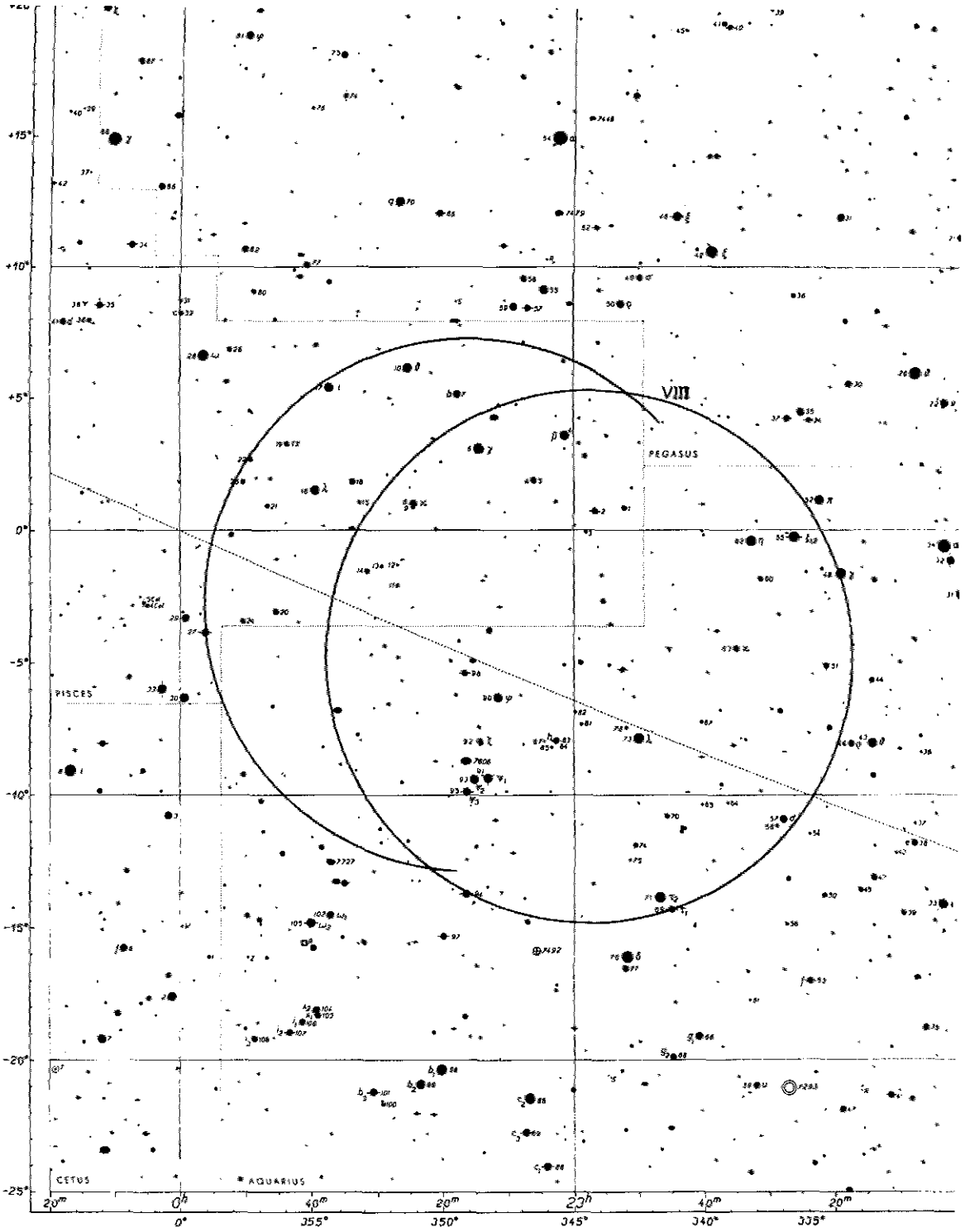


Fig. 11a — Preselected target field (Aquarius-Geocorona). Two overlapping fields are shown. The approximate area covered by the S201 pointing is shown by the two circles (beginning and ending of sequence).

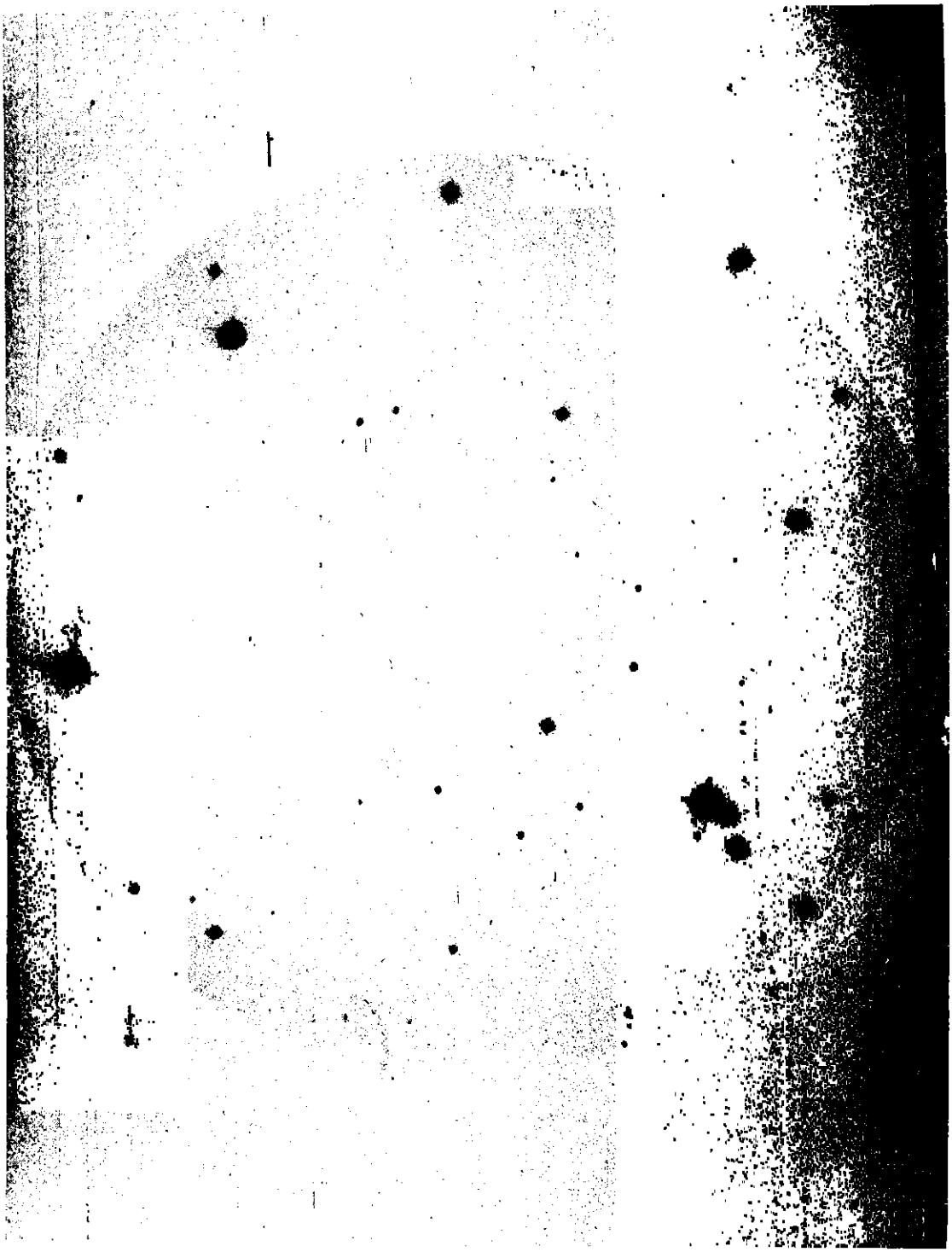


Fig. 11b — S201 starfield photograph (Aquarius 1, frame A156, ICa, 10-min exposure)

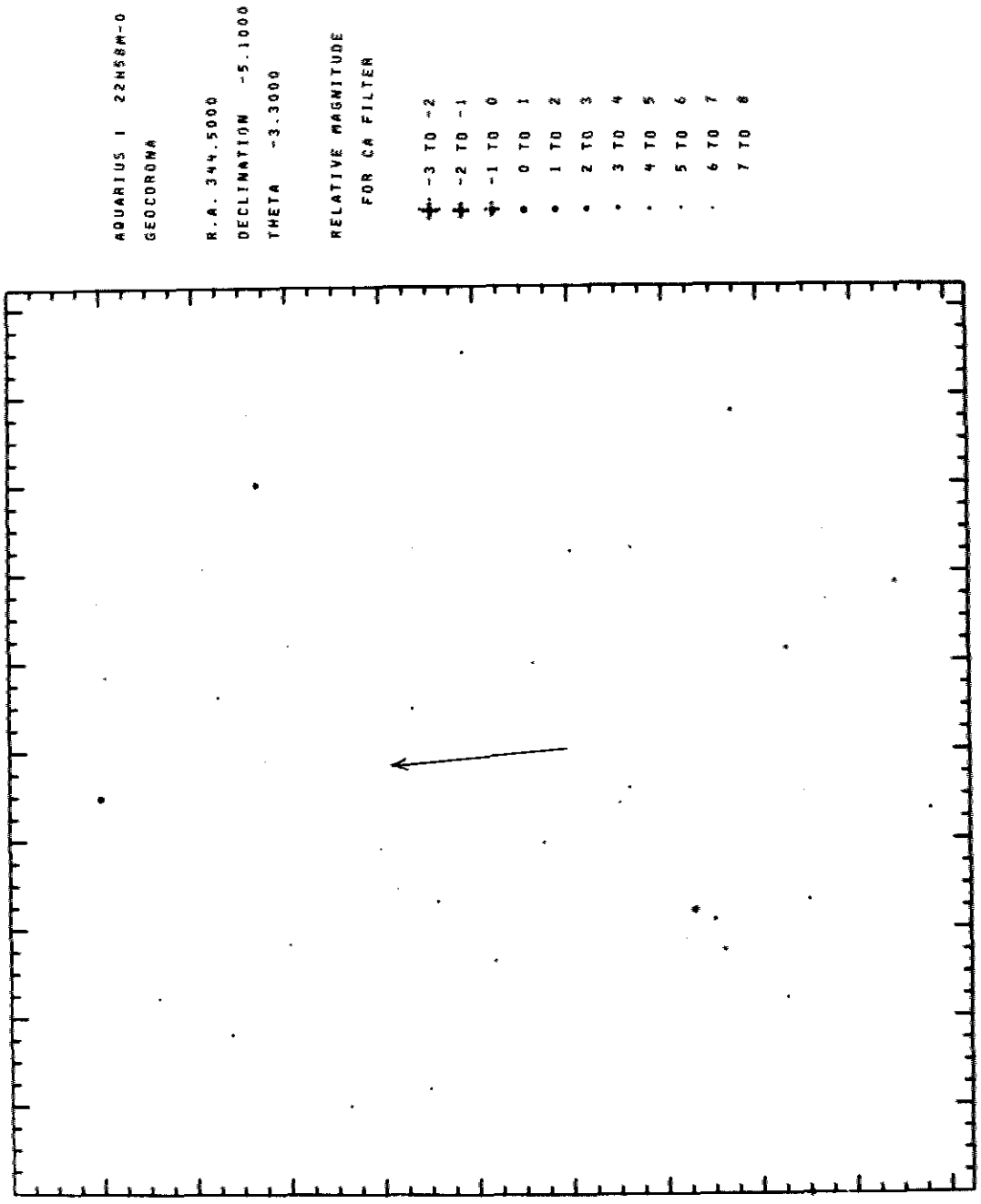


Fig. 11c — Smithsonian Astrophysical Observatory (SAO) star plot of area covered by the S201 image of Fig. 11b, Aquarius 1

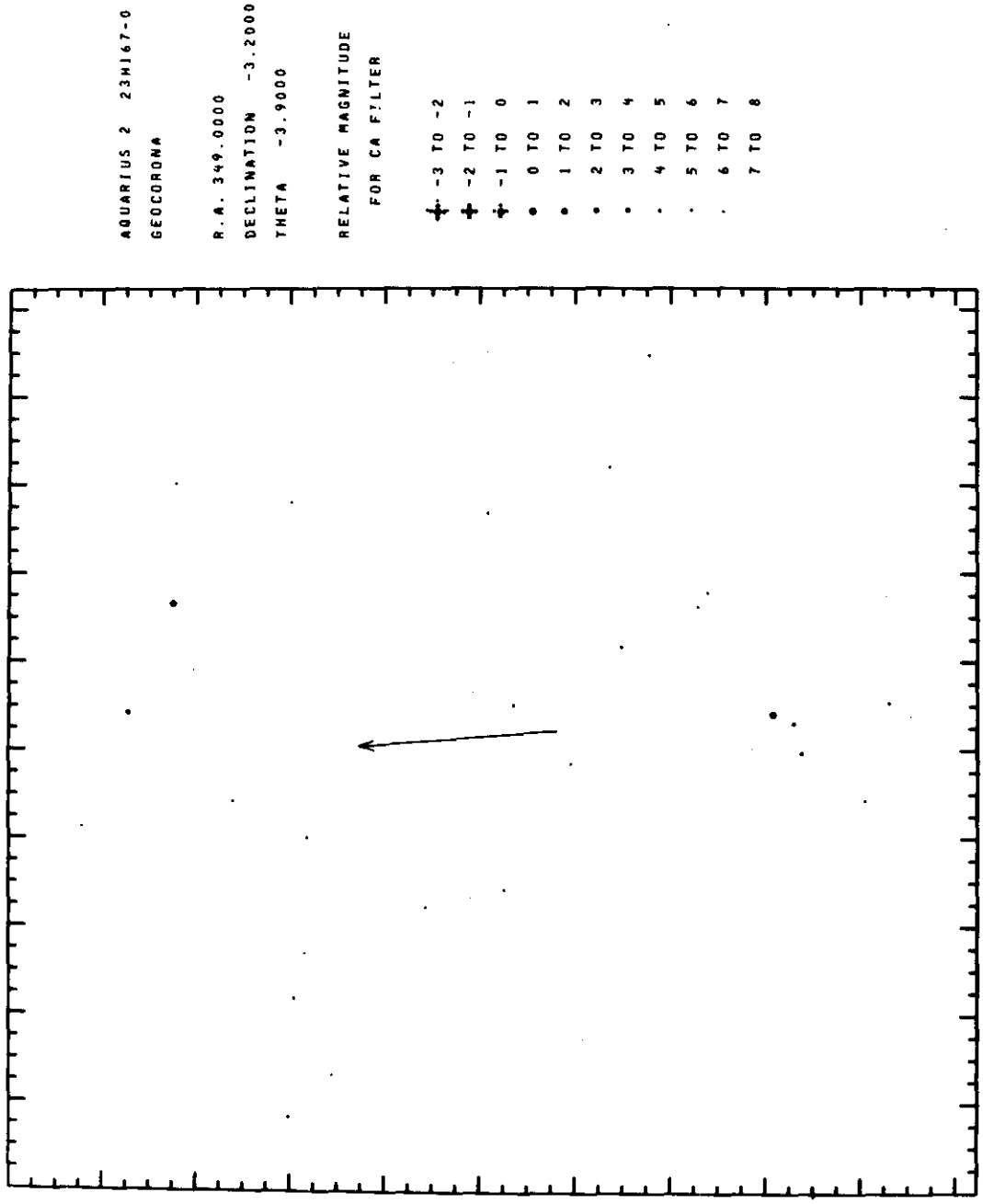


Fig. 11d — Sample isodensity contour plot. Orientation is the same as in Figs. 11b and 11c, frames A171-7, Aquarius 2

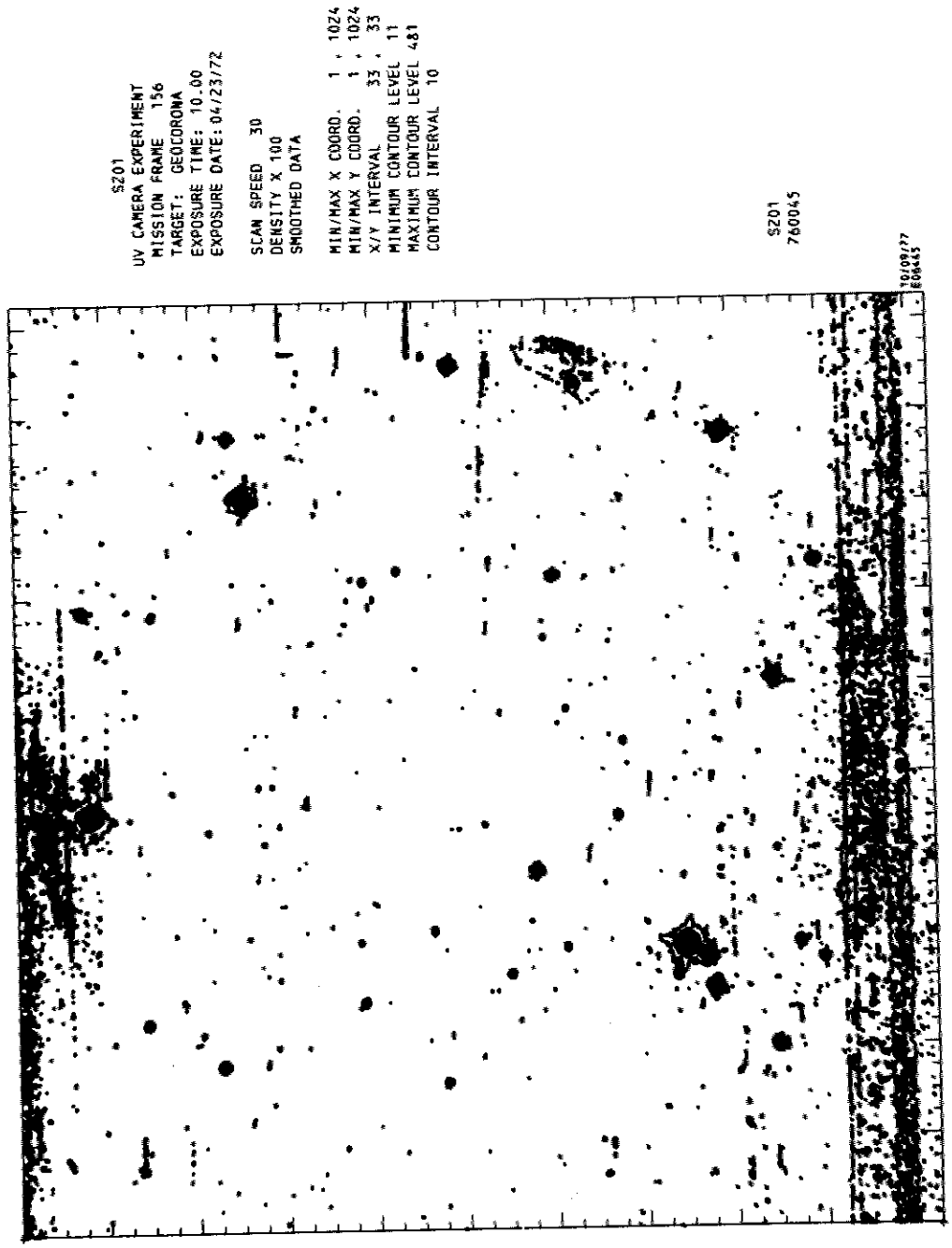


Fig. 11e — Isodensity contour plot of frame A156, ICa, 10 min exposure (Fig. 11b)

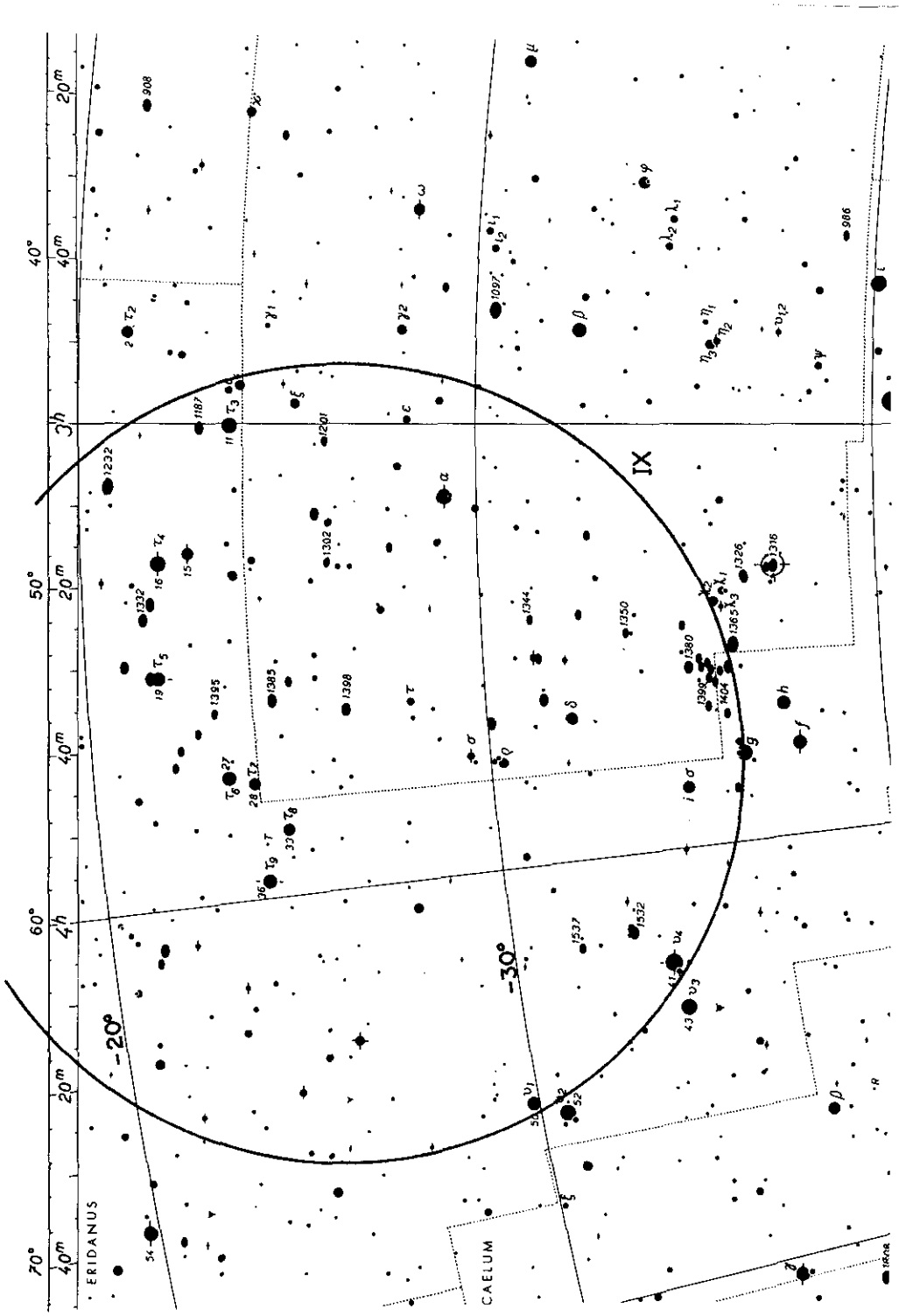


Fig. 12a — Preselected target field (Fornax). The approximate area covered by the S201 pointing is shown by the circle; see also Fig. 6a.

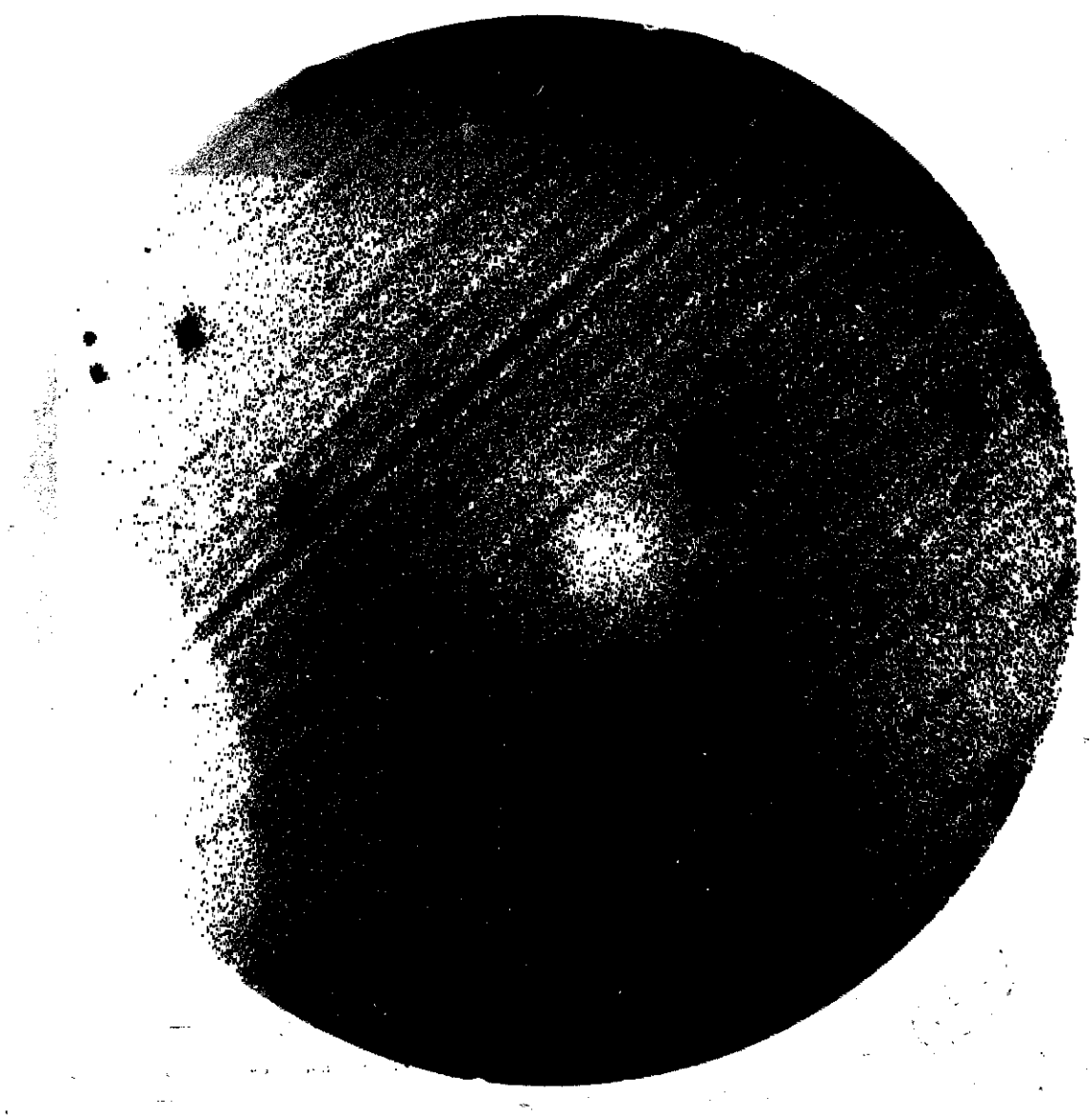


Fig. 12b — S201 starfield photograph (frame A192, ICa, 3-min exposure)

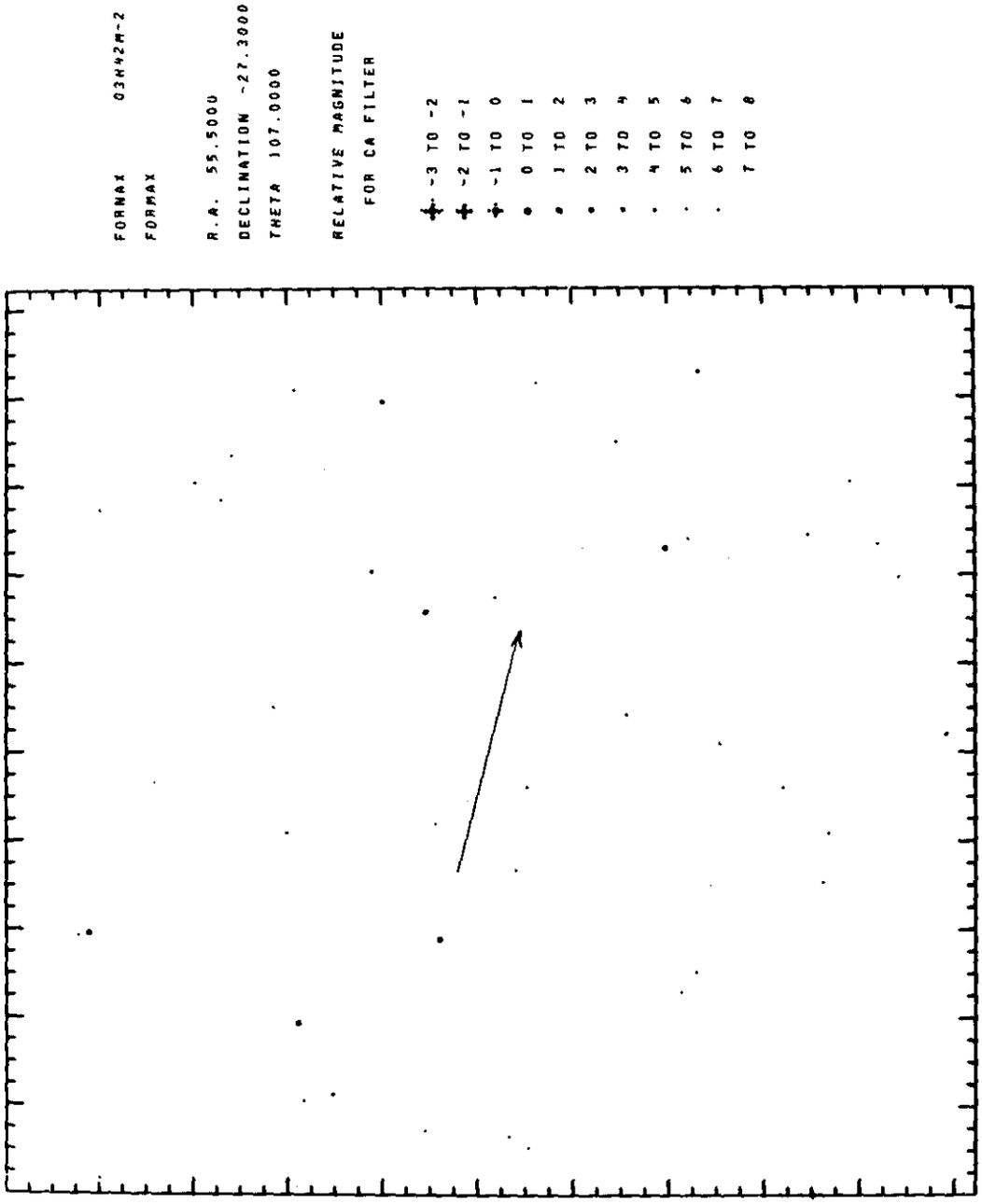


Fig. 12c — Smithsonian Astrophysical Observatory (SAO) star plot of area covered by the S201 image of Fig. 12b

Fig. 12d — Sample isodensity contour plot. Orientation is the same as in Figs. 12b and 12c

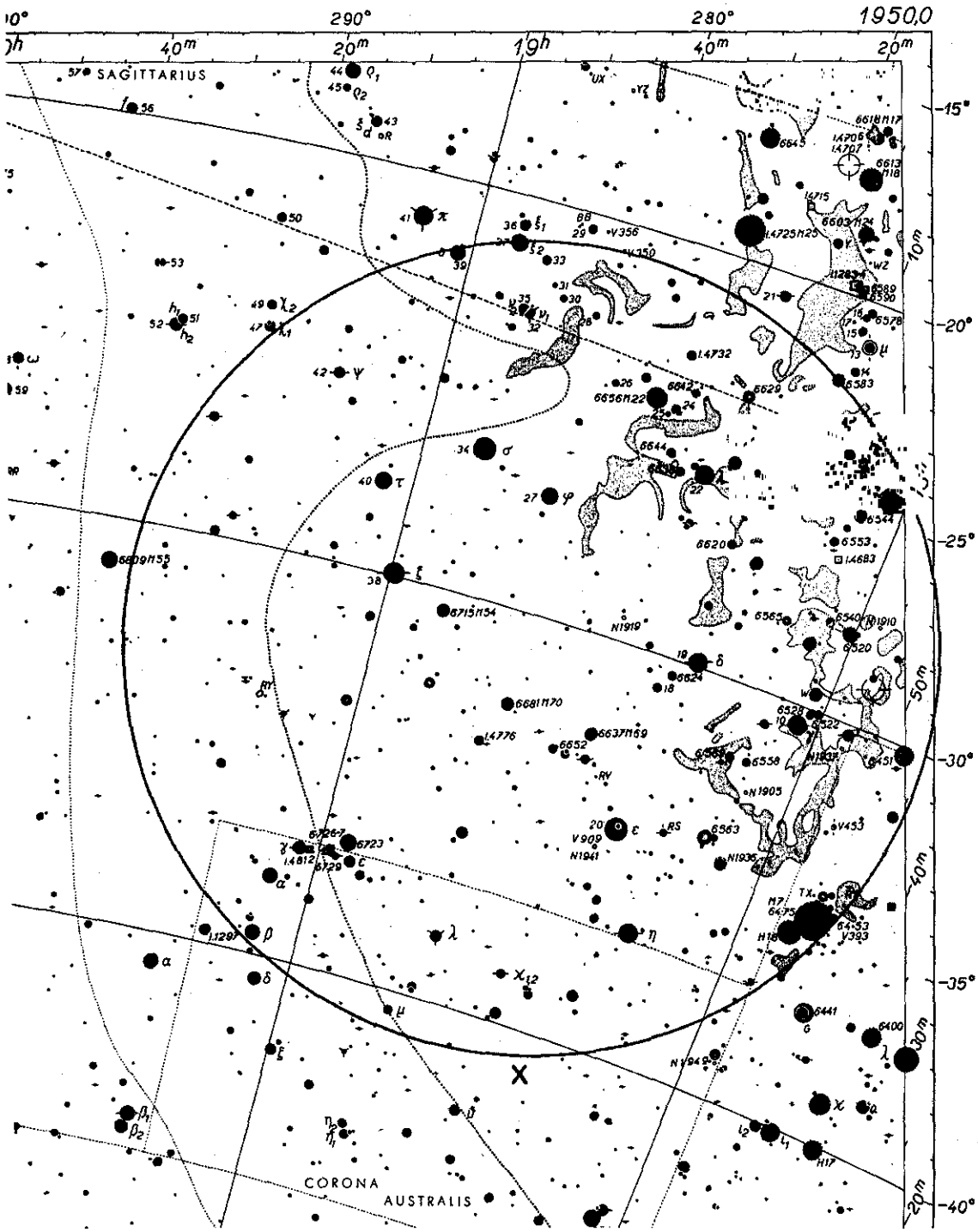


Fig. 13a — Preselected target field (Sagittarius-MW Center). The approximate area covered by the S201 pointing is shown by the circle.

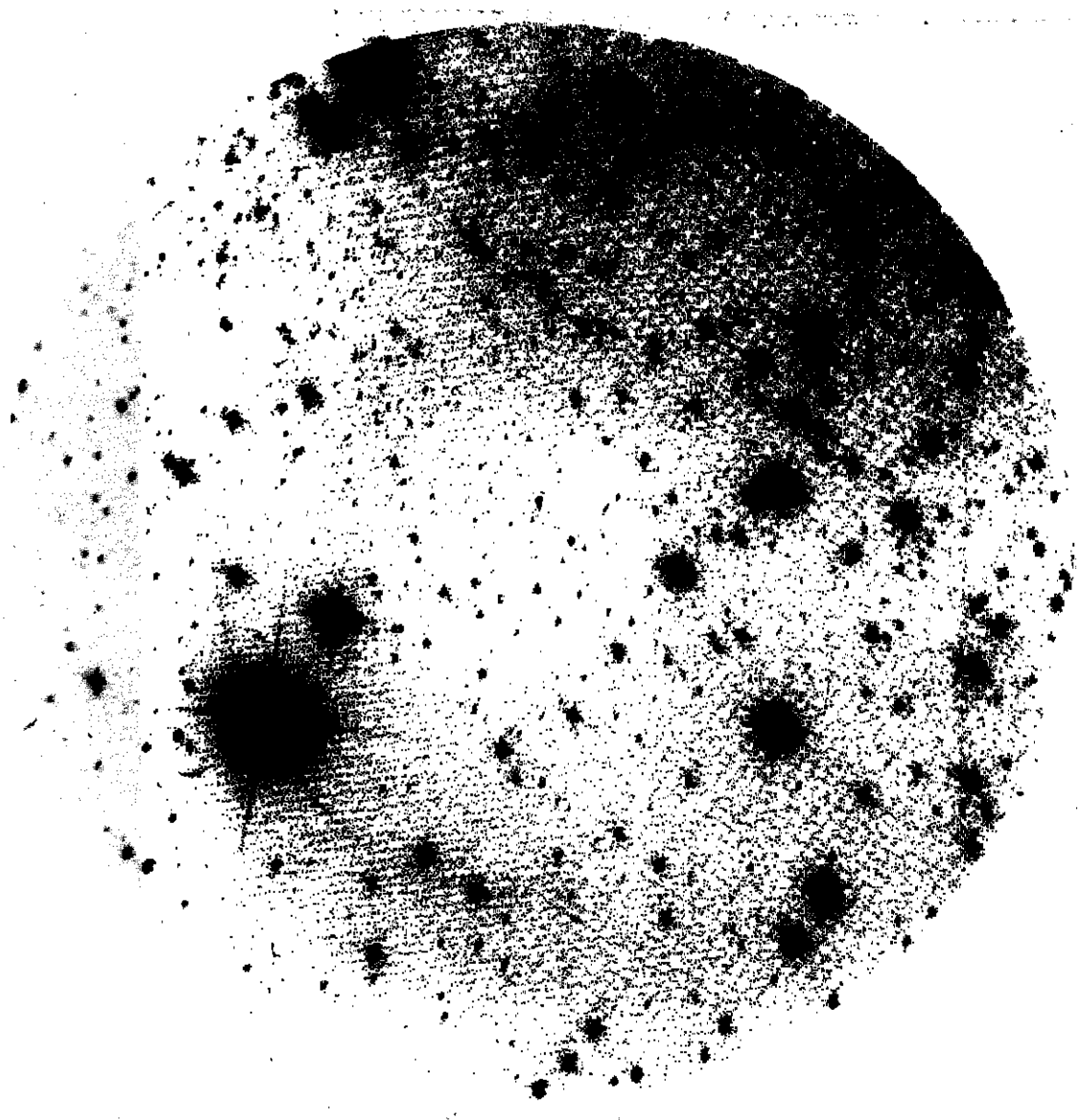


Fig. 13b — S201 starfield photograph (frame A203, ICa, 10-min exposure)

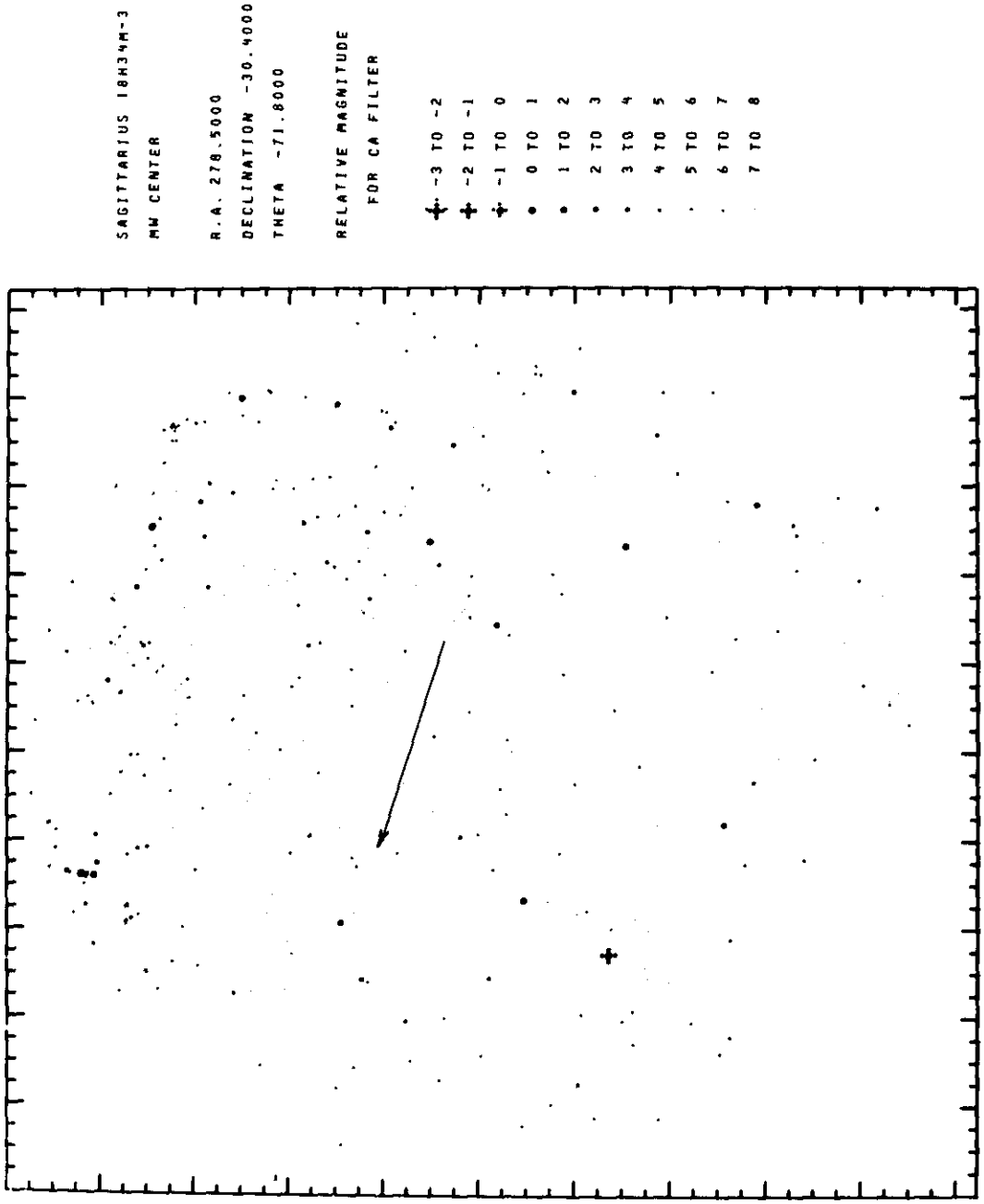


Fig. 13c — Smithsonian Astrophysical Observatory (SAO) star plot of area covered by the S201 image of Fig. 13b

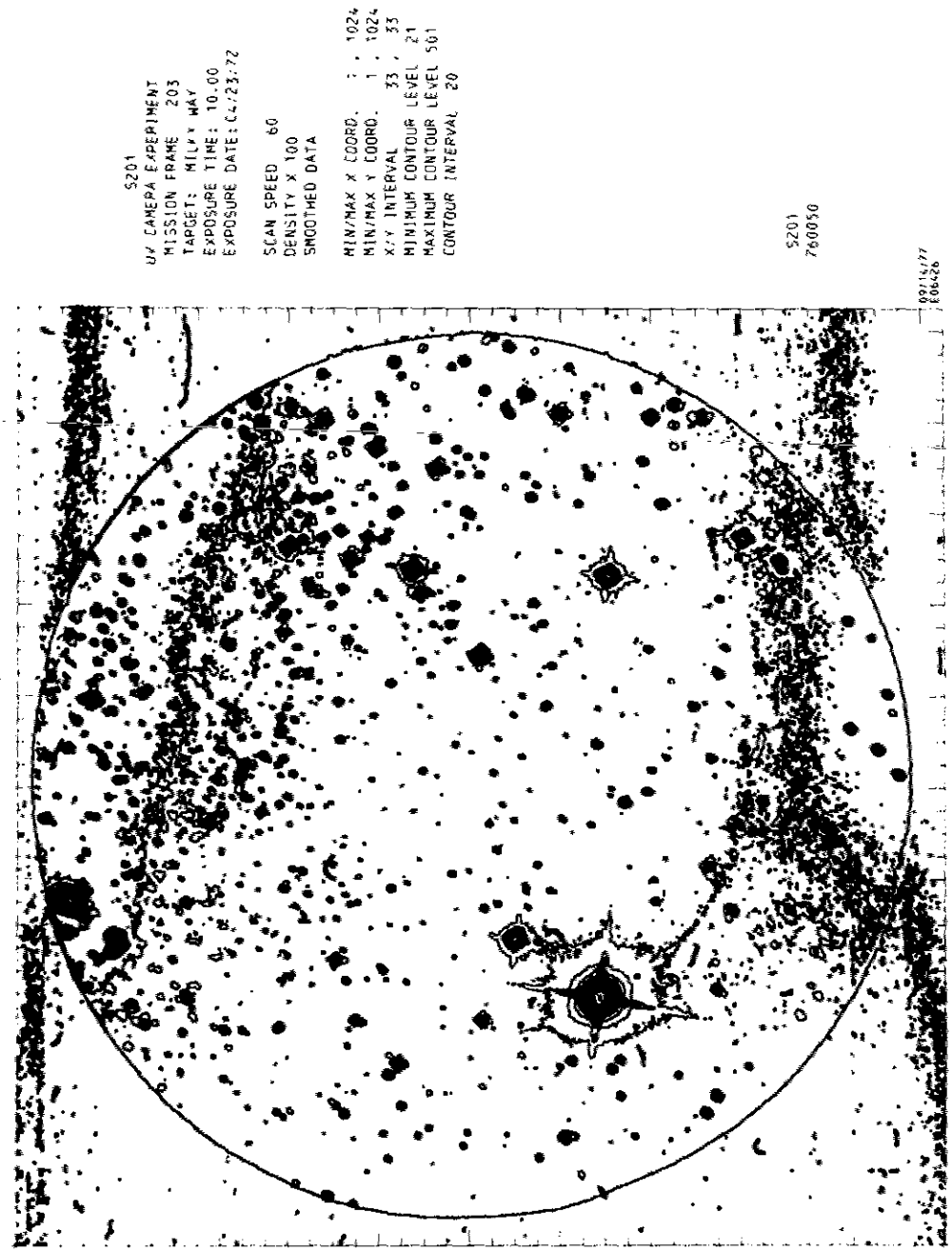


Fig. 13d — Sample isodensity contour plot. Orientation is the same as in Figs. 13b and 13c.

DATA ANALYSIS

All 204 frames, including, for example, calibration on frames A1 to A19, stellar imagery on frames A21 to A28, and spectra on frames A48 to A56, were scanned with a PDS microdensitometer in South Pasadena, Calif., specially tuned by its Boller and Chivens manufacturers to cover the range 0 to 5.2 density. The output (optical density $D = \log (I_0/I)$ was recorded on 27 seven track magnetic tapes at 800 bits/inch and with odd parity. These data, after reformatting on new tapes, were deposited with the National Space Science Data Center, Code 601, NASA Goddard Space Flight Center, Greenbelt, MD 20771, on 16 reels numbered D23995 to D24010 inclusive.

The scan matrix was 1024 by 1024 rasters (1024^2 x, y points, or pixels) on all scans except calibration frames, and one raster was 33 μm, corresponding to 1.19 arc-min in the sky. The densitometer spot was 40 μm square. The x direction was parallel to the film edge toward the tail end of the film, which was loaded emulsion up, and the y direction was across the film at 90° clockwise from x (a left-hand coordinate system). Scan speeds of 17.2, 8.6, and 4.3 mm/s were used, requiring 1/2, 1, or 2 hr per frame. The speed was selected according to eye estimates of the density gradients on each frame (lowest speed for high density gradients). A speed test was undertaken for four star images on frames A191 and A192 and showed that the PDS recording lag [11] reduced the measured peak density in a star image, although the position of the image was unaffected because of the zigzag scan ($+x$, then $-x$).

The center of each scan ($x = 512$, $y = 512$) was placed as nearly as possible at the frame center. The PDS density readings (in units of 0.01D) were checked by scanning standard step wedges at the beginning and end, together with the calibration frames. No zero-point drift of the PDS microdensitometer was detected in the 19 days of scanning (29 July to 16 August 1974). There were one to seven parity errors on 19 of the frame scans, and one bad tape was discovered by playback; the scans were repeated. The PDS recorded densities in units of 0.01D ($100 \log I_0/I$), and these units are used throughout this catalog.

An asset of the electrographic recording technique is that the optical density of the processed emulsion is directly proportional to integrated photon flux up to densities of about 1.5D, and the relationship between density and exposure can be determined to densities over 3.5D. Preflight laboratory calibrations of the S201 instrument's spectral response and absolute sensitivity were used to determine the ultraviolet brightnesses of observed diffuse sources and point sources (star images). Observations of the hydrogen geocoronal and interplanetary Lyman-α emissions [2] are consistent with other measures of these emissions, and hence tend to confirm the preflight calibrations.

Star images were detected, located, and identified by a series of EXEC II programs on the Univac 1108 computer at the NASA Johnson Space Center. Seven major programs were written and can be summarized as follows:

- The REFORMAT program added a header starting with the frame number and added an end-of-file mark to each PDS scan, creating a new tape compatible with the EXEC II system.

• The SMOOTH program was found necessary to reduce grain noise in the PDS output. It created a new data tape by averaging 12 surrounding pixels with each pixel in the scan, using the following weighting factors to give a smoothed density $D(x, y)$ at each point x, y:

		1/36		
	2/36	4/36	2/36	
1/36	4/36	8/36	4/36	1/36
	2/36	4/36	2/36	
		1/36		

• The CONTOUR program plotted isodensity contours at selectable contour intervals over selectable regions of the scan. This was used primarily to give quantitative intensity distributions over extended far-ultraviolet objects such as the geocorona, possible clouds in the solar wind, nebulas, clouds in the Large Magellanic Cloud (LMC), other galaxies, and clusters of galaxies. Sample full-frame plots are shown in Figs. 4d, 5d, ..., 13d. These contour plots also revealed defects in the scan data, such as hairs and scratches, which were later removed from the list of star images. They show streaks (as in Fig. 12d) caused by inhomogenieties in the barrier membrane, a lenticular region of low cathode sensitivity in the low-x, high-y part of each frame, and small variations in the background density (B) due to vignetting. Small-region (enlarged) contour plots were used to check density-volumes derived from the STAR DETECTION program.

• The STAR DETECTION program identified each starlike image by its "edge" 20 units (0.2D) above local background, measured its "area" by the number N of pixels within the edge, added up the total density $\Sigma_N D$, and measured the peak density P, the x, y coordinates of the peak, and the local background B. From these measurements the density volume of the image $V = \Sigma_N(D - B)$ can be derived. This program is described in detail in Appendix A.

• The STAR PLOT program was based on a tape created from the SAO catalog tape provided by the Smithsonian Astrophysical Observatory, Cambridge, MA 02138. That catalog, dated 1966, lists 258,997 stars as faint as 10.5 visual magnitude (complete to approximately 9 magnitude) in all parts of the sky, together with spectral type, visual magnitude m_v, photographic magnitude m_p, right ascension α, declination δ, (the latter two being 1950 coordinates), proper motions, and references. A new tape "SAO CATALOG APOLLO" was created, listing all SAO stars of O, B, and A types, F stars brighter than 4.5 visual magnitude and other types brighter than 3.5 visual magnitude in regions covering the ten S201 target fields listed in Table 1. From this tape the STAR PLOT program created plots and list lists of the SAO stars in fields accurately matching the S201 fields and using symbols that roughly represent far-ultraviolet magnitudes, as shown in Figs. 4c, 5c, ..., 13c. These rough far-ultraviolet magnitudes were computed using blackbody curves for the effective temperatures appropriate to the spectral classes and integrating the fluxes over the range 1050-1600 Å for the ILi frames and over the range 1250-1600 Å for the ICa frames. These plots were used to identify three to 23 star images on each frame with the brighter SAO stars. (A previous step had been the identification of three to five bright O-B stars by visual inspection and comparison with the Skalnate-Pleso charts (Figs. 4a, 5a, ..., 13a).) It was later found necessary to introduce a "distortion correction" (Δx and Δy as a function of x, y) to eliminate an S-shaped distortion produced by a nonuniform magnetic field in the S201 camera. This involved plots of detected images and plotted positions of over 150 SAO stars in two fields (Cygnus and Sagittarius), plots of resulting Δx and Δy, and smoothing the Δx, Δy matrix.

• The COORDINATE TRANSFORMATION program used the input of three or more identified star positions (x, y and α, δ) and the distortion matrix to convert all detected star positions on one frame from scan coordinates to celestial (1950) coordinates right ascension (α) and declination (δ). The program derives the center-of-frame coordinates α_0, δ_0 and the angle θ_0 between the $-y$ axis and the $+\delta$ axis (direction north) from the input positions by the method of least squares. The residuals for each input star were printed out and used to spot an occasional misidentified input star. The root-mean-square residuals in x and y were used to estimate position errors, typically within 3 arc-min. In Table 1, σ is the larger of the rms residuals in rasters.

• The STAR IDENTIFICATION program was used to compare the coordinates of detected starlike images on each frame with SAO star coordinates on the SAO CATALOG APOLLO tape and print out a separate line for each star image and the SAO stars within 10 arc-min of that image position. These printouts, in the format of the final S201 catalog, were then edited, eliminating scan defects and correcting background (B) values inconsistent with the contour plots. The editing was done with the EXEC VIII Univac 1110 computer; a query (?) was added to doubtful SAO numbers, background values, and density-volume values, and H or L was added to density-volume values considered too high or too low (i.e. a factor of 2 above or below the mean) for the SAO spectral type and visual magnitude. The symbol *NO* (for non-SAO object) was inserted in the SAO-number column when two or more S201 frames recorded an image with no SAO star within 10 arc-min. They are listed in Table 2.

The measured density volumes (V) require three corrections: at low V a quantity T must be added to correct for truncation of the images at 20 units (0.2D) above background B, a correction $\Delta\Delta$ must be added for the PDS lag during the rise from B to the peak density P, and for $V > 500$ a quantity ΔD must be added to correct for the nonlinear response of the S201-camera-and-NTB-3-emulsion combination.

Figure 14 illustrates schematically the truncation correction T for images of different sizes. Many cross sections were drawn from mosaics of the smoothed scan data. The images were found to be nearly circular, roughly approximated by a right circular cone of volume $(N/3)(P - B)$. At $V \leqslant 400$ the full image radius was 3.5 rasters, and the measured V was $20N$ plus a rounded cap somewhat larger than a cone of volume $(N/3)(P - B - 20)$, as shown in Fig. 14a. This excess of cap over a cone is called $\Delta V = V - 20N - (N/3)(P - B - 20)$, and it was found that, on the average, $\Delta V = 0.13N(P - B - 20)$ for $80 \leqslant V \leqslant 800$, and $\Delta V = 100$ for $800 < V < 3000$. Then for the faint images the truncation correction is

$$T = \frac{\pi}{3}\,(3.5)^2(P - B) - (N/3)(P - B - 20) - 20N, \qquad \text{for } V \leqslant 400,$$

and is relatively large (up to a factor of 3.6 at $V = 80$). (Images with $N < 4$, or $V < 80$, are not listed in the catalog, because most of them are noise.)

Measured values of V, N, and $P - B$ for 138 images on frames A26, A27, and A28 (ICa, low background) also show how images "grow" from $V = 80$ to V over 100,000 (in units of [illegible] 1 raster = 33 μm). There is some scatter, but most of the [illegible] V values from these

Table 1 — Apollo Frames Scanned and Measured

In this table, α_0 and δ_0 are coordinates of the scan center, at $x = 512$, $y = 512$ rasters; θ_0 is the position angle of the $-y$ scan axis projected on the sky; "Stand. Stars" is the number of α, δ and x, y inputs to the COORDINATE TRANSFORMATION program; σ is the larger of the rms x residuals or y residuals, given in rasters, "No. of Images" is the number of starlike images of four or more pixels located by the STAR DETECTION program; "BG Range" is the range of the background density (B) in units of 0.01D; "SAO Stars" is the number of star images within 5 arc-min of stars listed in the Smithsonian Astrophysical Observatory catalog (1966); and "Non-SAO Objects" (NOs) is the number of starlike images detected on two or more frames which are more than 10 arc-min from any star in the SAO catalog). Except for the three entries footnoted, the local background B was the average of five surrounding pixels (as explained in Appendix A).

Frame	Exp	Filter	α_0 (deg)	δ_0 (deg)	θ_0 (deg)	Stand. Stars	σ	No. of Images	BG Range	SAO Stars	Non-SAO Objects
Cygnus (loop nebula)											
A21	1/4	Li	320.97	+37.57	+05.97	19	1.7	51	22- 30	32	0
22	1	Li	321.15	+37.47	+06.09	23	1.9	124	60- 70	103	1
23	3	Li	321.03	+37.51	+06.22	22	1.9	257	104-143	182	7
26	3	Ca	319.66	+37.58	+04.94	23	2.4	216	14- 20	166	3
27	10	Ca	321.12	+37.42	+05.68	23	2.0	456	18- 30	336	8
28	3.7	Ca	321.20	+37.55	+05.86	23	2.0	284	15- 28	212	7
Capricorn (earth centered)											
A40	1	Li	318.73	-14.43	-31.33	6	1.9	27	75-292	17	0
41	3	Li	318.71	-14.36	-31.40	8	1.9	30	158-348	19	0
44	3	Ca	318.49	-14.47	-31.46	12	1.8	36	17- 25	29	1
45	10	Ca	318.34	-14.70	-31.69	12	2.2	40	17- 28	31	4
46	30	Ca	318.59	-14.63	-31.80	12	2.1	43	12- 30	32	3
Cetus (for NGC1068)											
A58	1	Li	41.76	-15.26	+85.41	3	0.4	6	33- 40	3	1
59	3	Li	41.79	-15.24	+85.10	5	3.2	15	68- 83	9	2
62	3	Ca	40.57	-14.09	+85.19	5	2.3	17	12- 17	7	1
63	10	Ca	40.54	-14.09	+85.21	6	2.5	24	15- 20	11	3
64	8.4	Ca	41.69	-14.03	+85.47	5	1.9	21	17- 24	13	3
Grus (for NGC55)											
A68	1	Li	353.12	-42.61	+153.87	6	2.7	10	48- 63	7	0
69	3	Li	353.20	-42.64	+153.97	8	1.4	15	102-128	9	1
72	3	Ca	354.53	-42.09	+152.71	8	1.8	18	13- 19	9	1
73	10	Ca	353.81	-42.43	+153.38	8	1.5	20	15- 23	11	1
88	1	Li	358.11	-40.73	+153.59	3	3.3	8	43- 59	3	1
92	3	Ca	358.40	-40.58	+153.47	6	2.4	22	10- 22	9	1
93	10	Ca	358.70	-40.38	+153.36	6	2.3	20	16- 26	10	2
94	30	Ca	358.48	-40.50	+153.91	6	2.0	29	17- 27	[illegible]	

Table 1 — Apollo Frames Scanned and Measured (Concluded)

Frame	Exp	Filter	α_0 (deg)	δ_0 (deg)	θ_0 (deg)	Stand. Stars	σ	No. of Images	BG Range	SAO Stars	Non-SAO Objects
Pavo											
A117	1	Li	318.55	-52.23	+234.76	9	2.7	22	47- 62	9	0
118	3	Li	318.51	-52.16	+235.02	10	3.0	27	106-136	11	1
121	3	Ca	318.86	-52.27	+234.79	10	1.8	32	14- 28	12	1
Mensa (LMC included)											
A124	1	Li	87.44	-74.00	+85.86	10	1.4	67	57- 90	16	13
125	3	Li	87.54	-74.03	+85.80	11	1.8	142	150-170	25	23
129	10	Ca	87.43	-74.03	+86.10	11	1.7	235	30- 70	37	51
130	30	Ca	87.25	-74.04	+86.31	7	1.4	499	70-120	43	54
Norma (for NGC6300)											
A144	1	Li	260.80	-59.06	-70.30	15	1.5	127	70-100	88	7
145	3	Li	260.85	-59.09	-70.26	15	1.6	230	160-300	165	21
148	3	Ca	261.13	-59.06	-70.42	15	1.5	220	20- 28	159	24
149	4	Ca	260.96	-59.08	-70.16	15	1.7	278	25- 35	197	25
Aquarius (geocorona)											
A150	1/2	Li	344.26	-05.16	-03.40	5	1.5	8	30- 49	7	0
151	1	Li	344.27	-05.06	-03.29	10	1.4	15	47- 77	13	1
152	3	Li	344.30	-05.05	-03.40	11	1.4	27	130-380	22	3
155	3	Ca	344.29	-05.13	-03.21	11	2.0	23	13- 22	21	2
156	10	Ca	344.46	-05.09	-03.11	11	1.8	32	16- 24	26	4
157	30	Ca	344.66	-05.02	-03.23	11	1.7	40	15- 35	27	4
171	1	Li	348.96	-03.31	-03.78	10	2.9	13	50- 75	11	2
172	3	Li	348.99	-03.23	-03.77	9	1.7	20	105-360	17	2
175	3	Ca	352.26	-02.89	-04.39	9	2.3	16	13- 29	14	1
176	10	Ca	349.04	-03.25	-03.84	10	2.9	26	14- 25	23	3
177	30	Ca	349.21	-03.20	-03.87	10	2.9	31	13- 39	25	4
Fornax											
A191	1	Li	55.38	-27.20	+107.07	6	1.0	14	30- 53	13	1
192	3	Li	55.38	-27.19	+107.10	6	1.1	29	67- 88†	20	2
195	3	Ca	55.75	-27.47	+106.93	6	1.6	26	14- 20	16	2
196	0.3	Ca	55.75	-27.45	+106.92	6	1.1	10	14- 20	9	0
Sagittarius (Milky Way) (normal)											
A198	1	Li	278.36	-30.40	-71.72	14	1.6	150	60-144	107	3
202	3	Ca	278.46	-30.55	-71.78	14	1.4	265	15- 30	206	8
203	10	Ca	278.58	-30.42	-71.93	15	1.9	529	30- 70	375	44
Sagittarius (overexposed)											
A199	3	Li	278.33	-30.41	-71.75	14	2.0	851	210-300‡	596	36
204	30	Ca	278.77	-30.37	-72.00	12	1.8	617	50-120†	383	41

†Average of ten pixels.
‡Average of 20 pixels.

Table 2 — Positions of Non-SAO Objects (NOs) and Possible Identifications

R.A.(1975)	Dec.	Image on Frames	D-Vol/Exp	RNGC*	R.A.(1975)	Dec.	Mag.	Type
			Cygnus					
h m	° ′							
20:48	+36:00	A23,28	421Li, 338Ca					
					h m	° ′		
20:58	+32:04	A23,26,27,28	70Li, 55Ca	6992?	20:55.2	+31:36	Faint	Nebula
21:02	+41:14	A26,27,28	40-62Ca	7024?	21:05.1	+41:24		Cluster?
21:08	+40:10	A23,27,28	47Li, 55Ca					
21:09	+33:15	A23	38Li	7037?	21:09.7	+33:37		Cluster?
21:16	+34:08	A23,27,28	84Li, 57Ca					
21.18	+38:09	A26,27,28	134-167Ca	7054?	21:19.7	+39:04		(no?)
21:23	+36:22	A23,27	31Li, 118Ca	7063	21:23.4	+36:23	9^m	Cluster
21:24	+34:44	A23,27,28	144Li, 130Ca					
21:29	+37:12	A22	146Li					
21:32	+35:58	A27	59Ca					
			Capricorn (Earth centered)					
20:56	-14:36	A45,46	11-23Ca					
21:02	-11:31	A45,46	65-70Ca	7009	21:02.9	-11:28	m 8.5	Plan. neb.
21:29	-19:35	A45,46	11-23Ca					
21:35	-19:29	A44,45	233-417Ca					
			Cetus (for N1068)					
02:23	-16:15	A59,63,64	32Li, 30Ca	989?	02:32.6	-16:37	15^m	E galaxy
02:35	-09:00	A63,64	17Ca	985	02:33.3	-08:53	14^m	Galaxy
				988?	02:34.0	-09:27	11	E galaxy
02:52	-20:20	A58,59,62,63,64	139Li, 102Ca					
				1068	02:41.4	-00:08	m 10.5	SB galaxy
			Grus (for N55)					
23:43	-34:36	A69,72,73,88,92,93	322Li, 443Ca					
00:14	-39:25	A93,94	11-54Ca	55	00:13.8	-39:22	8^m	Sc galaxy

Footnotes are at the end of the table.

Table continues.

Table 2 — Positions of Non-SAO Objects (NOs) and Possible Identifications (Continued)

R.A.(1975)	Dec.	Image on Frames	D-Vol/Exp	RNGC*	R.A.(1975)	Dec.	Mag.	Type
			Pavo					
22h14m	-49°23′	A118,121	294Li, 67Ca					
			Mensa (LMC not included)					
03:26	-77:08	A130	21Ca					
03:36	-79:26	A129,130	12-23Ca					
03:47	-77:27	A129,130	11-24Ca					
04:27	-80:34	A130	8Ca					
04:33	-80:10	A130	12Ca					
04:36	-78:31	A129,130	25-39Ca					
04:36	-74:35	A130	24Ca					
04:38	-79:53	A129	8Ca					
04:40	-82:00	A129,130	18-21Ca					
04:41	-83:02	A129,130	11-32Ca					
04:59	-74:40	A129	19Ca	1777?	04h56m.4	-74°19′		Cluster LMC
05:14	-77:15	A129,130	12-28Ca					
05:19	-75:16	A130	15Ca					
05:21	-77:39	A125,129,130	29Li, 261Ca	1956?	05:20.9	-77:46	Faint	Galaxy
05:26	-77:36	A125,129	148Li, 27Ca					
05:32	-79:07	A130	15Ca					
05:33	-79:13	A129†,130	31-35Ca					
05:48	-75:01	A124,125	126-182Li					
05:49	-70:03	A125	251Li					
05:58	-68:29	A130	26Ca	2164	05:58.8	-68:31	10m.5	Cluster LMC
06:02	-69:48	A130	13Ca	2187?	06:04.1	-69:34		Galaxy
06:03	-77:00	A129,130	11-15Ca					
06:03	-74:22	A129,130	25-41Ca	2190?	06:01.6	-74:43		Globular LMC
06:05	-75:01	A125,129,130	36Li, 23Ca	2203?	06:05.6	-75:26		Cluster LMC
06:07	-78:06	A124,129,130	106Li, 52Ca					
06:08	-78:06	A125	94Li					
06:08	-65:13	A129,130	16-37Ca					
06:19	-71:35	A125	229Li					
06:23	-66:34	A129,130	16-17Ca					
06:29	-73:11	A129,130	23-30Ca					

Table continues.

Table 2 — Positions of Non-SAO Objects (NOs) and Possible Identifications (Continued)

R.A.(1975)	Dec.	Image on Frames	D-Vol/Exp	RNGC*	R.A.(1975)	Dec.	Mag.	Type
			Mensa (continued)					
h m	° ′							
06:29	-71:58	A129,130	10-17Ca					
06:31	-68:51	A125,129,130	140Li, 191Ca					
06:38	-70:51	A125,129,130	157Li, 140Ca					
06:43	-69:12	A129,130	62-66Ca					
06:43	-68:10	A125,129,130	95Li, 190Ca					
06:43	-65:36	A125,129,130	494Li, 518Ca					
06:44	-66:22	A125,129,130	67Li, 214Ca					
06:45	-67:36	A129	51Ca					
06:55	-76:35	A124,125,129,130	97Li, 189Ca					
06:57	-75:46	A129	38Ca					
06:58	-76:28	A129†,130	24-40Ca					
06:58	-72:50	A124,125,129,130	391Li, 141Ca					
06:58	-71:36	A125,129	46Li, 51Ca					
06:58	-69:16	A129,130	20-25Ca					
06:59	-73:22	A125,129,130	70Li, 59Ca					
07:02	-76:18	A129,130	13-40Ca					
07:03	-76:28	A124,125,129,130	214Li, 382Ca					
07:08	-72:40	A125,129,130	64Li, 67Ca					
07:11	-76:43	A125,129,130	42Li, 56Ca					
07:12	-77:37	A130	7Ca					
07:13	-68:18	A129,130	13-27Ca					
07:14	-77:00	A125,129,130	33Li, 99Ca					
07:15	-77:39	A130	167Ca					
07:15	-77:29	A124,125,129,130	222Li, 90Ca					
07:15	-77:05	A124,125	160-203Li					
07:15	-76:55	A130	28Ca					
07:16	-77:37	A125,129	76Li, 98Ca					
07:17	-76:59	A129,130	13-23Ca					
07:19	-77:28	A124	297Li					
07:24	-70:40	A129,130	60-100Ca					
07:25	-70:22	A124,129,130	99Li, 115Ca					
07:32	-75:41	A124	131Li					
07:37	-76:30	A129,130	25-26Ca					
07:40	-70:17	A129,130	77-87Ca					

Table continues.

Table 2 — Positions of Non-SAO Objects (NOs) and Possible Identifications (Continued)

R.A.(1975)	Dec.	Image on Frames	D-Vol/Exp		RNGC*	R.A.(1975)	Dec.	Mag.	Type
			Mensa (continued)						
h m	° ′					h m	° ′		
07:42	-77:28	A129,130		81-86Ca					
07:43	-70:57	A124,125,129,130	190Li, 1942Li	304Ca	2466?	07:45.4	-71:20	Faint	Galaxy
08:03	-71:58	A129,130		24-74Ca					
08:16	-78:19	A130		356Ca					
(For objects in the LMC, see S201 Atlas of the LMC)									
			Norma (for N6300)						
16:17	-64:32	A145,149	89Li,	47Ca					
16:17	-64:25	A145,148,149	94Li,	178Ca					
16:27	-65:59	A145,148,149	388Li,	212Ca					
16:31	-65:57	A144,145,148,149	1205Li,	1162Ca					
16:37	-57:24	A145,148,149	182Li,	152Ca					
16:45	-58:16	A145	94Li						
16:47	-56:48	A148,149		28-42Ca					
16:51	-57:13	A144,148,149	271Li,	242Ca					
17:07	-53:59	A148,149		35-43Ca					
17:08	-54:29	A144,145,148,149	94Li,	100Ca					
17:08	-53:36	A148,149		42-96Ca					
17:09	-54:30	A148,149		54-62Ca					
17:09	-53:09	A145,148†,149†	54Li,	196Ca					
17:09	-53:05	A145,148†,149	165Li,	152Ca					
17:10	-53:17	A144,148,149	149Li,	132Ca					
17:11	-54:42	A148,149		79Ca					
					6300	17:14.6	-62:48	m 11.5	SB3 galaxy
17:21	-67:58	A145,149	37Li,	90Ca					
17:22	-57:45	A145,149	34Li,	34Ca					
17:24	-55:55	A145	28Li						
17:28	-66:53	A144,145,148,149	1611Li,	1016Ca	6362	17:29.2	-67:02	m 8.5	Globular
17:31	-54:57	A145	75Li						
17:34	-68:58	A148,149		62-95Ca					
17:42	-64:53	A144,145,148,149	195Li,	209Ca					
17:43	-54:09	A145,148,149	140Li,	96Ca					

Table continues.

Table 2 — Positions of Non-SAO Objects (NOs) and Possible Identifications (Continued)

R.A.(1975)	Dec.	Image on Frames	D-Vol/Exp		RNGC*	R.A.(1975)	Dec.	Mag.	Type
			Norma (continued)						
h m	° ′								
17:45	-61:59	A144,145,148,149	265Li,	261Ca					
17:46	-66:15	A144,145,148,149	225Li,	362Ca					
17:46	-65:36	A145,148,149	210Li,	247Ca					
18:13	-66:56	A145,148,149	401Li,	445Ca					
			Aquarius (Geocorona)						
22:49	-13:35	A156,157		40-78Ca					
22:54	-07:09	A156,157,176,177		14-35Ca	7406?	h m 22:52.7	° ′ -06:44	15m	Nebula
23:02	-05:08	A151	161Li						
23:16	-06:37	A152,155,156	97Li,	71Ca	7596?	23:15.9	-07:03	Faint	Galaxy
		A175,176,177		106Ca					
23:19	-05:20	A152,155,156,157	163Li,	117Ca					
		A171,172,176,177	149Li,	143Ca					
23:21	-03:17	A171,172	151-176Li						
23:28	+00:24	A152	32Li		7684?	23:29.2	-00:04	Faint	Galaxy
			Fornax						
03:32	-25:58	A191,192,195	802Li,	360Ca	1360	03:32.3	-25:56		Plan. neb.
04:00	-32:28	A192,195	260Li,	108Ca					
			Sagittarius (Milky Way)						
17:56	-32:58	A203,204		66-92Ca					
17:57	-30:56	A203,204		29-54Ca					
18:00	-27:41	A203,204		12-20Ca	6520?	18:01.9	-27:54	7.5m	Cluster
18:00	-27:32	A198,199†,202,203,204	2032Li,	895Ca	6520?				
18:00	-26:18	A199	301Li						
18:01	-29:59	A203,204		25-34Ca	6522	18:02.0	-30:02	10.5m	Globular
18:02	-25:29	A199,203,204	2380Li,	64Ca					
18:03	-27:54	A203		37Ca	6540?	18:04.8	-27:49	14.5m	Cluster
18:04	-28:49	A203,204		44-51Ca					

Table continues.

Table 2 — Positions of Non-SAO Objects (NOs) and Possible Identifications (Continued)

R.A.(1975)	Dec.	Image on Frames	D-Vol/Exp		RNGC*	R.A.(1975)	Dec.	Mag.	Type
Sagittarius (continued)									
18:04$^{h\,m}$	-27:46$^{\circ\,\prime}$	A199†,203,204	574Li,	9Ca	6540	18:04.8$^{h\,m}$	-27:49$^{\circ\,\prime}$		Cluster
18.05	-26:43	A203,204		12-63Ca	6557?	18:08.4	-26:36	Faint	
18:05	-26:06	A199,203,204	250Li,	213Ca					
18:05	-23:55	A203,204		9-11Ca					
18:06	-29:33	A199,203,204	84Li,	32Ca	6551?	18:07.4	-29:33		(no?)
18:07	-26:27	A199	76Li		6557?				
18:08	-28:09	A199,203,204	103Li,	29Ca	6565	18:10.3	-28:11	13^{m}	Plan. neb.
18:09	-32:50	A203,204		57-66Ca					
18:09	-32:12	A203,204		28-32Ca					
18:10	-31:16	A203		27Ca	6558?	18:08.6	-31:47	Faint	Globular
18:10	-29:07	A203		29Ca					
18:10	-23:50	A203,204		8-21Ca	6559?	18:08.6	-24:08	Faint	Nebula
18:11	-36:14	A199,203,204	29Li,	11Ca					
18:11	-31:34	A199,203,204	71Li,	34Ca	6558?				
18:13	-38:13	A203,204		40-62Ca					
18:13	-22:49	A199†	396Li						
18:13	-21:50	A199,203,204	58Li,	22Ca	6568?	18:11.3	-21:36	8.5^{m}	Cluster
18:16	-29:04	A199,203	37Li,	46Ca					
18:16	-26:07	A199,203,204	82Li,	22Ca					
18:17	-34:26	A199,203,204	64Li,	25Ca					
18:18	-25:40	A199,203,204	384Li,	37Ca					
18:19	-37:15	A202,203,204		259-416Ca					
18:21	-39:48	A203,204		11-65Ca					
18:21	-39:43	A203,204		10-23Ca					
18:21	-34:21	A204		405Ca					
18:21	-25:24	A199	57Li						
18:22	-26:07	A199,203,204	177Li,	57Ca	6620?	18:21.4	-26:50	15^{m}	Nebula
18:23	-36:04	A203,204		51-53Ca					
18:24	-25:53	A199,203,204	115Li,	25Ca					
18:25	-27:02	A199,203	46Li,	8Ca	6620?	18:21:4	-26:50	15^{m}	Nebula
18:28	-32:14	A199,202,203,204	272Li,	90Ca	6637?	18:29.7	-32:22	9^{m}	Globular
18:28	-31:28	A199,204	168Li,	15Ca					
18:37	-32:00	A202,203,204		28-80Ca					
18:39	-29:55	A203,204†		51-56Ca					

Table continues.

Table 2 — Positions of Non-SAO Objects (NOs) and Possible Identifications (Concluded)

R.A.(1975)	Dec.	Image on Frames	D-Vol/Exp	RNGC*	R.A.(1975)	Dec.	Mag.	Type
Sagittarius (continued)								
h m	° ′							
18:41	-30:26	A203,204	9-12Ca					
18:43	-39:45	A199,202,203,204	439Li, 441Ca					
18:44	-39:20	A203,204	27-47Ca					
18:47	-33:16	A202,203	93-126Ca					
18:50	-26:13	A199†	4074Li					
18:56	-29:16	A203,204	19-22Ca					
18:58	-26:27	A198†	263Li					
19:00	-36:59	A203	142Ca	6729	h m 19:00.1	-37:00		Nebula
19:01	-35:03	A199	76Li					
19:10	-27:39	A199†	114Li					
19:10	-26:50	A198,199,203	708Li, 16Ca					
19:14	-34:56	A199,202,203,204	405Li, 298Ca					

*RNGC = The Revised New General Catalog of Nonstellar Astronomical Objects, by J.W. Sulentic and W.G. Tifft, Univ. of Arizona Press, 1973. A question mark (?) after the RNGC number indicates that the position differs by more than 5 arc-min.

†Two close images.

Table 3 — Corrections to S201 Density Volumes*

V	N	$P-B$	H	Truncation Only			For Normal $B \approx 50$			For High $B \approx 250$		
				T	$V+T/V$	$\log V+T/V$	V_c	V_c/V	$\log V_c/V$	V_c	V_c/V	$\log V_c/V$
80	3.5	22	25	210	3.62	0.559	290	3.62	0.559	325	3.94	0.596
100	4	25	27	233	3.33	0.522	333	3.33	0.522	363	3.63	0.560
150	6	30	31	244	2.63	0.420	394	2.63	0.420	433	2.89	0.462
200	7.5	34	34	250	2.25	0.353	450	2.25	0.353	494	2.47	0.394
300	10	40	40	245	1.82	0.260	545	1.82	0.260	594	1.98	0.298
400	13	46	46	242	1.605	0.206	642	1.605	0.206	700	1.75	0.244
500	15	49	49	245	1.51	0.180	745	1.51	0.180	825	1.65	0.218
600	17	54	52	265	1.44	0.160	865	1.44	0.160	945	1.575	0.198
700	20	58	53	295	1.42	0.152	995	1.42	0.152	1080	1.54	0.189
800	22	62	53	320	1.40	0.147	1120	1.40	0.147	1215	1.52	0.183
900	24	64	54	345	1.385	0.142	1245	1.38	0.142	1350	1.50	0.177
1000	26	70	54	365	1.365	0.136	1365	1.36	0.136	1490	1.49	0.173
1200	28	78	54	395	1.33	0.125	1595	1.33	0.125	1760	1.465	0.166
1400	30	90	55	420	1.30	0.115	1820	1.30	0.115	2015	1.44	0.159
1600	32	105	55	440	1.275	0.106	2050	1.28	0.108	2265	1.415	0.151
1800	33	122	56	430	1.24	0.093	2250	1.25	0.097	2500	1.39	0.144
2000	34	140	56	420	1.21	0.084	2460	1.23	0.090	2740	1.37	0.136
2500	38	165	56	520	1.207	0.082	3050	1.22	0.088	3380	1.35	0.131
3000	44	190	56	580	1.19	0.077	3640	1.215	0.085	4020	1.34	0.128
4000	52	225	56	680	1.17	0.069	4800	1.20	0.081	5320	1.33	0.125
5000	63	255	56	800	1.16	0.066	5950	1.19	0.077	6600	1.32	0.122
6000	72	285	58	820	1.136	0.056	7080	1.18	0.072	Not possible		
8000	87	315	64	910	1.113	0.047	9280	1.16	0.065	Not possible		
10000	103	345	67	1000	1.100	0.042	11460	1.146	0.060	Not possible		
12000	118	365	70	1100	1.090	0.038	13550	1.130	0.054	Not possible		
15000	137	375	75	1120	1.074	0.032	16700	1.113	0.047	Not possible		
20000	172	390	88	1150	1.053	0.024	21800	1.090	0.038	Not possible		

Table continued.

Table 3 — Corrections to S201 Density Volumes* (Concluded)

V	N	$P-B$	H	Truncation Only			For Normal $B \approx 50$			For High $B \approx 250$		
				T	$V+T/V$	$\log V+T/V$	V_c	V_c/V	$\log V_c/V$	V_c	V_c/V	$\log V_c/V$
25000	207	405	96	1200	1.048	0.021	26900	1.074	0.032	Not possible		
30000	240	410	104	1200	1.040	0.018	32000	1.066	0.028	Not possible		
40000	300	415	131	1200	1.030	0.014	42000	1.050	0.022	Not possible		
50000	365	420	200	900	1.016	0.008	51500	1.030	0.014	Not possible		
60000	430	425	311	600	1.010	0.004	61250	1.020	0.010	Not possible		
80000	525	440	420	400	1.005	0.003	81400	1.016	0.008	Not possible		
100000	715	455	455	100	1.001	0.000	101000	1.010	0.004	Not possible		

*V = density volume of an identified star image in units of 0.01D square raster;
N = number of points (pixels) with density 20 (0.2D) above background B;
$P-B$ = peak density above background in units of 0.01D;
H = height of "wing cone" (see Figs. 14d and 14e);
T = correction for truncation in the STAR DETECTION program;
B = local background density in units of 0.01D;
V_c = fully corrected density volume in units of 0.01D-square-raster.

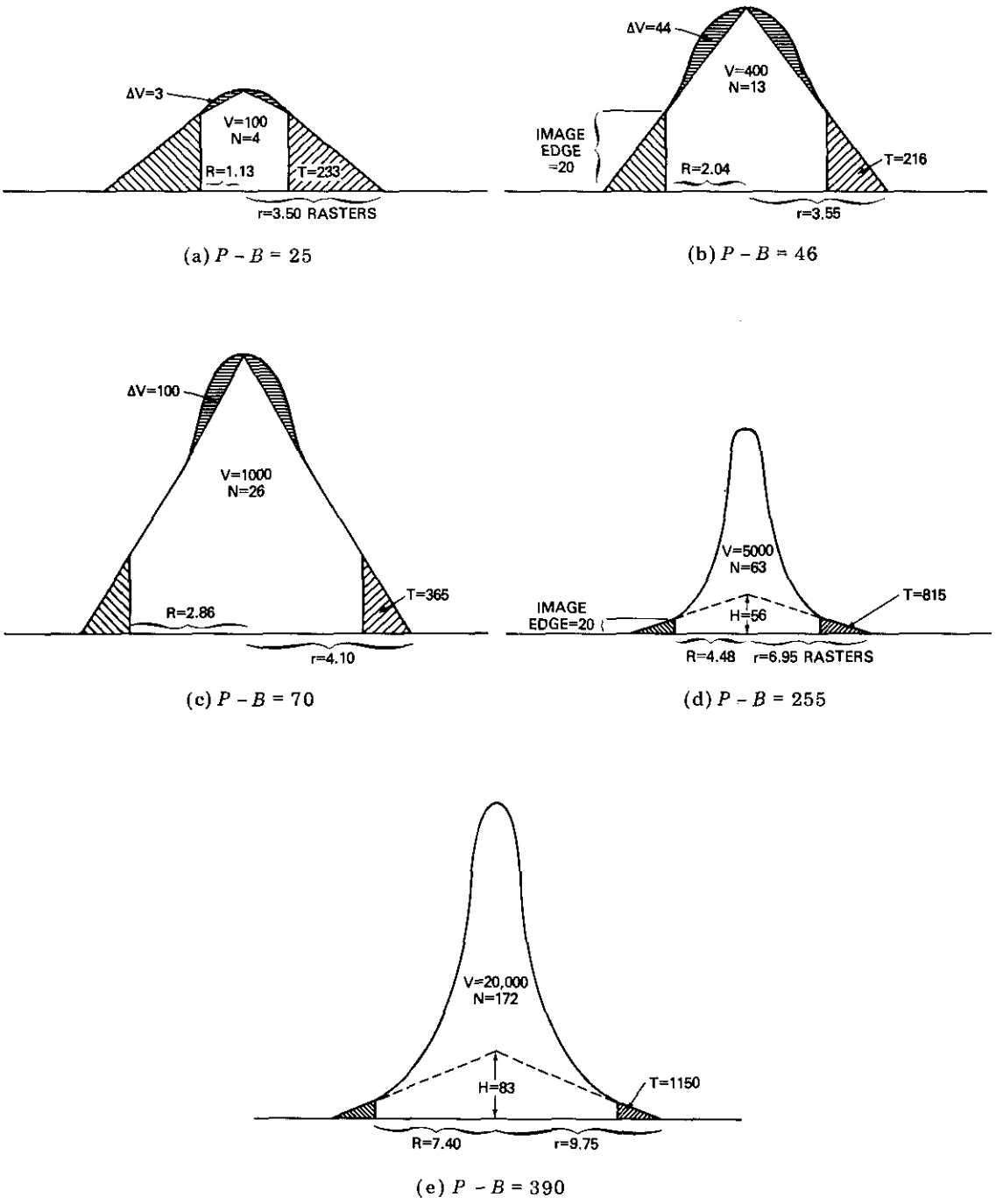


Fig. 14 — Correction to the measured density volume for image truncation (due to the PDS scan speed and the S201 nonlinear response)

The image cross sections show that for $V > 1000$ there is usually a wing or skirt extending several rasters beyond the measured image edge, as shown in Fig. 14b. This was fitted fairly well by extending a cone of height H beyond the measured image edge. Then the truncation correction is the volume of the H-cone rim, or

$$T = (N/3)\, H^3/(H - 20)^2 - (N/3)(H - 20) - 20N, \qquad \text{for } V > 400.$$

Values of H obtained from cross sections were plotted against V, and values of the resulting smoothed relation are listed in Table 3. At low V, H is nearly equal to $P - B$. In the range $V = 1000$ to 15,000, H remains near 60, and $P - B$ climbs to 350. In the large, overexposed images H reapproaches $P - B$.

Although uncertainties in H and T are fairly large, the ratio T/V drops off rapidly, as shown in Table 3, and the uncertainty in $\log [(V + T)/V]$ for $V > 400$ is estimated to be less than 0.05 (less than 0.02 for $V > 20{,}000$).

The PDS lag correction $\Delta\Delta$ and the linearizing correction ΔD are listed in Table 4a as functions of $P - B$ and P respectively. The PDS lag correction $\Delta\Delta$ was obtained from a speed test on four star images of different peak densities. The linearizing correction ΔD was obtained by measuring uniform geocorona densities on three frames, A40, A41, and A42 (1-, 3-, and 10-min ILi exposures), and up to measured density $D_M = 350$ units (3.5D) is closely represented by the following expression for linearized density:

$$D_L = D_M + \exp[0.674(D_M - 130)^{0.39}].$$

These two corrections have been applied to the image peak densities P as shown in Tables 4b and 4c, giving fully corrected density volumes V_c. The "normal" background $B \approx 50$, and the correction for nonlinear response is small for faint and medium star images. However on three frames (A41, A145, and A199) there is a high background: $B \approx 250$. This requires a correction to measured V even for faint images, as shown in Tables 4c and 3. Since the high background is subtracted from the (higher) star-image densities, the correction is the *difference* between ΔD for density P and ΔD for density 250, as given in Table 4c. This high-background correction cannot be given for $V > 5000$, where $P - B > 250$, and for $P > 500$, the upper limit to densities recorded by the PDS microdensitometer.

Table 3 lists V_c (fully corrected) for values of measured density volume V, and $\log V_c/V$ is plotted in Figs. 15a, 15b, and 15c. The correction for images on high background is considerably larger.

Figures 16 through 22 are plots of V magnitude vs $\log V/E$ (E is the exposure in minutes) on ILi and ICa frames. They show a scatter of about 1 magnitude about the expected relation $V\,\text{mag} + 2.5 \log V/E = K$. The average intercept $\bar{K}$ and the rms deviation σ are labeled on each plot, and large deviants are listed in Table 5. These derivations are probably due to:

- Differences in interstellar extinction,
- Errors in background (B) estimates,
- Corrections to V for truncation, PDS lag, and nonlinear response given in Table 3 but not applied to the figures,
- Errors in SAO visual magnitudes and/or spectral types, and
- Actual differences in the far-ultraviolet flux from stars of a given spectral type.

Table 4a — Corrections to Peak Densities P for PDS Lag $\Delta\Delta$ and Linearization ΔD*

$P - B$	$\Delta\Delta$	P	ΔD
50	0	50	0
100	0	100	0
150	0	150	+10
200	+10	200	30
250	20	250	80
300	40	300	150
350	70	350	270
400	100	400	400
450	140	450	600
500	180	500	870

*P = Peak density of a star image;
B = local background density;
$\Delta\Delta$ = correction for lag in the PDS microdensitometer;
ΔD = correction for non linear response of the S201 camera;
All densities are in units of 0.01D.

Table 4b — Applied Corrections $\Delta\Delta$ and ΔD for Normal Background, $B \approx 50$*

V	$V + T$	$P - B$	$\Delta\Delta$	$P = P - B + 50$	ΔD	V_c	V_c/V	$\log V_c/V$
1000	1365	70	0	120	0	1365	1.365	0.136
1300	1710	84	0	134	0	1710	1.315	0.120
1540	1975	100	0	150	10	1985	1.287	0.110
2100	2540	150	0	200	30	2570	1.224	0.088
3300	3910	200	10	250	80	4000	1.210	0.084
4800	5575	250	20	300	150	5745	1.197	0.079
7000	7865	300	40	350	270	8175	1.167	0.068
10500	11525	350	70	400	400	11995	1.143	0.058
23500	24680	400	100	450	600	25380	1.080	0.034
94000	94100	450	140	500	870	95110	1.012	0.006

*V = Density volume of a star image;
T = correction for truncation in the STAR DETECTION program.

Table 4c — Applied Corrections $\Delta\Delta$ and ΔD for High Background, $B \approx 250$

V	$V+T$	$P-B$	$\Delta\Delta$	$P=P-B+250$	$\Delta D - \Delta D(250)$	V_c	V_c/V	$\log V_c/V$
50	268	21	0	271	24	292	5.84	0.767
80	290	22	0	272	25	315	3.94	0.596
100	333	25	0	275	30	363	3.630	0.560
150	394	30	0	280	40	434	2.89	0.462
200	450	34	0	284	45	495	2.47	0.394
300	545	40	0	290	50	595	1.98	0.298
400	642	46	0	296	60	702	1.753	0.244
500	745	50	0	300	70	815	1.630	0.21
1540	1975	100	0	350	190	2165	1.405	0.149
2100	2540	150	0	400	320	2860	1.363	0.135
3300	3910	200	10	450	520	4430	1.343	0.129
4800	5575	250	20	500	790	6365	1.325	0.124

The many negative deviations, indicated by L in Table 5, are probably due to large interstellar extinction, and the positive deviations (H) may be due to stars' far-ultraviolet excess — both worthy of further study. The visual magnitudes and spectral types given in the SAO catalog are based on the Henry Draper Catalog; these often differ markedly from more modern determinations in specific regions of the sky, such as Orion [12].

The corrections to log V/E given as log V_c/V in Table 3 and in Figs. 15 will move points at the upper left on Figs. 16 through 22 toward the right by the amount log $V_c/V \approx 0.25$. This, however, will not account for the large deviants.

COMPARISON WITH STELLAR MODELS

To compare the measured far-ultraviolet fluxes with expectations (with more accuracy used than used in the STAR PLOT program) the S201 camera response in the direct-imaging mode (Fig. 3) was folded with model atmosphere calculations by Kurucz, Petremann, and Avrett [13] and the "average" far-ultraviolet extinction curve of Bless and Savage [14]. For a monochromatic diffuse source the optical density of the image on the processed emulsion is given by $D = I\,s\,t$, where I is the monochromatic source density in kilorayleighs ($1\ kR = 10^9/4\pi$ photons/cm^2 s sterad), s is the diffuse-source sensitivity in density units/kR seconds, and t is the exposure time in seconds. (E or EXP is used in this catalog for exposure time in minutes.)

The sensitivity s is the product of the overall detection (quantum) efficiency η, the "blackening factor" b (density units/photoelectron per μm^2, at the emulsion), and a geometrical factor G depending on the focal ratio of the optical system: $G = 10^{-8}A/f^2$, where A is the effective aperture in cm^2 and f is the focal length in cm. Thus for a monochromatic diffuse source

$$D = \frac{10^9}{4\pi}\ I\,\eta\,bGt = \Psi_\lambda\,\eta\,bGt,$$

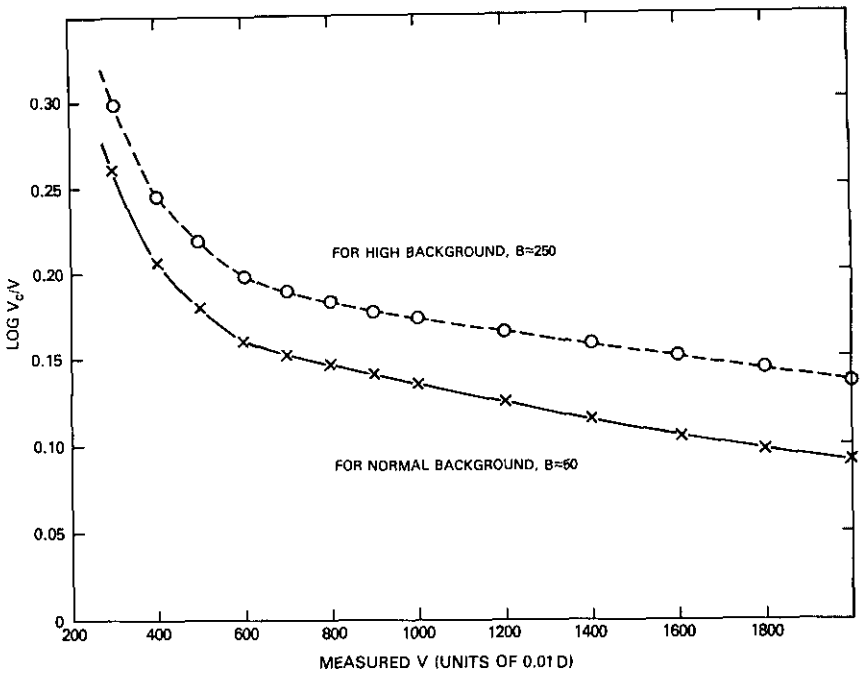


Fig. 15a — Relation of the fully corrected density volume V_c to the measured density volume V, plotted for $O \leqslant V \leqslant 90{,}000$

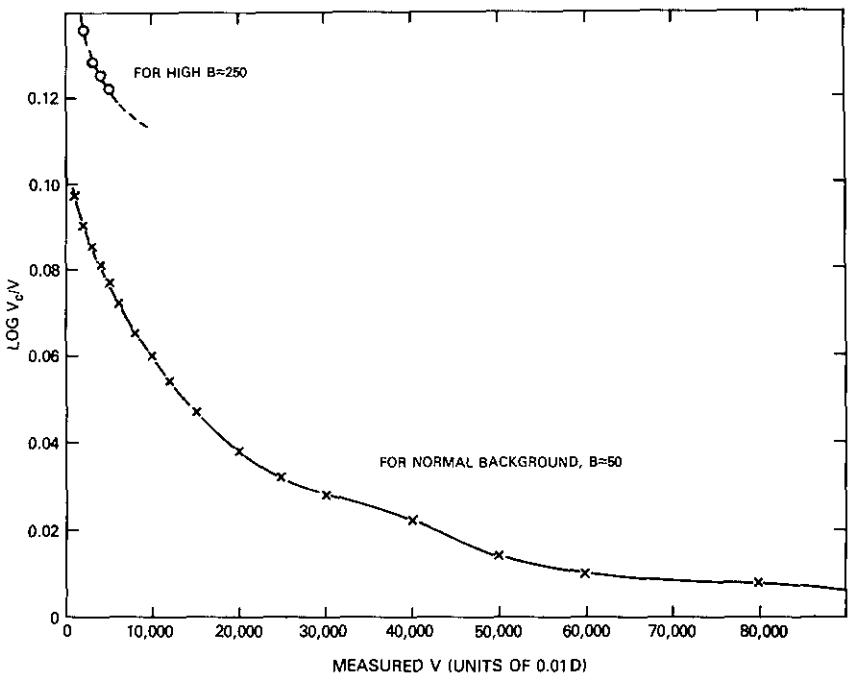


Fig. 15b — Relation of V_c to V, plotted for $200 \leqslant V \leqslant 2000$

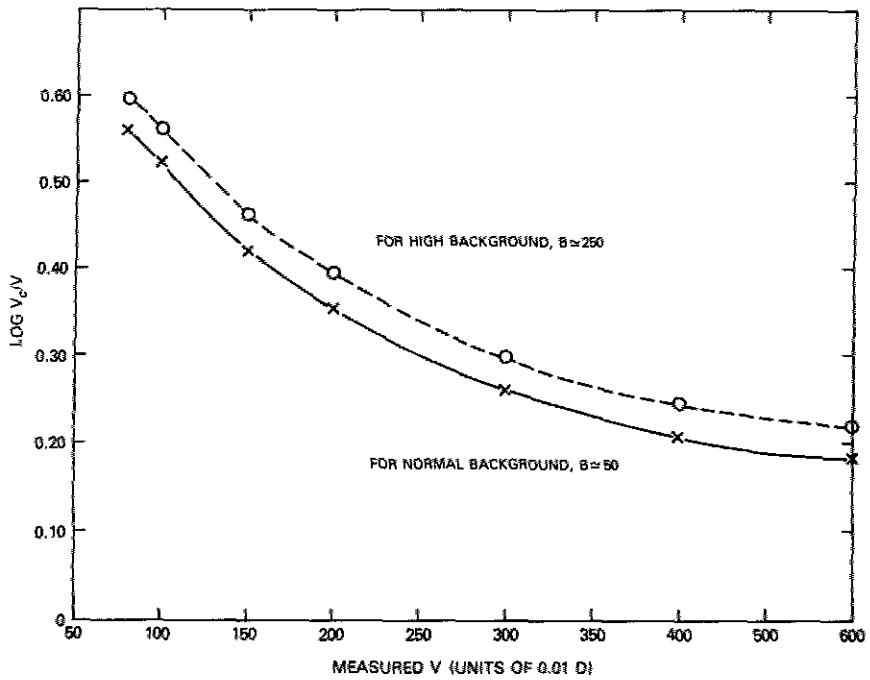


Fig. 15c — Relation of V_c to V, plotted for $50 \leqslant V \leqslant 600$

where Ψ_λ is the diffuse flux expressed in photons/cm^2 s sterad. For a nonmonochromatic source

$$D = b\,Gt \int \Psi_\lambda \eta_\lambda \, d\lambda = b\,Gt\,\Psi_{\lambda\,\mathrm{eff}} \eta_{\lambda\,\mathrm{eff}} \Delta\lambda_{\mathrm{eff}},$$

where λ_{eff} is the effective wavelength of the camera for a flat continuum ($\Phi_{\lambda\,\mathrm{eff}} = \Phi_\lambda =$ constant) and $\eta_{\lambda\,\mathrm{eff}} \Delta\lambda_{\mathrm{eff}}$, or $(\eta\Delta\lambda)_{\mathrm{eff}}$, is the area under the curve of efficiency vs wavelength (half of which falls on either side of λ_{eff}). The result is relatively insensitive to slight changes in the shape of the continuum distribution.

For a point source the number of photoelectrons recorded in the image is

$$n = At \int \Phi_\lambda \eta_\lambda \, d\lambda = At\,\Phi_{\lambda\,\mathrm{eff}} (\eta\Delta\lambda)_{\mathrm{eff}},$$

where Φ_λ is the photon flux (photons/cm^2 s Å). The density distribution in the recorded image of course depends on the resolution and details of the image structure. However, if linearity of response is assumed, the total density volume is independent of these details and is

$$V = \int D\,dA = \bar{D}A = b \int \left(\frac{n}{A}\right) dA = nb.$$

Table 5 — Deviant Density Volumes in the S201 Far-Ultraviolet Catalog

Negative deviations (density volumes lower than expected) are indicated by L, and positive deviations (higher than expected) are indicated by H. The frames are in order of right ascension.

Frame	V Mag	Spec. Type	log D/E	Approx. D/E	SAO	R.A.	x	y	Remarks
				Cetus					
59Li	7.9	A0	3.15 H	1400	148254	02:08:33	507	980	7 rasters from edge of field
63Ca	8.3	B8	1.3 L	20	130410	03:15:50	689	77	15r from EOF, L on frame 64
64Ca	8.3	B8	1.05 L	11	130410	03:15:50	692	135	15r from EOF, L on 63
"	4.3	A3	1.6 L	40	168249	03:00:18	29	394	40r from EOF
				Fornax					
192Li	5.04	A2	1.5 L	31	168836	03:45:31	669	509	
195Ca	9.6	A2	3.7 H	5260	149061	03:33:37	886	749	
				Mensa					
125Li	7.0	A0	1.65 L	45	256308	06:30:31	343	419	
"	6.9	A0	1.60 L	40	256277	06:12:26	360	465	
129Ca	5.1	B5	3.45 L	2800	249368	05:50:21	855	481	L on 130, edge of LMC
130Ca	5.1	B5	3.18 L	1500	249368	05:50:05	856	479	L on 129, edge of LMC
"	7.1	A0	3.1 H	1250	249336	05:41:57	831	519	In LMC
"	8.3	A0	0.7 L	5	256448	07:48:18	407	124	
"	7.95	A0	0.65 L	4	249373	05:50:36	939	474	
"	7.9	A0	1.1 L	12	256381	07:13:16	218	344	
"	6.7	A0	1.4 L	25	256053	04:00:14	562	929	
"	6.5	A2	1.2 L	16	256408	07:25:14	556	133	

Table continues.

Table 5 — Deviant Density Volumes in the S201 Far-Ultraviolet Catalog (Continued)

Frame	V Mag	Spec. Type	log D/E	Approx. D/E	SAO	R.A.	x	y	Remarks
					Norma				
144Li	8.25	B3	2.0 L	100	244806	17:27:22	251	450	
"	5.9	B3	2.0 L	100	253903?	17:19:03	692	548	Another image, D/E = 8122
"	7.85	B8	1.95 L	90	244003	16:33:35	473	115	
"	8.75	B8	2.9 H	840	244400	17:00:02	221	207	H on 145
"	7.2	B8	3.65 H	4336	245405	18:15:48	464	847	
"	6.1	A0	1.95 L	90	253734	16:50:39	769	408	
145Li	8.75	B0	1.9 L	80	243899	16:26:22	566	108	
"	8.75	B8	1.5 L	30	244593	17:13:34	239	333	
"	8.7	B8	1.6 L	40	243647	16:16:06	688	103	
"	8.5	B8	1.6 L	40	244843	17:29:49	124	420	
"	7.9	B8	1.6 L	40	243796	16:22:16	600	94	
"	8.75	B8	3.0 H	1000	244400	16:59:55	222	204	H on 144
"	7.3	B9	1.9 L	80	244134	16:43:00	638	285	
"	6.05	B9	1.65 L	45	244755	17:23:15	130	368	L on 148,149
"	7.25	A0	1.55 L	35	244705	17:20:19	523	494	
"	7.74	B5	2.12 L	133	243741	16:19:42	555	39	10r from EOF
148Ca	9.0	B3	1.6 L	40	244409	17:00:43	238	211	
"	8.05	B3	2.1 L	125	243750	16:20:19	528	17	5r from EOF, L on 149
"	6.05	B9	1.8 L	63	244755	17:23:22	133	361	L on 144,149
"	6.3	A0	1.85 L	70	253673	16:38:12	988	447	5r from EOF, L on 145
149Ca	8.7	B0	1.52 L	33	243899	16:26:51	569	110	
"	8.05	B3	1.55 L	35	243750	16:20:27	526	22	5r from EOF, L on 148
"	8.9	B5	1.35 L	22	244089	16:39:01	415	119	
"	8.6	B5	1.55 L	35	243844	16:24:24	575	92	

Table continues.

Table 5 — Deviant Density Volumes in the S201 Far-Ultraviolet Catalog (Continued)

Frame	V Mag	Spec. Type	log D/E	Approx. D/E	SAO	R.A.	x	y	Remarks
Norma (continued)									
149Ca	8.45	B5	1.85 L	70	243572	16:14:28	667	68	20r from EOF
"	8.0	B8	1.5 L	32	227872	17:18:23	105	310	
"	7.75	B9	1.6 L	37	244136	16:43:10	548	234	
"	6.05	B9	2.1 L	115	244755	17:23:21	131	364	L on 145,148
"	9.0	B9	2.5 H	320	244027	16:35:31	376	59	20r from EOF
"	5.9	A2	1.4 L	25	243509	16:11:47	687	60	10r from EOF
Sagittarius (Normal)									
198Li	8.8	B0	2.0 L	100	186748	18:20:14	405	324	
"	8.85	B3	1.95 L	92	209938	18:13:04	573	300	
"	7.6	B5	3.7 H	4664	186389	18:06:49	321	120	H on 202,203
"	7.1	B8	1.95 L	90	187672	19:03:08	275	782	
"	6.9	B9	1.95 L	90	209919	18:12:20	708	342	
"	9.4	B9	2.95 H	917	187070	18:35:00	182	418	H on 199,202,203,204
"	8.9	B9	3.2 H	1600	209597	17:57:52	919	271	10r from EOF, H on 203
"	8.10	B9	3.3 H	1920	186268	18:02:49	358	83	H on 203
"	9.2	A0	2.75 H	560	186471	18:09:25	505	231	H on 202,203
"	2.65	A2	3.2 L	1490	187600	18:59:09	409	773	
Sagittarius (Overexposed)									
199Li	6.6	O	1.5 L	32	209489	17:52:38	768	140	Two images, L on 203
"	6.6	O	1.75 L	56	209489	17:53:06	765	145	
"	7.25	O	1.9 L	80	209560	17:55:59	910	247	10r from EOF
"	9.2	B3	1.7 L	50	185985	17:53:56	634	94	Another image, D/E = 38
"	7.2	B3	2.6 L	400	209569	17:56:22	792	197	Another image, D/E = 4146

Table continues.

Table 5 — Deviant Density Volumes in the S201 Far-Ultraviolet Catalog (Continued)

Frame	V Mag	Spec. Type	log D/E	Approx. D/E	SAO	R.A.	x	y	Remarks
Sagittarius (Overexposed) (continued)									
199Li	9.0	B5	3.15 H	1400	186539	18:11:52	239	151	Another image, D/E = 283
"	8.80	B5	3.6 H	4000	186406	18:07:14	324	128	Another image, D/E = 35
"	5.95	B5	4.2 H	16000	186025	17:55:48	589	98	
"	8.2	B8	1.75 L	56	209755	18:04:46	803	298	
"	7.0	B8	1.85 L	81	209966	18:14:10	715	367	Another image, D/E = 624
"	9.1	B8	3.15 H	1400	186815	18:23:13	232	296	
"	8.6	B8	3.2 H	1542	186556	18:12:51	528	283	
"	7.45	B9	1.8 L	63	187089	18:36:03	405	509	L on 203
"	9.0	B9	3.1 H	1250	186249	18:02:05	514	146	Another image, D/E = 180
"	8.9	B9	3.3 H	2000	209597	17:57:53	918	272	15r from EOF, H on 198,203
"	9.4	B9	3.3 H	2000	187070	18:34:56	182	419	H on 202,203
"	6.95	B9	3.75 H	5600	210570	18:44:03	805	722	
"	7.2	A0	1.7 L	47	210853	18:59:42	693	855	
"	5.1	A0	2.3 L	200	210501	18:40:36	855	702	
"	9.6	A0	2.35 H	225	209906	18:12:10	649	319	
"	9.2	A0	3.15 H	1141	186201	18:00:28	524	130	Another image, D/E = 96
"	9.2	A0	2.7 H	462	186443	18:08:49	366	168	Another image, D/E = 395
"	8.7	A0	2.85 H	758	186846	18:24:59	353	363	
"	8.8	A0	2.95 H	877	186684	18:17:47	476	322	
"	8.5	A2	2.85 H	760	186033	17:55:41	463	43	H on 203
Sagittarius (Normal)									
202Ca	8.25	O	1.85 L	70	209521	17:54:20	692	119	
"	8.5	B2	1.9 L	80	186332	18:05:01	394	124	
"	8.6	B3	1.5 L	32	186086	17:57:52	399	29	3r from EOF
"	8.1	B3	1.9 L	80	209664	18:01:02	687	199	

Table continues.

Table 5 — Deviant Density Volumes in the S201 Far-Ultraviolet Catalog (Continued)

Frame	V Mag	Spec. Type	log D/E	Approx. D/E	SAO	R.A.	x	y	Remarks
Sagittarius (Normal) (continued)									
202Ca	8.9	B5	1.75 L	56	186166	17:59:59	599	149	
"	7.9	B5	1.55 L	35	186189	18:00:18	481	104	
"	7.6	B5	3.55 H	3500	186389	18:06:57	315	114	H on 198,203
"	7.9	B9	1.5 L	31	210276	18:28:51	832	564	
"	6.55	B9	1.75 L	56	209503	17:53:17	770	144	
"	9.4	B9	2.7 H	500	187070	18:34:59	177	412	H on 198,199,203,204
"	8.9	B9	3.28 H	1900	209597	17:57:51	914	265	7r from EOF, H on 198,199,203
"	9.2	A0	2.55 H	350	186471	18:09:26	500	225	H on 198,203
"	5.1	A0	2.2 L	160	210501	18:40:33	847	694	L on 204
203Ca	6.62	O	1.97 L	96	209489	17:52:45	772	131	L on 199
"	8.3	B2	1.65 L	45	209568	17:51:20	817	195	L on 204
"	9.05	B3	1.8 L	62	209456	17:51:19	811	132	L on 204
"	9.0	B5	1.35 L	22	186345	18:05:28	465	157	L on 204
"	8.95	B5	1.65 L	45	209934	18:13:01	979	447	10r from EOF, L on 204
"	7.6	B5	3.45 H	2950	186389	18:06:53	323	111	H on 198,202
"	8.5	B8	1.2 L	16	186861	18:25:47	401	378	
"	8.1	B8	1.25 L	18	186067	17:57:04	428	26	3r from EOF
"	8.9	B9	1.0 L	10	186882	18:26:38	322	360	
"	8.1	B9	1.25 L	18	187225	18:41:53	392	560	
"	7.45	B9	1.6 L	40	187089	18:36:09	408	499	L on 199
"	9.05	B9	2.6 H	390	209634	17:59:24	880	260	
"	9.3	B9	2.65 H	450	186360	18:05:49	313	92	
"	9.4	B9	2.72 H	550	187070	18:34:55	185	409	H on 198,199,202,204
"	8.9	B9	3.35 H	2440	209597	17:57:53	922	262	7r from EOF, H on 198,199,202
"	8.1	B9	3.25 H	1790	186268	18:02:58	360	75	H on 198
"	7.4	A0	1.05 L	11	209923	18:12:19	826	379	L on 204

Table continues.

Table 5 — Deviant Density Volumes in the S201 Far-Ultraviolet Catalog (Continued)

Frame	V Mag	Spec. Type	log D/E	Approx. D/E	SAO	R.A.	x	y	Remarks
Sagittarius (Normal) (continued)									
203Ca	6.45	A0	1.7 L	50	186863	18:25:51	371	368	
"	8.9	A0	2.55 H	350	186085	17:57:37	583	105	
"	9.2	A0	2.65 H	415	186471	18:09:29	508	222	H on 198,202
"	6.05	A2	1.55 L	35	187519	18:55:31	76	622	
"	5.25	A2	1.70 L	50	210277	18:29:08	959	608	
"	8.5	A2	2.35 H	238	186033	17:55:41	465	31	5r from EOF, H on 199
Sagittarius (Overexposed)									
204Ca	8.3	B2	1.55 L	35	209568	17:56:20	822	188	L on 203
"	9.05	B3	1.4 L	25	209456	17:51:41	814	428	L on 203
"	9.0	B5	1.65 L	45	186345	18:05:24	470	148	L on 203
"	8.95	B5	1.65 L	45	209934	18:12:51	984	439	L on 203
"	8.88	B8	1.3 L	20	209797	18:06:56	847	320	
"	8.1	B9	0.65 L	4.5	187225	18:42:18	394	557	3 more, D/E = 13,75,7; L on 203
"	9.65	B9	0.75 L	5.6	210147	18:23:21	744	458	
"	9.1	B9	0.67 L	4.7	209834	18:08:36	789	314	Another image, D/E = 7
"	9.2	B9	0.95 L	9.	210329	18:31:27	705	531	
"	9.4	B9	2.45 H	548	187070	18:34:48	190	401	H on 198,199,202,203
"	8.67	A0	0.77 L	6	210632	18:47:53	494	649	
"	8.5	A0	0.65 L	4.5	186844	18:25:07	287	321	
"	8.5	A0	0.77 L	6	209838	18:08:49	797	320	
"	7.4	A0	1.2 L	16	209923	18:12:11	831	371	L on 203
"	5.1	A0	2.4 L	265	210501	18:40:31	860	683	L on 203
"	8.9	A0	2.35 H	225	186432	18:08:38	587	233	
"	10	A0	1.82 H	67	210165	18:23:58	865	510	
"	8.9	A0	2.55 H	355	186085	17:57:36	588	98	

Table continues.

Table 5 — Deviant Density Volumes in the S201 Far-Ultraviolet Catalog (Continued)

Frame	V Mag	Spec. Type	log D/E	Approx. D/E	SAO	R.A.	x	y	Remarks
				Capricorn					
45Ca	6.8	A0	1.45 L	31	164275	21:14:23	395	338	
"	4.9	A3	1.72 L	52	189986	21:01:42	756	662	L on 46
46Ca	4.9	A3	1.8 L	67	189986	21:01:39	769	659	L on 45
				Pavo					
118Li	10.2	A5	2.1 H	125	246739	20:45:10	540	247	less H on 121
				Cygnus					
21Li	6.0	O	3.15 L	1290	50263	20:54:42	812	168	
"	6.9	B2	2.7 L	500	70599	20:50:10	826	684	
"	7.7	B3	3.52 H	3300	71104	21:12:09	622	517	H on 22
"	4.3	A0	2.6 L	400	71165	21:15:35	597	436	
	8.6	A2	3.55 H	3500	70291	20:35:23	981	445	7r from EOF
22Li	7.1	B0	2.72 L	536	50230	20:53:28	812	395	L on 23
"	7.7	B3	3.57 H	3700	71104	21:12:12	629	512	H on 21
"	7.9	B3	2.3 L	200	50583	21:11:11	666	213	
"	5.5	A0	2.3 L	200	51595	22:01:00	251	111	7r from EOF
"	8.5	A2	2.9 H	800	70837	21:01:22	732	498	H on 23,26,27,28
23Li	7.1	B0	2.82 L	660	50230	20:53:26	808	397	L on 22
"	8.5	B8	3.1 H	1250	50411	21:02:14	760	92	5r from EOF
"	8.0	B9	1.48 L	30	70662	20:52:58	800	695	
"	7.6	B9	1.65 L	45	51671	22:05:49	184	187	
"	7.3	B9	1.85 L	70	50859	21:24:59	543	211	

Table continues.

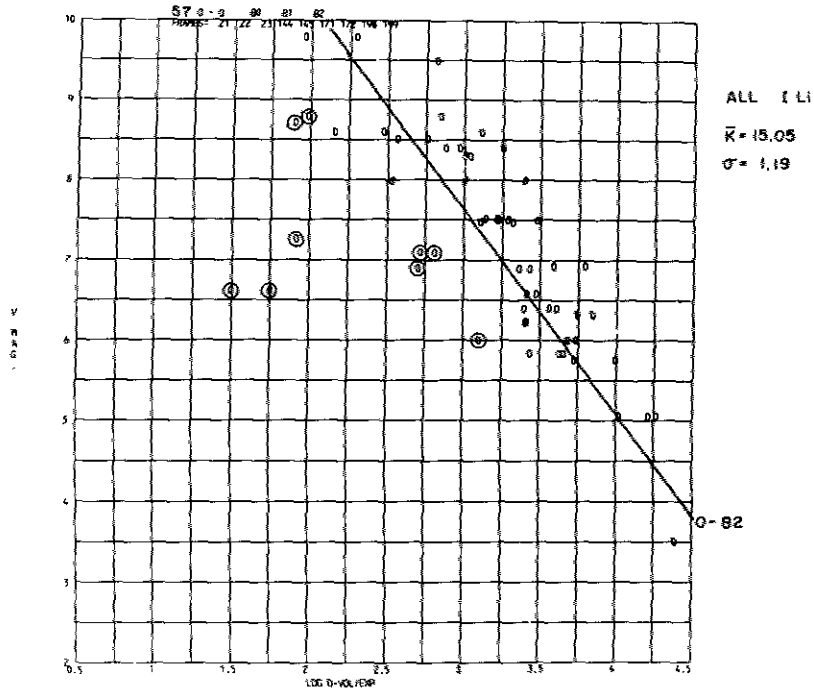
Table 5 — Deviant Density Volumes in the S201 Far-Ultraviolet Catalog (Continued)

Frame	V Mag	Spec. Type	log D/E	Approx. D/E	SAO	R.A.	x	y	Remarks
Cygnus (continued)									
23Li	6.0	A0	2.1 L	125	71237	21:19:14	530	767	Another image?, D/E = 103
"	8.5	A2	2.85 H	700	70837	21:01:24	727	500	H on 22,26,27,28
26Ca	7.4	A2	2.8 H	775	50189	20:51:37	772	357	
"	8.5	A2	2.7 H	500	70837	21:01:31	674	497	H on 22
"	8.9	A3	2.15 H	140	51388	21:50:14	261	239	H on 28
27Ca	8.4	B2	1.27 L	19	70410	20:40:46	931	591	
"	7.6	B	1.98 L	95	50567	21:10:36	673	177	L on 28
"	6.9	B8	1.85 L	70	50925	21:27:08	534	148	L on 28
"	8.0	B9	1.4 L	25	71950	21:59:25	135	683	
"	8.1	A0	1.08 L	12	51417	21:52:22	331	82	10r from EOF
"	8.1	A0	1.35 L	22	70791	20:59:06	757	404	Another image?, D/E = 19
"	7.5	A0	1.42 L	26	71747	21:47:38	272	620	
"	7.5	A0	1.28 L	19	72055	22:06:12	138	364	
"	7.2	A0	0.97 L	9	70971	21:06:39	666	719	
"	6.4	A0	1.2 L	16	51277	21:44:21	372	224	
"	6.7	A2	1.25 L	18	50751	21:19:51	611	61	
"	6.05	A5	1.35 L	22	71086	21:11:24	631	566	
"	7.4	A2	2.85 H	688	50189	20:51:55	828	354	H on 28
"	8.5	A2	2.72 H	520	70837	21:01:21	731	494	H on 22
"	8.7	A2	2.3 H	200	50666?	21:15:09	654	49	10r from EOF, also D/E = 25
"	8.9	A3	2.28 H	190	51388	21:50:04	318	236	
28Ca	7.6	B	1.82 L	66	50567	21:10:37	676	184	L on 27
"	6.9	B8	1.5 L	32	50925	21:27:15	536	155	L on 27
"	7.6	B9	1.6 L	40	72016	22:03:10	134	523	

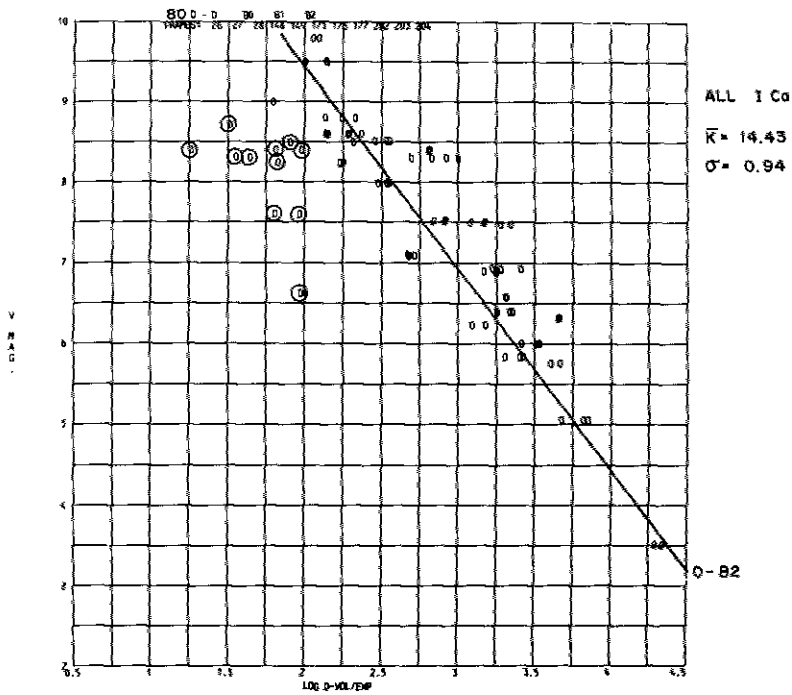
Table continues.

Table 5 — Deviant Density Volumes in the S201 Far-Ultraviolet Catalog (Concluded)

Frame	V Mag	Spec. Type	log D/E	Approx. D/E	SAO	R.A.	x	y	Remarks
				Cygnus (continued)					
28Ca	7.4	A2	2.85 H	790	50189	20:51:53	831	361	H on 27
"	8.5	A2	2.75 H	560	70837	21:01:24	733	501	H on 22
"	8.9	A3	2.2 H	160	51388	21:50:11	320	243	H on 26
				Aquarius					
150Li	5.2	A0	2.5 L	320	146635	23:16:29	291	764	
151Li	7.6	B3	3.65 H	4500	165651	23:19:21	255	779	H on 171, less H on 152,172
152Li	5.55	A2	1.85 L	74	146593	23:13:02	322	466	L on 172
171Li	8.4	B8	3.17 H	1480	165696	23:24:09	424	921	
"	7.6	B3	3.7 H	5000	165651	23:19:15	484	849	H on 151
172Li	8.4	B8	3.17 H	1500	165696	23:24:11	425	924	
"	7.6	A0	3.3 H	2000	165622	23:16:20	519	981	10r from EOF
"	5.55	A2	1.6 L	40	146593	23:12:58	549	534	L on 152
177Ca	6.3	B9	1.4 L	25	146273	22:41:01	953	686	
				Grus					
69Li	4.8	A2	1.65 L	45	231675	23:32:25	504	502	L on 72
"	4.85	A2	2.15 L	140	231707	23:34:59	465	366	
72Ca	4.8	A2	1.82 L	75	231675	23:32:15	449	501	L on 69
73Ca	7.15	B8	1.7 L	91	231947	00:06:17	569	29	30r from EOF
"	9.5	A5	2.1 H	118	231522	23:13:29	370	681	
93Ca	3.9	A3	1.15 L	14	215092	00:23:42	659	222	L on 94
94Ca	3.9	A3	1.50 L	32	215092	00:23:33	668	223	L on 93

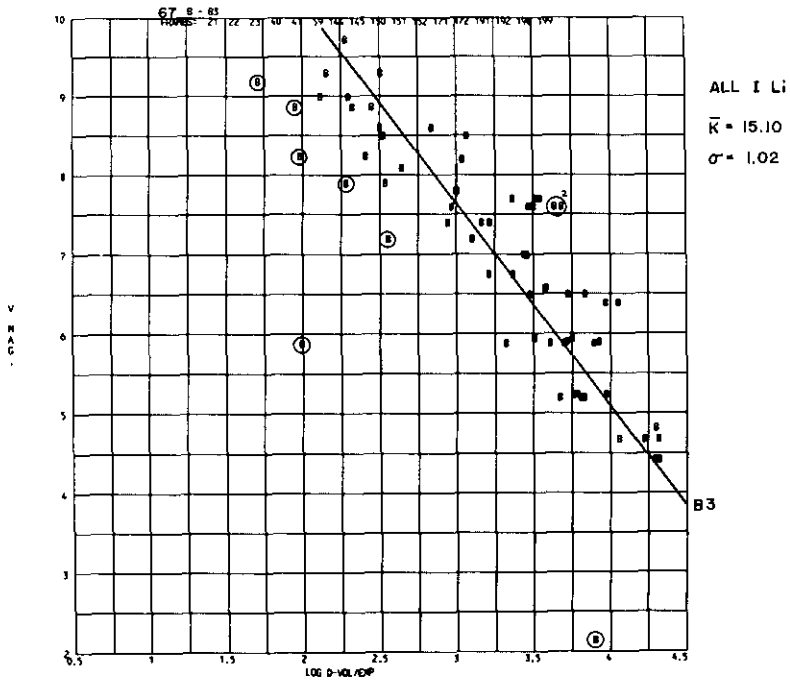


(a)

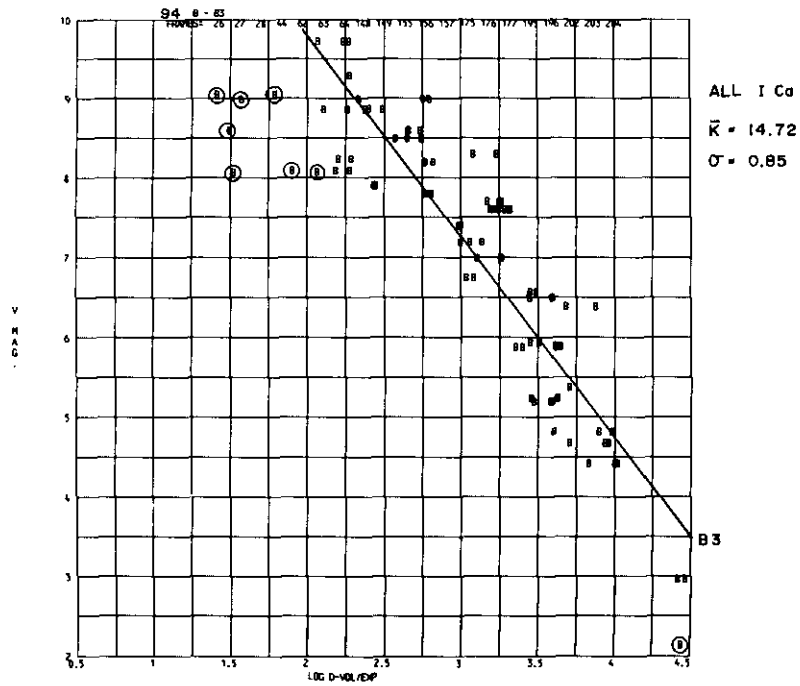


(b)

Fig. 16 — V magnitude as a function of log V/E, where E is the exposure in minutes, for SAO spectral types O, B0, B1, and B2. The solid line is the expected relationship V mag + 2.5 log $V/E = K$.

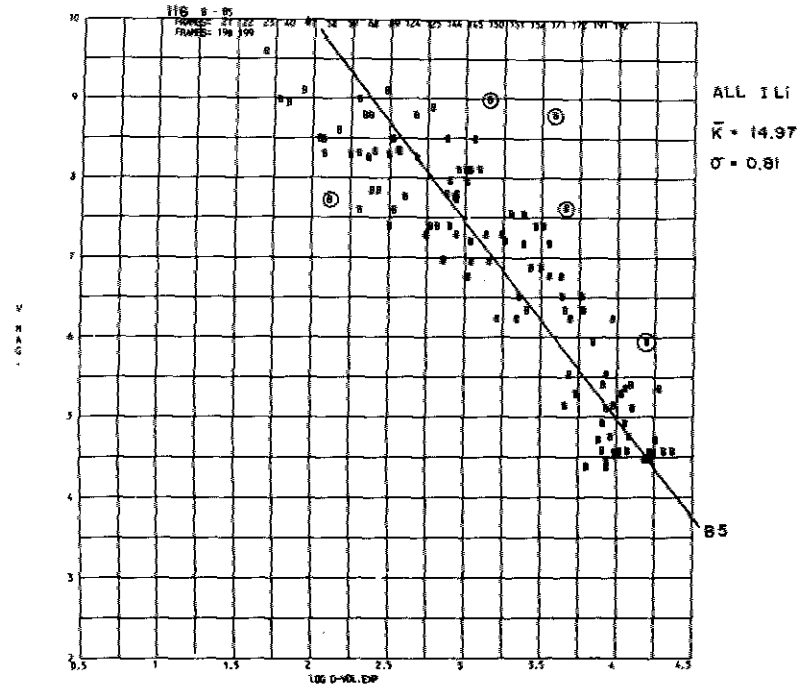


(a)

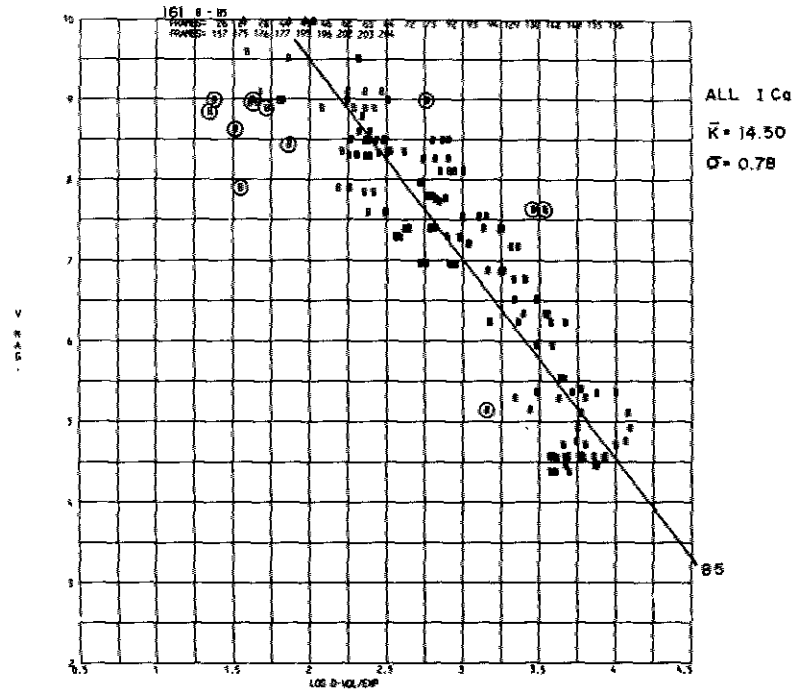


(b)

Fig. 17 — V magnitude as a function of log V/E for SAO spectral type B3

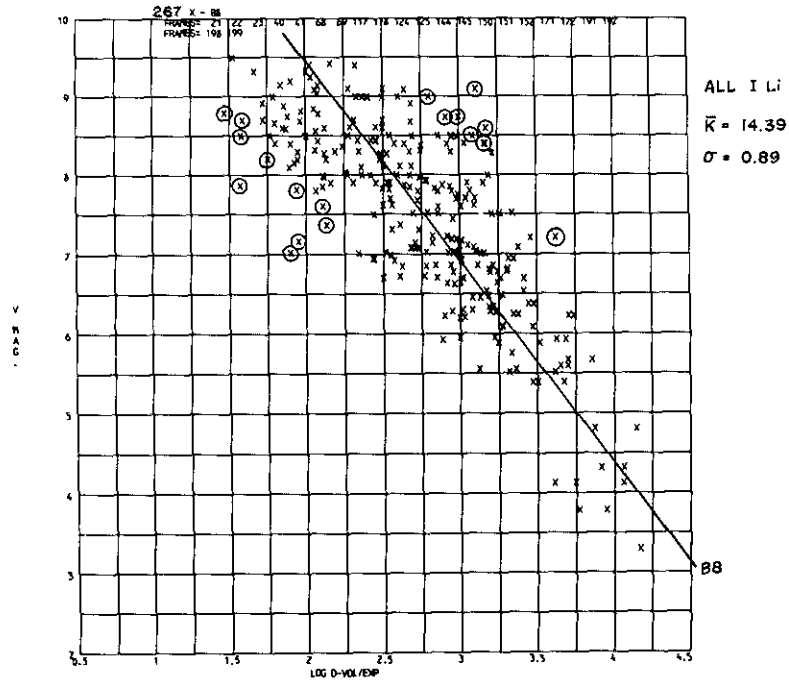


(a)

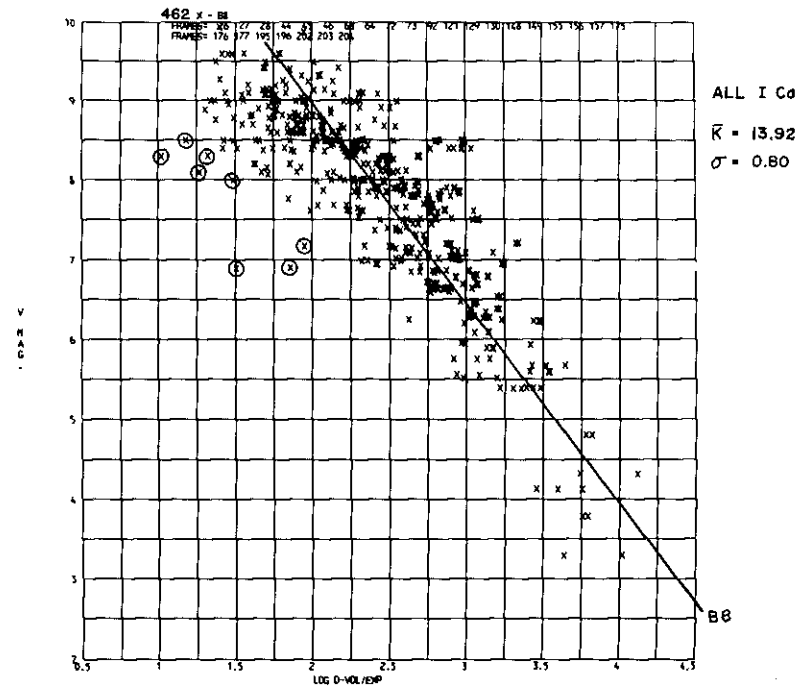


(b)

Fig. 18 — V magnitude as a function of log V/E for SAO spectral type B5

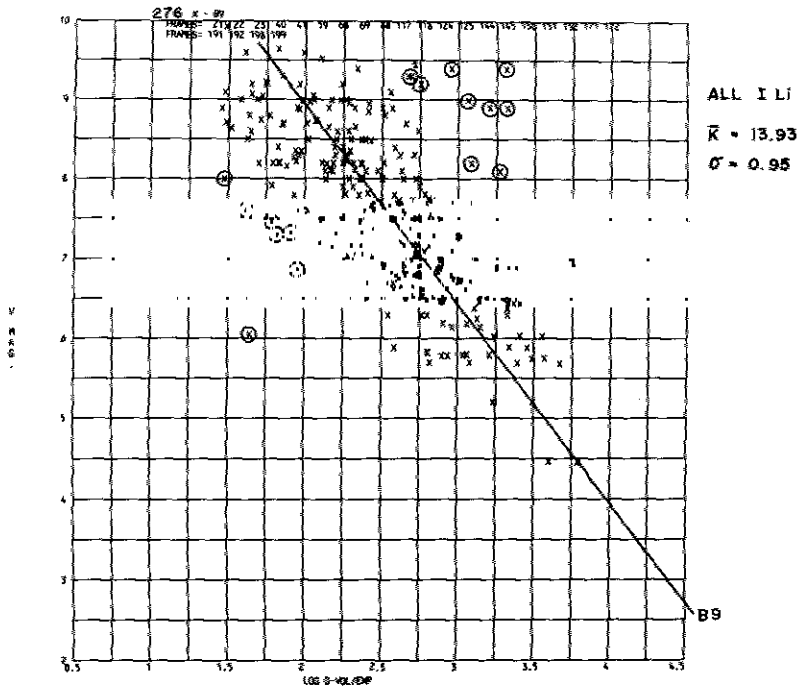


(a)

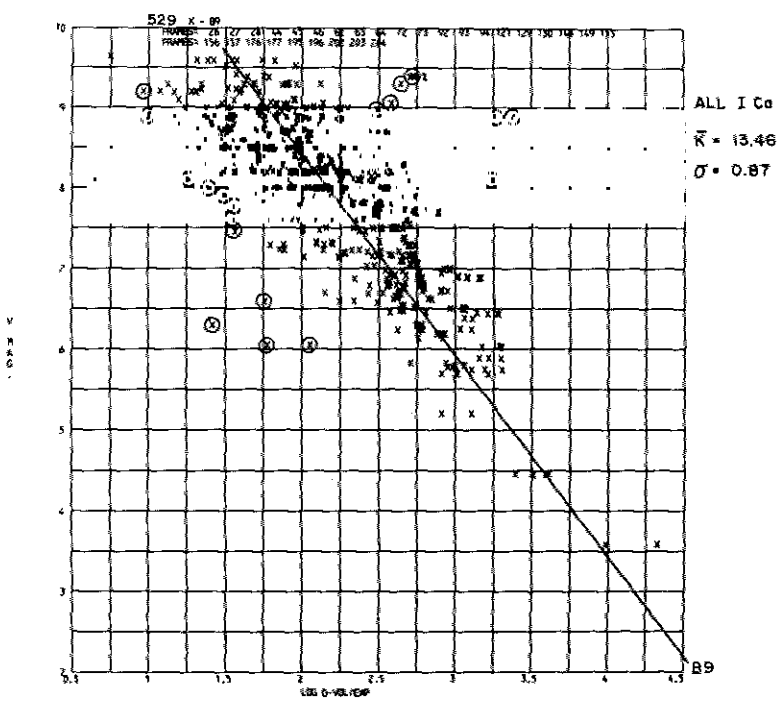


(b)

Fig. 19 — V magnitude as a function of log V/E for SAO spectral type B8

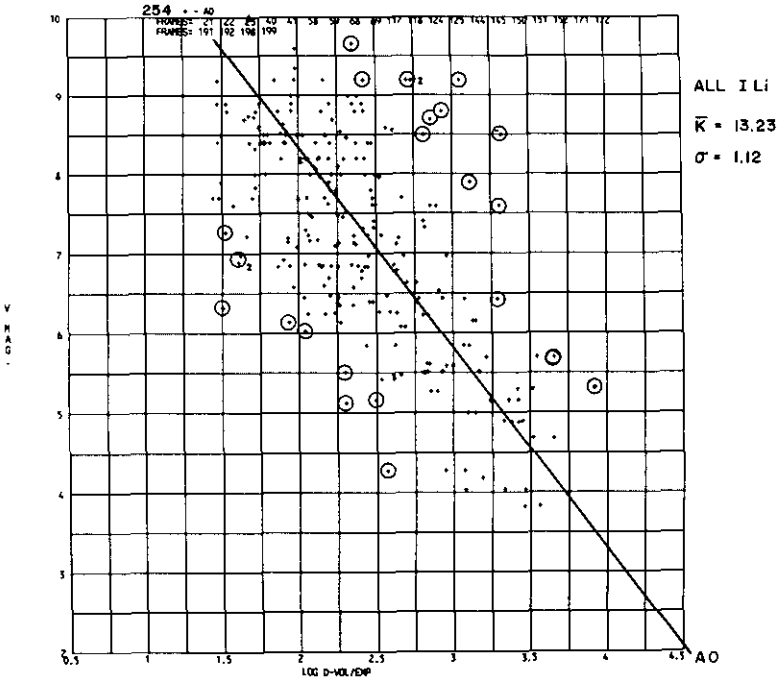


(a)

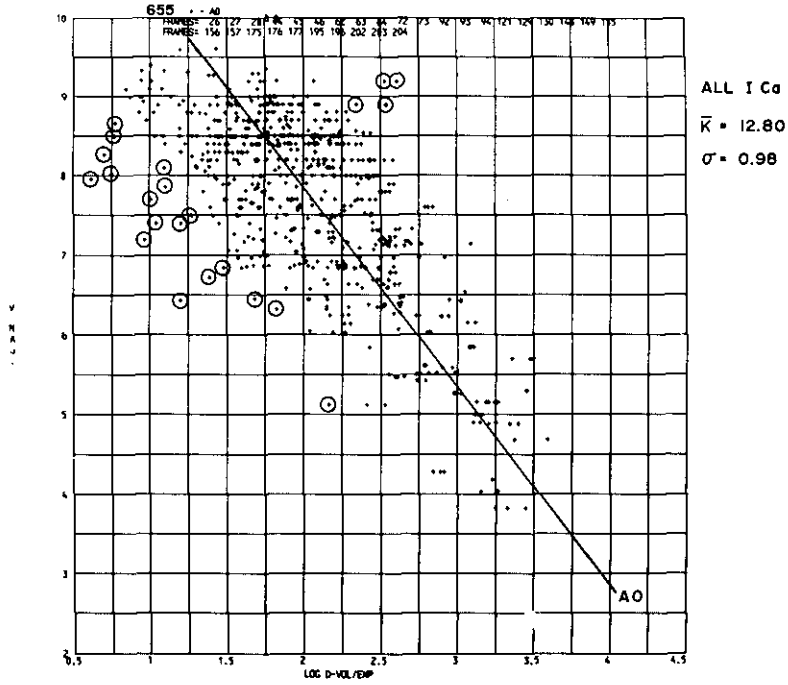


(b)

Fig. 20 — V magnitude as a function of log V/E for SAO spectral type B9

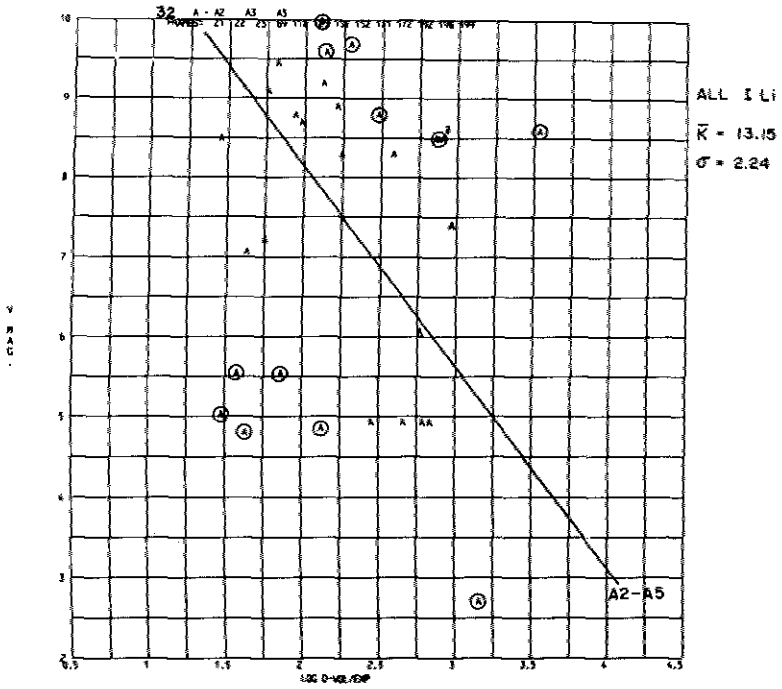


(a)

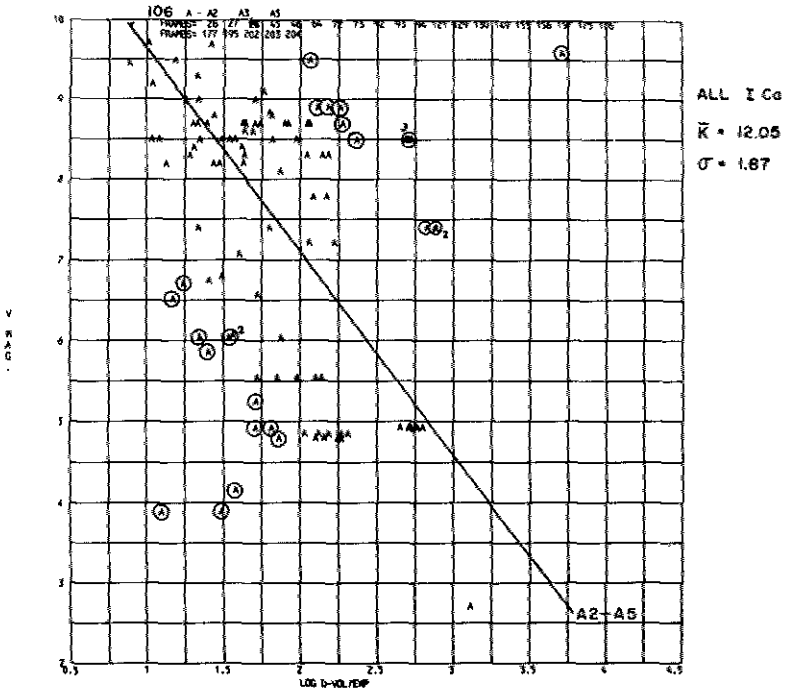


(b)

Fig. 21 — V magnitude as a function of log V/E for SAO spectral type A0



(a)



(b)

Fig. 22 — V magnitude as a function of log V/E for SAO spectral types A2, A3, and A5

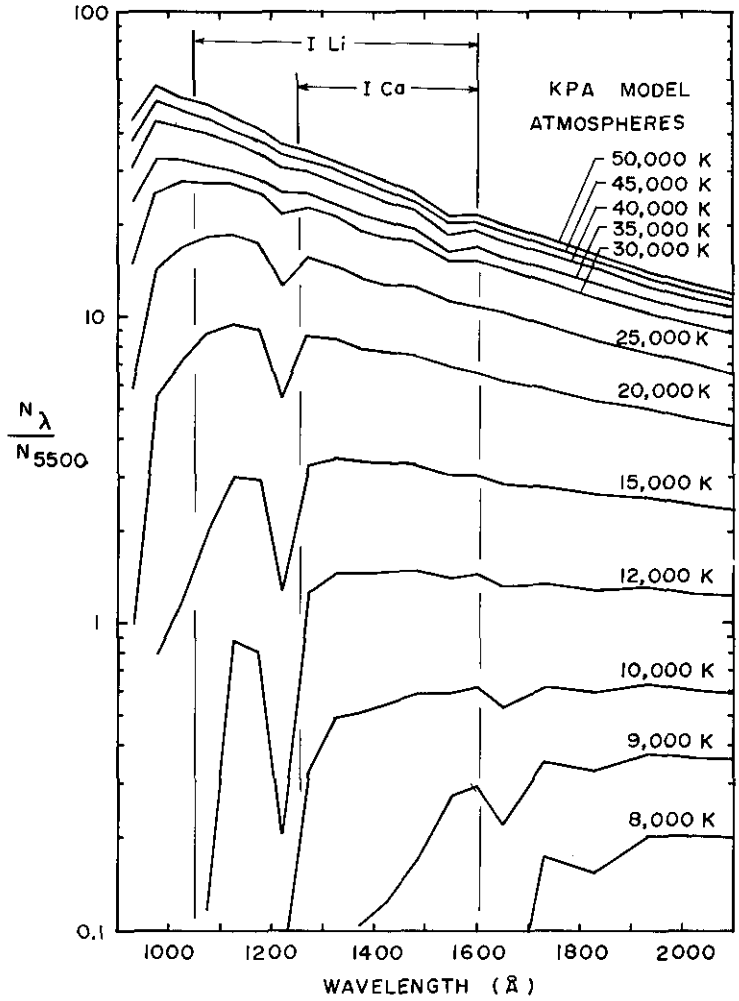


Fig. 23 — KPA model [13] predictions of photon flux vs wavelength, normalized to 5500 A

For the S201 camera at wavelength 1216 Å, preflight calibrations, confirmed by imagery of the hydrogen geocorona and the interplanetary Lyman-α background [2], yield a value b = 0.4D/photoelectron μm^2. Hence the theoretical density volume $V = 0.4n$, with area expressed in μm^2 and density as normally defined. However, with area expressed in number of pixels (33 μm square) and density in PDS units (100 × optical density),

$$V = 0.037n.$$

Thus a star image resulting from 1000 photoelectrons will yield a density volume $V = 37$.

Figure 23 shows plots of KPA model predictions of photon flux vs wavelength, normalized to the visual (5500 Å), where a star of visual magnitude 7.6 yields a flux of 1 photon/cm^2 s Å [15], and Fig. 24 shows the effects of varying degrees of interstellar reddening on the 20,000-K-model fluxes. Folding of these curves with the response functions in ILi and ICa modes (Fig. 3) yields the curves of density volume/exposure for a star

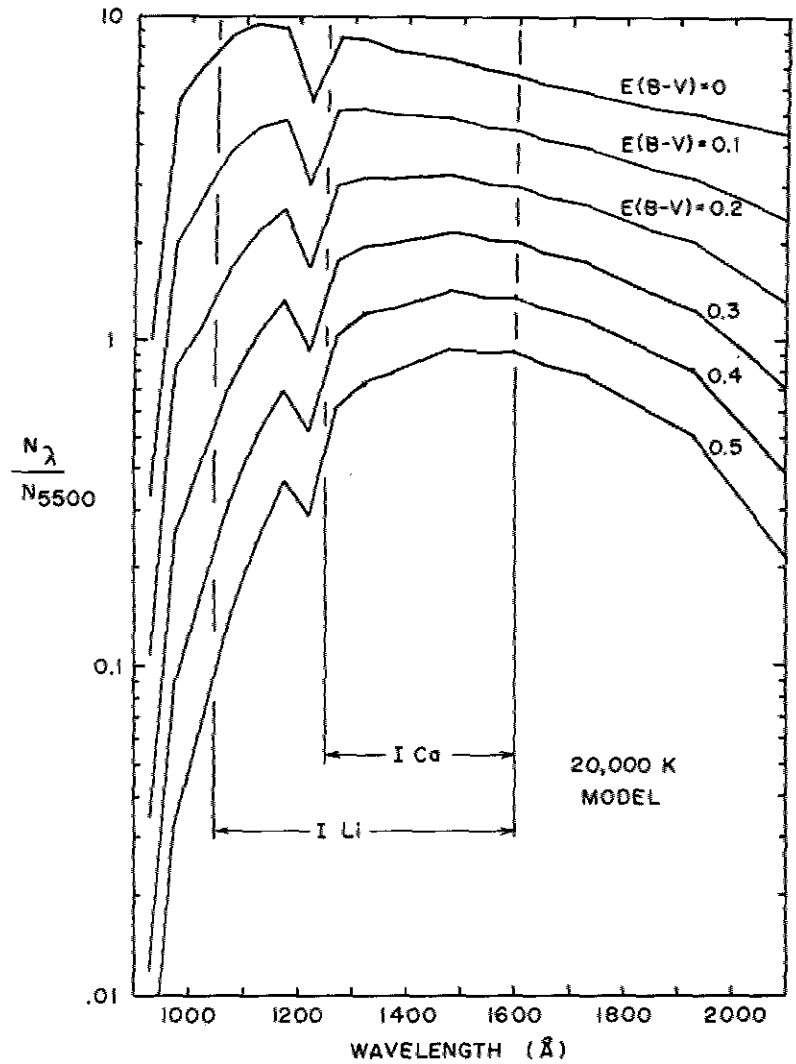


Fig. 24 — Effects of various degrees of interstellar reddening ("average" interstellar extinction law of Bless and Savage [14]) on the 20,000-K-model photon fluxes, normalized to 5500 Å

of visual magnitude 7.6 shown in Fig. 25, and the ratio ILi/ICa shown in Figs. 26 and 27. Figure 28 shows the computed stellar visual magnitude required to produce a density volume $V = 5131$ for the various ILi and ICa exposures in relation to the unreddened model effective temperature T_e. This "standard" density volume corresponds to a conical image with peak density $P = 100$ and a 7-raster diameter ($N = 38$ pixels) and is by no means the weakest measurable image. Density volumes of 80 with $P < 75$ and $N = 4$ are measured reliably, although the corrected density volume V_c equals 290 (Table 3). That is, images 17.7 times fainter than this "standard" have been detected, measured, and recorded in the catalog. However, Fig. 29 shows the actual fractions of SAO stars detected in two fields (Cygnus and Norma) plotted against visual magnitude for various spectral types. They are seen to be about 3 magnitudes brighter than expected. For O-B2 stars ($T_e \approx 20{,}000\ K$) half are detected at visual magnitude 9.5; for A0 stars ($T_e \approx 10{,}000$), 50% are detected at 7.8

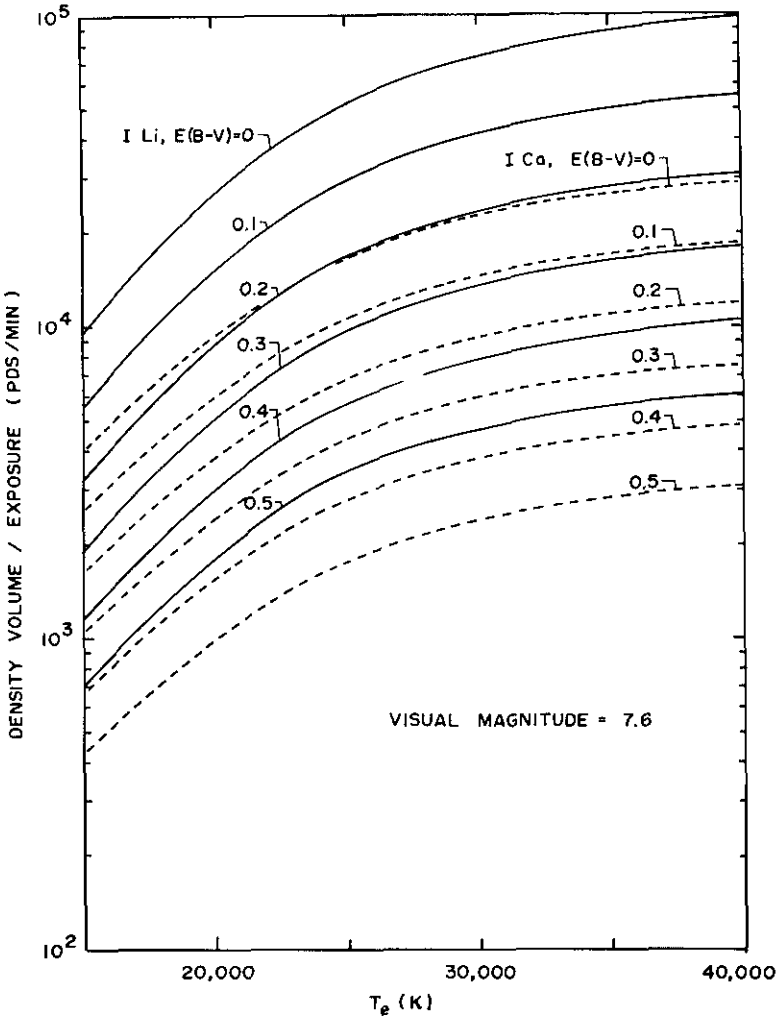


Fig. 25 — Ratio of density volume to exposure for a star of visual magnitude 7.6 as a function of effective temperature

mag. For A2-A5 stars the detection fraction is erratic. The other 50%-detection magnitudes are given in Table 6.

Figures 30 through 32 give the theoretical relationship between density volume and visual magnitude for various effective temperatures and interstellar reddenings. These plots may be directly compared with the plots of visual magnitude vs log V/E in Figs. 16 through 22. Unfortunately, as apparent from these figures, it is not practical to separate the effects of temperature and of interstellar extinction using the far-ultraviolet imagery data alone; the effect of extinction is nearly equivalent to a decrease in effective temperature in the wavelength range covered by the ILi and ICa exposures. Only if the near-visual reddening and/or effective temperature is known from ground-based measurements can the far-ultraviolet fluxes be used to provide independent estimates of temperature and far-ultraviolet extinction. Comparison of our far-ultraviolet data and ground-based data is difficult because of the incompleteness and/or doubtful accuracy of the available ground-based data (spectral classification and UBV photometry) for stars in the visual magnitude range fainter than 7.0.

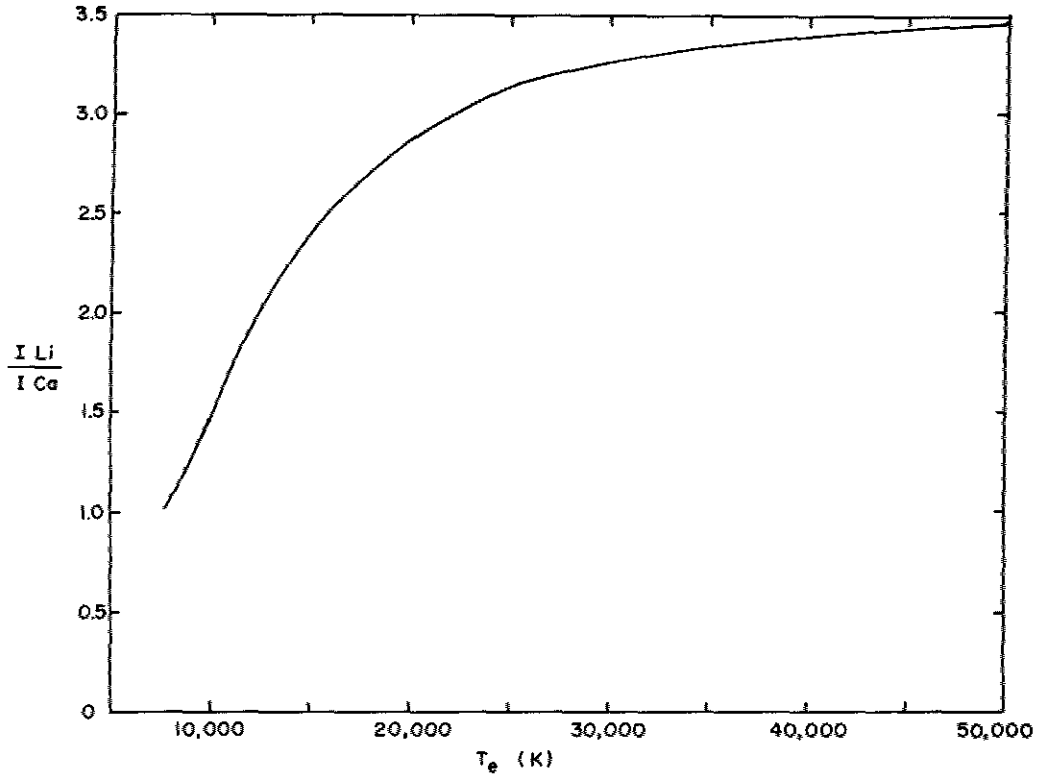


Fig. 26 — Ratio ILi/ICa as a function of effective temperature

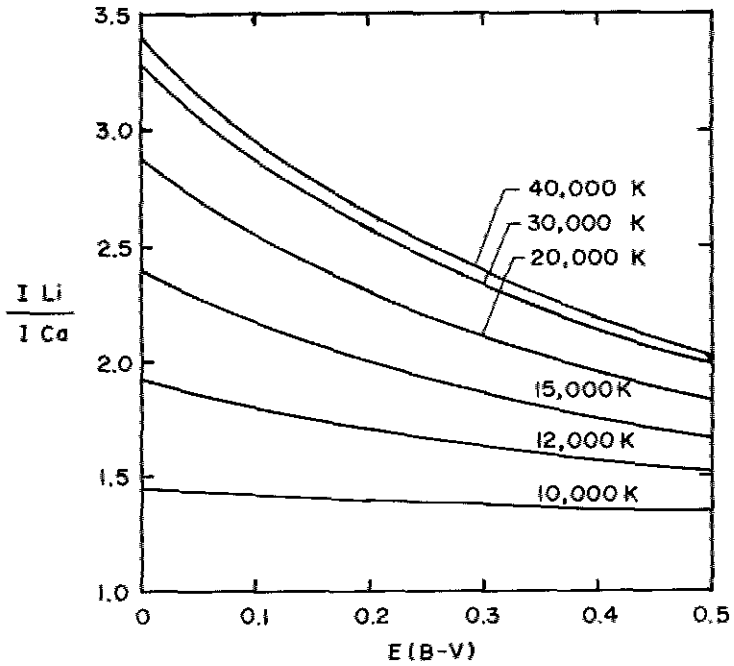


Fig. 27 — Ratio ILi/ICa as a function of interstellar reddening

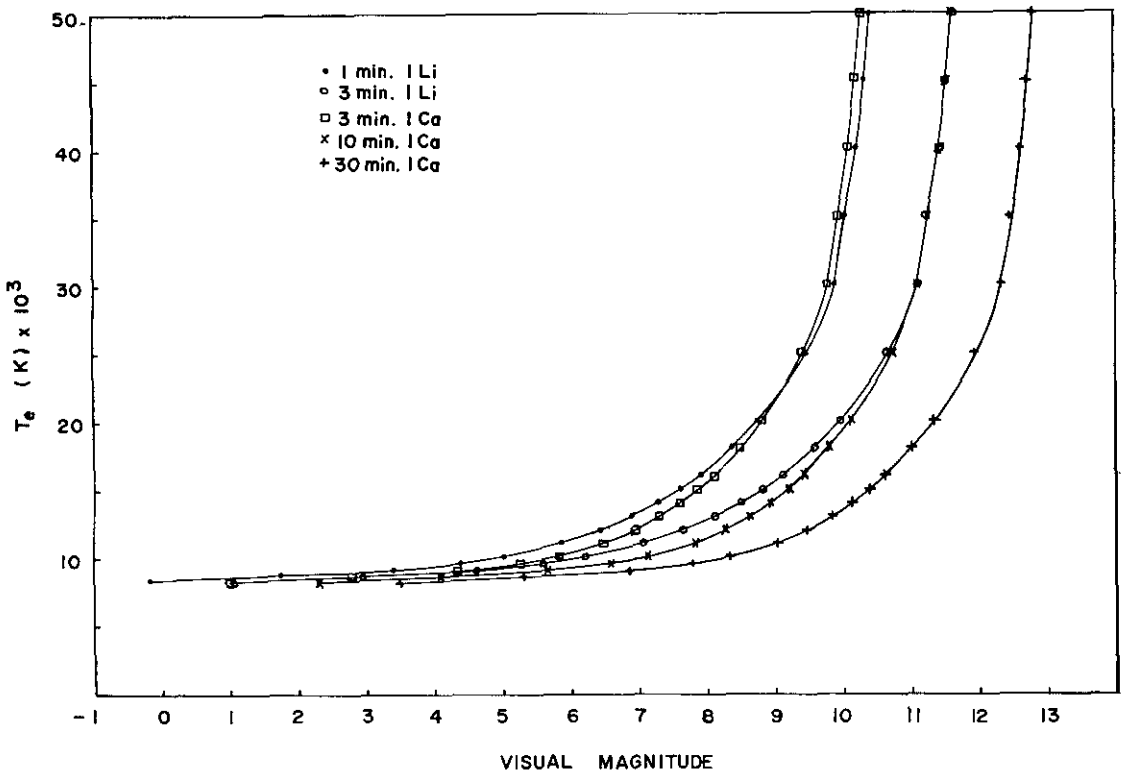


Fig. 28 — Computed stellar visual magnitude required to produce a density volume V = 5131 for various S201 exposures

THE CATALOG

The catalog is divided into 11 parts, each covering one field in the sky. Each part is headed by a constellation name and the field center coordinates α_0 and δ_0. Two parts cover the Sagittarius field: one headed SGR NORMAL and the other headed SGR OVER-EXP (high background densities). The first column gives the object number. The next two columns give the scan coordinates x and y for each image detected, and the next two give the celestial coordinates R.A. (α 1950) in hr:min:s and DEC (δ 1950) in deg:arc-min:arc-s. The errors in position are less than about 3 arc-min.

Column 6 gives the star number in the SAO catalog (Smithsonian Astrophysical Observatory, 1966) within 5 arc-min of the detected image. If this SAO number is followed by a slash (/), the star is one of a pair or group too close to be resolved by the S201 camera; if by a query (?), the image is between 5 and 8 arc-min from the SAO star listed (considered a doubtful identification); and if by a colon (:), the star is one of two within 5 arc-min but is considered the less likely identification.

Columns 7 and 8 give the differences (measured image position minus SAO catalog position) in right ascension (α) and declination (δ). Columns 9, 10, 11 give spectral type and visual and photographic magnitudes from the SAO catalog.

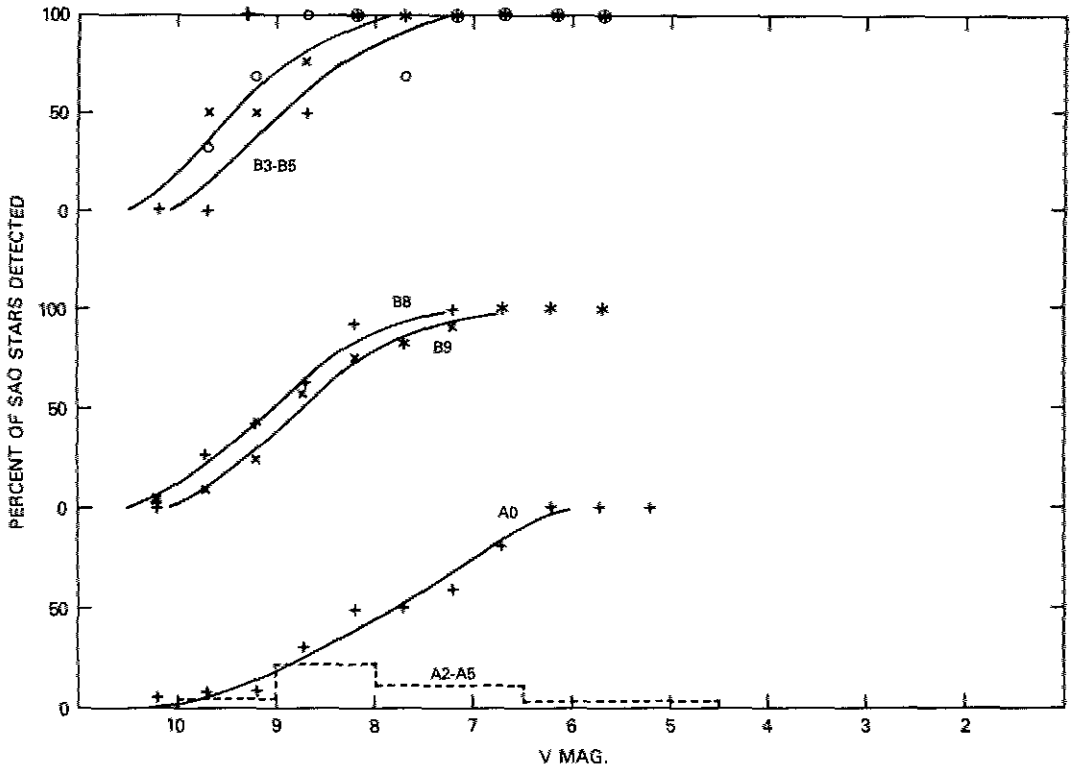


Fig. 29 — Percent of SAO stars detected in Cygnus and Norma as a function of visual magnitude

Table 6 — Visual Magnitudes for 50% Detection on 3-min ILi or 4-10-min ICa in Cygnus and Norma Fields

Spectral Type	Approx. T_e (K)	No. of SAO Stars	Vis. Mag. for Actual 50% Detection	Expected Unreddened Visual Magnitude for V = 80 on 10-min ICa
O-B2	20000	21	9.5	9.7 + 3.1 = 12.8
B3-B5	16000	60	9.0	9.2 + 3.1 = 12.3
B8	14000	179	9.0	8.8 + 3.1 = 11.9
B9	12000	286	8.7	8.0 + 3.1 = 11.1
A0	10000	661	7.8	6.6 + 3.1 = 9.7

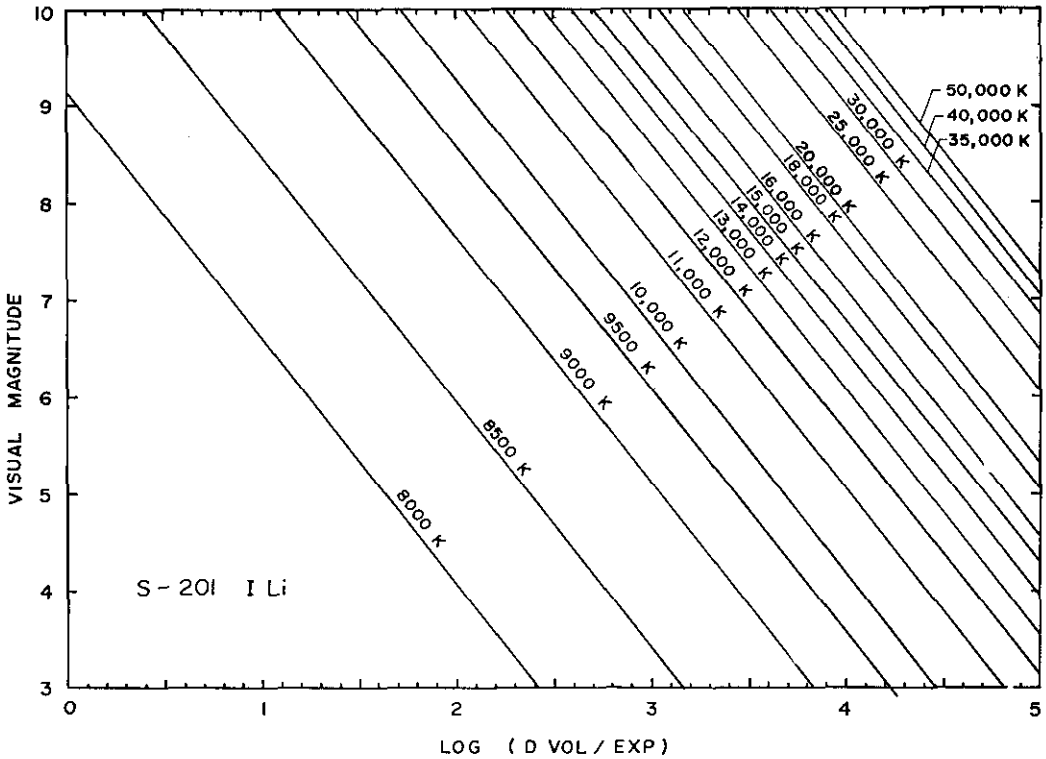


Fig. 30 — Theoretical ILi relationships between log V/E and visual magnitude for various effective temperatures

Columns 12 to 17 concern the far-ultraviolet photometry based on a PDS-microdensitometer scan of each frame. Column 12 gives the peak density in units of 0.01D. The coordinates of this peak (x, y) are those given in columns 2 and 3. The S201 electrographic camera was fairly linear up to peak densities of 300 (3.0D) but was increasingly saturated at higher densities up to 510 (5.1D), the largest measured by the Boller and Chivens PDS microdensitometer. Column 13 gives the number of pixels more than 20 (0.2D) higher than the local background (BG) listed in column 14. The background (BG) was determined by an average of five pixels outside the star image (except for three frames noted in Table 1, where a 10- or 20-pixel average was used). A query (?) following the BG entry means that the computer value has been modified by inspection of the scan, where nearby images confused the computer average. A query follows the number of pixels when a large BG change was made or when there were other reasons to doubt the computer count of points in the image.

Column 15 lists the density volume of the image—the sum of density minus BG for all pixels inside the image "boundary," which are pixels such that the density was 20 (0.2D) above BG. Images less than four pixels in extent have been omitted. Column 16 lists the exposure in minutes and the filter type (L for LiF and C for CaF_2). Column 17 gives the ratio of the density volume to the exposure for easy comparison between frames of different exposure times. This ratio is the best estimate of the object's far-ultraviolet flux, although it has not been corrected for truncation, etc. These are upward corrections. The

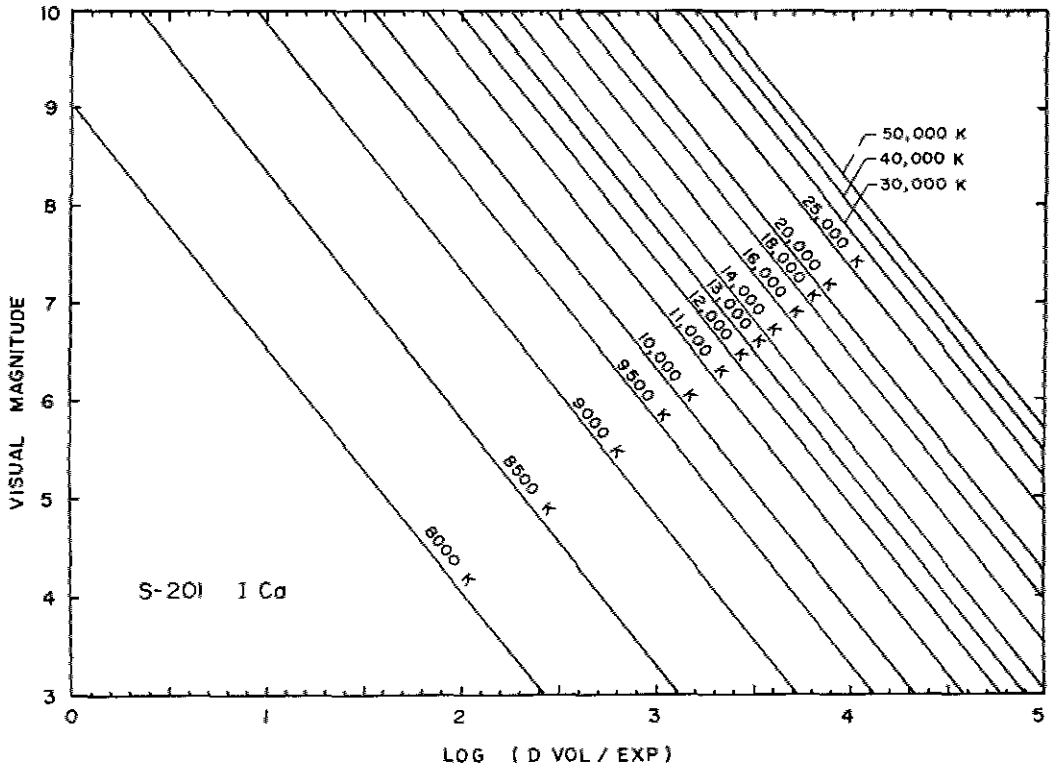


Fig. 31 — Theoretical ICa relationships for various effective temperatures

frame number from which these measurements were made is not listed but can be inferred from column 16 (EXP. & FILTER) and Table 1. For instance, in the Cygnus field, a 3.7-min exposure through CaF_2 is frame A28.

Symbols after the density-volume entries in column 15 have the following meanings: a query (?) means that the image was detected on one frame only (not confirmed by other frames covering the same field); an L means that the density volume is lower than expected from the spectral type and visual magnitude (columns 9 and 10), and H means that it is higher than expected. The H extries are therefore stars or associated nebulas with apparent far-ultraviolet excess; the NO entries are either nonstellar objects or stars too faint to have been included in the SAO catalog. These are all objects of special interest.

Table 2 is a list of the non-SAO (NO) objects in the S201 catalog, with some possible identifications in the RNGC [16]. The first two columns give the measured right ascension and declination converted to 1975 coordinates. The third column gives the frames on which each image was detected, and column 4 gives the measured ratio of density values and exposure, with separate values being listed for LiF-filter frames and CaF_2-filter frames. A blank in column 4 means no detection of an expected object (such as NGC1068 in the Cetus field). Column 5 gives the RNGC number of the possible identification (with queries following doubtful ones), and columns 6 and 7 give the RNGC 1975 coordinates. In extended nebulas, clusters, and galaxies, the S201 measured position (columns 1 and 2) might be affected by uneven far-ultraviolet flux distribution. Columns 8 and 9 give the magnitude and

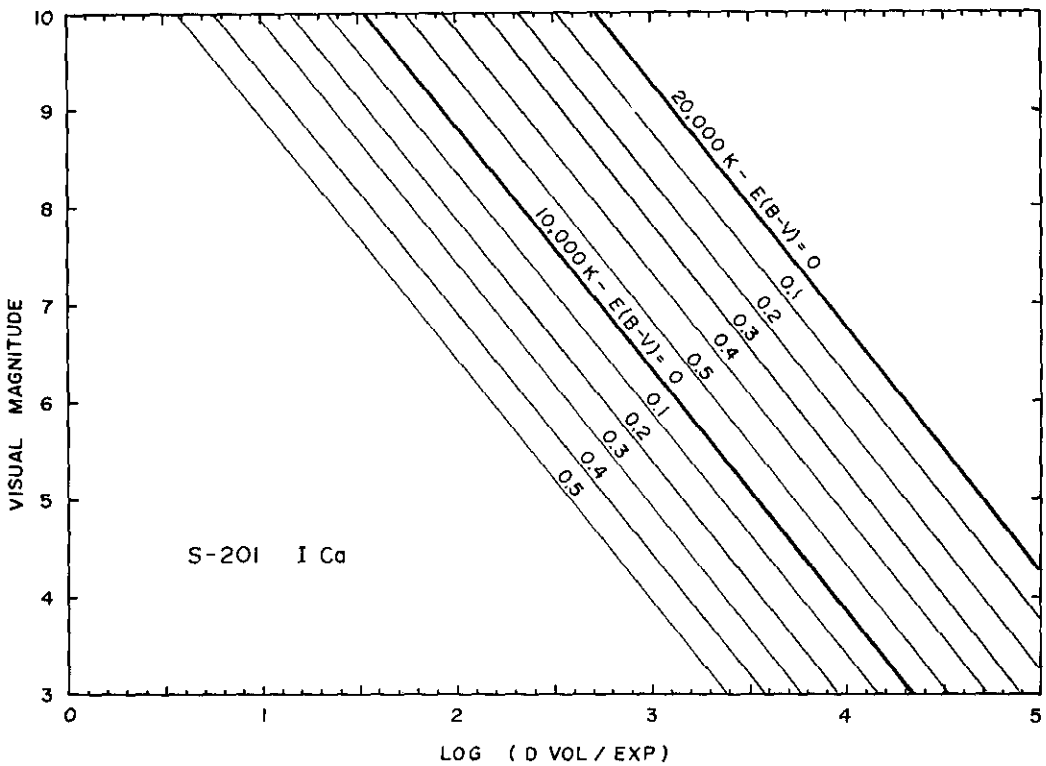


Fig. 32 — Theoretical ICa relationships for various instellar reddenings

type of the RNGC objects. In general, Table 2 omits objects in the Large Magellanic Cloud, which is the subject of another S201 study [10].

The S201 catalog is also available on a single reel of seven-track magnetic tape created by the Univac EXEC VIII system, Fortran formatted. Details are given in Appendix B.

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15. A.D. Code, "Stellar Energy Distribution," p. 50 in *Stellar Atmospheres*, J. L. Greenstein, editor, University of Chicago Press, 1960.

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Appendix A

STAR DETECTION Program for EXEC II

The basic source of star data in this catalog was the STAR DETECTION program. It was required to pick out star images from the many anomalies present in the PDS-microdensitometer scan data. These included overlapping frame fields, density variations due to streaks in the S201-camera barrier membrane (Figs. 2 and 12d), photocathode sensitivity deviations, dust on the film, and some emulsion flaking.

Each frame scan was a square matrix of 1024 by 1024 density pixels, which extended beyond the circular field of view of the camera, approximately 1000 pixels (rasters) in diameter. The STAR DETECTION program processes each scan line by first looking for the edge of the field of view, where there is usually a density step of 30 units or more (Figs. 4b, 5b, ..., 13b). If the edge of field was not discernible (step less than 10 units), the program applies a fail-safe test: all pixels within 475 rasters of the center of the scan matrix are considered to be within the field of view. The program then examines each pixel in the field of view to determine whether it exceeds a threshold value above local background.

Thus STAR DETECTION is based on the assumption that the density gradient in a star image exceeds the density gradients caused by normal variations in the background and exceeds other anomalies like streaks due to the barrier membrane. The threshold value is under the control of the user and has generally been set to 20 units (0.2D). At first a 10-unit value was used for ILi frames, but this complicated the truncation correction, so the threshold was set to 20 units (0.2D) for all star detection used in this catalog.

The local background is computed by the formula

$$B_i = \frac{(n-1)B_{i-1} + D_i}{n},$$

where B_i is the background density computed for the ith pixel, B_{i-1} is the background density computed for the previous, $(i-1)$th, pixel, n is a number specified by the user (usually n was set to 5, that is, BG in Table 1 is an average of five pixels), and D_i is the density of the ith pixel. If there is a step change in background density, this formula halves the error in the computed background B_i every n pixels. To keep the edge of a star image from affecting the background calculation, the pixel being tested for exceeding the threshold is always five pixels ahead of the pixel used in the background calculation. That is, B_i is applied to the $(i+5)$th pixel. Provisions were made for handling star images near or on the edge of the field by using stored densities from previous scan lines to calculate B_i.

Once a star edge has been detected, a record is kept of the sum of densities along the scan line which are greater than background plus threshold, the peak density value, the coordinates of the peak, and the background density B. The records of star images along two adjacent scan lines are maintained continuously. At the end of each scan line, the two lines are compared, and the densities are combined for each image that shows on both lines. If the peak density has increased from the previous line to the current line, the results

are brought forward to the current line. If the peak density has decreased, the results are placed in an output buffer and its location added to the current line so that additional data from succeeding lines can still be added. After the last scan line that detects the image edge, the data from the output buffer is listed, plotted, and placed on magnetic tape for further processing by the COORDINATE TRANSFORMATION program.

One problem was the effect of "noise" in the microdensitometer scans—localized high densities ("hot spots") within a star image. These hot spots would cause one large image to be recorded as several smaller images, which thwarted attempts to separate close, "double-star" images. These adverse effects of hot spots were reduced by preprocessing the scan data with the SMOOTH program. In addition the STAR DETECTION program was modified to automatically combine two peaks 3 rasters apart and to establish a "sphere of influence" of an image by measuring the diameter of the image (assumed to be circular) on the scan line through the peak. Other peaks within half this diameter from the first peak were combined with it unless the minimum density between them differed from the average peak density by more than a value specified by the user (usually 100 units). This modification may have helped resolve a few pairs of close images in the catalog.

Appendix B

S201 Catalog Tape

The S201 catalog of far-ultraviolet objects is available on a seven-track 800-bit-per-inch odd-parity tape. The tape was written on a Univac 1110 computer under the EXEC VIII operating system using Fortran-formatted write statements. Thus the file structure is of the Univac SDF sequential formatted record type. A more detailed description of this format can be found in the Sperry Univac 1100 Series Fortran V Library Programmer Reference (UP-7876).

There are 11 data files on the tape, and each data file is terminated by a software end-of-file mark and a hardware end-of-file mark. The data are in the field-data character set (see Univac 1100 Operating System UP-4144 Rev. 3, Appendix D) of 132 characters (22 words) per data line. The first data line of each file is a header line containing an alphanumeric description of the target field. Each succeeding line consists of 132 characters, the meanings of which are given in Table B1.

A listing of a Fortran program to extract the data is given in Table B2.

Table B1 — Meanings of Characters in Each Data Line

Characters	Meaning (digits right-justified)
1- 6	Object number
7- 12	x raster coordinate
13- 18	y raster coordinate
19- 23	Hours of right ascension (R.A.)
24	Separator (:)
25- 26	Minutes of R.A.
27	Separator (:)
28- 29	Seconds of R.A.
30- 34	Degrees of declination (DEC.)
35	Separator (:)
36- 37	Arc-minutes of DEC.
38	Separator (:)
39- 40	Arc-seconds of DEC.
41- 43	Blank
44- 49	SAO star number, or NO, or blank
50	Query (?) or colon (:) or slash (/) or blank
51- 55	Minutes in deviation of R.A. from SAO star
56	Separator (:)
57- 58	Seconds in deviation of R.A. from SAO star
59- 63	Arc-minutes in deviation of DEC. from SAO star
64	Separator (:)
65- 66	Arc-seconds in deviation of DEC. from SAO star
67- 69	Blank
70- 71	Spectral type of SAO star
72- 78	Visual magnitude of SAO star
79- 85	Photographic magnitude of SAO star (zeros = unknown)
86- 91	Peak density of the image
92- 99	Total number of points in the image
100	Query or blank
101-105	Local background density
106	Query or blank
107-114	Density volume of image
115	Query or blank
116	H or L or blank
117-121	Exposure time rounded off to tenths of minutes
122	Filter type (L or C)
123-132	Density volume divided by exposure time*

*For an image near the edge of the field, the letters ED replace the numerals for hundredths and thousandths (characters 131 and 132).

Table B2 — Fortran Program to Extract Data From S201 Catalog Tape

```
      DIMENSION HEAD(22)
      DO 20 IFILE=1,11
       READ (1,2000,END=5) HEAD
 2000  FORMAT (22A6)
       GO TO 15
    5 WRITE (6,1111)
 1111  FORMAT (1H1,'SECOND END OF FILE HAS BEEN READ')
       READ (1,2000,END=20) HEAD
   15 WRITE (6,1000) HEAD
 1000  FORMAT (1H1,21A6,A5)
   10 READ (1,2005,END=20,ERR=17) LINEN,IX,IY,IRAH,IRAM,IRAS,IDECD,
     $ IDECM,IDECS,NSAO,Q1,JRAH,JRAM,JDECD,JDECM,SPECT,VMAG,PMAG,
     $ IPEAKD,NPOINT,Q2,IBG,Q3,IDVOL,Q4,Q5,EXP,FTYPE,DVSEX
 2005 FORMAT (3I6,2(I5,1X,I2,1X,I2),3X,A6,A1,2(I5,1X,I2),
     $ 3X,A2,2F7.2,I6,I8,A1,I5,A1,I8,2A1,F5.1,A1,F10.3)
C
C                          START OF USER AREA
C
      GO TO 18
   17 WRITE (6,1010)
 1010 FORMAT (1HO,'ERROR IN READING DATA')
   18 WRITE (6,2005) LINEN,IX,IY,IRAH,IRAM,IRAS,IDECD,IDECM,
     $ IDECS,NSAO,Q1,JRAH,JRAM,JDECD,JDECM,SPECT,VMAG,PMAG,
     $ IPEAKD,NPOINT,Q2,IBG,Q3,IDVOL,Q4,Q5,EXP,FTYPE,DVSEX
C
C                          END OF USER AREA
C
      GO TO 10
   20 CONTINUE
   30 STOP
      END
```

CYGNUS RA 21:24 DEC +37:30

OBJECT NO.	X	Y	R.A.	DEC.	SAO NO.	Δ R.A.	Δ DEC.	SPEC. TYPE	V MAG.	P MAG.	PEAK DEN.	NO. OF POINTS	BG	DENSITY VOLUME	EXP.& FILTER	DEN.VOL/ EXP.
1	981	445	20:35:23	39:15:31	70291	-0: 8	-3:37	A2	8.60	8.90	54	37	26	873 H	.2L	3492.00
2	990	468	20:35:26	38:45:18	70276	0: 7	-1:29	A0	8.70	8.70	38	8	16	168	3.7C	45.405
3	977	631	20:36:18	35:22:18	70314	0: 3	-5:16	A2	8.40	8.20	50	8	20	207	10.0C	20.700
4	974	801	20:36:44	32:13:17	70303	0:57	-0:29		9.00	9.10	62	9	17	273	3.7C	73.784
5	908	381	20:37:25	40:26:21	49899/	-0:18	2:15	B8	5.93	.00	266	110	16	9929 H	3.0C	3309.667
6	908	381	20:37:25	40:26:21	49902/	-0:24	1:50		8.90	8.90	266	110	16	9929 H	3.0C	3309.667
7	959	388	20:37:36	40:25:58	49899	-0: 8	1:52	B8	5.93	.00	50	9	26	196 L	.2L	784.000
8	959	388	20:37:36	40:25:58	49902?	-0:13	1:27		8.90	8.90	50	9	26	196	.2L	784.000
9	967	383	20:37:40	40:26:43	49899	-0: 4	2:37	B8	5.93	.00	180	90	61	4949	1.0L	4949.000
10	967	383	20:37:40	40:26:43	49902?	-0: 9	2:12		8.90	8.90	180	90	61	4949	1.0L	4949.000
11	965	378	20:37:41	40:26:41	49899	-0: 3	2:35	B8	5.93	.00	430	203	21	26633	10.0C	2663.300
12	965	378	20:37:41	40:26:41	49902?	-0: 8	2:10		8.90	8.90	430	203	21	26633	10.0C	2663.300
13	962	386	20:37:44	40:26:56	49899	0: 1	2:50	B8	5.93	.00	382	138	129	12952	3.0L	4317.333
14	962	386	20:37:44	40:26:56	49902?	-0: 5	2:25		8.90	8.90	382	138	129	12952	3.0L	4317.333
15	967	386	20:37:45	40:25:45	49899/	0: 2	1:39	B8	5.93	.00	307	130	18	12758 L	3.7C	3448.108
16	967	386	20:37:45	40:25:45	49902/	-0: 4	1:14		8.90	8.90	307	130	18	12758	3.7C	3448.108
17	896	350	20:38:39	41: 4:12	49929	-0:25	2:47	B9	6.92	.00	67	35	15	1171	3.0C	390.333
18	893	457	20:38:53	38:53: 4	70367	-0:15	-1: 9	B9	6.44	.00	193	83	15	5822 H	3.0C	1940.667
19	953	347	20:38:54	41: 4:28	49929	-0:10	3: 3	B9	6.92	.00	164	77	21	4915	10.0C	491.500
20	955	354	20:38:58	41: 4:45	49929	-0: 6	3:20	B9	6.92	.00	80	42	18	1554	3.7C	420.000
21	950	354	20:38:59	41: 5:50	49929	-0: 5	4:25	B9	6.92	.00	172	33	129	999	3.0L	333.000
22	954	505	20:39: 5	38: 1:33							52	4	16	111?	3.7C	30.000
23	952	461	20:39:12	38:53:59	70367	0: 4	-0:14	B9	6.44	.00	225	94	18	7275	3.7C	1966.216
24	946	462	20:39:14	38:53:47	70367	0: 6	-0:26	B9	6.44	.00	309	97	133	7191 H	3.0L	2397.000
25	949	454	20:39:15	38:53:45	70367	0: 7	-0:27	B9	6.44	.00	397	143	21	16791 H	10.0C	1679.100
26	950	459	20:39:18	38:53:41	70367	0:10	-0:31	B9	6.44	.00	144	59	60	2615 H	1.0L	2615.000
27	886	628	20:39:26	35:28: 2	70380	-0:11	-5: 5	B9	8.30	8.00	76	32	21	1108 H	3.0C	369.333
28	942	827	20:39:30	31:34:52	70372?	0:11	-6:34		9.10	9.40	53	5	17	150	10.0C	15.000
29	942	827	20:39:30	31:34:52	70375	0: 1	-3: 8		9.20	9.40	53	5	17	150	10.0C	15.000
30	943	609	20:39:35	35:47:57	70390?	-0:17	5:27		9.20	9.80	54	5	21	132	10.0C	13.200
31	943	625	20:39:37	35:29:16	70380	-0: 0	-3:51	B9	8.30	8.00	180	73	30	4840 H	10.0C	484.000
32	945	632	20:39:38	35:29:33	70380	0: 1	-3:34	B9	8.30	8.00	91	43	22	1721 H	3.7C	465.135
33	937	632	20:39:44	35:30:30	70380	0: 7	-2:37	B9	8.30	8.00	192	38	137	1281 H	3.0L	427.000
34	886	324	20:39:49	41:35:45	49946	-0:19	3:31	B8	5.60	.00	292	113	16	10874 H	3.0C	3624.667
35	938	331	20:39:53	41:35: 4	49946?	-0:15	2:51	B8	5.60	.00	61	17	24	483	.2L	1932.000
36	941	329	20:39:56	41:35:54	49946	-0:12	3:40	B8	5.60	.00	395	137	128	13855	3.0L	4618.333
37	946	328	20:40: 1	41:36:10	49946	-0: 7	3:57	B8	5.60	.00	340	126	19	13150	3.7C	3554.054
38	943	321	20:40: 2	41:35:57	49946	-0: 6	3:44	B8	5.60	.00	436	189	24	26824	10.0C	2682.400
39	945	326	20:40: 4	41:35:49	49946	-0: 4	3:35	B8	5.60	.00	194	90	63	5155	1.0L	5155.000
40	878	642	20:40:10	35:10:39	70400?	-0: 3	-4:48		9.10	9.60	322	118	17	11944	3.0C	3981.333
41	878	642	20:40:10	35:10:39	70406	-0:15	-5:55	B3	6.50	.00	322	118	17	11944	3.0C	3981.333
42	935	639	20:40:21	35:13:11	70400?	0: 8	-2:15		9.10	9.60	433	202	24	28306	10.0C	2830.600
43	935	639	20:40:21	35:13:11	70406	-0: 4	-3:23	B3	6.50	.00	433	202	24	28306	10.0C	2830.600
44	929	646	20:40:27	35:14:20	70400?	0:14	-1: 7		9.10	9.60	419	151	133	16267	3.0L	5422.333
45	929	646	20:40:27	35:14:20	70406	0: 2	-2:14	B3	6.50	.00	419	151	133	16267	3.0L	5422.333
46	936	646	20:40:27	35:13:28	70400?	0:15	-1:59		9.10	9.60	364	137	20	14836	3.7C	4009.730
47	936	646	20:40:27	35:13:28	70406	0: 3	-3: 6	B3	6.50	.00	364	137	20	14836	3.7C	4009.730
48	934	643	20:40:28	35:14:19	70406	0: 3	-2:15	B3	6.50	.00	233	104	62	7068	1.0L	7068.000
49	926	648	20:40:31	35:13:27	70406	0: 6	-3: 6	B3	6.50	.00	62	28	26	768	.2L	3072.000
50	931	591	20:40:46	36: 9:21	70410	0: 1	-2:40	B2	8.40	8.30	48	8	22	187 L	10.0C	18.700
51	921	654	20:41: 1	35: 6: 0	70421?	-0:19	5:49		8.80	9.10	48	5	26	106	.2L	424.000
52	868	725	20:41: 5	33:33:27	70417/	-0: 9	-5:34	A0	8.00	7.60	92	62	15	2610 H	3.0C	870.000
53	868	725	20:41: 5	33:33:27	70422/	-0:19	-7:48	A0	7.80	7.30	92	62	15	2610 H	3.0C	870.000
54	869	626	20:41: 9	35:29:31	70416?	0: 2	-5:28	A0	8.40	8.60	44	11	16	264	3.0C	88.000
55	869	626	20:41: 9	35:29:31	70420	-0:11	-4: 7	A0	8.10	7.90	44	11	16	264	3.0C	88.000
56	928	630	20:41:14	35:32:14	70416/	0: 7	-2:45	A0	8.40	8.60	53	19	18	516	3.7C	139.459
57	928	630	20:41:14	35:32:14	70420/	-0: 6	-1:24	A0	8.10	7.90	53	19	18	516	3.7C	139.459
58	919	729	20:41:18	33:37:16	70417/	0: 3	-1:45	A0	8.00	7.60	202	58	129	2421 H	3.0L	807.000
59	919	729	20:41:18	33:37:16	70422/	-0: 5	-3:59	A0	7.80	7.30	202	58	129	2421 H	3.0L	807.000
60	925	623	20:41:19	35:32: 1	70416/	0:12	-2:58	A0	8.40	8.60	99	55	21	2413 H	10.0C	241.300
61	925	623	20:41:19	35:32: 1	70420/	-0: 1	-1:38	A0	8.10	7.90	99	55	21	2413 H	10.0C	241.300
62	924	727	20:41:21	33:36: 5	70417	0: 6	-2:57	A0	8.00	7.60	86	14	60	324	1.0L	324.000
63	924	727	20:41:21	33:36: 5	70422?	-0: 3	-5:11	A0	7.80	7.30	86	14	60	324	1.0L	324.000
64	929	376	20:41:21	40:29: 7	49974?	0: 3	-7:24	A2	8.00	8.20	74	35	19	1228	10.0C	122.800
65	929	376	20:41:21	40:29: 7	49977	-0: 0	2:14	A0	8.30	8.30	74	35	19	1228	10.0C	122.800
66	924	722	20:41:22	33:36:15	70417?	0: 8	-2:46	A0	8.00	7.60	216	123	21	9333 H	10.0C	933.300
67	924	722	20:41:22	33:36:15	70422?	-0: 1	-5: 0	A0	7.80	7.30	216	123	21	9333 H	10.0C	933.300
68	926	729	20:41:22	33:36:32	70417/	0: 8	-2:30	A0	8.00	7.60	107	73	17	3437 H	3.7C	928.919
69	926	729	20:41:22	33:36:32	70422/	-0: 1	-4:43	A0	7.80	7.30	107	73	17	3437 H	3.7C	928.919
70	863	624	20:41:40	35:32: 4	70420?	0:19	-1:34	A0	8.10	7.90	49	4	17	114	3.0C	38.000
71	863	624	20:41:40	35:32: 4	70425?	0: 2	7:22		8.90	9.50	49	4	17	114	3.0C	38.000
72	919	710	20:41:51	33:49:57	70422?	0:27	8:42	A0	7.80	7.30	79	47	24	1541	10.0C	154.100
73	919	710	20:41:51	33:49:57	70432	-0: 2	-3:25	A0	8.50	7.70	79	47	24	1541 H	10.0C	154.100
74	921	717	20:41:51	33:50:12	70432	-0: 2	-3:10	A0	8.50	7.70	41	6	18	127	3.7C	34.324
75	925	315	20:41:54	41:42:44	49999	-0: 7	3: 6	A	7.70	8.40	58	23	21	644	10.0C	64.400
76	862	439	20:42: 3	39:15: 2							48	9	13	253?	3.0C	84.333
77	911	233	20:43:48	43:22:34	50028	0: 4	-4:34		8.90	9.30	53	18	22	463	10.0C	46.300
78	911	233	20:43:48	43:22:34	50034?	-0:10	6:52		8.60	8.40	53	18	22	463	10.0C	46.300
79	905	333	20:44:12	41:29:42							47	5	15	142?	3.7C	38.378
80	895	632	20:44:16	35:19:45	70482?	-0:31	-7: 2		9.00	9.40	84	33	22	1270 H	10.0C	127.000
81	897	640	20:44:17	35:19:54	70482?	-0:30	-6:53		9.00	9.40	45	10	17	243	3.7C	65.676
82	830	799	20:44:36	32: 6:21	70480	-0:10	-7:48	B9	7.20	7.10	50	22	17	579	3.0C	193.000
83	889	803	20:44:40	32: 9:36	70480	-0: 5	-4:33	B9	7.20	7.10	82	26	22	730 L	3.7C	197.297
84	887	795	20:44:41	32:10:37	70480	-0: 5	-3:32	B9	7.20	7.10	115	68	21	3364	10.0C	336.400
85	891	534	20:44:43	37:16: 1	70484	-0: 6	-1: 6	A0	8.90	8.80	53	11	21	284	10.0C	28.400
86	880	803	20:44:44	32: 9:58	70480	-0: 1	-4:11	B9	7.20	7.10	159	15	129	385 L	3.0L	128.333
87	888	692	20:44:55	34: 9:54	70483	0: 7	-1:27	A5	9.00	8.90	46	8	20	186	10.0C	18.600
88	838	289	20:44:60	42:16:47	50055?	-0:22	3:16	B9	7.06	.00	84	37	15	1516	3.0C	505.333
89	897	326	20:45: 4	41:38:33							61	9	16	289?	3.7C	78.108
90	883	809	20:45: 5	31:53:14	70491?	0: 5	-5: 8		8.80	8.80	63	10	23?	328?	10.0C	32.800
91	883	809	20:45: 5	31:53:14	70498?	-0: 1	-6: 0	A0	7.70	7.60	63	10	23?	328?L	10.0C	32.800
92	897	291	20:45:14	42:17:47	50055	-0: 7	4:16	B9	7.06	.00	89	9	61	216 L	1.0L	216.000
93	892	294	20:45:14	42:17:42	50055	-0: 7	4:11	B9	7.06	.00	197	43	130	1654	3.0L	551.333
94	897	294	20:45:17	42:17:11	50055	-0: 5	3:40	B9	7.06	.00	107	46	18	2131	3.7C	575.946
95	894	286	20:45:18	42:18:20	50055	-0: 4	4:49	B9	7.06	.00	205	80	22	5787	10.0C	578.700
96	826	586	20:45:25	36:16: 3	70505	-0: 2	-2:19	B5	4.47	.00	430	194	19	23527	3.0C	7842.333
97	891	435	20:45:26	39:25: 0							52	8	16	221?	3.7C	59.730
98	883	588	20:45:31	36:17:57	70505	0: 3	-0:25	B5	4.47	.00	420	142	64	17104	1.0L	17104.000
99	875	592	20:45:34	36:18:21	70505	0: 6	-0: 1	B5	4.47	.00	171	65	27	3959	.2L	15836.000
100	883	583	20:45:34	36:17:15	70505	0: 6	-1: 7	B5	4.47	.00	454	360	26	48912 L	10.0C	4891.200

CYGNUS RA 21:24 DEC +37:30

OBJECT NO.	X	Y	R.A.	DEC.	SAO NO.	Δ R.A.	Δ DEC.	SPEC. TYPE	V MAG.	P MAG.	PEAK DEN.	NO. OF POINTS	BG	DENSITY VOLUME	EXP.& FILTER	DEN.VOL/ EXP.
101	885	591	20:45:35	36:17:21	70505	0: 9	-1: 1	B5	4.47	.00	433	234	20	28034 L	3.7C	7576.757
102	877	590	20:45:37	36:17:44	70505	0:10	-0:37	B5	4.47	.00	453	235	141	26832 L	3.0L	8944.000
103	870	772	20:45:38	32:47:35	70510	-0: 2	4:55		9.20	9.80	53	5	25	118?	.2L	472.000
104	875	806	20:45:51	31:46:52	70513?	0: 2	-6:12		9.00	9.40	49	21	25	485?	10.0C	48.500
105	875	806	20:45:51	31:56:52	70514	-0: 2	-0:50	A0	8.50	8.80	49	21	25	485?	10.0C	48.500
106	888	304	20:45:52	41:56: 2	50066	0: 0	3: 1	A0	7.20	7.60	61	18	21	564 L	10.0C	56.400
107	886	341	20:45:53	41:11:10	500717	-0:15	-3:16		9.40	10.00	67	8	18	271?	10.0C	27.100
108	873	586	20:46:35	36:37:16	70525	0: 6	-0:43		8.90	9.10	54	6	27	139	10.0C	13.900
109	814	615	20:46:39	35:40:55	70527	0: 1	-2:36		9.00	9.00	43	7	17	157	3.0C	52.333
110	871	612	20:46:42	35:42:13	70527	0: 4	-1:17		9.00	9.00	101	35	24	1479 H	10.0C	147.900
111	866	619	20:46:43	35:43:49	70527	0: 5	0:19		9.00	9.00	165	7	138	166	3.0L	55.333
112	873	619	20:46:43	35:43:33	70527	0: 5	0: 2		9.00	9.00	51	11	17	303	3.7C	81.892
113	867	734	20:46:49	33:19:57	70529	0: 8	-2:40	A2	8.80	9.10	50	12	22	283	10.0C	28.300
114	812	606	20:46:52	35:50:56	705277	0:14	7:25		9.00	9.00	76	25	15	929	3.0C	309.667
115	869	603	20:46:54	35:53:28							174	57	23	3617	10.0C	361.700
116	871	610	20:46:55	35:53:32	NO						88	31	17	1246	3.7C	336.757
117	869	607	20:46:56	35:54: 3	705277	0:18	10:33		9.00	9.00	87	6	82	136	1.0L	136.000
118	864	610	20:46:56	35:53:47	NO						201	33	138	1263	3.0L	421.000
119	814	420	20:46:59	39:35:49	70541	-0: 9	0:29	A0	7.32	.00	75	22	13	855 H	3.0C	285.000
120	813	466	20:46:59	38:40:21	70539	-0: 8	-0:23	A0	7.60	7.10	130	39	15	2003 H	3.0C	667.667
121	868	563	20:46:60	36:41: 1	70534	0: 0	-0:25		9.10	9.30	51	12	23	282	10.0C	28.200
122	821	262	20:47: 1	42:49:26	50102	-0:19	3:20	B8	7.40	7.30	65	20	14	953	3.0C	317.667
123	876	266	20:47:10	42:51:21	50102?	-0:10	5:16	B8	7.40	7.30	174	36	123	1193	3.0L	397.667
124	880	266	20:47:11	42:51: 0	50102	-0: 9	4:55	B8	7.40	7.30	63	36	19	1313	3.7C	354.865
125	871	417	20:47:12	39:37:34	70541	0: 4	1:15	A0	7.32	.00	170	49	20	3189	10.0C	318.900
126	868	424	20:47:13	39:37:54	70541	0: 5	1:35	A0	7.32	.00	196	24	142	798	3.0L	266.000
127	872	470	20:47:15	38:42:31	70539	0: 8	1:47	A0	7.60	7.10	152	45	16	2658 H	3.7C	718.378
128	873	424	20:47:16	39:39:51	70541	0: 8	2:32	A0	7.32	.00	90	28	16	1133	3.7C	306.216
129	866	470	20:47:17	38:42:48	70539	0:10	2: 4	A0	7.60	7.10	262	46	144	2415 H	3.0L	805.000
130	869	463	20:47:18	38:41:15	70539	0:12	0:30	A0	7.60	7.10	284	69	21	6341 H	10.0C	634.100
131	877	259	20:47:19	42:50:58	50102	-0: 1	4:52	B8	7.40	7.30	162	71	22	4172	10.0C	417.200
132	870	468	20:47:20	38:41:47	70539	0:14	1: 3	A0	7.60	7.10	111	22	61	740 H	1.0L	740.000
133	869	326	20:47:45	41:28:49	50112	0: 1	2:59	A0	8.90	8.40	64	20	19	605	10.0C	60.500
134	801	593	20:47:60	36: 5:53	70555	-0: 0	-2:39	B8	8.50	8.30	132	38	18	2003 H	3.0C	667.667
135	860	598	20:48: 3	36: 7:12	70555	0: 3	-1:20	B8	8.50	8.30	148	45	20	2576 H	3.7C	696.216
136	853	597	20:48: 4	36: 6:36	70555	0: 5	0: 4	B8	8.50	8.30	271	50	140	2880 H	3.0L	993.333
137	858	595	20:48: 5	36: 7:40	70555	0: 5	-0:53	B9	8.50	8.30	120	26	64	908 H	1.0L	908.000
138	857	590	20:48: 8	36: 8:25	70555	0: 8	-0: 7	B8	8.50	8.30	293	73	25	6514 H	10.0C	651.400
139	847	882	20:48:14	30:36:13	70564	-0:16	-7:13	A2	6.75	.00	47	4	17	98	3.7C	26.486
140	882	436	20:48:20	39:23:50							55	9	15	265?	3.7C	71.622
141	904	291	20:48:35	42:13:20	50125	-0:16	1:42	B8	7.20	7.10	121	45	16	2289 H	3.0C	763.000
142	851	579	20:48:45	36:20:54	70568	0: 3	-0:32	A0	8.90	8.90	73	21	22	698	10.0C	69.800
143	861	288	20:48:46	42:15: 1	50125	-0: 5	3:22	B8	7.20	7.10	288	92	23	7926	10.0C	792.600
144	859	295	20:48:48	42:15:14	50125	-0: 2	3:35	B8	7.20	7.10	245	53	128	2944	3.0L	981.333
145	854	450	20:48:48	38:57:32							79	9	21	351?	10.0C	35.100
146	863	292	20:48:49	42:15:28	50125	-0: 2	3:49	B8	7.20	7.10	108	29	58	915	1.0L	915.000
147	863	295	20:48:51	42:15: 2	50125	0: 0	3:23	B8	7.20	7.10	148	55	19	3052	3.7C	824.865
148	845	722	20:48:59	33:32: 6	70573	0: 5	-2:12	B9	8.80	8.80	48	7	22	182 L	10.0C	18.200
149	848	595	20:49: 3	36: 2: 5	70580	-0: 6	4:59		9.40	9.90	51	8	21	206	10.0C	20.600
150	822	901	20:49:25	30:14:23							83	9	25	298?	.2L	1192.000
151	840	513	20:49:32	37:48:35	70590	-0: 3	0:32	B5	6.97	.00	265	40	143	2226 L	3.0L	742.000
152	855	275	20:49:33	42:30: 0	50137	0: 2	3:25	A0	8.70	8.30	78	26	26	856	10.0C	85.600
153	843	541	20:49:36	37: 5:56	70586	0: 3	0: 3	A0	8.80	8.80	72	20	20	857	10.0C	85.700
154	787	509	20:49:37	37:47:28	70590	0: 1	-0:36	B5	6.97	.00	131	31	17	1634 L	3.0C	544.667
155	846	513	20:49:39	37:48:31	70590	0: 4	0:28	B5	6.97	.00	158	37	18	2194 L	3.7C	592.973
156	845	510	20:49:43	37:48:54	70590	0: 8	0:51	B5	6.97	.00	115	21	62	737	1.0L	737.000
157	844	506	20:49:43	37:48:33	70590	0: 8	0:29	B5	6.97	.00	287	61	25	5376 L	10.0C	537.600
158	775	772	20:49:59	32:35:20	70596	0: 1	-4:17	B5	6.35	.00	335	104	19	10562	3.0C	3520.667
159	826	776	20:50: 2	32:38:15	70596	0: 4	-1:22	B5	6.35	.00	410	136	127	13946	3.0L	4648.667
160	834	777	20:50: 2	32:37: 8	70596	0: 4	-2:29	B5	6.35	.00	371	131	18	13887	3.7C	3699.189
161	823	778	20:50: 3	32:37:49	70596	0: 5	-1:48	B5	6.35	.00	65	23	26	616	.2L	2584.000
162	832	769	20:50: 3	32:37: 5	70596	0: 5	-2:31	B5	6.35	.00	428	198	24	25479	10.0C	2547.900
163	832	531	20:50: 4	37:27:58	706067	-0:10	8: 9	A2	8.70	8.60	66	10	24	305?	.2L	1220.000
164	832	531	20:50: 4	37:27:58	706077	-0:10	-8: 9		9.20	9.80	66	10	24	305?	.2L	1220.000
165	831	773	20:50: 5	32:37:25	70596	0: 7	-2:12	B5	6.35	.00	238	89	61	6151 H	1.0L	6151.000
166	778	678	20:50: 5	34:24: 2	70599	0: 1	-4: 6	B2	6.90	.00	257	63	18	5415	3.0C	1805.000
167	826	684	20:50:10	34:26:17	70599	0: 6	-1:51	B2	6.90	.00	49	6	26	130 L	.2L	520.000
168	829	681	20:50:11	34:27:58	70599	0: 8	-0:10	B2	6.90	.00	378	83	138	7154	3.0L	2384.667
169	834	679	20:50:13	34:27: 8	70599	0: 9	-1: 1	B2	6.90	.00	188	48	64	2783	1.0L	2783.000
170	834	675	20:50:13	34:26:49	70599	0: 9	-1:20	B2	6.90	.00	401	142	24	15187	10.0C	1518.700
171	836	682	20:50:13	34:26:48	70599	0:10	-1:20	B2	6.90	.00	305	73	19	6799	3.7C	1837.589
172	831	789	20:50:13	32:23:25	706197	-0:31	7:26		9.00	9.50	50	12	18	316?	3.7C	85.405
173	837	529	20:50:14	37:20:55	70606	0: 0	1: 6	A2	8.70	8.60	68	29	19	1142 H	10.0C	114.200
174	839	487	20:50:16	38:11: 5							55	9	21	243?	10.0C	24.300
175	839	537	20:50:16	37:19:37	70606	0: 2	-0:12	A2	8.70	8.60	44	8	16	192	3.7C	51.892
176	839	460	20:50:17	38:43:41	70608	0: 2	0:24		8.90	9.30	55	10	20	276	10.0C	27.600
177	852	193	20:50:28	44:16:55	50153	0: 4	2:11	B8	8.50	8.90	167	7	133	179 L	3.0L	59.667
178	825	654	20:50:32	34:59: 8	70603	0:20	-2:20		8.80	9.30	163	4	140	81	3.0L	27.000
179	831	647	20:50:32	34:59:16	70603?	0:21	-2:12		8.80	9.30	83	23	27	789	10.0C	78.900
180	831	647	20:50:32	34:59:16	70623?	-0:22	-9:35		8.50	8.80	83	23	27	789	10.0C	78.900
181	833	654	20:50:33	35: 0:29	70603	0:21	-0:59		8.80	9.30	49	6	21	146	3.7C	39.459
182	833	654	20:50:33	35: 0:29	70623?	-0:22	-8:22		8.50	8.80	48	6	21	146	3.7C	39.459
183	841	308	20:50:45	41:50: 8	50162	0: 1	2:44	A0	8.00	7.80	47	10	18	248 L	10.0C	24.800
184	819	676	20:51: 8	34:33:56	70626	0: 3	0:12	B9	7.80	7.70	184	22	137	699	3.0L	233.000
185	768	672	20:51: 6	34:31:21	70626	0: 2	-2:23	B9	7.80	7.70	64	19	15	651	3.0C	217.000
186	827	664	20:51: 9	34:47:51	70621	0:20	4:34		8.60	9.30	74	29	17	1123 H	3.7C	303.514
187	788	190	20:51:11	44:14: 9	50180	-0:17	2:19	B3	4.68	.00	438	207	21	28173	3.0C	9391.000
188	824	669	20:51:14	34:32:52	70626	0:10	-0:52	B9	7.80	7.70	161	35	23	2214	10.0C	221.400
189	826	677	20:51:14	34:32:49	70626	0:10	-0:55	B9	7.80	7.70	80	27	20	965	3.7C	260.811
190	756	873	20:51:15	30:36:57	70633?	-0:13	-8:43	B9	7.70	7.70	61	33	18	997	3.0C	332.333
191	844	193	20:51:16	44:18:52	50180	-0:12	5: 2	B3	4.68	.00	465	275	133	35659	3.0L	11886.333
192	840	195	20:51:17	44:16:32	50180	-0:12	4:43	B3	4.68	.00	136	78	23	4314	.2L	17256.000
193	814	877	20:51:18	30:40:14	70633	-0:10	-5:26	B9	7.70	7.70	73	43	18	1462	3.7C	395.135
194	805	875	20:51:19	30:41: 9	70633	-0: 9	-4:32	B9	7.70	7.70	175	40	129	1232 H	3.0L	410.667
195	845	187	20:51:20	44:15:38	50180	-0: 8	3:48	B3	4.68	.00	464	364	38	52215 L	10.0C	5221.500
196	847	194	20:51:20	44:15:37	50180	-0: 8	3:48	B3	4.68	.00	449	237	24	32768 L	3.7C	8856.216
197	848	191	20:51:21	44:15:54	50180	-0: 8	4: 5	B3	4.68	.00	424	176	62	21418	1.0L	21418.000
198	778	288	20:51:23	42:15:47	50179?	-0: 1	5:24		8.80	8.90	98	30	17	1314	3.0C	438.000
199	778	289	20:51:23	42:15:47	50183	-0:14	2:35	A0	8.47	.00	98	30	17	1314	3.0C	438.000
200	812	870	20:51:25	30:38:53	70633?	-0: 3	-6:47	B9	7.70	7.70	142	85	21	4942 H	10.0C	494.200

CYGNUS RA 21:24 DEC +37:30

OBJECT NO.	X	Y	R.A.	DEC.	SAO NO.	Δ R.A.	Δ DEC.	SPEC. TYPE	V MAG.	P MAG.	PEAK DEN.	NO. OF POINTS	BG	DENSITY VOLUME	EXP.& FILTER	DEN.VOL/ EXP.
201	835	286	20:51:33	42:16:19	50183	-0: 4	3: 7	A0	6.47	.00	234	54	29	4367	10.0C	436.700
202	837	291	20:51:36	42:15:18	50183	-0: 1	2: 6	A0	6.47	.00	87	7	60	164 L	1.0L	164.000
203	833	293	20:51:36	42:16:12	50179?	0:12	5:50		8.80	8.90	199	29	131	1151	3.0L	383.667
204	833	293	20:51:36	42:16:12	50183	-0: 1	2:50	A0	6.47	.00	199	29	131	1151	3.0L	383.667
205	772	357	20:51:37	40:51:53	50189	-0:11	0:20	A2	7.40	7.50	146	41	15	2326 H	3.0C	775.333
206	820	645	20:51:39	35: 1:33	70638	0: 4	-0:42	B9	7.80	8.00	83	26	20	981 L	10.0C	98.100
207	837	293	20:51:39	42:16:15	50179?	0:15	5:53		8.80	8.90	116	37	21	1701	3.7C	459.730
208	837	293	20:51:39	42:16:15	50183	0: 2	3: 3	A0	6.47	.00	116	37	21	1701	3.7C	459.730
209	822	652	20:51:40	35: 1:30	70638	0: 4	-0:46	B9	7.80	8.00	48	8	17	202 L	3.7C	54.595
210	826	360	20:51:47	40:54:56	50189	-0: 2	3:24	A2	7.40	7.50	278	45	133	2862 H	3.0L	960.667
211	834	272	20:51:48	42:33:45	50193	-0: 2	3: 6		8.70	8.60	69	18	24	579	10.0C	57.900
212	831	361	20:51:53	40:53:46	50189	0: 4	2:13	A2	7.40	7.50	176	46	17	2921 H	3.7C	789.459
213	830	358	20:51:55	40:54: 3	50189	0: 6	2:30	A2	7.40	7.50	122	26	61	951 H	1.0L	951.000
214	828	354	20:51:55	40:53:51	50189	0: 6	2:18	A2	7.40	7.50	309	73	22	6886 H	10.0C	688.600
215	783	153	20:52:11	44:57:30	50205	-0:10	2:21	B9	7.60	.00	52	10	20	267	3.0C	89.000
216	817	554	20:52:11	36:49:17	70659	-0:34	-3:40	A0	7.24	.00	76	13	20	448 L	10.0C	44.800
217	843	157	20:52:12	44:58:55	50187:	0:26	1: 3	A0	8.50	7.80	66	19	23	591	3.7C	159.730
218	843	157	20:52:12	44:58:55	50205	-0: 8	3:46	B9	7.60	.00	66	19	23	591 L	3.7C	159.730
219	764	374	20:52:22	40:30:28	50200?	0:11	-0:29		8.80	8.80	207	47	16	3424	3.0C	1141.333
220	764	374	20:52:22	40:30:28	50209	-0: 8	-0:15	B8	6.46	.00	207	47	16	3424 H	3.0C	1141.333
221	802	726	20:52:24	33:35:37							55	4	26	100?	.2L	400.000
222	818	377	20:52:30	40:33:30	50200?	0:19	2:33		8.80	8.80	345	59	135	4697	3.0L	1565.667
223	818	377	20:52:30	40:33:30	50209	0: 0	2:47	B8	6.48	.00	345	59	135	4697	3.0L	1565.667
224	823	375	20:52:32	40:32:40	50209	0: 2	1:57	B8	6.48	.00	163	38	60	1927	1.0L	1927.000
225	821	371	20:52:33	40:32:31	50209	0: 3	1:48	B8	6.48	.00	366	90	23	9424	10.0C	942.400
226	823	378	20:52:37	40:32:24	50200?	0:26	1:27		8.80	8.80	249	56	18	4424	3.7C	1195.676
227	823	378	20:52:37	40:32:24	50209	0: 7	1:41	B8	6.48	.00	249	56	18	4424	3.7C	1195.676
228	779	151	20:52:39	44:59:58	50205?	0:18	4:48	B9	7.60	.00	55	32	18	919 H	3.0C	306.333
229	779	151	20:52:39	44:59:58	50219?	-0:21	3:17	B9	8.10	7.80	55	32	18	919 H	3.0C	306.333
230	812	551	20:52:42	36:52:57	70659	-0: 3	0: 0	A0	7.24	.00	211	58	20	3998 H	10.0C	399.800
231	814	558	20:52:44	36:52:49	70659	-0: 1	-0: 7	A0	7.24	.00	118	28	16	1376	3.7C	371.892
232	835	156	20:52:45	45: 0: 2	50205?	0:25	4:52	B9	7.60	.00	162	32	131	771	3.0L	257.000
233	835	156	20:52:45	45: 0: 2	50219	-0:15	3:21	B9	8.10	7.80	162	32	131	771	3.0L	257.000
234	812	555	20:52:47	36:53: 2	70659	0: 2	0: 6	A0	7.24	.00	97	11	64	285	1.0L	285.000
235	807	557	20:52:48	36:53:47	70659	0: 3	0:51	A0	7.24	.00	217	24	142	1046 H	3.0L	348.667
236	755	554	20:52:48	36:51:37	70659	0: 4	-1:19	A0	7.24	.00	101	22	15	993 H	3.0C	331.000
237	838	156	20:52:48	45: 0: 9	50219	-0:12	3:28	B9	8.10	7.80	65	32	22	1025	3.7C	277.027
238	749	692	20:52:53	34: 7: 5	70662	0: 3	-2:49	B9	8.00	8.10	47	7	16	178 L	3.0C	59.333
239	835	148	20:52:54	45: 1:24	50219	-0: 6	4:43	B9	8.10	7.80	135	93	39	5125 H	10.0C	512.500
240	806	689	20:52:55	34: 8:41	70662	0: 5	-1:12	B9	8.00	8.10	101	33	19	1445	10.0C	144.500
241	808	696	20:52:55	34: 9:51	70662	0: 5	-0: 2	B9	8.00	8.10	53	12	16	337 L	3.7C	91.081
242	803	695	20:52:58	34: 9:28	70662	0: 8	-0:25	B9	8.00	8.10	158	4	134	92 L	3.0L	30.667
243	819	316	20:53: 4	41:38:46	50221	0: 2	1:57	A0	8.90	8.90	58	12	20	347	10.0C	34.700
244	819	335	20:53:11	41:21:22							104	7	59	227?	1.0L	227.000
245	808	425	20:53:15	39:33: 8	70678?	-0:30	7:18	A5	8.30	8.70	172	7	135	210?	3.0L	70.000
246	761	284	20:53:19	42:20:35	50226	-0:10	1:18	B9	6.89	.00	230	57	16	4392 H	3.0C	1464.000
247	818	281	20:53:21	42:21:12	50226	-0: 7	1:55	B9	6.89	.00	394	112	23	12373 H	10.0C	1237.300
248	811	390	20:53:23	40: 8:37	50230	-0: 7	2: 8	B0	7.10	7.10	240	62	20	4850 L	10.0C	485.000
249	820	285	20:53:25	42:22:33	50226	-0: 4	3:15	B9	6.89	.00	168	48	59	2455 H	1.0L	2455.000
250	816	288	20:53:25	42:22: 8	50226	-0: 4	2:50	B9	6.89	.00	354	76	128	6498 H	3.0L	2166.000
251	754	393	20:53:25	40: 7:42	50230	-0: 5	1:13	B0	7.10	7.10	125	29	15	1491 L	3.0C	497.000
252	808	397	20:53:26	40: 8:13	50230	-0: 4	1:44	B0	7.10	7.10	258	37	137	1984 L	3.0L	661.333
253	820	288	20:53:27	42:22:20	50226	-0: 1	3: 3	B9	6.89	.00	271	66	18	5580 H	3.7C	1508.108
254	813	397	20:53:27	40: 8:28	50230	-0: 3	1:60	B0	7.10	7.10	146	35	17	1983 L	3.7C	535.946
255	812	290	20:53:28	42:20:36	50226	-0: 1	1:19	B9	6.89	.00	46	4	25	83	.2L	332.000
256	812	395	20:53:28	40: 7:25	50230	-0: 2	0:57	B0	7.10	7.10	110	16	61	536 L	1.0L	536.000
257	791	676	20:53:42	34:33:56							51	4	26	91?	.2L	364.000
258	819	229	20:53:48	43:24:41	50240	0: 3	3:17		8.40	8.50	71	28	30	717	10.0C	71.700
259	819	229	20:53:48	43:24:41	50243?	-0:14	1:51		8.80	9.40	71	28	30	717	10.0C	71.700
260	763	191	20:53:58	44:12:43	50247	-0:14	1:50	B8	6.71	.00	99	41	17	1881	3.0C	627.000
261	819	194	20:54: 2	44:14: 1	50247	-0:10	3: 8	B8	6.71	.00	201	54	127	2198	3.0L	732.667
262	757	238	20:54: 5	43:15:26	50253	-0:18	1:32	B8	6.79	.00	198	59	15	4292 H	3.0C	1430.667
263	820	187	20:54: 6	44:14:20	50247	-0: 6	3:27	B8	6.71	.00	237	85	33	6522	10.0C	652.200
264	822	195	20:54: 6	44:13: 1	50247	-0: 6	2: 8	B8	6.71	.00	119	50	21	2453	3.7C	662.973
265	822	192	20:54: 7	44:13:10	50247	-0: 6	2:17	B8	6.71	.00	88	13	58	326 L	1.0L	326.000
266	796	616	20:54: 9	35:33:33	70683	0: 6	-1: 0		9.30	9.60	55	8	22	213	10.0C	21.300
267	796	616	20:54: 9	35:33:33	70685?	-0: 5	7:20		8.80	9.40	55	8	22	213	10.0C	21.300
268	812	242	20:54:14	43:16:49	50243?	0:12	-6: 2		8.80	9.40	329	72	131	5379	3.0L	1793.000
269	812	242	20:54:14	43:16:49	50249?	-0: 1	-8:14		8.80	8.90	329	72	131	5379	3.0L	1793.000
270	812	242	20:54:14	43:16:49	50253	-0:10	2:55	B8	6.79	.00	329	72	131	5379	3.0L	1793.000
271	816	240	20:54:19	43:15:59	50253	-0: 4	2: 6	B8	6.79	.00	147	45	58	2066 H	1.0L	2066.000
272	816	243	20:54:20	43:15:50	50253	-0: 3	1:56	B8	6.79	.00	225	69	18	5220	3.7C	1410.811
273	813	235	20:54:21	43:17:11	50249?	0: 6	-7:52		8.80	8.90	380	111	26	11733	10.0C	1173.300
274	813	235	20:54:21	43:17:11	50253	-0: 2	3:17	B8	6.79	.00	380	111	26	11733	10.0C	1173.300
275	784	825	20:54:22	31:29:52	70698	-0:17	5:59	A2	8.50	8.80	59	63	24	1678?H	10.0C	167.800
276	800	436	20:54:23	39:11:60	70688	-0: 1	1:36	A2	8.70	8.80	73	17	20	561	10.0C	56.100
277	803	372	20:54:24	40:29:46	50254	-0: 1	1:52	A0	8.60	8.80	51	6	20	160 L	10.0C	16.000
278	789	592	20:54:28	36:10:30	70691	0: 2	-0:35	A0	7.20	7.50	204	35	139	1358 H	3.0L	452.667
279	761	162	20:54:30	44:46:10	50263	-0:19	2:16	O	6.01	.00	313	110	22	10466	3.0C	3488.667
280	737	588	20:54:30	36:10:56	70691	0: 5	-0: 9	A0	7.20	7.50	74	27	15	960	3.0C	320.000
281	794	585	20:54:30	36:11: 6	70691	0: 5	0: 1	A0	7.20	7.50	174	63	22	3753 H	10.0C	375.300
282	796	592	20:54:32	36:10:56	70691	0: 6	-0: 9	A0	7.20	7.50	90	33	18	1280	3.7C	345.946
283	794	589	20:54:34	36:11: 2	70691	0: 8	-0: 3	A0	7.20	7.50	90	4	66	87 L	1.0L	87.000
284	820	166	20:54:38	44:47:40	50263	-0:11	3:45	O	6.01	.00	359	117	29	12409 L	3.7C	3353.784
285	780	832	20:54:39	31:21: 4	70698	-0: 0	-2:49	A2	8.50	8.80	53	15	29	315	10.0C	31.500
286	812	168	20:54:42	44:47:11	50263	-0: 6	3:16	O	6.01	.00	53	13	24	323 L	.2L	1292.000
287	816	166	20:54:42	44:47:22	50263	-0: 6	3:27	O	6.01	.00	404	151	129	14792 L	3.0L	4930.667
288	784	649	20:54:42	35: 2:37							171	5	139	136?	3.0L	45.333
289	817	159	20:54:45	44:47:44	50263	-0: 4	3:49	O	6.01	.00	436	232	43	26865 L	10.0C	2686.500
290	820	164	20:54:46	44:46:32	50263	-0: 3	2:37	O	6.01	.00	198	92	59	5566 L	1.0L	5566.000
291	770	815	20:54:58	31:51: 6							55	7	25	184?	.2L	736.000
292	789	516	20:55:10	37:33:50	70710	0: 2	0:20	B9	8.50	8.50	62	13	19	398 L	10.0C	38.800
293	779	649	20:55:13	35: 2:24	70728?	-0:42	-7:33		8.80	9.40	192	6	138	208?	3.0L	69.333
294	798	351	20:55:14	41: 0:54	50271?	0: 0	-3:39		8.60	8.80	219	45	62	2996	1.0L	2996.000
295	798	351	20:55:14	41: 0:54	50274	-0: 5	2:28	A0	4.04	.00	219	45	62	2996	1.0L	2996.000
296	790	356	20:55:17	40:58:54	50274	-0: 2	0:28	A0	4.04	.00	60	11	25	303 L	.2L	1212.000
297	739	350	20:55:17	41: 0: 4	50271?	0: 3	-4:29		8.60	8.80	311	63	18	5677	3.0C	1892.333
298	739	350	20:55:17	41: 0: 4	50274	-0: 2	1:38	A0	4.04	.00	311	63	18	5677	3.0C	1892.333
299	798	354	20:55:18	41: 0:46	50271?	0: 4	-3:47		8.60	8.80	340	72	19	6956	3.7C	1880.000
300	798	354	20:55:18	41: 0:46	50274	-0: 0	2:20	A0	4.04	.00	340	72	19	6956	3.7C	1880.000

CYGNUS RA 21:24 DEC +37:30

OBJECT NO.	X	Y	R.A.	DEC.	SAO NO.	Δ R.A.	Δ DEC.	SPEC. TYPE	V MAG.	P MAG.	PEAK DEN.	NO. OF POINTS	BG	DENSITY VOLUME	EXP.& FILTER	DEN.VOL/ EXP.
301	793	354	20:55:19	40:59: 6	50271?	0: 5	-5:27		8.60	8.80	388	71	132	6605	3.0L	2201.667
302	793	354	20:55:19	40:59: 6	50274	0: 0	0:40	A0	4.04	.00	388	71	132	6605	3.0L	2201.667
303	795	347	20:55:20	40:59:41	50271?	0: 6	-4:52		8.60	8.80	407	139	20	14719	10.0C	1471.900
304	795	347	20:55:20	40:59:41	50274	0: 1	1:15	A0	4.04	.00	407	139	20	14719 L	10.0C	1471.900
305	772	845	20:55:24	31: 5:52	70731	-0:35	-3:49		9.00	9.30	47	15	22	338	10.0C	33.800
306	732	424	20:55:38	39:29:30	70721	-0: 3	1:22	B9	7.50	.00	114	25	14	1248 H	3.0C	416.000
307	790	426	20:55:39	39:27:57	70721	-0: 2	-0:11	B9	7.50	.00	103	13	63	390	1.0L	390.000
308	791	428	20:55:39	39:29: 7	70721	-0: 2	0:59	B9	7.50	.00	133	28	18	1489	3.7C	402.432
309	788	421	20:55:42	39:29:18	70721	0: 1	1:10	B9	7.50	.00	254	52	19	4078 H	10.0C	407.800
310	768	879	20:55:42	30:34:42							47	6	18	151?	3.7C	40.811
311	785	428	20:55:43	39:28:37	70721	0: 2	0:29	B9	7.50	.00	238	32	136	1550 H	3.0L	516.667
312	789	399	20:55:57	40: 5:27	50288	-0: 6	0:45	A0	8.20	7.70	46	6	18	142 L	3.7C	38.378
313	786	391	20:55:60	40: 5:38	50288	-0: 3	0:58	A0	8.20	7.70	83	19	19	711	10.0C	71.100
314	729	312	20:56:30	41:44:57	50303	-0:10	0:14	B9	6.03	.00	319	87	15	6157 H	3.0C	2052.333
315	788	313	20:56:34	41:45:37	50303	-0: 6	0:54	B9	6.03	.00	249	53	63	3841 H	1.0L	3841.000
316	784	315	20:56:34	41:46:19	50303	-0: 6	1:36	B9	6.03	.00	400	84	132	7770 H	3.0L	2590.000
317	760	828	20:56:36	31:23:58	70743	-0: 3	-3:13	B9	7.17	.00	197	77	21	5460	10.0C	546.000
318	780	318	20:56:37	41:44:54	50303	-0: 3	0:11	B9	6.03	.00	64	15	24	441	.2L	1764.000
319	753	834	20:56:37	31:24:15	70743	-0: 2	-2:55	B9	7.17	.00	201	39	126	1582	3.0L	527.333
320	788	316	20:56:37	41:45:33	50303	-0: 3	0:50	B9	6.03	.00	343	77	19	7321	3.7C	1978.649
321	703	831	20:56:39	31:23:16	70743	-0: 0	-3:55	B9	7.17	.00	86	35	17	1407	3.0C	469.000
322	786	309	20:56:39	41:45:45	50303	-0: 1	1: 2	B9	6.03	.00	410	141	21	15099	10.0C	1509.900
323	761	835	20:56:40	31:25: 3	70743	0: 1	-2: 7	B9	7.17	.00	102	43	19	1909	3.7C	515.946
324	758	832	20:56:42	31:23:41	70743	0: 3	-3:29	B9	7.17	.00	90	10	62	237 L	1.0L	237.000
325	757	857	20:56:44	30:50:23							44	6	21	130?	10.0C	13.000
326	756	853	20:56:50	30:55:18							56	5	20	138?	10.0C	13.800
327	768	472	20:57:16	38:33:58							191	16	138	527?	3.0L	175.667
328	761	588	20:57:22	36:14:16	70765	-0: 2	0:16	B9	8.00	7.90	182	13	139	417	3.0L	139.000
329	747	805	20:57:24	31:57:24	NO						155	9	129	209	3.0L	69.667
330	785	581	20:57:24	36:13:57	70765	0: 0	-0: 2	B9	8.00	7.90	139	29	20	1571	10.0C	157.100
331	746	879	20:57:26	30:28:41							107	48	61	1548?	1.0L	1548.000
332	767	588	20:57:26	36:14:58	70765	0: 2	0:58	B9	8.00	7.90	74	14	17	491	3.7C	132.703
333	755	806	20:57:26	31:58:15	NO						46	8	18	197	3.7C	53.243
334	722	293	20:57:27	42: 8:31	50319	-0: 7	0:47	B9	6.51	.00	212	49	16	3429	3.0C	1143.000
335	779	290	20:57:29	42: 9:20	50319	-0: 5	1:36	B9	6.51	.00	375	95	21	9463	10.0C	946.300
336	788	584	20:57:31	36:14:57	70765	0: 7	0:57	B9	8.00	7.90	60	10	15	315	3.0C	105.000
337	696	802	20:57:31	31:56:30	NO						41	5	15	123	3.0C	41.000
338	761	294	20:57:32	42: 9: 7	50319	-0: 2	1:23	B9	6.51	.00	154	36	61	1601	1.0L	1601.000
339	777	296	20:57:32	42: 9:46	50319	-0: 2	2: 2	B9	6.51	.00	330	58	128	4316	3.0L	1438.667
340	753	799	20:57:33	31:57: 7	NO						86	34	21	1343	10.0C	134.300
341	724	256	20:57:34	42:53:31	50325	-0: 9	1:24	B8	8.10	7.90	43	6	14	146 L	3.0C	48.667
342	781	297	20:57:35	42: 9: 6	50319	0: 1	1:22	B9	6.51	.00	250	54	17	4334	3.7C	1171.351
343	781	253	20:57:36	42:54:16	50325	-0: 8	2: 8	B8	8.10	7.90	103	33	22	1428 L	10.0C	142.800
344	779	260	20:57:41	42:53:27	50325	-0: 2	1:20	B8	8.10	7.90	155	10	126	241 L	3.0L	80.333
345	783	260	20:57:42	42:54: 2	50325	-0: 2	1:55	B8	8.10	7.90	52	11	16	304 L	3.7C	82.162
346	772	320	20:57:57	41:31:41	50342?	-0:41	4:46		8.40	9.00	54	10	18	298?	10.0C	29.800
347	757	612	20:58: 9	35:37:13	70775	0: 1	0:14		8.80	9.30	73	14	27	404	10.0C	40.400
348	739	768	20:58:31	32:40:24	70774?	0:26	-8:52		9.20	9.60	163	4	133	107?	3.0L	35.667
349	777	235	20:58:35	43:23:45	50344	-0: 5	1:51	A2	8.50	8.20	44	6	17	143	3.7C	38.649
350	774	228	20:58:42	43:22:41	50344	0: 2	0:48	A2	8.50	8.20	83	25	22	960	10.0C	96.000
351	786	112	20:58:52	45:40:18							54	5	30	110?	10.0C	11.000
352	744	682	20:59: 4	34:12:42	70793	-0: 1	-0:29	A0	8.50	8.40	48	8	19	193 L	10.0C	19.300
353	757	412	20:59: 5	39:39:40	70790	0: 5	2:17		9.10	9.50	50	7	18	188	10.0C	18.800
354	757	412	20:59: 5	39:39:40	70791?	0: 1	-7:37	A0	8.10	7.70	50	7	18	188 L	10.0C	18.800
355	757	404	20:59: 6	39:48:28	70791	0: 3	1:11	A0	8.10	7.70	54	7	18	207 L	10.0C	20.700
356	712	223	20:59:17	43:31:46	50358	-0: 8	0:16	A0	8.20	7.40	64	17	14	562 H	3.0C	187.333
357	721	935	20:59:23	29:17:29	89380?	-0:13	-8:29	B8	7.80	7.41	217	102	21	8265 H	10.0C	826.500
358	771	227	20:59:24	43:32:15	50358	-0: 1	0:46	A0	8.20	7.40	81	23	17	369 H	3.7C	234.865
359	719	940	20:59:25	29:15:46	89380?	-0:11	-10:11	B8	7.80	7.41	96	23	72	403	1.0L	403.000
360	713	940	20:59:25	29:18:38	89380	-0:11	-7:20	B8	7.80	7.41	214	71	124	3568 H	3.0L	1188.667
361	768	220	20:59:25	43:32:28	50358	-0: 1	0:59	A0	8.20	7.40	157	48	20	2807 H	10.0C	280.700
362	767	226	20:59:26	43:32:46	50358	0: 0	1:17	A0	8.20	7.40	169	19	124	608 H	3.0L	202.667
363	864	938	20:59:26	29:16:38	89380	-0:11	-9:20	B8	7.80	7.41	95	57	19	2445 H	3.0C	815.000
364	722	941	20:59:26	29:18:33	89380	-0:10	-7:25	B8	7.80	7.41	103	51	21	2193	3.7C	590.000
365	777	106	20:59:31	45:57:50	50359	0: 5	0:19	B3	5.24	.00	98	36	25	1480	.2L	5920.000
366	781	105	20:59:32	45:56:35	50359	0: 6	-0:56	B3	5.24	.00	435	177	134	18720	3.0L	6240.000
367	725	101	20:59:32	45:56:56	50359	0: 6	-0:33	B3	5.24	.00	379	118	25	13135	3.0C	4378.333
368	785	102	20:59:35	45:57: 9	50359	0: 9	-0:23	B3	5.24	.00	347	101	62	9671	1.0L	9671.000
369	781	98	20:59:38	45:57:24	50359	0:12	-0: 7	B3	5.24	.00	436	254	46	29214	10.0C	2921.400
370	784	105	20:59:39	45:57:15	50359	0:13	-0:16	B3	5.24	.00	404	136	28	16027 H	3.7C	4331.622
371	730	802	20:59:53	32: 0:41	70806	0: 1	-1:29	A0	8.70	8.60	51	8	18	219	3.7C	59.189
372	741	553	20:59:59	36:46:55	70810	-0: 3	0:36	A2	8.40	8.20	71	12	19	424	10.0C	42.400
373	728	795	21: 0: 0	32: 0:52	70806	0: 8	-1:19	A0	8.70	8.60	83	32	19	1226	10.0C	122.600
374	762	206	21: 0:38	43:56:47	50382	-0: 1	-0: 9	A	8.70	8.80	42	7	16	170	3.7C	45.946
375	759	199	21: 0:39	43:57: 2	50382	-0: 1	0: 5	A	8.70	8.80	73	20	22	719	10.0C	71.900
376	689	343	21: 0:44	41: 7:12	NO						42	5	13	120	3.0C	40.000
377	748	347	21: 0:44	41: 6:43	NO						52	8	15	228	3.7C	61.622
378	717	835	21: 0:45	31:13: 7	70822	0: 7	-2:50	A0	8.50	8.70	56	19	20	520	10.0C	52.000
379	745	340	21: 0:46	41: 5:46	NO						99	21	19	881	10.0C	88.100
380	763	120	21: 0:53	45:40: 8	50390	-0:10	1: 6	B8	6.23	.00	50	9	24	205	.2L	820.000
381	711	114	21: 0:54	45:40:30	50390	-0: 9	1:29	B8	6.23	.00	281	109	21	9113 H	3.0C	3037.667
382	771	115	21: 0:57	45:40:41	50390	-0: 6	1:39	B8	6.23	.00	186	97	58	5207 H	1.0L	5207.000
383	767	111	21: 0:60	45:41: 3	50390	-0: 3	2: 1	B8	6.23	.00	425	299	32	28253 H	10.0C	2825.300
384	767	117	21: 1: 1	45:41:16	50390	-0: 2	2:14	B8	6.23	.00	397	218	125	16923 H	3.0L	5641.000
385	767	117	21: 1: 1	45:41:16	50391?	-0: 6	-8: 6		9.00	9.40	397	218	125	16923 H	3.0L	5641.000
386	770	118	21: 1: 1	45:40:51	50390	-0: 2	1:49	B8	6.23	.00	335	123	22	11667	3.7C	3153.243
387	770	118	21: 1: 1	45:40:51	50391?	-0: 6	-8:31		9.00	9.40	335	123	22	11667	3.7C	3153.243
388	729	584	21: 1:12	36:33:47	70835	-0: 1	1: 3	A0	8.30	8.30	65	9	20	291 L	10.0C	29.100
389	709	858	21: 1:15	30:45:28							43	5	20	107?	10.0C	10.700
390	731	494	21: 1:21	37:58: 6	70837	0: 1	0:52	A2	8.50	7.90	286	72	22	5232 H	10.0C	523.200
391	732	498	21: 1:22	37:57:32	70837	0: 2	0:17	A2	8.50	7.90	136	20	64	818 H	1.0L	818.000
392	727	500	21: 1:24	37:57:56	70837	0: 4	0:41	A2	8.50	7.90	289	35	140	2189 H	3.0L	729.667
393	733	501	21: 1:24	37:57:44	70837	0: 4	0:29	A2	8.50	7.90	163	35	17	2009 H	3.7C	542.973
394	712	722	21: 1:29	33:31: 4	70844	-0: 4	-0:10	A0	8.00	7.80	208	22	135	835 H	3.0L	278.333
395	717	720	21: 1:31	33:30:42	70827?	0:34	-1:44		8.80	9.10	91	6	64	139	1.0L	139.000
396	717	720	21: 1:31	33:30:42	70844	-0: 2	-0:32	A0	8.00	7.80	91	6	64	139	1.0L	139.000
397	674	497	21: 1:31	37:59: 8	70837	0:10	1:54	A2	8.50	7.90	135	29	17	1506 H	3.0C	502.000
398	717	717	21: 1:33	33:30: 4	70844	-0: 0	-1:10	A0	8.00	7.80	169	40	21	2616 H	10.0C	261.600
399	719	723	21: 1:33	33:32:15	70844	-0: 0	1: 1	A0	8.00	7.80	96	26	17	1089 H	3.7C	294.324
400	660	720	21: 1:39	33:30:44	70844	0: 5	-0:30	A0	8.00	7.80	76	17	14	674 H	3.0C	224.667

CYGNUS RA 21:24 DEC +37:30

OBJECT NO.	X	Y	R.A.	DEC.	SAO NO.	Δ R.A.	Δ DEC.	SPEC. TYPE	V MAG.	P MAG.	PEAK DEN.	NO. OF POINTS	BG	DENSITY VOLUME	EXP.& FILTER	DEN.VOL/ EXP.
401	700	139	21: 1:44	45:10:30	50404	-0: 7	0:22	A0	8.00	7.90	52	17	14	491 H	3.0C	163.667
402	756	143	21: 1:49	45:10: 1	50404	-0: 2	-0: 7	A0	8.00	7.90	155	14	123	369	3.0L	123.000
403	756	136	21: 1:50	45:11: 8	50404	-0: 2	1: 1	A0	8.00	7.90	128	54	24	2730 H	10.0C	273.000
404	759	143	21: 1:51	45:10:54	50404	-0: 1	0:47	A0	8.00	7.90	64	24	17	779	3.7C	210.541
405	764	93	21: 2: 5	46:10: 9	50411	-0: 4	2:17	B8	8.50	7.70	141	64	22	3711 H	3.7C	1002.973
406	704	89	21: 2: 6	46: 9:46	50411	-0: 3	1:54	B8	8.50	7.70	119	58	19	2935 H	3.0C	979.333
407	764	90	21: 2: 9	46: 9:53	50411	-0: 0	2: 1	B8	8.50	7.70	101	29	56	912 H	1.0L	912.000
408	761	86	21: 2:11	46: 9: 5	50411	0: 2	1:13	B8	8.50	7.70	302	116	36	9874 H	10.0C	987.400
409	760	92	21: 2:14	46:10:26	50411	0: 5	2:33	B8	8.50	7.70	240	67	124	3750 H	3.0L	1250.000
410	717	593	21: 2:20	35:57:58	70861	0: 1	0:59	A0	8.90	8.90	66	10	20	331	10.0C	33.100
411	722	436	21: 2:22	39:15:31	70874?	-0:33	6:10	A2	8.60	8.70	199	8	136?	350?	3.0L	116.667
412	726	293	21: 2:40	42:12:42	50421?	-0:16	-4:40		8.60	9.30	52	5	27	117	.2L	468.000
413	725	353	21: 2:49	40:49:54	50420	-0: 0	1:25	A	8.40	8.20	54	10	18	269	10.0C	26.900
414	723	393	21: 3:10	40: 9: 7	50426/	0: 3	0:27	A0	8.60	8.70	48	6	16	153	3.7C	41.351
415	723	393	21: 3:10	40: 9: 7	50428/	-0: 2	-3:51		8.70	9.20	48	6	16	153	3.7C	41.351
416	720	386	21: 3:13	40: 9:30	50426	0: 6	0:49	A0	8.60	8.70	79	17	19	631	10.0C	63.100
417	720	396	21: 3:13	40: 9:30	50428?	0: 1	-3:29		8.70	9.20	79	17	19	631	10.0C	63.100
418	701	734	21: 3:18	33:17:24	70886	0: 3	-0:16	A0	8.00	8.00	49	8	17	199 L	3.7C	53.784
419	699	727	21: 3:19	33:17:46	70886	0: 3	0: 6	A0	8.00	8.00	94	21	21	804	10.0C	80.400
420	697	666	21: 3:22	34:37:36	70888	-0: 3	0:55	A0	7.90	8.00	164	4	139	97 L	3.0L	32.333
421	704	667	21: 3:24	34:37:41	70881?	0:14	8:53		9.00	9.30	46	5	16	125	3.7C	33.784
422	704	667	21: 3:24	34:37:41	70888	-0: 2	0:60	A0	7.90	8.00	46	5	16	125 L	3.7C	33.784
423	702	660	21: 3:29	34:36:47	70881?	0:20	7:58		9.00	9.30	81	17	21	618	10.0C	61.800
424	702	660	21: 3:29	34:36:47	70888	0: 4	0: 5	A0	7.90	8.00	81	17	21	618	10.0C	61.800
425	681	833	21: 3:38	31:20:42	70892	0: 0	-1:13		8.40	8.70	167	15	127	470	3.0L	156.667
426	689	834	21: 3:40	31:20:55	70892	0: 3	-0:59		8.40	8.70	62	19	17	595	3.7C	160.811
427	673	220	21: 3:41	43:33:53							52	10	16	280?	3.0C	93.333
428	631	830	21: 3:41	31:20:34	70892	0: 3	-1:20		8.40	8.70	50	13	16	340	3.0C	113.333
429	687	827	21: 3:42	31:19:60	70892	0: 5	-1:54		8.40	8.70	119	40	22	2006	10.0C	200.600
430	683	868	21: 3:44	30:32:42	70894	0: 5	-2:50		8.50	8.80	62	16	23	480	10.0C	48.000
431	740	160	21: 3:46	44:50:23							70	16	16	597?	3.7C	161.351
432	711	427	21: 3:54	39:18:49							49	6	18	158?	10.0C	15.800
433	700	579	21: 4: 9	36:13:21	70907	0: 3	0: 1	A0	8.80	9.30	50	7	19	179 L	10.0C	17.900
434	695	563	21: 4:20	36:40:25	70936	-0:53	-4:28	A0	8.00	8.00	167	8	141	188	3.0L	62.667
435	697	554	21: 4:34	36:43:22	70936	-0:38	-1:31	A0	8.00	8.00	66	10	21	330 L	10.0C	33.000
436	685	660	21: 4:37	34:42:60	70921	-0: 6	0:33	B9	8.30	8.50	201	13	141	485	3.0L	161.667
437	692	661	21: 4:38	34:43:12	70921	-0: 5	0:45	B9	8.30	8.50	79	16	16	589	3.7C	159.189
438	690	654	21: 4:44	34:43:34	70921	0: 1	1: 7	B9	8.30	8.50	147	32	20	1860	10.0C	186.000
439	633	658	21: 4:45	34:43: 4	70921	0: 2	0:37	B9	8.30	8.50	63	12	15	401	3.0C	133.667
440	670	885	21: 4:60	30:20:17	70931	-0: 2	-3:22	B8	7.51	.00	189	69	19	4633 H	3.7C	1252.162
441	667	881	21: 5: 1	30:20:55	70931	-0: 1	-2:45	B8	7.51	.00	134	44	61	1877 H	1.0L	1877.000
442	661	883	21: 5: 1	30:21: 4	70931	-0: 0	-2:35	B8	7.51	.00	293	71	126	4949 H	3.0L	1649.667
443	661	883	21: 5: 1	30:21: 4	70943?	-0:20	-6:38	A5	8.90	8.49	293	71	126	4949 H	3.0L	1649.667
444	668	878	21: 5: 2	30:19:22	70931	0: 1	-4:18	B8	7.51	.00	343	108	22	11300 H	10.0C	1130.000
445	668	878	21: 5: 2	30:19:22	70943?	-0:19	-8:21	A5	8.90	8.49	343	108	22	11300 H	10.0C	1130.000
446	611	881	21: 5: 6	30:19:49	70931	0: 4	-3:50	B8	7.51	.00	160	59	19	3674 H	3.0C	1224.667
447	611	881	21: 5: 6	30:19:49	70943?	-0:15	-7:53	A5	8.90	8.49	160	59	19	3674 H	3.0C	1224.667
448	698	492	21: 5: 9	38: 7: 5	70935	-0: 1	0:18	A0	8.50	7.80	47	4	18	106 L	3.7C	28.649
449	683	690	21: 5:11	34: 0:32	70925?	0:27	4:40	A2	8.00	.00	55	7	20	200	10.0C	20.000
450	683	690	21: 5:11	34: 0:32	70934	0: 1	0:56		9.00	9.50	55	7	20	200	10.0C	20.000
451	687	558	21: 5:12	36:46: 8	70936	-0: 1	1:15	A0	8.00	8.00	196	15	140	507 H	3.0L	169.000
452	675	780	21: 5:13	32:17:57	70940	-0: 2	-0: 3	B9	7.50	7.90	94	7	64	179 L	1.0L	179.000
453	695	485	21: 5:13	38: 7:31	70935	0: 3	0:43	A0	8.50	7.80	85	17	19	670	10.0C	67.000
454	691	552	21: 5:13	36:45:31	70936	-0: 0	0:38	A0	8.00	8.00	141	32	21	1626	10.0C	162.600
455	693	559	21: 5:14	36:46:18	70936	0: 2	1:25	A0	8.00	8.00	74	15	17	512	3.7C	138.378
456	635	555	21: 5:15	36:46:24	70936	0: 2	1:31	A0	8.00	8.00	59	9	14	298	3.0C	99.333
457	669	782	21: 5:16	32:18: 6	70940	0: 0	0: 6	B9	7.50	7.90	208	26	132	1129 H	3.0L	376.333
458	677	784	21: 5:16	32:18:28	70940	0: 1	0:28	B9	7.50	7.90	110	25	19	1224	3.7C	330.811
459	619	780	21: 5:17	32:18:14	70940	0: 1	0:14	B9	7.50	7.90	89	22	17	898	3.0C	299.333
460	675	777	21: 5:17	32:17:37	70940	0: 2	-0:23	B9	7.50	7.90	203	47	23	3405	10.0C	340.500
461	699	401	21: 5:19	39:49:35	70928	0:25	-1:42	A3	8.50	8.50	50	4	19	111	10.0C	11.100
462	719	177	21: 5:21	44:27:22	50468	-0: 5	-0:57	B9	7.70	7.10	212	40	122	1936 H	3.0L	645.333
463	720	171	21: 5:24	44:27:39	50468	-0: 2	-0:39	B9	7.70	7.10	269	67	22	5589 H	10.0C	558.900
464	723	175	21: 5:25	44:26:55	50468	-0: 1	-1:23	B9	7.70	7.10	94	15	56	438	1.0L	438.000
465	731	114	21: 5:25	45:42:59	50473	-0: 7	-0:38	A0	8.70	8.40	48	7	21	170	3.7C	45.946
466	723	178	21: 5:25	44:28:33	50468	-0: 1	0:15	B9	7.70	7.10	137	38	17	2119 H	3.7C	572.703
467	663	174	21: 5:26	44:27:57	50468	-0: 0	-0:22	B9	7.70	7.10	110	35	14	1702 H	3.0C	567.333
468	667	853	21: 5:26	30:48:54	70944	0: 2	-1:41		9.00	9.00	67	23	20	742	10.0C	74.200
469	728	107	21: 5:31	45:43:14	50473	-0: 1	-0:23	A0	8.70	8.40	92	38	25	1522 H	10.0C	152.200
470	728	112	21: 5:33	45:44:12	50473	0: 0	0:35	A0	8.70	8.40	144	6	119	137	3.0L	45.667
471	675	737	21: 5:47	33:13:13	70953	-0: 4	1:32	B0	7.50	7.60	303	63	19	5682	3.7C	1535.676
472	665	738	21: 5:49	33:13: 6	70953	-0: 2	1:25	B0	7.50	7.60	71	14	27	432	.2L	1728.000
473	673	734	21: 5:51	33:12:37	70953	-0: 0	0:56	B0	7.50	7.60	259	43	64	3091	1.0L	3091.000
474	673	731	21: 5:53	33:11: 5	70953	0: 2	-0:35	B0	7.50	7.60	395	117	22	1237!	10.0C	1237.100
475	667	736	21: 5:55	33:12:43	70953	0: 3	1: 3	B0	7.50	7.60	395	67	137	5960	3.0L	1986.667
476	717	156	21: 5:57	44:44:49	50480	-0: 2	-0:52	A0	7.20	7.20	66	17	21	552 L	10.0C	55.200
477	616	734	21: 5:60	33:12:55	70953	0: 8	1:15	B0	7.50	7.60	267	54	17	4562	3.0C	1520.667
478	677	632	21: 6:10	35: 9: 6	70962	-0: 3	1:18	A0	8.70	8.50	66	12	22	372	10.0C	37.200
479	656	893	21: 6:13	30: 9:25	70968?	-0:19	9:15	A0	5.70	.00	58	8	24	201?L	3.7C	54.324
480	682	582	21: 6:16	36:17:53							52	8	17	217?	3.7C	58.649
481	652	904	21: 6:27	29:56:50	70968	-0: 5	-3:20	A0	5.70	.00	355	111	20	11767 H	3.7C	3180.270
482	651	897	21: 6:30	29:57:10	70968	-0: 2	-2:59	A0	5.70	.00	425	175	24	23206 H	10.0C	2320.600
483	641	905	21: 6:31	29:56:35	70968	-0: 1	-3:35	A0	5.70	.00	80	16	26	418	.2L	1672.000
484	649	900	21: 6:33	29:57:17	70968	0: 1	-2:53	A0	5.70	.00	223	70	81	4640 H	1.0L	4640.000
485	643	902	21: 6:33	29:57:23	70968	0: 1	-2:47	A0	5.70	.00	398	110	126	10714 H	3.0L	3571.333
486	594	900	21: 6:33	29:56:23	70968	0: 2	-3:47	A0	5.70	.00	317	93	22	9138 H	3.0C	3046.000
487	696	331	21: 6:35	41:22:49	50488	0: 2	-0:10	B9	8.30	8.00	60	9	15	284	3.7C	76.757
488	691	330	21: 6:37	41:22:37	50488	0: 4	-0:22	B9	8.30	8.00	167	10	130	285	3.0L	95.000
489	693	324	21: 6:37	41:23:15	50488	0: 4	0:16	B9	8.30	8.00	108	22	20	989	10.0C	98.900
490	661	788	21: 6:37	32: 4:10	70957?	0:31	8:53	A0	8.60	8.90	56	11	20	317?	10.0C	31.700
491	666	719	21: 6:39	33:25:37	70971	-0: 3	0:29	A0	7.20	7.90	47	4	21	94 L	10.0C	9.400
492	637	327	21: 6:43	41:24:25	50488	0:10	1:25	B9	8.30	8.00	50	6	15	160	3.0C	53.333
493	612	683	21: 6:46	34:12:45							52	4	20	99?	3.0C	33.000
494	705	217	21: 6:47	43:36:21	50491	-0: 3	-1:12	A0	8.20	7.60	85	6	58	137	1.0L	137.000
495	705	220	21: 6:47	43:36:47	50491	-0: 2	-0:45	A0	8.20	7.60	103	23	18	1023 H	3.7C	276.486
496	702	213	21: 6:48	43:37:11	50491	-0: 2	-0:21	A0	8.20	7.60	196	38	26	2736 H	10.0C	273.600
497	701	219	21: 6:49	43:36:39	50491	-0: 1	-0:53	A0	8.20	7.60	188	22	127	822 H	3.0L	274.000
498	646	216	21: 6:49	43:37:20	50491	-0: 1	-0:13	A0	8.20	7.60	82	19	15	757 H	3.0C	252.333
499	681	395	21: 7: 4	40: 2:59	NO						167	6	139	142	3.0L	47.333
500	676	517	21: 7: 4	37:27:17	70980?	-0:14	-7:36	A2	9.80	8.60	55	5	24	139?L	10.0C	13.900

CYGNUS RA 21:24 DEC +37:30

OBJECT NO.	X	Y	R.A.	DEC.	SAO NO.	Δ R.A.	Δ DEC.	SPEC. TYPE	V MAG.	P MAG.	PEAK DEN.	NO. OF POINTS	BO	DENSITY VOLUME	EXP.& FILTER	DEN.VOL/ EXP.
501	676	517	21: 7: 4	37:27:17	70981?	-0:15	6:48		9.30	9.90	55	5	24	139?	10.0C	13.900
502	686	396	21: 7: 5	40: 3:13	NO						48	6	18	143	3.7C	38.649
503	683	389	21: 7: 8	40: 3:42	NO						86	19	19	717	10.0C	71.700
504	681	382	21: 7:30	40:12:18							55	6	20	1772	10.0C	17.700
505	714	85	21: 7:33	46: 8:17	50503	0: 6	1: 7		8.70	9.00	60	19	28	458	10.0C	45.800
506	711	120	21: 7:38	45:38:18	50510	-0: 8	-1:46	B5	7.40	7.60	81	24	57	614	1.0L	614.000
507	651	119	21: 7:39	45:31:26	50510	-0: 9	-0:38	B5	7.40	7.60	107	40	17	1897	3.0C	632.333
508	707	116	21: 7:43	45:31: 7	50510	-0: 4	-0:57	B5	7.40	7.60	264	74	32	6399	10.0C	639.900
509	707	122	21: 7:44	45:31:50	50510	-0: 3	-0:14	B5	7.40	7.60	217	51	126	2460	3.0L	820.000
510	689	289	21: 7:44	42:13:39	50509	-0: 2	-0: 7	A0	7.90	7.70	61	10	17	293	3.7C	79.189
511	686	282	21: 7:45	42:12:51	50509	-0: 1	-0:55	A0	7.90	7.70	110	24	21	1078	10.0C	107.800
512	710	123	21: 7:45	45:31:59	50510	-0: 3	-0: 5	B5	7.40	7.60	135	46	20	2554	3.7C	690.270
513	662	627	21: 7:46	35:18:13	70994	-0: 5	0:58		8.70	8.70	137	15	72	575	1.0L	575.000
514	657	629	21: 7:46	35:18:20	70994	-0: 5	1: 5		8.70	8.70	284	34	143	2013 H	3.0L	671.000
515	671	482	21: 7:48	38: 9:45	70990	0: 3	1: 3		9.10	9.30	48	5	19	124	10.0C	12.400
516	671	482	21: 7:48	38: 9:45	71000?	-0:13	7: 4	A2	8.60	8.20	48	5	19	124	10.0C	12.400
517	657	682	21: 7:51	34:12:38	70998	-0: 7	0:29		8.70	8.70	104	8	68	227	1.0L	227.000
518	665	566	21: 7:51	36:27:26							53	5	23	122?	10.0C	12.200
519	661	624	21: 7:51	35:18: 3	70994	-0: 1	0:48		8.70	8.70	267	59	23	4417 H	10.0C	441.700
520	663	631	21: 7:51	35:17:30	70994	-0: 0	0:15		8.70	8.70	137	30	18	1562 H	3.7C	422.162
521	630	285	21: 7:52	42:14: 1	50509	0: 6	0:15	A0	7.90	7.70	48	6	16	157	3.0C	52.333
522	605	627	21: 7:53	35:18:47	70994	0: 1	1:31		8.70	8.70	131	25	17	1239 H	3.0C	413.000
523	651	684	21: 7:56	34:12:39	70998	-0: 2	0:30		8.70	8.70	223	22	142	972 H	3.0L	324.000
524	711	82	21: 7:56	46:10:34	50503?	0:28	3:25		8.70	9.00	72	34	24	1136?	10.0C	113.600
525	656	678	21: 7:58	34:13:42	70998	-0: 0	1:34		8.70	8.70	186	41	25	2545	10.0C	254.500
526	655	697	21: 7:58	33:51: 3	70999	-0: 1	1:41	A0	8.90	9.30	73	16	20	566	10.0C	56.600
527	658	685	21: 7:58	34:13:11	70998	-0: 0	1: 2		8.70	8.70	97	19	18	835	3.7C	225.676
528	600	681	21: 7:59	34:14:23	70998	0: 1	2:14		8.70	8.70	86	16	17	624	3.0C	208.000
529	669	487	21: 8: 5	38: 3:15	71000	0: 4	0:34	A2	8.60	8.20	85	15	27	502	10.0C	50.200
530	649	691	21: 8: 6	34: 4:58	70998?	0: 7	-7:11		8.70	8.70	176	7	144	171	3.0L	57.000
531	649	691	21: 8: 6	34: 4:58	71005	-0: 2	1:27	A0	8.90	8.60	176	7	144	171	3.0L	57.000
532	697	136	21: 8: 7	45:17: 2	50521	-0: 4	-0:51	B5	6.52	.00	61	20	22	564	.2L	2336.000
533	701	134	21: 8: 7	45:16:43	50521	-0: 4	-1:10	B5	6.52	.00	417	151	138	13331	3.0L	4443.667
534	701	134	21: 8: 7	45:16:43	50531?	-0:24	-4:37	B9	8.40	8.40	417	151	138	13331	3.0L	4443.667
535	654	685	21: 8: 8	34: 4:47	70998?	0:10	-7:22		8.70	8.70	108	31	24	1287	10.0C	128.700
536	654	685	21: 8: 8	34: 4:47	71005	0: 1	1:16	A0	8.90	8.60	108	31	24	1287 H	10.0C	128.700
537	705	135	21: 8: 8	45:16:55	50521	-0: 3	-0:58	B5	6.52	.00	380	107	29?	11574	3.7C	[illegible].216
538	705	135	21: 8: 8	45:16:55	50531?	-0:23	-4:25	B9	8.40	8.40	380	107	29?	11574	3.7C	3124.216
539	656	692	21: 8: 8	34: 5:30	70998?	0:10	-6:39		8.70	8.70	60	10	18	307	3.7C	82.973
540	656	692	21: 8: 8	34: 5:30	71005	0: 1	1:59	A0	8.90	8.60	60	10	18	307	3.7C	82.973
541	598	688	21: 8: 9	34: 6:42	70998?	0:11	-5:27		8.70	8.70	50	7	15	196	3.0C	65.333
542	598	688	21: 8: 9	34: 6:42	71005	0: 2	3:11	A0	8.90	8.60	50	7	15	196	3.0C	65.333
543	705	132	21: 8:10	45:16:23	50521	-0: 1	-1:30	B5	6.52	.00	247	89	60	6008 H	1.0L	6008.000
544	645	131	21: 8:10	45:17:30	50521	-0: 1	-0:23	B5	6.52	.00	350	97	25	9342 H	3.0C	3114.000
545	701	128	21: 8:14	45:17:14	50521	0: 3	-0:39	B5	6.52	.00	432	165	37	22353	10.0C	2235.300
546	701	128	21: 8:14	45:17:14	50531?	-0:17	-4: 6	B9	8.40	8.40	432	165	37	22353 H	10.0C	2235.300
547	642	738	21: 8:18	33: 8:11	NO						161	5	134	113	3.0L	37.667
548	690	205	21: 8:20	43:45: 7	50525?	0: 6	-1:60	A0	8.10	8.00	76	16	25	553 L	10.0C	55.300
549	690	205	21: 8:20	43:45: 7	50529?	-0: 4	-2:28	A0	8.50	.00	76	16	25	553 L	10.0C	55.300
550	648	733	21: 8:23	33: 8: 1							74	19	19	665?	10.0C	66.500
551	653	589	21: 8:33	36: 5:40	71011	0: 7	-2:30		9.10	9.40	175	4	143	104	3.0L	34.667
552	626	924	21: 8:33	29:23:18	89508?	0: 3	-5:38	A2	8.80	8.92	50	13	22	317	10.0C	31.700
553	666	456	21: 8:39	38:44:41	71013?	0: 9	5:46		9.30	9.80	191	29	67	1694	1.0L	1694.000
554	666	456	21: 8:39	38:44:41	71018	-0: 3	-0:43	B3	7.40	7.40	191	29	67	1694	1.0L	1694.000
555	671	375	21: 8:39	40:20:25	50532	0: 6	0:51	B9	8.50	9.10	70	11	23	345 L	10.0C	34.500
556	658	509	21: 8:40	37:42:53	71017	0: 0	0:13	A0	8.50	7.90	176	7	139	195	3.0L	65.000
557	667	459	21: 8:40	38:45:15	71013?	0:10	6:20		9.30	9.80	234	48	18	3885	3.7C	995.946
558	667	459	21: 8:40	38:45:15	71018	-0: 2	-0: 9	B3	7.40	7.40	234	48	18	3885 L	3.7C	995.946
559	664	510	21: 8:40	37:43:21	71017	0: 0	0:42	A0	8.50	7.90	60	10	16	305	3.7C	82.432
560	661	458	21: 8:42	38:46: 2	71013?	0:12	7: 7		9.30	9.80	356	64	137	4492	3.0L	1497.333
561	661	458	21: 8:42	38:46: 2	71018	0: 1	0:38	B3	7.40	7.40	356	64	137	4492	3.0L	1497.333
562	658	460	21: 8:43	38:46:22	71018	0: 2	0:58	B3	7.40	7.40	62	8	25	226	.2L	904.000
563	664	452	21: 8:43	38:45:46	71018	0: 2	0:22	B3	7.40	7.40	365	127	21	9897	10.0C	989.700
564	661	503	21: 8:44	37:43:52	71017	0: 5	1:13	A0	8.50	7.90	109	22	22	1013	10.0C	101.300
565	605	513	21: 8:46	37:37: 9	71017	0: 6	-5:31	A0	8.50	7.90	37	4	15	85	3.0C	28.333
566	608	455	21: 8:48	38:47:55	71018	0: 7	2:31	B3	7.40	7.40	209	43	16	3042	3.0C	1014.000
567	605	506	21: 8:48	37:44:42	71017	0: 8	2: 2	A0	8.50	7.90	49	6	15	164	3.0C	54.667
568	646	722	21: 8:52	33:28:28							50	4	20	181?	3.7C	27.297
569	660	488	21: 8:56	38: 2:41	71024	0: 6	1:56	A0	8.70	8.70	45	4	20	97 L	10.0C	9.700
570	655	590	21: 9: 1	36: 5:51	71032	-0: 2	0:12	B1	6.40	.00	331	94	21	8286 L	3.7C	2239.459
571	663	468	21: 9: 2	38:34:53	71030	0: 3	0:25	B9	8.60	8.60	41	4	17	89 L	3.7C	24.054
572	653	587	21: 9: 3	36: 5:10	71032	0: 0	-0:28	B1	6.40	.00	309	52	68	4203	1.0L	4203.000
573	648	589	21: 9: 4	36: 6:30	71032	0: 1	0:51	B1	6.40	.00	403	99	143	7676 L	3.0L	2558.667
574	644	720	21: 9: 5	33:30:48							73	15	20	532?	3.7C	143.784
575	645	591	21: 9: 7	36: 6:50	71032	0: 4	1:12	B1	6.40	.00	112	21	29	939	.2L	3756.000
576	652	583	21: 9: 7	36: 6:22	71032	0: 3	0:43	B1	6.40	.00	409	180	21	18531	10.0C	1853.100
577	596	586	21: 9:10	36: 8:21	71032	0: 6	2:43	B1	6.40	.00	318	83	18	6968	3.0C	2322.667
578	644	682	21: 9:10	34: 7:47							57	10	20	279?	10.0C	27.900
579	653	547	21: 9:13	36:50:29							58	6	19	183?	10.0C	18.300
580	663	349	21: 9:29	40:57:57	50546	0: 2	-0:50	B5	7.30	.00	355	58	135	4259	3.0L	1419.667
581	667	347	21: 9:30	40:57:47	50546	0: 3	-0:59	B5	7.30	.00	191	32	63	1799	1.0L	1799.000
582	665	343	21: 9:30	40:58:55	50546	0: 3	0: 9	B5	7.30	.00	361	85	22	8192	10.0C	819.200
583	659	351	21: 9:34	40:58:15	50546	0: 7	-0:31	B5	7.30	.00	61	8	25	226	.2L	904.000
584	667	350	21: 9:35	40:58:20	50546	0: 7	-0:27	B5	7.30	.00	237	50	19	3617	3.7C	977.568
585	615	921	21: 9:37	29:26: 6	89520	-0: 3	-4:16	B5	6.77	.00	418	177	24	21810	10.0C	2181.000
586	613	924	21: 9:39	29:25:57	89520	-0: 1	-4:26	B5	6.77	.00	201	73	61	4415 H	1.0L	4415.000
587	607	926	21: 9:39	29:25:55	89520	-0: 1	-4:28	B5	6.77	.00	390	111	124	11012	3.0L	3670.667
588	616	928	21: 9:40	29:25:36	89520	-0: 1	-4:47	B5	6.77	.00	315	102	24	9596	3.7C	2593.514
589	558	924	21: 9:41	29:26:32	89520	0: 1	-3:50	B5	6.77	.00	263	95	22	7792 H	3.0C	2597.333
590	623	854	21: 9:42	30:45:33	71047	0: 3	-0: 1		9.00	8.80	63	18	21	542	10.0C	54.200
591	608	346	21: 9:43	40:59:51	50546	0:16	1: 4	B5	7.30	.00	210	43	15	2972	3.0C	990.667
592	605	928	21: 9:44	29:27:38	89520	0: 3	-2:44	B5	6.77	.00	56	11	27	270	.2L	1080.000
593	616	889	21: 9:47	30: 8: 2							102	10	60	322?	1.0L	322.000
594	659	363	21:10: 2	40:34:33	50556	0: 3	0:33	B8	7.70	7.80	298	65	22	5486	10.0C	548.600
595	653	371	21:10: 6	40:33:55	50556	0: 6	-0:11	B8	7.70	7.80	52	4	27	91	.2L	364.000
596	656	369	21:10: 7	40:33:31	50556	0: 7	-0:35	B8	7.70	7.80	310	43	138	2926 H	3.0L	975.333
597	661	370	21:10: 7	40:34: 2	50556	0: 7	-0: 4	B8	7.70	7.80	183	38	17	2324	3.7C	628.108
598	660	367	21:10: 8	40:33:23	50556	0: 9	-0:43	B8	7.70	7.80	148	25	64	1128 H	1.0L	1128.000
599	684	133	21:10: 8	45:16:40	50560	-0: 7	-0:32		8.90	9.90	158	4	132	97	3.0L	32.333
600	684	128	21:10: 9	45:16:13	50560	-0: 7	-0:59		8.90	8.90	119	48	37	1987	10.0C	198.700

CYGNUS RA 21:24 DEC +37:30

OBJECT NO.	X	Y	R.A.	DEC.	SAO NO.	Δ R.A.	Δ DEC.	SPEC. TYPE	V MAG.	P MAG.	PEAK DEN.	NO. OF POINTS	BG	DENSITY VOLUME	EXP.& FILTER	DEN.VOL/ EXP.
601	604	908	21:10: 9	29:47:44	89524	0:21	0: 7	A0	9.00	9.19	158	11	123	308 H	3.0L	102.667
602	685	117	21:10:12	45:28:34	50561	-0: 7	-1:17	B8	7.90	7.70	210	58	39	4086	10.0C	408.600
603	685	122	21:10:13	45:29: 1	50561	-0: 6	-0:50	B8	7.90	7.70	192	29	135	1040	3.0L	346.667
604	602	366	21:10:15	40:35:31	50556	0:16	1:25	B8	7.70	7.80	163	32	15	1808 H	3.0C	602.667
605	686	135	21:10:15	45:15:43	50560	0: 1	-1:29		8.90	8.90	60	12	24	343	3.7C	92.703
606	627	131	21:10:17	45:16:15	50560	0: 3	-0:57		8.90	8.90	51	10	17	280	3.0C	93.333
607	687	124	21:10:20	45:29:19	50561	0: 2	-0:32	B8	7.90	7.70	97	32	27	1293	3.7C	349.459
608	615	803	21:10:22	31:51: 0	71061	-0: 4	1:33	B9	8.20	8.20	163	8	130	210	3.0L	70.000
609	628	120	21:10:22	45:29:51	50561	0: 3	0: 0	B8	7.90	7.70	87	31	23	1093 H	3.0C	364.333
610	623	805	21:10:23	31:50:38	71061	-0: 3	1:11	B9	8.20	8.20	55	11	16	317	3.7C	85.676
611	621	798	21:10:24	31:49:55	71061	-0: 1	0:28	B9	8.20	8.20	101	28	19	1277	10.0C	127.700
612	564	801	21:10:30	31:51:39	71061	0: 5	2:12	B9	8.20	8.20	47	7	16	183 L	3.0C	61.000
613	646	471	21:10:32	38:21:47	71053?	0:26	-2:37		8.70	8.70	335	91	27	7827	10.0C	782.700
614	646	471	21:10:32	38:21:47	71065	0: 1	0:10	B9	7.70	7.10	335	91	27	7827 H	10.0C	782.700
615	647	474	21:10:34	38:21:44	71065	0: 2	0: 8	B9	7.70	7.10	171	25	65	1257 H	1.0L	1257.000
616	649	433	21:10:34	39: 8:30	71064	0: 3	0: 2	B9	8.40	8.40	61	12	18	368 L	10.0C	36.800
617	648	478	21:10:34	38:21: 8	71065	0: 3	-0:28	B9	7.70	7.10	204	49	19	3018 H	3.7C	815.676
618	642	476	21:10:36	38:21:44	71065	0: 5	0: 8	B9	7.70	7.10	317	50	137	2845 H	3.0L	948.333
619	573	177	21:10:36	44:17:29	50567	-0: 2	-2: 2	B	7.60	7.70	96	23	24	948 L	10.0C	94.800
620	676	184	21:10:37	44:18:16	50567	-0: 2	-1:16	B	7.60	7.70	54	9	18	243 L	3.7C	65.676
621	631	118	21:10:43	45:33:38	50573	-0: 6	-1:41	B8	8.30	8.50	183	39	125	1452 H	3.0L	484.000
622	589	474	21:10:43	38:23:46	71065	0:12	2: 9	B9	7.70	7.10	177	42	16	2402 H	3.0C	800.667
623	684	119	21:10:44	45:34: 3	50561?	0:25	4:12	B8	7.90	7.70	85	27	22	1086	3.7C	293.514
624	684	119	21:10:44	45:34: 3	50573	-0: 6	-1:17	B8	8.30	8.50	85	27	22	1086	3.7C	293.514
625	684	119	21:10:44	45:34: 3	50578?	-0:22	0:13		9.10	9.50	85	27	22	1086	3.7C	293.514
626	685	116	21:10:46	45:33:23	50573	-0: 4	-1:56	B8	8.30	8.50	81	4	57	91 L	1.0L	91.000
627	625	115	21:10:46	45:34:34	50573	-0: 4	-0:45	B8	8.30	8.50	71	26	17	902 H	3.0C	300.667
628	681	112	21:10:50	45:34:24	50573	0: 0	-0:55	B8	8.30	8.50	177	50	34	3304	10.0C	330.400
629	673	157	21:10:59	44:40:55						-	51	5	28	106?	10.0C	10.600
630	630	626	21:11: 4	35:18: 0	71079	-0: 8	1: 2	B8	8.00	7.30	106	9	67	237 L	1.0L	237.000
631	622	716	21:11: 4	33:30:50	71077	-0: 7	1:39	B8	7.09	.00	128	14	67	530 L	1.0L	530.000
632	625	628	21:11: 4	35:17:59	71079	-0: 8	1: 0	B8	8.00	7.30	226	18	143	808	3.0L	269.333
633	622	738	21:11: 5	33: 9: 1							48	8	17	204?	3.7C	55.135
634	622	713	21:11: 6	33:29:44	71077	-0: 5	0:34	B8	7.09	.00	267	56	25	4455	10.0C	445.500
635	624	719	21:11: 6	33:31:38	71077	-0: 5	2:28	B8	7.09	.00	143	29	18	1659	3.7C	448.378
636	616	718	21:11: 8	33:30:42	71077	-0: 3	1:32	B8	7.09	.00	263	26	141	1486	3.0L	495.333
637	629	623	21:11: 9	35:18: 5	71079	-0: 3	1: 7	B8	8.00	7.30	184	40	23	2538	10.0C	253.800
638	631	629	21:11:10	35:18:42	71079	-0: 2	1:44	B8	8.00	7.30	101	21	20	930	3.7C	251.351
639	666	213	21:11:11	43:38:32	50583	-0: 8	-1:29	B3	7.90	7.50	90	8	60	196 L	1.0L	196.000
640	573	626	21:11:11	35:18:45	71079	-0: 1	1:46	B8	8.00	7.30	82	17	17	640	3.0C	213.333
641	662	215	21:11:13	43:38:39	50583	-0: 5	-1:22	B3	7.90	7.50	216	24	132	1058 L	3.0L	352.667
642	565	716	21:11:13	33:31:30	71077	0: 2	2:20	B8	7.09	.00	124	25	17	1255	3.0C	418.333
643	644	416	21:11:13	39:29:30	71078	0: 2	0:30	A0	8.70	8.90	57	9	18	270 L	10.0C	27.000
644	630	548	21:11:14	36:53:54	71082	-0: 3	0:13	A0	8.40	8.00	200	12	136	491 H	3.0L	163.667
645	634	543	21:11:14	36:54: 2	71082	-0: 3	0:21	A0	8.40	8.00	136	27	20	1537	10.0C	153.700
646	687	51	21:11:16	46:44:34	50582	-0: 1	0:12	A0	8.00	7.90	56	22	23	552	10.0C	55.200
647	636	549	21:11:16	36:54:38	71082	-0: 1	0:57	A0	8.40	8.00	71	14	19	470	3.7C	127.027
648	578	546	21:11:18	36:56: 1	71082	0: 1	2:19	A0	8.40	8.00	59	12	14	366	3.0C	122.000
649	663	210	21:11:18	43:38:22	50583	-0: 0	-1:39	B3	7.90	7.50	214	40	31	2839 L	10.0C	283.900
650	665	217	21:11:18	43:37:52	50583	-0: 1	-2: 9	B3	7.90	7.50	105	23	22	1032 L	3.7C	278.919
651	631	566	21:11:24	36:26: 6	71086	-0: 2	0:32	A5	6.05	.00	56	8	20	226 L	10.0C	22.600
652	647	385	21:11:26	40:15:26	50585	0: 2	0:24	B8	8.60	8.80	66	10	16	341 L	3.7C	92.162
653	606	213	21:11:27	43:39:27	50583	0: 9	-0:34	B3	7.90	7.50	91	21	17	863	3.0C	287.667
654	642	383	21:11:33	40:15:57	50585	0: 9	0:55	B8	8.60	8.80	185	13	136	412	3.0L	137.333
655	644	378	21:11:35	40:14:40	50585	0:11	-0:22	B8	8.60	8.80	122	24	21	1196	10.0C	119.600
656	588	381	21:11:42	40:16:47	50585	0:18	1:45	B8	8.60	8.80	58	9	14	265	3.0C	88.333
657	674	125	21:11:46	45:22:47	50592	-0: 8	-1:27	B5	7.40	7.10	172	64	56	3364 H	1.0L	3364.000
658	666	129	21:11:50	45:23:22	50592	-0: 4	-0:52	B5	7.40	7.10	44	4	22	82	.2L	328.000
659	670	127	21:11:50	45:22:55	50592	-0: 3	-1:19	B5	7.40	7.10	380	98	124	8952 H	3.0L	2984.000
660	673	129	21:11:50	45:22:11	50592	-0: 3	-2: 3	B5	7.40	7.10	296	75	19	6918 H	3.7C	1869.730
661	614	125	21:11:53	45:22:40	50592	-0: 1	-1:34	B5	7.40	7.10	242	65	17	5370 H	3.0C	1790.000
662	633	474	21:11:55	38:18:13	71092?	0:13	-2:49		8.70	9.20	73	19	23	603	10.0C	60.300
663	633	474	21:11:55	38:18:13	71096?	0: 4	4: 9		8.80	9.10	73	19	23	603	10.0C	60.300
664	633	474	21:11:55	38:18:13	71098	-0: 3	0:45		8.80	9.10	73	19	23	603	10.0C	60.300
665	670	122	21:11:56	45:21:20	50592	0: 3	-2:54	B5	7.40	7.10	407	122	30	14139 H	10.0C	1413.900
666	600	859	21:11:60	30:45:27	71089?	0:29	1:14		8.90	9.10	94	29	18	1229	3.7C	332.162
667	600	859	21:11:60	30:45:27	71101	-0: 3	0:13	A0	7.80	7.60	94	29	18	1229 H	3.7C	332.162
668	613	707	21:12: 2	33:40: 0	71110	-0:17	4:12	A0	9.00	9.20	98	5	65	134?	1.0L	134.000
669	591	857	21:12: 2	30:45.33	71101	-0: 0	0:19	A0	7.80	7.60	193	23	128	909 H	3.0L	303.000
670	630	494	21:12: 5	37:52:48	71121?	-0:42	2:56	F0	3.82	.00	64	12	20	382?	10.0C	38.200
671	597	855	21:12: 7	30:45:36	71101	0: 4	0:22	A0	7.80	7.60	90	7	61	179	1.0L	179.000
672	625	514	21:12: 8	37:34:51	71104	0: 2	0:25	B3	7.70	7.20	393	93	135	7107	3.0L	2369.000
673	598	853	21:12: 8	30:44:40	71101	0: 5	-0:34	A0	7.80	7.60	178	52	21	3534 H	10.0C	353.400
674	631	516	21:12: 8	37:34:24	71104	0: 2	-0: 2	B3	7.70	7.20	315	82	19	6952	3.7C	1878.919
675	622	517	21:12: 9	37:34: 4	71104	0: 3	-0:22	B3	7.70	7.20	103	20	26	828 H	.2L	3312.000
676	626	499	21:12: 9	37:53:49	71121	-0:39	3:57	F0	3.82	.00	163	9	135	201	3.0L	67.000
677	609	687	21:12:10	34: 6:15	71109	-0: 6	1: 3	B8	7.02	.00	328	38	143	2600	3.0L	866.667
678	609	687	21:12:10	34: 6:15	71112?	-0:12	-0: 6	A2	8.20	8.30	328	38	143	2600	3.0L	866.667
679	614	685	21:12:11	34: 6:19	71109/	-0: 5	1: 7	B8	7.02	.00	175	21	70	1101	1.0L	1101.000
680	614	685	21:12:11	34: 6:19	71112/	-0:11	-0: 2	A2	8.20	8.30	175	21	70	1101	1.0L	1101.000
681	629	512	21:12:12	37:34:49	71104	0: 6	0:23	B3	7.70	7.20	296	45	66	3571 H	1.0L	3571.000
682	628	509	21:12:12	37:35: 0	71104	0: 6	0:34	B3	7.70	7.20	399	157	21	15244 H	10.0C	1524.400
683	614	682	21:12:12	34: 6:34	71109	-0: 4	1:22	B8	7.02	.00	336	74	24	6788	10.0C	678.800
684	614	682	21:12:12	34: 6:34	71112?	-0:10	0:13	A2	8.20	8.30	336	74	24	6788	10.0C	678.800
685	616	689	21:12:12	34: 5:55	71109/	-0: 4	0:43	B8	7.02	.00	196	45	18	2864	3.7C	774.054
686	616	689	21:12:12	34: 5:55	71112/	-0:11	-0:26	A2	8.20	8.30	196	45	18	2864	3.7C	774.054
687	541	856	21:12:13	30:46:22	71101	0:10	1: 8	A0	7.80	7.60	79	27	17	971 H	3.0C	323.667
688	572	512	21:12:16	37:36:59	71104	0:10	2:32	B3	7.70	7.20	298	65	18	5469 H	3.0C	1823.000
689	557	685	21:12:20	34: 8:21	71109/	0: 4	3: 8	B8	7.02	.00	168	35	17	2184 H	3.0C	728.000
690	557	685	21:12:20	34: 8:21	71112/	-0: 2	1:59	A2	8.20	8.30	168	35	17	2184 H	3.0C	728.000
691	628	460	21:12:32	38:34:10	71117	-0: 1	0:39	B9	8.90	8.80	82	14	20	542	10.0C	54.200
692	624	522	21:12:32	37:18:18							48	6	21	142?	10.0C	14.200
693	630	467	21:12:35	38:33:28	71117	0: 2	-0: 3	B9	8.90	8.80	47	5	15	129 L	3.7C	34.865
694	624	466	21:12:37	38:33:53	71117	0: 4	0:21	B9	8.90	8.80	156	4	134	88 L	3.0L	29.333
695	646	234	21:12:47	43:14:54	50610	-0: 7	-0:39		8.90	9.20	160	4	131	104	3.0L	34.667
696	632	394	21:12:54	39:58:23							90	4	62	101?	1.0L	101.000
697	635	319	21:13: 7	41:26:38	50612	0: 8	0:25	A2	8.30	8.60	52	7	19	196 L	10.0C	19.600
698	596	773	21:13: 7	32:17:36	71124	-0: 4	1: 6		8.70	9.20	54	9	19	245	10.0C	24.500
699	644	212	21:13:22	43:34:29							63	5	35	125?	10.0C	12.500
700	619	473	21:13:25	38:18:18							49	6	18	155?	10.0C	15.500

CYGNUS RA 21:24 DEC +37:30

OBJECT NO.	X	Y	R.A.	DEC.	SAO NO.	Δ R.A.	Δ DEC.	SPEC. TYPE	V MAG.	P MAG.	PEAK DEN.	NO. OF POINTS	BG	DENSITY VOLUME	EXP.& FILTER	DEN.VOL/ EXP.
701	614	538	21:13:29	37: 2: 2	71129	-0: 5	-0:35	B8	7.80	7.70	138	18	63	741	1.0L	741.000
702	613	534	21:13:30	37: 3:35	71128	-0: 3	0:58	B8	7.80	7.70	287	58	21	4604	10.0C	460.400
703	609	540	21:13:31	37: 3:10	71128	-0: 3	0:33	B8	7.80	7.70	276	27	139	1636	3.0L	545.333
704	615	541	21:13:32	37: 2:51	71128	-0: 2	0:14	B8	7.80	7.70	144	31	17	1754	3.7C	474.054
705	603	652	21:13:37	34:41:54	71134	-0: 7	1:31	A0	8.30	8.60	64	8	35	163 L	10.0C	16.300
706	557	537	21:13:41	37: 5:24	71128	0: 7	2:47	B8	7.80	7.70	118	26	15	1351 H	3.0C	450.333
707	591	710	21:13:42	33:38:12							178	13	142	3737	3.0L	124.333
708	649	154	21:13:42	44:42:53	50627	-0: 4	-1:51	A0	8.00	7.20	191	46	25	3122 H	10.0C	312.200
709	652	161	21:13:43	44:43:36	50627	-0: 3	-1: 8	A0	8.00	7.20	97	25	18	1092 H	3.7C	292.432
710	593	157	21:13:45	44:43:59	50627	-0: 1	-0:44	A0	8.00	7.20	79	21	15	816 H	3.0C	272.000
711	648	180	21:13:47	44:42:50	50627	0: 1	-1:53	A0	8.00	7.20	182	29	124	1036 H	3.0L	345.333
712	652	119	21:14: 2	45:29:55	50644	-0: 7	-1:25	B9	7.80	7.70	192	32	123	1183 H	3.0L	394.333
713	655	121	21:14: 2	45:29:23	50644	-0: 7	-1:57	B9	7.80	7.70	93	30	21	1204	3.7C	325.405
714	655	118	21:14: 4	45:28:34	50644	-0: 5	-2:47	B9	7.80	7.70	80	4	57	88 L	1.0L	88.000
715	596	117	21:14: 5	45:31: 2	50644	-0: 4	0:19	B9	7.80	7.70	76	25	16	927	3.0C	309.000
716	652	114	21:14: 8	45:29:48	50644	-0: 1	-1:32	B9	7.80	7.70	187	60	23	3885	10.0C	388.500
717	612	444	21:14:29	38:52:49	71147	0: 7	-0:23	A2	8.20	8.30	61	9	20	278 L	10.0C	27.800
718	615	368	21:14:51	40:26: 1							46	5	18	119?	10.0C	11.900
719	581	690	21:14:58	34: 0:50	NO						185	8	143	251	3.0L	83.667
720	586	685	21:15: 1	34: 1:31	NO						88	17	23	694	10.0C	69.400
721	588	691	21:15: 1	34: 2: 2	NO						52	6	18	169	3.7C	45.676
722	621	273	21:15: 3	42:26:30	50671?	-0:26	-1:53	B8	6.09	.00	161	5	129	137 L	3.0L	45.667
723	654	49	21:15: 9	46:44:32	50666?	-0: 3	10:26	A2	8.70	8.80	215	26	32	1937 H	10.0C	193.700
724	609	398	21:15:10	39:49: 8	71156	0: 3	0:20	A0	8.50	8.50	74	10	20	365	10.0C	36.500
725	623	247	21:15:11	42:57:48	50664	-0: 0	-1:13	A3	8.70	8.70	172	10	131	292 H	3.0L	97.333
726	652	59	21:15:11	46:33:25	50666	-0: 1	-0:41	A2	8.70	8.80	50	10	21	254	10.0C	25.400
727	627	249	21:15:11	42:57:26	50664	-0: 1	-1:35	A3	8.70	8.70	70	9	19	317 H	3.7C	85.676
728	624	242	21:15:12	42:58: 3	50664	0: 0	-0:58	A3	8.70	8.70	132	23	26	1183 H	10.0C	118.300
729	595	80	21:15:16	46:35:47	50666	0: 5	1:41	A2	8.70	8.80	52	6	23	136	3.0C	45.333
730	579	731	21:15:18	33: 7: 4	71161	-0: 4	2:54	A2	9.00	9.20	72	16	21	525	10.0C	52.500
731	568	245	21:15:20	42:58:53	50664	0: 9	-0: 8	A3	8.70	8.70	56	9	16	244	3.0C	81.333
732	595	537	21:15:23	36:59:25							52	10	18	264?	10.0C	26.400
733	643	96	21:15:28	45:49:56	50672	-0: 4	-1:53	B9	8.50	8.30	65	22	23	651	10.0C	65.100
734	621	271	21:15:30	42:26: 9	50671	0: 8	-2:14	B8	6.09	.00	245	43	60	3050	1.0L	3050.000
735	605	432	21:15:31	39:10:31	71165	0: 4	-0:33	A0	4.28	.00	174	24	63	1206 L	1.0L	1206.000
736	617	273	21:15:31	42:26: 5	50671	0: 1	-2:18	B8	6.09	.00	383	78	129	5831	3.0L	1943.667
737	621	274	21:15:32	42:26:50	50671	0: 3	-1:23	B8	6.09	.00	300	66	20	5310	3.7C	1435.135
738	606	435	21:15:32	39:11:26	71165	0: 5	0:23	A0	4.28	.00	217	45	17	3133 L	3.7C	846.757
739	613	275	21:15:34	42:26:38	50671	0: 4	-1:45	B8	6.09	.00	74	15	23	486	.2L	1944.000
740	597	436	21:15:35	39:10:56	71165	0: 8	-0: 7	A0	4.28	.00	53	4	25	95 L	.2L	380.000
741	600	434	21:15:35	39:10:19	71165	0: 8	-0:45	A0	4.28	.00	327	36	132	2705 L	3.0L	901.667
742	603	429	21:15:35	39:10:52	71165	0: 8	-0:12	A0	4.28	.00	341	79	21	7198 L	10.0C	719.800
743	618	267	21:15:40	42:27:32	50671	0:11	-0:50	B8	6.09	.00	378	128	25	11727	10.0C	1172.700
744	547	432	21:15:41	39:12:46	71165	0:14	1:43	A0	4.28	.00	186	35	16	2398 L	3.0C	799.333
745	577	655	21:15:46	34:42:55	71173	-0: 6	1:45	B3	4.42	.00	454	340	140?	40522 L	3.0L	13507.333
746	582	653	21:15:47	34:41:53	71173	-0: 5	0:43	B3	4.42	.00	414	212	70	19928	1.0L	19928.000
747	582	649	21:15:47	34:43:42	71173	-0: 5	2:32	B3	4.42	.00	459	504	30	69627 L	10.0C	6962.700
748	562	270	21:15:49	42:29:34	50671	0:19	1:12	B8	6.09	.00	260	59	17	4328	3.0C	1442.667
749	574	657	21:15:51	34:43:33	71173	-0: 0	2:23	B3	4.42	.00	290	66	28	5325	.2L	21300.000
750	619	238	21:15:51	43: 8:30							161	6	128	158?	3.0L	52.667
751	498	886	21:15:53	30: 9: 7	71174	0: 1	2:19	B5	7.80	7.56	114	37	17	1842	3.0C	614.000
752	583	656	21:15:53	34:44: 5	71173	0: 2	2:55	B3	4.42	.00	433	314	21	38108	3.7C	10299.459
753	525	652	21:15:56	34:45:24	71173	0: 4	4:14	B3	4.42	.00	426	288	18	32398	3.0C	10799.333
754	553	886	21:15:57	30: 6:36	71174	0: 6	-0:12	B5	7.80	7.56	113	25	63	774	1.0L	774.000
755	556	890	21:15:57	30: 6:35	71174	0: 5	-0:13	B5	7.80	7.56	139	43	20	2313 L	3.7C	625.135
756	547	887	21:15:58	30: 7:32	71174	0: 6	0:44	B5	7.80	7.56	242	49	125	2698	3.0L	899.333
757	554	883	21:15:60	30: 7:14	71174	0: 8	0:26	B5	7.80	7.56	260	80	22	6527	10.0C	652.700
758	592	457	21:16: 8	38:41:54	71178	0: 0	0:18		9.30	9.60	157	5	130	118	3.0L	39.333
759	595	452	21:16: 9	38:42:31	71178	0: 1	0:56		9.30	9.60	74	30	19	989	10.0C	98.900
760	646	57	21:16:11	46:38:43	50681	-0: 5	-0: 3	B9	7.00	.00	93	28	54	793	1.0L	793.000
761	644	54	21:16:12	46:38:51	50681	-0: 4	0: 4	B9	7.00	.00	294	112	23	9486 H	10.0C	948.600
762	647	61	21:16:14	46:38:28	50681	-0: 2	-0:26	B9	7.00	.00	146	61	18	3512 H	3.7C	949.189
763	587	57	21:16:16	46:38:43	50681	0: 1	-0: 4	B9	7.00	.00	115	54	18	2588 H	3.0C	862.667
764	644	59	21:16:17	46:38:41	50681	0: 1	-0: 6	B9	7.00	.00	230	72	119	3989 H	3.0L	1329.667
765	642	64	21:16:21	46:32:27	50681?	0: 5	-6:20	B9	7.00	.00	151	4	123	104 L	3.0L	34.667
766	612	297	21:16:21	41:58:37	50680	0: 7	-2: 5	A0	8.40	8.20	58	10	16	307	3.7C	82.973
767	609	290	21:16:23	41:59:17	50680	0: 8	-1:25	A0	8.40	8.20	112	19	22	922	10.0C	92.200
768	589	500	21:16:25	37:44: 3	71172?	0:35	-6:35		9.00	9.50	52	6	17	175?	10.0C	17.500
769	607	295	21:16:28	41:58:47	50680	0:11	-1:55	A0	8.40	8.20	162	7	130	185	3.0L	61.667
770	553	293	21:16:31	42: 1:16	50680	0:17	0:34	A0	8.40	8.20	48	5	14	141	3.0C	47.000
771	620	207	21:16:32	43:41:46	50690	-0: 3	-2:19	O	5.06	.00	419	161	62	16615	1.0L	16615.000
772	620	211	21:16:32	43:41:26	50690	-0: 3	-2:39	O	5.06	.00	427	237	24	25051 L	3.7C	6770.541
773	582	568	21:16:35	36:23:33	71191	-0: 7	0: 5	A0	8.40	8.30	103	10	64	290	1.0L	290.000
774	612	212	21:16:36	43:42:17	50690	0: 1	-1:48	O	5.06	.00	246	61	23	4700	.2L	18800.000
775	577	570	21:16:36	36:24:33	71191	-0: 5	1: 5	A0	8.40	8.30	230	19	136	915 H	3.0L	305.000
776	591	565	21:16:38	36:24: 4	71191	-0: 4	0:37	A0	8.40	8.30	191	39	21	2442 H	10.0C	244.200
777	616	204	21:16:39	43:41:58	50690	0: 4	-2: 7	O	5.06	.00	453	399	35	48507 L	10.0C	4850.700
778	583	572	21:16:39	36:24:31	71191	-0: 3	1: 4	A0	8.40	8.30	100	19	16	832 H	3.7C	224.865
779	615	210	21:16:41	43:40:20	50690	0: 6	-3:46	O	5.06	.00	450	295	129	32004	3.0L	10668.000
780	525	568	21:16:41	36:25:53	71191	-0: 0	2:26	A0	8.40	8.30	79	16	15	606 L	3.0C	202.000
781	561	207	21:16:42	43:44: 7	50690	0: 7	0: 1	O	5.06	.00	420	209	18	21698	3.0C	7232.667
782	591	443	21:16:46	38:53:21							61	11	17	341?	10.0C	34.100
783	620	196	21:16:47	43:59:60	50691?	0: 5	7:49		8.60	8.80	46	6	20	138	3.7C	37.297
784	620	196	21:16:47	43:59:60	50697	-0: 2	-1:39	A	8.90	9.10	46	6	20	138	3.7C	37.297
785	538	915	21:16:59	29:31:50	89613	0: 6	-0: 4	A0	7.12	.00	89	10	60	238 L	1.0L	238.000
786	539	915	21:16:59	29:31:50	89617?	-0:14	2:56	A0	9.00	9.42	88	10	60	238	1.0L	238.000
787	532	917	21:16:59	29:31:29	89613	0: 6	-0:25	A0	7.12	.00	186	36	121	1323 H	3.0L	441.000
788	532	917	21:16:59	29:31:29	89617?	-0:14	2:35	A0	9.00	9.42	186	36	121	1323	3.0L	441.000
789	541	920	21:16:59	29:30:39	89613	0: 6	-1:15	A0	7.12	.00	97	36	21	1501	3.7C	405.676
790	541	920	21:16:59	29:30:39	89617?	-0:14	1:45	A0	9.00	9.42	97	36	21	1501	3.7C	405.676
791	482	916	21:17: 1	29:33: 6	89613	0: 8	1:12	A0	7.12	.00	81	31	19	1100 H	3.0C	366.667
792	482	916	21:17: 1	29:33: 6	89617?	-0:12	4:12	A0	9.00	9.42	81	31	19	1100 H	3.0C	366.667
793	539	913	21:17: 2	29:31:18	89613	0: 9	-0:36	A0	7.12	.00	186	72	22	4618 H	10.0C	461.800
794	539	913	21:17: 2	29:31:18	89617?	-0:11	2:24	A0	9.00	9.42	186	72	22	4618 H	10.0C	461.800
795	592	414	21:17: 6	39:31:46	71195	0: 4	-0:29	A0	6.64	.00	128	15	61	591	1.0L	591.000
796	593	417	21:17: 6	39:32:46	71195	0: 3	0:31	A0	6.64	.00	140	28	16	1594	3.7C	430.811
797	590	411	21:17: 8	39:32:14	71195	0: 6	-0: 1	A0	6.64	.00	262	52	22	4024	10.0C	402.400
798	587	416	21:17:10	39:31:30	71195	0: 8	-0:45	A0	6.64	.00	261	25	129	1542	3.0L	514.000
799	534	414	21:17:15	39:34: 6	71195	0:13	1:51	A0	6.64	.00	125	22	25	1017	3.0C	339.000
800	584	491	21:17:19	38: 2:39	NO						77	16	21	496	3.7C	134.054

CYGNUS RA 21:24 DEC +37:30

OBJECT NO.	X	Y	R.A.	DEC.	SAO NO.	Δ R.A.	Δ DEC.	SPEC. TYPE	V MAG.	P MAG.	PEAK DEN.	NO. OF POINTS	BG	DENSITY VOLUME	EXP.& FILTER	DEN.VOL/ EXP.
801	581	485	21:17:23	38: 0:52	NO						140	29	17	1674	10.0C	167.400
802	577	490	21:17:26	38: 1:15							185	14	128	532?	3.0L	177.333
803	525	498	21:17:28	38: 3:57	NO						62	12	13	409	3.0C	136.333
804	598	385	21:17:41	40: 3:21	50711	0: 6	-0:42		8.80	9.00	50	6	18	165	10.0C	16.500
805	605	247	21:17:42	42:57:48							66	35	18	1132?	3.7C	305.946
806	612	163	21:17:50	44:29:44	50716	-0: 2	-2:21		9.00	9.60	64	9	26	270	10.0C	27.000
807	600	231	21:18: 5	43:15: 9							202	15	132	567?	3.0L	189.000
808	546	724	21:18: 7	33:18:11	71220	-0: 8	1:49	A0	6.84	.00	195	16	137	556	3.0L	185.333
809	546	724	21:18: 7	33:18:11	71228?	-0:32	4: 8		8.80	9.40	195	16	137	556	3.0L	185.333
810	551	722	21:18: 9	33:18:30	71220	-0: 6	2: 8	A0	6.84	.00	93	6	64	144 L	1.0L	144.000
811	553	726	21:18:10	33:18:26	71220	-0: 5	2: 4	A0	6.84	.00	87	17	16	695	3.7C	187.838
812	553	726	21:18:10	33:18:26	71228?	-0:29	4:23		8.80	9.40	87	17	16	695	3.7C	187.838
813	454	994	21:18:11	27:52:51							66	29	17	1095?	3.0C	365.000
814	551	719	21:18:11	33:19:15	71220	-0: 4	2:53	A0	6.84	.00	158	38	21	2202	10.0C	220.200
815	495	722	21:18:13	33:21: 1	71220	-0: 2	4:38	A0	6.84	.00	70	15	14	518	3.0C	172.667
816	611	147	21:18:13	44:48: 7							72	17	22	558?	10.0C	55.800
817	596	240	21:18:56	43: 5:29							45	10	21	211?	3.7C	57.027
818	531	777	21:18:57	32:15:28	71237?	-0:19	-8:30	A0	6.03	.00	183	9	132	310?L	3.0L	103.333
819	538	769	21:19:13	32:26:55	71237	-0: 2	2:57	A0	6.03	.00	80	18	20	596 L	3.7C	161.081
820	530	767	21:19:14	32:26:27	71237	-0: 2	2:29	A0	6.03	.00	176	11	132	340 L	3.0L	113.333
821	536	763	21:19:14	32:26:29	71237	-0: 1	2:32	A0	6.03	.00	135	37	20	1915 L	10.0C	191.500
822	480	765	21:19:16	32:29:30	71237?	0: 1	5:32	A0	6.03	.00	60	13	15	405 L	3.0C	135.000
823	607	112	21:19:22	45:28:12	50750	-0: 4	-2:34	A	8.80	9.10	51	9	22	216	10.0C	21.600
824	558	514	21:19:35	37:24:29	71241	-0: 2	-0: 4		9.20	9.40	47	6	17	148	10.0C	14.800
825	611	61	21:19:51	46:27:16	50751	0:20	-3:41	A2	6.71	.00	56	7	22	178 L	10.0C	17.800
826	586	249	21:19:52	42:54:33	50758	-0: 0	-1:17	A0	8.20	8.00	47	4	19	95 L	3.7C	25.676
827	583	242	21:19:59	42:55:10	50758	0: 8	-0:40	A0	8.20	8.00	86	15	29	504	10.0C	50.400
828	526	246	21:20:15	42:55:38	50758	0:23	-0:12	A0	8.20	8.00	37	4	15	85 L	3.0C	28.333
829	542	567	21:20:17	36:25:26	71255	-0: 8	-0: 5	A0	8.40	8.20	169	7	136	184	3.0L	61.333
830	546	562	21:20:19	36:25:25	71255	-0: 7	-0: 6	A0	8.40	8.20	100	19	24	775	10.0C	77.500
831	548	568	21:20:21	36:27: 1	71255	-0: 5	1:30	A0	8.40	8.20	52	7	18	186	3.7C	50.270
832	489	565	21:20:29	36:28:16	71255	0: 4	2:45	A0	8.40	8.20	44	4	15	100	3.0C	33.333
833	554	470	21:20:43	38:25:47	71266	-0: 4	0:35	A0	6.45	.00	69	12	17	406 L	3.7C	109.730
834	548	469	21:20:45	38:24:10	71266	-0: 2	-1: 1	A0	6.45	.00	172	11	129	332 L	3.0L	110.667
835	551	464	21:20:47	38:25:21	71266	-0: 0	0: 9	A0	6.45	.00	134	28	18	1464 L	10.0C	146.400
836	560	363	21:20:58	40:27:59	50772	0: 4	-0:59	B5	7.40	7.30	271	59	20	4622	10.0C	462.200
837	495	467	21:20:59	38:28:56	71266	0:12	1:44	A0	6.45	.00	65	10	15	335 L	3.0C	111.667
838	524	668	21:21: 3	34:22:50							190	10	141	329?	3.0L	109.667
839	562	369	21:21: 3	40:29:34	50772	0: 9	0:37	B5	7.40	7.30	150	30	19	1693 L	3.7C	457.568
840	561	366	21:21: 4	40:28:22	50772?	0:11	-0:36	B5	7.40	7.30	137	22	62	898	1.0L	898.000
841	557	367	21:21: 4	40:29:18	50772	0:10	0:20	B5	7.40	7.30	298	30	134	2034	3.0L	678.000
842	580	185	21:21: 7	44: 1:48	50780	-0: 0	-2:35		8.70	9.00	51	4	24	105	10.0C	10.500
843	503	366	21:21:13	40:30:50	50772	0:19	1:53	B5	7.40	7.30	125	26	15	1299	3.0C	433.000
844	534	547	21:21:19	36:48:18	71277	-0: 7	-0:29		9.10	9.10	165	5	134	124	3.0L	41.333
845	540	549	21:21:21	36:48:43	71277	-0: 5	-0: 4		9.10	9.10	46	5	17	125	3.7C	33.784
846	551	432	21:21:22	39: 6:57	71273	0: 4	-1: 7	B9	7.90	7.40	94	7	62	180 L	1.0L	180.000
847	552	435	21:21:23	39: 8:10	71273	0: 5	0: 6	B9	7.90	7.40	98	16	16	692	3.7C	187.027
848	538	542	21:21:26	36:49:33	71277	-0: 0	0:45		9.10	9.10	85	15	21	577	10.0C	57.700
849	546	433	21:21:27	39: 7:45	71273	0: 9	-0:19	B9	7.90	7.40	203	15	130	632	3.0L	210.667
850	549	428	21:21:27	39: 9: 0	71273	0: 8	0:56	B9	7.90	7.40	164	32	19	2059	10.0C	205.900
851	493	431	21:21:33	39:10:41	71273	0:15	2:37	B9	7.90	7.40	75	12	15	465	3.0C	155.000
952	525	634	21:21:44	34:57:42	71282	-0:10	0:38	A0	8.20	9.10	110	25	19	1188	10.0C	118.800
853	525	634	21:21:44	34:57:42	71284?	-0:24	9: 2	A2	8.10	8.80	110	25	19	1188	10.0C	118.800
854	527	640	21:21:45	34:59:16	71282	-0: 9	2:12	A0	8.20	9.10	62	9	16	299	3.7C	80.811
855	520	638	21:21:46	34:58:41	71282	-0: 8	1:37	A0	8.20	9.10	192	10	140	342	3.0L	114.000
856	468	637	21:21:54	35: 0:31	71282	0: 0	3:27	A0	8.20	9.10	50	6	14	177	3.0C	59.000
857	487	452	21:21:59	38:44:51							48	13	14	364?	3.0C	121.333
858	598	43	21:22: 0	46:51:50	50792?	-0: 1	-5: 7	B2	7.40	7.40	177	8	122	273 L	3.0L	91.000
859	598	43	21:22: 0	46:51:50	50801?	-0:23	-7:36	A	8.90	8.90	177	8	122	273	3.0L	91.000
860	598	35	21:22: 4	46:56:10	50792	0: 2	-0:46	B2	7.40	7.40	73	34	22	1193?L	10.0C	119.300
861	524	576	21:22: 5	36:13: 6	NO						164	4	136	92	3.0L	30.667
862	542	437	21:22: 6	38:56:53	71283	0: 4	0:15	A	8.80	8.80	51	7	17	192	10.0C	19.200
863	527	568	21:22:14	36:16:57	NO						85	34	32	1175	10.0C	117.500
864	529	574	21:22:16	36:18:29	NO						48	10	18?	251	3.7C	67.946
865	506	705	21:22:25	33:38: 6	71300	-0: 6	2:42	A0	8.40	8.90	175	7	141	182	3.0L	60.667
866	511	701	21:22:28	33:37:11	71300	-0: 4	1:48	A0	8.40	8.90	91	22	23	834	10.0C	83.400
867	511	701	21:22:28	33:37:11	71307?	-0:27	8:54	A3	8.00	8.60	91	22	23	834	10.0C	83.400
868	513	707	21:22:28	33:38:45	71300	-0: 3	3:22	A0	8.40	8.90	49	7	17	178	3.7C	48.108
869	562	226	21:22:33	43:12:45	50805	0: 1	-0:52	A	8.80	9.00	85	18	23	641	10.0C	64.100
870	454	704	21:22:36	33:40: 1	71300	0: 5	4:38	A0	8.40	8.90	40	4	15	96 L	3.0C	32.000
871	507	655	21:22:55	34:36:55	NO						193	12	140	431	3.0L	143.667
872	512	651	21:22:55	34:37:20	NO						119	30	19	1435	10.0C	143.500
873	514	657	21:22:56	34:37:37	NO						63	13	15	424	3.7C	114.595
874	431	840	21:23: 2	30:57:14							51	6	16	159?	3.0C	53.000
875	455	654	21:23: 4	34:38:53	71284	0:56	-9:46	A2	8.10	8.80	54	8	15	228	3.0C	76.000
876	553	238	21:23:24	43: 3: 9							159	6	127	157?	3.0L	52.333
877	498	716	21:23:32	33:19:29	71326	-0: 9	3:34		8.10	8.40	62	12	19	365	10.0C	36.500
878	515	559	21:23:35	36:26:49	71313?	0:21	-1:32	A5	8.50	8.50	415	203	24	20836 H	10.0C	2083.600
879	515	559	21:23:35	36:26:49	71329	-0:10	-0:13	B0	5.84	.00	415	203	24	20836 L	10.0C	2083.600
880	517	565	21:23:37	36:28:19	71313?	0:24	-0: 2	A5	8.50	8.50	369	110	22	9598	3.7C	2594.054
881	517	565	21:23:37	36:28:19	71329	-0: 7	1:17	B0	5.84	.00	369	110	22	9598 L	3.7C	2594.054
882	515	562	21:23:39	36:26:52	71329	-0: 5	-0:11	B0	5.84	.00	320	55	67	4362 L	1.0L	4362.000
883	510	563	21:23:41	36:27:34	71313?	0:27	-0:48	A5	8.50	8.50	399	112	138	8400	3.0L	2800.000
884	510	563	21:23:41	36:27:34	71329	-0: 4	0:31	B0	5.84	.00	399	112	138	8400 L	3.0L	2800.000
885	587	42	21:23:42	46:49: 2							250	26	52	2271?	1.0L	2271.000
886	507	566	21:23:43	36:27:16	71329	-0: 1	0:14	B0	5.84	.00	142	21	27	1168	.2L	4672.000
887	550	236	21:23:46	43: 5:15							169	14	125	451?	3.0L	150.333
888	540	315	21:23:47	41:24:24	50828	0: 9	-1: 0		9.10	9.40	64	10	18	330	10.0C	33.000
889	540	315	21:23:47	41:24:24	50839?	-0:16	-6: 3		8.50	9.00	64	10	18	330	10.0C	33.000
890	524	464	21:23:47	38:23:19	71330	-0: 2	5:22	A0	8.30	8.50	62	10	17	321 L	10.0C	32.100
891	458	562	21:23:51	36:28:12	71329	0: 7	1: 9	B0	5.84	.00	346	97	17	8211 L	3.0C	2737.000
892	459	955	21:23:53	28:38:53	89706	-0:18	-0:42	A0	9.20	9.49	100	19	18	8867H	3.7C	239.459
893	575	51	21:23:58	46:44:27	50836?	0: 2	7:59		8.90	9.50	52	5	23	121	.2L	484.000
894	544	271	21:24: 2	42:18:22	50833	0: 8	-0:12	A	8.60	9.10	68	8	25	246	10.0C	24.600
895	546	233	21:24:16	43: 8:26	508567	-0:35	-5:53	A2	8.20	8.40	160	24	125	638 H	3.0L	212.667
896	472	798	21:24:34	31:45:29	71343	-0: 1	4: 8	A2	8.50	8.60	155	4	130	87	3.0L	29.000
897	478	794	21:24:37	31:46:11	71343	0: 2	4:51	A2	8.50	8.60	77	19	20	676	10.0C	67.600
898	479	801	21:24:40	31:45: 6	71343	0: 6	3:46	A2	8.50	8.60	48	5	17	132	3.7C	35.676
899	542	224	21:24:52	43:12:49	50856	0: 1	-1:30	A2	8.20	8.40	77	12	20	436 L	10.0C	43.500
900	544	206	21:24:57	43:34: 4	50859	0: 4	-1:36	B9	7.30	7.50	111	33	20	1433 L	10.0C	143.300

CYGNUS RA 21:24 DEC +37:30

OBJECT NO.	X	Y	R.A.	DEC.	SAO NO.	Δ R.A.	Δ DEC.	SPEC. TYPE	V MAG.	P MAG.	PEAK DEN.	NO. OF POINTS	BG	DENSITY VOLUME	EXP.& FILTER	DEN.VOL/ EXP.
901	547	213	21:24:57	43:34:29	50859	0: 5	-1:12	B9	7.30	7.50	63	9	17	291 L	3.7C	78.849
902	533	279	21:24:58	42:13:23	50861	0: 5	-1:30	A	8.60	8.70	153	7	125	168	3.0L	56.000
903	543	211	21:24:59	43:33:58	50859	0: 7	-1:42	B9	7.30	7.50	153	9	125	204 L	3.0L	68.000
904	537	280	21:24:60	42:13:53	50861	0: 7	-0:60	A	8.60	8.70	52	6	16	161	3.7C	43.514
905	535	273	21:25: 1	42:14:45	50861	0: 8	-0: 8	A	8.60	8.70	96	17	20	760	10.0C	76.000
906	486	209	21:25: 7	43:35:39	50859	0:15	-0: 2	B9	7.30	7.50	54	7	17	192 L	3.0C	64.000
907	538	235	21:25:12	42:59:52	50868	0: 6	-0:56	A0	7.70	7.60	64	10	19	315 L	10.0C	31.500
908	503	539	21:25:15	36:52:45	71358	-0: 4	-1:10	B3	5.20	.00	350	91	68	6997	1.0L	6997.000
909	502	536	21:25:17	36:53:58	71358	-0: 2	0: 3	B3	5.20	.00	427	277	22	30316	10.0C	3031.600
910	504	542	21:25:19	36:54:16	71358	-0: 0	0:15	B3	5.20	.00	391	157	19	14455 L	3.7C	3906.757
911	495	543	21:25:20	36:54:25	71358	0: 1	0:29	B3	5.20	.00	184	27	32	1660	.2L	8640.000
912	497	540	21:25:23	36:53:15	71358	0: 4	-0:41	B3	5.20	.00	418	172	141	14471 L	3.0L	4823.667
913	445	539	21:25:27	36:55:25	71358	0: 9	1:29	B3	5.20	.00	378	134	16	12132	3.0C	4044.000
914	510	392	21:25:38	39:58: 9							87	15	28	5457	.2L	2180.000
915	562	70	21:25:53	46:19:31	50890	-0:11	-1: 4	B5	6.88	.00	260	95	19	8958	3.7C	1880.000
916	559	68	21:25:55	46:19: 2	50890	-0: 9	-1:33	B5	6.88	.00	352	128	123	9636 H	3.0L	3212.000
917	563	66	21:25:56	46:19:20	50890	-0: 8	-1:15	B5	6.88	.00	142	60	54	2753 H	1.0L	2753.000
918	559	64	21:25:57	46:18:54	50890	-0: 7	-1:41	B5	6.88	.00	400	131	28	14890 H	10.0C	1489.000
919	460	816	21:25:60	31:20:17							105	14	80	461?	1.0L	461.000
920	502	67	21:26:11	43:21:42	50890	0: 7	1: 7	B5	6.88	.00	214	72	16	5393 H	3.0C	1797.667
921	439	916	21:26:21	29:16:19	89747?	-0:58	6:25	A2	8.90	8.61	50	7	21	168?	10.0C	16.800
922	448	435	21:26:22	39: 1:13							40	4	12	100?	3.0C	33.333
923	555	58	21:26:31	46:25:45	50911	-0: 9	-1:33		9.20	9.60	87	30	28	1135	10.0C	113.500
924	521	275	21:26:35	42:11:42							49	4	19	108?	10.0C	10.800
925	465	748	21:26:36	32:47:50	71377	-0: 0	4:11	B9	8.30	8.30	51	9	25	244 L	10.0C	24.400
926	517	302	21:26:37	41:38:51	50906	0: 6	-0:35	A0	8.00	8.80	74	13	19	483 L	10.0C	48.300
927	465	681	21:26:48	34: 2:28	71383	-0:13	2:49	A5	8.30	8.50	199	14	139	540 H	3.0L	180.000
928	470	660	21:26:49	34: 1:53	71383?	-0:12	2:14	A5	8.30	8.50	95	4	67	94	1.0L	94.000
929	472	684	21:26:50	34: 2:17	71383	-0:11	2:38	A5	8.30	8.50	74	15	16	526 H	3.7C	142.162
930	470	677	21:26:56	34: 3:13	71383	-0: 5	3:35	A5	8.30	8.50	124	31	22	1561 H	10.0C	156.100
931	413	680	21:27: 4	34: 3:27	71383	0: 3	3:49	A5	8.30	8.50	55	12	15	338 H	3.0C	112.667
932	534	148	21:27: 8	44:41:46	50925	-0: 6	-0:27	B8	6.90	.00	83	20	20	734 L	10.0C	73.400
933	536	155	21:27:15	44:40:47	50925	0: 2	-1:26	B9	6.90	.00	42	5	15	122 L	3.7C	32.973
934	531	180	21:27:16	44: 6:47	50930	-0: 5	-0:20	B2	7.52	.00	154	34	56	1669	1.0L	1669.000
935	548	83	21:27:17	46: 4:17	50935?	-0:28	-8: 8	A3	6.77	.00	46	4	17	1097L	3.7C	29.459
936	488	442	21:27:19	38:55: 2							61	13	26	3557	.2L	1420.000
937	527	182	21:27:19	44: 6:15	50930	-0: 2	-0:52	B2	7.52	.00	325	58	122	4223	3.0L	1407.667
938	527	178	21:27:22	44: 6:28	50930	0: 1	-0:39	B2	7.52	.00	349	73	22	7081	10.0C	708.100
939	530	185	21:27:22	44: 5:36	50930	0: 1	-1:31	B2	7.52	.00	225	42	17	3094 L	3.7C	838.216
940	552	31	21:27:26	46:55:40							57	34	22	906?	10.0C	90.600
941	471	181	21:27:39	44: 7:46	50930	0:18	0:39	B2	7.52	.00	199	37	14	2556	3.0C	852.000
942	452	748	21:27:48	32:39:35	71397	-0: 3	4:11	B8	7.60	7.70	152	22	63	1050 H	1.0L	1050.000
943	454	753	21:27:49	32:38:48	71397	-0: 1	3:24	B8	7.60	7.70	170	43	18	2480	3.7C	672.973
944	446	750	21:27:50	32:38:44	71393?	0:19	6:35		9.00	9.40	305	37	134	2240 H	3.0L	746.667
945	446	750	21:27:50	32:38:44	71397	0: 0	3:20	B8	7.60	7.70	305	37	134	2240 H	3.0L	746.667
946	452	746	21:27:51	32:39:53	71397	0: 0	4:29	B8	7.60	7.70	304	70	23	6144	10.0C	614.400
947	468	615	21:27:53	35:15:29	71402	-0: 9	0:21	A0	7.17	.00	83	22	18	840 L	10.0C	84.000
948	470	621	21:27:54	35:16:52	71402	-0: 7	1:44	A0	7.17	.00	47	6	15	156 L	3.7C	42.162
949	447	776	21:27:56	32: 4:28	71391?	0:27	7: 6		9.00	9.60	46	8	19	149	10.0C	14.900
950	447	776	21:27:56	32: 4:28	71398	0: 6	4:22		8.70	9.10	46	6	19	149	10.0C	14.900
951	395	749	21:27:57	32:40:10	71397	0: 7	4:46	B8	7.60	7.70	149	32	17	1813 H	3.0C	604.333
952	534	125	21:27:58	45:14:56	50942	-0:11	-1:31	B5	6.96	.00	213	43	19	3259 L	3.7C	880.811
953	535	128	21:28: 1	45:15:55	50942	-0: 8	-0:32	B5	6.96	.00	118	30	55	1126	1.0L	1126.000
954	426	901	21:28: 2	29:40:21	89757	0: 5	0: 6	A0	8.30	7.95	41	4	17	91 L	3.7C	24.595
955	531	118	21:28: 4	45:15:38	50942	-0: 5	-0:49	B5	6.96	.00	363	83	22	8301 L	10.0C	830.100
956	531	122	21:28: 5	45:15:22	50942	-0: 3	-1: 5	B5	6.96	.00	288	67	118	4391	3.0L	1463.667
957	463	635	21:28: 5	34:52:23	71407	-0:11	1:56	A0	8.40	8.50	107	27	19	1209	10.0C	120.900
958	458	639	21:28: 6	34:51:19	71407	-0:11	0:52	A0	8.40	8.50	182	8	139	251	3.0L	83.667
959	465	641	21:28: 6	34:52:30	71407	-0:11	2: 4	A0	8.40	8.50	58	9	17	264	3.7C	71.351
960	424	894	21:28:11	29:41:12	89757	0:14	0:60	A0	8.30	7.95	55	16	19	443	10.0C	44.300
961	475	121	21:28:17	45:18:17	50942	0: 8	1:50	B5	6.96	.00	172	44	16	2749	3.0C	916.333
962	406	638	21:28:20	34:52:25	71407	0: 3	1:58	A0	8.40	8.50	50	6	16	159	3.0C	53.000
963	469	536	21:28:23	36:55:26							171	4	134	120?	3.0L	40.000
964	483	443	21:28:25	38:45:35							47	5	17	134?	10.0C	13.400
965	454	695	21:28:32	33:47:18	71404	0:25	1: 0	A3	8.50	9.00	74	48	16	1848 H	3.7C	499.459
966	472	527	21:28:39	37: 4:41	NO						98	5	62	146	1.0L	146.000
967	467	528	21:28:41	37: 5:10							205	10	135	418?	3.0L	138.667
968	423	859	21:28:50	30:22:47	71418	0: 6	2:16	A2	8.50	8.23	47	5	20	124 L	10.0C	12.400
969	469	514	21:28:59	37:17:11							45	4	19	94?	10.0C	9.400
970	505	241	21:29:15	42:52:35	50962	0: 8	-0:33	B9	8.20	8.50	92	9	57	239	1.0L	239.000
971	501	243	21:29:17	42:51:57	50962	0: 9	-1:10	B9	8.20	9.50	202	24	123	1006	3.0L	335.333
972	502	236	21:29:17	42:52:33	50962	0: 9	-0:35	B9	8.20	8.50	179	30	21	2090	10.0C	209.000
973	505	245	21:29:17	42:52:50	50962	0: 9	-0:17	B9	8.20	9.50	100	18	16	759	3.7C	205.135
974	493	323	21:29:19	41:18: 3	50966	0: 4	-1: 1	B9	8.20	8.60	74	11	17	407	3.7C	110.000
975	490	316	21:29:21	41:19: 3	50966	0: 6	-0: 2	B9	8.20	8.60	136	26	20	1363	10.0C	136.300
976	508	192	21:29:23	43:47:44	50988	0: 5	-0:23	A2	8.20	8.68	59	18	19	304	10.0C	30.400
977	488	320	21:29:24	41:19:31	50966	0: 8	0:27	B9	8.20	8.60	167	17	128	635	3.0L	211.667
978	446	242	21:29:26	42:52:39	50962	0:18	-0:29	B9	8.20	8.50	76	16	14	587	3.0C	195.667
979	434	319	21:29:36	41:20:15	50966	0:20	1:10	B9	8.20	8.60	58	9	15	274	3.0C	91.333
980	494	278	21:29:36	42: 5:29	50970	0:12	0:11		8.90	9.20	67	10	19	333	10.0C	33.300
981	495	258	21:29:44	42:29:18	50977	0: 3	0:32	B5	7.30	6.90	256	47	22	3762 L	10.0C	376.200
982	497	261	21:29:47	42:27:54	50977	0: 7	-0:52	B5	7.30	6.90	122	16	60	575 L	1.0L	575.000
983	493	262	21:29:48	42:28:30	50977	0: 9	-0:17	B5	7.30	6.90	254	29	125	1707 L	3.0L	569.000
984	497	265	21:29:48	42:28:11	50977	0: 9	-0:35	B5	7.30	6.90	149	27	17	1482 L	3.7C	400.541
985	438	261	21:29:60	42:30:28	50977	0:19	1:42	B5	7.30	6.90	115	23	14	1135	3.0C	378.333
986	523	83	21:30:10	46: 2: 7	50998	-0:13	-0: 1	A0	8.00	7.50	74	23	17	836 H	3.7C	225.946
987	520	79	21:30:13	46: 3:43	50998	-0:10	1:35	A0	8.00	7.50	158	19	117	579 H	3.0L	193.000
988	520	76	21:30:15	46: 2:48	50998	-0: 8	0:41	A0	8.00	7.50	148	49	19	2977 H	10.0C	297.700
989	464	79	21:30:29	46: 5:21	50998	0: 6	3:13	A0	8.00	7.50	61	19	18	587 H	3.0C	195.667
990	435	667	21:30:35	34:10:55	71446	-0: 3	2:55		8.90	9.20	45	5	19	116	10.0C	11.600
991	417	749	21:30:44	32:36:51	71448	0: 1	3:34	B8	7.17	.00	271	28	133	1676	3.0L	558.667
992	423	745	21:30:44	32:38:22	71448	0: 1	5: 5	B8	7.17	.00	271	65	21	5093	10.0C	509.300
993	422	747	21:30:47	32:37:41	71448	0: 4	4:24	B8	7.17	.00	129	16	62	660	1.0L	660.000
994	424	752	21:30:48	32:37: 3	71448	0: 6	3:46	B8	7.17	.00	142	38	17	2002	3.7C	541.081
995	366	748	21:30:50	32:38:37	71448?	0: 8	5:20	B8	7.17	.00	123	52	17	2118 H	3.0C	706.000
996	468	380	21:30:54	39:59:44	51008	0: 1	-0:41	A2	8.60	8.50	68	13	17	446	10.0C	44.600
997	472	342	21:31: 3	40:46:27							72	10	19	348	10.0C	34.800
998	468	369	21:31: 3	40:14:45	51011	0: 6	-0: 4		9.10	9.00	51	7	18	188	10.0C	18.800
999	474	333	21:31:19	41: 3:60	51022	0: 4	-1:12		9.90	8.80	44	4	15	101	3.7C	27.297
1000	438	583	21:31:20	35:51:21	NO						74	16	18	588	10.0C	58.800

CYGNUS RA 21:24 DEC +37:30

OBJECT NO.	X	Y	R.A.	DEC.	SAO NO.	Δ R.A.	Δ DEC.	SPEC. TYPE	V MAG.	P MAG.	PEAK DEN.	NO. OF POINTS	BG	DENSITY VOLUME	EXP.& FILTER	DEN.VOL/ EXP.
1001	471	326	21:31:21	41: 5: 2	51022	0: 6	-0: 9		8.90	8.80	82	15	18	568	10.0C	56.800
1002	440	589	21:31:21	35:51:23							44	4	16	93?	3.7C	25.135
1003	469	330	21:31:22	41: 5:17	51022	0: 7	0: 5		8.90	8.80	156	5	129	118	3.0L	39.333
1004	397	852	21:31:30	30:27:41							39	4	17	87?	10.0C	8.700
1005	504	113	21:31:32	45:23:18							150	9	119	226?	3.0L	75.333
1006	454	469	21:31:33	38:17:19	71461	-0: 0	-0:58	B9	8.00	.00	141	23	18	1298	3.7C	350.811
1007	419	729	21:31:34	33: 3:43	71465	-0: 6	4:13	A0	7.70	7.80	47	6	17	152 L	3.7C	41.081
1008	448	467	21:31:35	38:15:57	71461	0: 1	-2:20	B9	8.00	.00	261	22	130	1345 H	3.0L	448.333
1009	411	726	21:31:36	33: 3:17	71465	-0: 3	3:48	A0	7.70	7.80	163	6	131	155	3.0L	51.667
1010	451	463	21:31:36	38:17: 9	71461	0: 3	-1: 8	B9	8.00	.00	250	47	20	3703	10.0C	370.300
1011	481	243	21:31:37	42:44:30	51029	0: 5	-0:27	A0	8.20	8.10	146	25	20	1444	10.0C	144.400
1012	452	465	21:31:38	38:16:41	71461	0: 5	-1:36	B9	8.00	.00	124	14	62	541	1.0L	541.000
1013	360	726	21:31:41	33: 3:53	71465	0: 2	4:23	A0	7.70	7.80	42	4	14	97 L	3.0C	32.333
1014	417	723	21:31:41	33: 3:31	71465	0: 1	4: 2	A0	7.70	7.80	85	20	18	812	10.0C	81.200
1015	395	466	21:31:42	38:18:29	71461	0: 8	0:12	B9	8.00	.00	113	22	14	1087 H	3.0C	362.333
1016	459	393	21:31:43	39:43:23	71464	0: 5	0:18		8.80	8.90	129	25	18	1306	10.0C	130.600
1017	483	250	21:31:43	42:44:35	51029	0:11	-0:22	A0	8.20	8.10	76	11	18	399	3.7C	107.838
1018	479	247	21:31:44	42:44:44	51029	0:12	-0:14	A0	8.20	8.10	168	11	121	353	3.0L	117.667
1019	456	397	21:31:46	39:42: 9	71464	0: 7	-0:55		8.80	8.90	189	10	133	356	3.0L	118.667
1020	456	397	21:31:46	39:42: 9	71471?	-0:28	5:50		9.20	9.50	189	10	133	356	3.0L	118.667
1021	461	400	21:31:47	39:42: 9	71464	0: 8	-0:56		8.80	8.90	66	11	15	368	3.7C	99.459
1022	424	246	21:31:53	42:45:34	51029?	0:21	0:37	A0	8.20	8.10	62	9	14	306	3.0C	102.000
1023	451	439	21:31:54	38:45:58							58	6	17	172?	10.0C	17.200
1024	402	396	21:31:56	39:43:15	71464	0:17	0:10		8.80	8.90	54	9	14	265	3.0C	88.333
1025	402	396	21:31:56	39:43:15	71471?	-0:18	6:55		9.20	9.50	54	9	14	265	3.0C	88.333
1026	430	596	21:32: 1	35:35: 8	71470	-0:11	3: 6	A2	7.80	8.30	53	9	18	250?	10.0C	25.000
1027	350	757	21:32:13	32:25:15							41	8	14	197?	3.0C	65.667
1028	503	94	21:32:25	45:48: 3	51041	-0: 3	1:43	B9	8.70	8.00	94	32	18	1308 H	3.7C	353.514
1029	500	91	21:32:26	45:48:14	51041	-0: 1	1:55	B9	8.70	8.00	180	40	118	1407	3.0L	469.000
1030	500	88	21:32:30	45:47:35	51041	0: 2	1:15	B9	8.70	8.00	182	53	21	3755 H	10.0C	375.500
1031	394	761	21:32:37	32:24: 2							51	10	24	238?	.2L	952.000
1032	444	91	21:32:39	45:43:50	51041	0:11	-2:30	B9	8.70	8.00	71	25	15	947 H	3.0C	315.667
1033	444	91	21:32:39	45:43:50	51045?	0: 4	8:44		8.90	9.50	71	25	15	947 H	3.0C	315.667
1034	387	450	21:32:45	38:36: 1							40	12	12	283?	3.0C	94.333
1035	466	258	21:33: 1	42:26:13	51055	0: 2	0:59		9.10	9.30	78	15	19	553	10.0C	55.300
1036	386	795	21:33: 2	31:38:54	71483?	0: 9	5:17	A0	7.21	.00	180	18	124	631	3.0L	210.333
1037	335	796	21:33: 2	31:37:25	71483	0: 9	3:49	A0	7.21	.00	63	16	20	451	3.0C	150.333
1038	394	799	21:33: 2	31:38:14	71483	0: 9	4:38	A0	7.21	.00	76	17	18	598	3.7C	161.622
1039	392	792	21:33: 4	31:39:26	71483?	0:12	5:50	A0	7.21	.00	136	45	24	2069	10.0C	206.900
1040	468	265	21:33: 6	42:24:60	51055	0: 7	-0:14		9.10	9.30	44	4	16	94	3.7C	25.405
1041	509	35	21:33: 7	46:55:27	51057	-0: 3	3:29	A0	8.20	7.70	62	25	17	785	3.7C	212.162
1042	506	32	21:33:11	46:55:34	51057	0: 2	3:35	A0	8.20	7.70	154	19	121	482	3.0L	160.667
1043	506	28	21:33:11	46:56:11	51057	0: 2	4:12	A0	8.20	7.70	126	58	21	2993 H	10.0C	299.300
1044	478	198	21:33:13	43:44:16							53	8	15	244?	3.7C	65.946
1045	475	207	21:33:15	43:28:38	51058	0: 3	-0: 8	B8	6.70	.00	223	43	58	2674	1.0L	2674.000
1046	475	212	21:33:15	43:27:51	51058	0: 2	-0:55	B8	6.70	.00	282	54	18	4458	3.7C	1204.865
1047	472	205	21:33:16	43:28:53	51058	0: 3	0: 7	B8	6.70	.00	384	107	22	9773	10.0C	977.300
1048	471	209	21:33:17	43:27:51	51058	0: 5	-0:55	B8	6.70	.00	374	67	125	5677 H	3.0L	1892.333
1049	467	211	21:33:20	43:29: 4	51058	0: 7	0:18	B8	6.70	.00	57	10	23	269	.2L	1076.000
1050	381	447	21:33:25	38:38:50							49	17	13	470?	3.0C	156.667
1051	500	46	21:33:25	46:34:50							49	9	22	216?	10.0C	21.600
1052	449	31	21:33:27	46:49:50	51057	0:18	-2: 9	A0	8.20	7.70	50	16	17	419 H	3.0C	139.667
1053	421	562	21:33:27	35:13:42	71492	-0: 4	-0:57		9.10	9.20	46	6	17	143	10.0C	14.300
1054	387	796	21:33:31	31:33:44	71483	0:38	0: 7	A0	7.21	.00	68	15	19	485 L	10.0C	48.500
1055	416	208	21:33:32	43:28:36	51058	0:19	-0:10	B8	6.70	.00	256	46	15	3701 H	3.0C	1233.667
1056	307	898	21:33:33	29:31:26	89826	0: 0	0: 9	B	8.40	7.74	103	42	15	1983	3.0C	661.000
1057	357	898	21:33:39	29:31: 7	89826	0: 6	-0: 9	B	8.40	7.74	226	54	118	2874	3.0L	958.000
1058	366	901	21:33:39	29:31:55	89826	0: 6	0:39	B	8.40	7.74	121	49	18	2476	3.7C	669.189
1059	363	896	21:33:40	29:32:11	89826	0: 6	0:54	B	8.40	7.74	102	25	58	779	1.0L	779.000
1060	364	895	21:33:42	29:31:51	89826	0: 9	0:34	B	8.40	7.74	240	84	22	6711	10.0C	671.100
1061	429	501	21:33:42	37:36: 0	71499	-0: 7	-0:21		8.60	8.70	91	33	16	1426	3.7C	385.405
1062	429	501	21:33:42	37:36: 0	71504?	-0:24	-3: 6	A0	8.20	8.00	91	33	16	1426	3.7C	385.405
1063	427	497	21:33:46	37:35:15	71499	-0: 3	-1: 6		8.60	8.70	106	10	63	309	1.0L	309.000
1064	422	499	21:33:48	37:34:16	71499?	-0: 1	-2: 6		8.60	8.70	215	28	132	1299 H	3.0L	433.000
1065	422	499	21:33:48	37:34:16	71504?	-0:18	-4:50	A0	8.20	8.00	215	28	132	1299 H	3.0L	433.000
1066	426	495	21:33:52	37:35:44	71499?	0: 3	-0:37		8.60	8.70	194	54	20	3944 H	10.0C	394.400
1067	426	495	21:33:52	37:35:44	71504	-0:14	-3:22	A0	8.20	8.00	194	54	20	3944 H	10.0C	394.400
1068	370	498	21:33:56	37:35:46	71499?	0: 7	-0:35		8.60	8.70	82	29	16	1038	3.0C	346.000
1069	370	498	21:33:56	37:35:46	71504	-0:10	-3:20	A0	8.20	8.00	82	29	16	1038 H	3.0C	346.000
1070	473	150	21:34:14	44:32:49	51088	-0: 5	0:32		9.00	9.20	65	14	19	453	10.0C	45.300
1071	416	536	21:34:37	36:52:36							47	4	15	118?	3.7C	31.892
1072	455	236	21:34:40	42:50:23	51099	0: 4	0:18	A2	8.70	8.70	59	8	21	220	10.0C	22.000
1073	376	786	21:34:57	31:51:35							51	6	18	162?	3.7C	43.784
1074	313	797	21:35: 3	31:31:46							40	4	15	96?	3.0C	32.000
1075	455	185	21:35:42	43:48: 5	51110	0: 7	-1:36	A0	8.90	8.90	50	6	19	159 L	10.0C	15.900
1076	431	331	21:35:43	40:55: 1							55	7	19	195?	10.0C	19.500
1077	420	427	21:35:45	39: 4:29	71538	-0: 2	-1: 0	B9	6.66	.00	153	28	16	1598 L	3.7C	431.892
1078	418	421	21:35:48	39: 4:25	71538	0: 1	-1: 4	B9	6.66	.00	266	50	18	4269	10.0C	426.900
1079	285	889	21:35:50	29:37:49	89862	0: 1	-0: 6	A0	8.40	8.02	43	8	16	187	3.0C	62.333
1080	419	423	21:35:51	39: 3:37	71538	0: 5	-1:52	B9	6.66	.00	125	14	63	519	1.0L	519.000
1081	414	424	21:35:56	39: 3:46	71538	0: 9	-1:43	B9	6.66	.00	259	23	134	1305	3.0L	435.000
1082	343	893	21:35:56	29:38:14	89862	0: 7	0:19	A0	8.40	8.02	51	14	18	386	3.7C	104.324
1083	334	889	21:35:57	29:38:26	89862	0: 8	0:31	A0	8.40	8.02	144	10	115	248	3.0L	82.667
1084	341	887	21:35:59	29:38:13	89862	0:10	0:19	A0	8.40	8.02	97	44	20	1844	10.0C	184.400
1085	361	423	21:36: 0	39: 5:23	71538	0:13	-0: 6	B9	6.66	.00	117	25	14	1254	3.0C	418.000
1086	434	294	21:36: 0	41:38:56	51118	0: 1	-0:21	A0	8.70	8.60	66	13	19	418	10.0C	41.800
1087	368	700	21:36: 9	33:31:38							83	15	30	484?	.2L	1936.000
1088	406	439	21:36:44	38:41:20	71557	-0: 5	-0:35		8.60	8.80	83	17	18	667	10.0C	66.700
1089	408	445	21:36:48	38:41:13	71557	-0: 1	-0:42		8.60	8.80	48	7	16	172	3.7C	46.486
1090	402	442	21:36:51	38:40:35	71557	0: 2	-1:20		8.60	8.80	165	4	134	103	3.0L	34.333
1091	442	192	21:36:59	43:38:39	51140	-0: 2	-1: 9		8.90	8.90	50	7	19	180	10.0C	18.000
1092	445	168	21:37: 5	44: 6: 9	51146?	-0:11	8:41	A5	8.70	8.80	57	6	25	152?	10.0C	15.200
1093	462	72	21:37:22	46: 0:49	51150	0: 0	3:54	B9	8.20	7.70	58	16	19	485 L	10.0C	48.500
1094	448	138	21:37:24	44:40:48							52	5	18	141?	10.0C	14.100
1095	415	360	21:37:27	40:24:27	51151	0: 3	-0:10	A0	8.10	7.70	80	14	18	545	3.7C	147.297
1096	414	356	21:37:29	40:23:39	51151	0: 5	-0:58	A0	8.10	7.70	92	5	61	129	1.0L	129.000
1097	412	354	21:37:29	40:24:24	51151	0: 5	-0:13	A0	8.10	7.70	170	31	21	1016	10.0C	181.600
1098	426	258	21:37:32	42:20:54	51152	0: 3	1:23		9.10	9.60	51	7	17	194	10.0C	19.400
1099	409	357	21:37:35	40:23:44	51151	0:11	-0:53	A0	8.10	7.70	199	14	132	560 H	3.0L	186.667
1100	355	357	21:37:42	40:23:59	51151	0:17	-0:38	A0	8.10	7.70	69	13	13	456	3.0C	152.000

CYGNUS RA 21:24 DEC +37:30

OBJECT NO.	X	Y	R.A.	DEC.	SAO NO.	Δ R.A.	Δ DEC.	SPEC. TYPE	V MAG.	P MAG.	PEAK DEN.	NO. OF POINTS	BG	DENSITY/ VOLUME	EXP.& FILTER	DEN.VOL/ EXP.
1101	442	169	21:37:53	44:11:24	51161	-0: 5	-0:53	B9	6.70	.00	136	30	17	1682	3.7C	454.595
1102	439	165	21:37:58	44:12:12	51161	-0: 0	-0: 5	B9	6.70	.00	186	30	116	1071	3.0L	357.000
1103	439	163	21:37:58	44:11: 6	51161	0: 1	-1:11	B9	6.70	.00	265	53	20	4380	10.0C	438.000
1104	442	164	21:38: 1	44:11:46	51161	0: 3	-0:52	B9	6.70	.00	90	14	54	389 L	1.0L	389.000
1105	444	131	21:38: 5	44:47:19							47	4	21	93?	10.0C	9.300
1106	392	166	21:38:15	44:10:32	51161	0:17	-1:45	B9	6.70	.00	114	26	13	1324	3.0C	441.333
1107	408	335	21:38:35	40:53: 7	51171	-0: 1	-0:38		8.90	8.90	52	4	21	102	3.7C	27.568
1108	305	919	21:38:36	28:53:59							49	4	20	103?	10.0C	10.300
1109	403	332	21:38:37	40:52:29	51171	0: 2	-1:16		8.90	8.90	161	4	133	100	3.0L	33.333
1110	405	329	21:38:37	40:53: 5	51171	0: 1	-0:40		8.90	8.90	95	16	26	651	10.0C	65.100
1111	403	327	21:39:16	41: 2:10	51178	0: 4	-0:57	A0	9.40	8.00	54	8	17	226	3.7C	61.081
1112	401	320	21:39:18	41: 3:25	51178	0: 6	0:17	A0	8.40	8.00	106	19	21	845	10.0C	84.500
1113	399	323	21:39:19	41: 2:43	51178	0: 8	-0:24	A0	8.40	8.00	156	6	126	148	3.0L	49.333
1114	344	323	21:39:24	41: 3: 4	51178	0:12	-0: 4	A0	8.40	8.00	44	5	14	126	3.0C	42.000
1115	336	736	21:39:26	32:36: 3							57	4	20	129?	10.0C	12.900
1116	322	776	21:39:30	31:50:18							154	6	121	160?	3.0L	53.333
1117	397	350	21:39:35	40:33:43	51187/	0: 5	-0:19		9.20	9.30	66	11	16	365	3.7C	98.649
1118	397	350	21:39:35	40:33:43	51189/	0: 1	-0:56	A0	6.05	.00	66	11	16	365 L	3.7C	98.649
1119	392	346	21:39:37	40:34:14	51187?	0: 8	0:13		9.20	9.30	165	7	130	196	3.0L	65.333
1120	392	346	21:39:37	40:34:14	51189?	0: 4	-0:25	A0	6.05	.00	165	7	130	196 L	3.0L	65.333
1121	394	343	21:39:37	40:34:58	51187?	0: 8	0:56		9.20	9.30	112	23	19	1126	10.0C	112.600
1122	394	343	21:39:37	40:34:58	51189	0: 4	0:19	A0	6.05	.00	112	23	19	1126 L	10.0C	112.600
1123	338	346	21:39:43	40:34:38	51187/	0:14	0:36		9.20	9.30	52	8	13	232	3.0C	77.333
1124	338	346	21:39:43	40:34:39	51189/	0: 9	-0: 1	A0	6.05	.00	52	8	13	232 L	3.0C	77.333
1125	393	363	21:39:49	40:18: 3	51196	0: 2	0:13	A0	7.60	8.10	58	7	21	200 L	3.7C	54.054
1126	390	357	21:39:50	40:16:49	51196	0: 3	-1: 0	A0	7.60	8.10	108	21	17	980	10.0C	98.000
1127	387	360	21:39:57	40:17: 7	51196	0: 9	-0:42	A0	7.60	8.10	158	5	129	117 L	3.0L	39.000
1128	333	360	21:40: 2	40:16:19	51196	0:15	-1:31	A0	7.60	8.10	46	6	13	158 L	3.0C	52.667
1129	362	540	21:40:11	36:39:40	71625	-0: 6	-0:40		8.90	8.70	145	36	16	1997	3.7C	539.730
1130	362	540	21:40:11	36:39:40	71633?	-0:32	0:50		8.90	9.50	145	36	16	1997	3.7C	539.730
1131	360	536	21:40:13	36:37:19	71625	-0: 6	-3: 1		8.90	8.70	145	18	63	791 M	1.0L	791.000
1132	359	534	21:40:15	36:39:29	71625	-0: 4	-1:51		8.90	8.70	282	60	20	5186 H	10.0C	518.600
1133	359	534	21:40:15	36:38:29	71633?	-0:29	-0:22		8.90	9.50	282	60	20	5186 H	10.0C	518.600
1134	355	537	21:40:16	36:38:33	71625	-0: 3	-1:47		8.90	8.70	289	28	136	1779	3.0L	593.000
1135	355	537	21:40:16	36:38:33	71633?	-0:29	-0:17		8.90	9.50	289	28	136	1779	3.0L	593.000
1136	303	537	21:40:17	36:38:24	71625	-0: 2	-1:56		8.90	8.70	129	29	16	1515 H	3.0C	505.000
1137	303	537	21:40:17	36:38:24	71633?	-0:27	-0:27		8.90	9.50	129	29	16	1515 H	3.0C	505.000
1138	389	329	21:40:22	40:50:15	51207	0: 0	-0:39	A0	5.48	.00	269	47	20	4133 L	10.0C	413.300
1139	392	335	21:40:22	40:51:28	51207	-0: 0	0:35	A0	5.48	.00	156	29	16	1711 L	3.7C	482.432
1140	391	331	21:40:23	40:49:16	51207	0: 1	-1:37	A0	5.48	.00	118	12	61	419	1.0L	419.000
1141	387	332	21:40:24	40:50:40	51207	0: 2	-0:13	A0	5.48	.00	241	26	126	1406	3.0L	468.667
1142	333	332	21:40:28	40:49:52	51207	0: 6	-1: 2	A0	5.48	.00	124	23	14	1211 L	3.0C	403.667
1143	371	432	21:40:56	38:50:54							46	7	15	187?	3.7C	50.541
1144	417	138	21:41: 0	44:35:15	51220	0: 0	-0:31	A3	8.30	8.50	58	15	18	445	10.0C	44.500
1145	360	465	21:41:15	38: 2: 6	71637?	0:22	4:45		8.30	8.40	318	71	20	6205	10.0C	620.500
1146	360	465	21:41:15	38: 2: 6	71643	-0: 6	-1: 8	A0	5.62	.00	318	71	20	6205	10.0C	620.500
1147	360	465	21:41:15	38: 2: 6	71646?	-0:17	-2:24	A0	6.87	.00	318	71	20	6205	10.0C	620.500
1148	361	467	21:41:16	38: 0:52	71643	-0: 5	-2:23	A0	5.62	.00	139	17	63	719	1.0L	718.000
1149	362	472	21:41:17	38: 0:36	71637?	0:24	3:15		8.30	8.40	176	35	17	2317	3.7C	626.216
1150	362	472	21:41:17	38: 0:36	71643	-0: 5	-2:39	A0	5.62	.00	176	35	17	2317	3.7C	626.216
1151	362	472	21:41:17	38: 0:36	71646?	-0:16	-3:55	A0	6.87	.00	176	35	17	2317	3.7C	626.216
1152	356	468	21:41:19	38: 0:48	71637?	0:26	3:27		8.30	8.40	275	40	131	2058	3.0L	686.000
1153	356	468	21:41:19	38: 0:48	71643	-0: 2	-2:27	A0	5.62	.00	275	40	131	2058	3.0L	686.000
1154	356	468	21:41:19	38: 0:48	71646?	-0:13	-3:42	A0	6.87	.00	275	40	131	2058	3.0L	686.000
1155	303	468	21:41:24	38: 0:27	71643	0: 2	-2:48	A0	5.62	.00	154	33	14	1905	3.0C	635.000
1156	303	468	21:41:24	38: 0:27	71646?	-0: 9	-4: 4	A0	6.87	.00	154	33	14	1905	3.0C	635.000
1157	304	780	21:41:41	31:39: 6							76	29	20	1168?	10.0C	116.800
1158	361	435	21:41:46	38:39:30							102	7	62	200?	1.0L	200.000
1159	382	285	21:42: 3	41:41:59	51237	0: 2	1: 1		9.00	9.40	47	5	19	122	10.0C	12.200
1160	328	612	21:42:13	35: 0:51	71654	-0: 0	-0:38	A0	8.50	8.30	57	12	18	355	10.0C	35.500
1161	208	915	21:42:14	28:52: 5	89948	-0: 1	-5:44	A0	7.40	7.06	41	6	15	137 L	3.0C	45.667
1162	266	918	21:42:22	28:54:35	89948	0: 7	-3:14	A0	7.40	7.06	41	5	18	107 L	3.7C	28.919
1163	265	912	21:42:26	28:54:45	89948	0:11	-3: 3	A0	7.40	7.06	79	41	18	1505	10.0C	150.500
1164	338	529	21:42:30	36:40:56	71661	-0:10	-2:31	A0	9.10	9.00	45	4	18	101 L	10.0C	10.100
1165	263	892	21:43: 5	29:18:31							66	33	20	1021?	10.0C	102.100
1166	384	212	21:43:12	43: 7:18	51256	-0: 4	1:15	A	8.50	8.80	59	10	20	287	10.0C	28.700
1167	384	212	21:43:12	43: 7:18	51257?	-0: 7	4: 2		8.70	9.10	59	10	20	287	10.0C	28.700
1168	409	84	21:43:14	45:32:57	51259	-0: 7	2:45		9.90	9.30	49	9	21	218	10.0C	21.800
1169	333	506	21:43:22	37: 8:41	71674	-0: 7	-1:30	A0	8.80	8.30	119	26	17	1447	10.0C	144.700
1170	335	512	21:43:24	37: 8:22	71674	-0: 4	-1:50	A0	8.80	8.30	62	12	16	380	3.7C	102.703
1171	329	508	21:43:25	37: 8:22	71674	-0: 4	-1:49	A0	8.80	8.30	174	6	140	162	3.0L	54.000
1172	276	509	21:43:29	37: 5:48	71674	-0: 0	-4:24	A0	8.80	8.30	47	5	21	112	3.0C	37.333
1173	398	167	21:43:47	43:57:59							44	5	20	108?	10.0C	10.80
1174	327	505	21:43:60	37: 7:33	71680	-0: 7	-1:57	B9	8.70	8.30	119	28	17	1487	10.0C	148.700
1175	396	117	21:44: 1	44:55:22	51272	0: 2	-0:10	A0	8.50	8.80	71	27	19	943	10.0C	94.300
1176	396	117	21:44: 1	44:55:22	51275?	-0: 5	2:54	B9	8.90	9.10	71	27	19	943	10.0C	94.300
1177	323	506	21:44: 2	37: 7:10	71680	-0: 5	-2:20	B9	8.70	8.30	184	9	132	318	3.0L	106.000
1178	329	512	21:44: 2	37: 7:13	71674?	0:33	-2:59	A0	8.80	8.30	66	13	16	421	3.7C	113.784
1179	329	512	21:44: 2	37: 7:13	71680	-0: 5	-2:18	B9	8.70	8.30	66	13	16	421	3.7C	113.784
1180	270	508	21:44: 7	37: 5:54	71680	-0: 0	-3:37	B9	8.70	8.30	47	9	14	228	3.0C	76.000
1181	344	385	21:44:18	39:36: 5	71684	-0: 5	-1: 3	A0	8.30	8.10	80	17	21	620	10.0C	62.000
1182	372	224	21:44:21	42:51:24	51277	0: 4	1:40	A0	6.43	.00	49	6	18	163 L	10.0C	16.300
1183	346	391	21:44:22	39:35:45	71684	-0: 1	-1:23	A0	8.30	8.10	48	6	19	143 L	3.7C	38.649
1184	407	47	21:44:26	46:13:22	51279	0: 2	0: 5		9.50	8.70	53	19	19	515	10.0C	51.500
1185	367	209	21:45:17	43: 7:28	51294?	0:14	2: 5	A0	8.60	8.40	45	4	18	94 L	10.0C	9.400
1186	367	209	21:45:17	43: 7:28	51298?	0: 4	1:33		9.00	9.10	45	4	18	94	10.0C	9.400
1187	304	588	21:45:19	35:31:45							43	7	15	189?	3.7C	45.876
1188	343	352	21:45:26	40:22: 9							81	15	16	647?	3.7C	174.865
1189	202	791	21:45:31	31:17:18	71710	0: 1	-0:27	B8	8.10	8.20	70	22	16	773	3.0C	257.667
1190	370	174	21:45:37	43:47:13	51309	-0: 6	0:30	A0	7.60	7.70	53	9	18	257 L	10.0C	25.700
1191	251	823	21:45:40	30:37:37	71711	0:10	1:19		9.50	10.00	52	13	20	329	10.0C	32.900
1192	359	229	21:45:41	42:45:20							162	6	114	219?	3.0L	73.000
1193	258	790	21:45:42	31:18:24	71710	0:13	0:39	B8	8.10	8.20	86	10	58	236 L	1.0L	236.000
1194	259	788	21:45:42	31:20:21	71710	0:13	2:36	B8	8.10	8.20	158	59	20	3501	10.0C	350.100
1195	252	790	21:45:45	31:19:15	71710	0:16	1:30	B8	8.10	8.20	186	35	124?	1078	3.0L	358.667
1196	260	795	21:45:45	31:18:36	71710	0:16	0:51	B8	8.10	8.20	87	31	17	1217	3.7C	328.919
1197	245	841	21:45:53	30:14:38							51	5	19	127?	10.0C	12.700
1198	209	728	21:46:10	32:32:55	71718	-0: 3	-0:52	A0	6.79	.00	93	28	15	1125	3.0C	375.000
1199	318	941	21:46:15	38:22:24	71722	-0: 9	-2:31	B9	5.80	.00	385	103	21	10308	10.0C	1030.800
1200	317	442	21:46:18	38:22: 1	71722	-0: 6	-2:55	B9	5.80	.00	197	29	61	1650	1.0L	1650.000

CYGNUS RA 21:24 DEC +37:30

OBJECT NO.	X	Y	R.A.	DEC.	SAO NO.	Δ R.A.	Δ DEC.	SPEC. TYPE	V MAG.	P MAG.	PEAK DEN.	NO. OF POINTS	BG	DENSITY VOLUME	EXP.& FILTER	DEN.VOL/ EXP.
1201	318	447	21:46:20	38:23:15	71722	-0: 5	-1:41	B9	5.80	.00	269	55	19	4369 L	3.7C	1180.811
1202	260	727	21:46:22	32:35: 9	71718	0: 8	1:21	A0	6.79	.00	214	28	120	1337 H	3.0L	445.667
1203	309	446	21:46:23	38:23:38	71722	-0: 1	-1:18	B9	5.80	.00	67	9	24	278	.2L	1112.000
1204	312	443	21:46:23	38:22:58	71722	-0: 2	-1:58	B9	5.80	.00	327	49	130	3552	3.0L	1184.000
1205	259	444	21:46:23	38:20:33	71722	-0: 1	-4:23	B9	5.80	.00	228	48	15	3518	3.0C	1172.667
1206	265	726	21:46:24	32:35:22	71718	0:11	1:35	A0	6.79	.00	95	9	58	262	1.0L	262.000
1207	267	731	21:46:26	32:35:35	71718	0:12	1:48	A0	6.79	.00	109	29	17	1386	3.7C	374.595
1208	265	725	21:46:27	32:35:58	71718	0:14	2:11	A0	6.79	.00	212	57	21	4049	10.0C	404.900
1209	329	325	21:47:25	40:51:30	51333/	0:11	-0: 3		8.70	9.20	59	7	19	207	3.7C	55.946
1210	329	325	21:47:25	40:51:30	51334/	0:10	3:42	A2	8.20	8.00	59	7	19	207	3.7C	55.946
1211	329	325	21:47:25	40:51:30	51341/	-0: 4	-0:21		8.30	8.10	59	7	19	207	3.7C	55.946
1212	329	325	21:47:25	40:51:30	51344/	-0:13	-3:24	A0	6.49	.00	59	7	19	207 L	3.7C	55.946
1213	324	321	21:47:28	40:51:18	51333?	0:14	-0:15		8.70	9.20	158	4	129	106	3.0L	35.333
1214	324	321	21:47:28	40:51:18	51334?	0:13	3:29	A2	8.20	8.00	158	4	129	106	3.0L	35.333
1215	324	321	21:47:28	40:51:18	51341	-0: 1	-0:33		8.30	8.10	158	4	129	106	3.0L	35.333
1216	324	321	21:47:28	40:51:18	51344?	-0:10	-3:36	A0	6.49	.00	158	4	129	106 L	3.0L	35.333
1217	327	318	21:47:28	40:52:56	51333?	0:13	1:23		8.70	9.20	115	30	18	1431	10.0C	143.100
1218	327	318	21:47:28	40:52:56	51334?	0:12	5: 8	A2	8.20	8.00	115	30	18	1431	10.0C	143.100
1219	327	318	21:47:28	40:52:56	51341?	-0: 2	1: 5		8.30	8.10	115	30	18	1431	10.0C	143.100
1220	327	318	21:47:28	40:52:56	51344	-0:10	-1:58	A0	6.49	.00	115	30	18	1431 L	10.0C	143.100
1221	272	620	21:47:38	34:40:34	71747	-0: 2	-0:24	A0	7.50	7.80	56	9	18	263 L	10.0C	26.300
1222	332	300	21:47:38	41:21:37	51346	-0: 6	1: 7	B9	8.20	8.20	49	7	16	189 L	3.7C	51.081
1223	329	294	21:47:39	41:21:48	51346	-0: 5	1:19	B9	8.20	8.20	104	22	21	951 L	10.0C	95.100
1224	327	297	21:47:41	41:20: 9	51346	-0: 3	-0:21	B9	8.20	8.20	150	6	120	154 L	3.0L	51.333
1225	162	856	21:47:45	29:52:46	90040	0: 7	-3:41	A0	5.00	.00	155	74	17	4246	3.0C	1415.333
1226	272	297	21:47:48	41:18:23	51346	0: 4	-2: 6	B9	8.20	8.20	40	4	12	96 L	3.0C	32.000
1227	220	859	21:47:55	29:55:10	90040	0:17	-1:16	A0	5.00	.00	184	84	19	5488	3.7C	1483.243
1228	218	854	21:47:56	29:53:25	90040	0:18	-3: 1	A0	5.00	.00	117	38	54	1422 L	1.0L	1422.000
1229	212	855	21:47:56	29:52:59	90040	0:18	-3:28	A0	5.00	.00	253	72	115	3838	3.0L	1279.333
1230	219	853	21:47:57	29:54:19	90040	0:20	-2: 7	A0	5.00	.00	351	133	23	13474	10.0C	1347.400
1231	212	873	21:48: 8	29:30:11	90043	0:19	-2:14	A0	8.20	7.67	56	25	21?	6187	10.0C	61.800
1232	321	325	21:48:17	40:49:50	51355	-0: 7	0: 7	A0	8.20	8.10	73	13	14	476	3.7C	128.649
1233	316	321	21:48:20	40:49:32	51355	-0: 4	-0:11	A0	8.20	8.10	164	8	124	237	3.0L	79.000
1234	262	321	21:48:22	40:48: 5	51355	-0: 2	-1:38	A0	8.20	8.10	51	10	13	278	3.0C	92.667
1235	318	318	21:48:26	40:51: 4	51355	0: 2	1:21	A0	8.20	8.10	129	31	18	1601	10.0C	160.100
1236	203	854	21:48:42	29:52:36							135	6	105	151?	3.0L	50.333
1237	300	393	21:48:52	39:17:19	71767	-0: 9	-0:48	B9	6.19	.00	356	82	20	7794	10.0C	779.400
1238	243	396	21:48:54	39:15:28	71767	-0: 7	-2:38	B9	6.19	.00	194	38	15	2516	3.0C	838.667
1239	297	395	21:48:55	39:16:31	71767	-0: 6	-1:35	B9	6.19	.00	296	39	126	2463	3.0L	821.000
1240	302	399	21:48:56	39:16:51	71767	-0: 5	-1:16	B9	6.19	.00	220	45	18	3234	3.7C	874.054
1241	301	394	21:48:57	39:16:43	71767	-0: 4	-1:24	B9	6.19	.00	161	26	61	1176	1.0L	1176.000
1242	353	87	21:49:25	45:26:20							56	10	22	293?	.2L	1172.000
1243	362	58	21:49:57	45:58:33	51376	0: 8	0:44	B9	8.20	8.10	43	9	17	208 L	3.7C	56.216
1244	275	444	21:49:59	38:17:38							55	5	24	137?	.2L	548.000
1245	190	849	21:49:59	29:54:52	90058	0: 6	-2:29	B9	8.40	7.40	130	9	104	204	3.0L	68.000
1246	359	52	21:50: 1	45:58:26	51376	0:12	0:36	B9	8.20	8.10	84	49	19	1853	10.0C	185.300
1247	303	54	21:50: 2	45:56:19	51376	0:13	-1:31	B9	8.20	8.10	38	5	14	111 L	3.0C	37.000
1248	318	236	21:50: 4	42:25:38	51388	-0: 9	1: 3	A3	8.90	8.70	140	34	19	1889 H	10.0C	188.900
1249	359	54	21:50: 7	45:58:13	51376	0:18	0:23	B9	8.20	8.10	134	9	110	190 L	3.0L	63.333
1250	347	86	21:50: 8	45:26:11							52	12	22	314?	.2L	1256.000
1251	316	238	21:50:11	42:24:56	51388	-0: 2	0:21	A3	8.90	8.70	164	16	117	503 H	3.0L	167.667
1252	320	243	21:50:11	42:25:12	51388	-0: 2	0:37	A3	8.90	8.70	71	15	14	583 H	3.7C	157.568
1253	261	239	21:50:14	42:22: 2	51388	0: 1	-2:33	A3	8.90	8.70	60	13	14	404 H	3.0C	134.667
1254	195	848	21:50:18	29:55:54	90058	0:24	-1:26	B9	8.40	7.40	70	40	19	1323	10.0C	132.300
1255	289	341	21:50:52	40:18:46	51391?	0:33	8:45		9.10	9.80	187	14	119	635?	3.0L	211.667
1256	225	661	21:51:27	33:42: 2							46	4	18	100?	10.0C	10.000
1257	313	191	21:51:39	43:15:39	51407	-0: 4	0:53	O	9.00	9.00	66	20	20	639 L	10.0C	63.900
1258	254	493	21:51:45	37: 7:46	71809	-0: 4	-1:29	A2	8.70	9.20	65	14	19	435	10.0C	43.500
1259	274	371	21:52: 1	39:37:45	71814	-0: 5	-0:41	A5	9.10	9.40	68	19	20	595 H	10.0C	59.500
1260	331	82	21:52:22	45:18:52	51417	0: 5	0:28	A0	8.10	8.20	41	6	18	127 L	10.0C	12.700
1261	272	368	21:52:30	39:41: 9	71828	-0:10	-0:45	B9	9.00	8.00	84	4	57	99	1.0L	99.000
1262	213	370	21:52:31	39:38:34	71828	-0: 9	-3:20	B9	9.00	8.00	68	15	13	513 H	3.0C	171.000
1263	270	367	21:52:31	39:41:49	71828	-0: 9	-0: 5	B9	9.00	8.00	155	35	19	2031 H	10.0C	203.100
1264	272	374	21:52:34	39:40: 1	71814/	0:28	1:34	A5	9.10	9.40	76	14	18	548	3.7C	148.108
1265	272	374	21:52:34	39:40: 1	71828/	-0: 6	-1:53	B9	9.00	8.00	76	14	18	548	3.7C	148.108
1266	267	369	21:52:35	39:40:35	71828	-0: 5	-1:19	B9	9.00	8.00	182	16	119	570 H	3.0L	190.000
1267	200	696	21:52:35	32:56: 2	71822	0: 4	-1:21	B9	9.00	8.90	142	11	109	297	3.0L	99.000
1268	205	695	21:52:38	32:56:24	71822	0: 8	-0:59	B9	9.00	8.90	83	31	19	1099	10.0C	109.900
1269	207	701	21:52:38	32:57: 4	71822	0: 8	-0:19	B9	9.00	8.90	46	9	16	221	3.7C	59.730
1270	210	643	21:53:13	33:59:54							48	4	18	105?	10.0C	10.500
1271	131	723	21:53:27	32:20:35							47	5	13	134?	3.0C	44.667
1272	315	111	21:53:27	44:44: 4	51447	-0: 3	1:25		7.70	7.40	120	52	18	2673	10.0C	267.300
1273	216	602	21:53:31	34:48:54	71844?	0: 5	4:31	A2	7.05	.00	64	18	17	555 L	10.0C	55.500
1274	216	602	21:53:31	34:48:54	71846	0: 3	-1:36	A0	7.80	8.20	64	18	17	555 L	10.0C	55.500
1275	258	114	21:53:32	44:40:22	51447	0: 1	-2:17		7.70	7.40	49	18	13	495	3.0C	165.000
1276	314	113	21:53:35	44:43:12	51447	0: 5	0:33		7.70	7.40	146	21	111	565	3.0L	188.333
1277	317	117	21:53:36	44:43:36	51447	0: 5	0:57		7.70	7.40	61	24	16	760	3.7C	205.405
1278	292	194	21:53:56	43: 5:58	51455	-0: 6	0:53	A	8.90	8.50	84	22	22	853 H	10.0C	85.300
1279	295	201	21:53:56	43: 5:40	51455	-0: 6	0:35	A	8.90	8.50	46	8	16	198	3.7C	53.514
1280	291	196	21:53:60	43: 6:17	51455	-0: 3	1:11	A	8.90	8.50	136	5	113	104	3.0L	34.667
1281	297	169	21:54:27	43:42:34	51466	-0:10	1:16		9.20	9.50	44	9	14	230	3.7C	62.162
1282	294	162	21:54:32	43:42:37	51466	-0: 4	1:20		9.20	9.50	85	34	19	1253	10.0C	125.300
1283	237	165	21:54:36	43:53:56	51466	-0: 1	-2:22		9.20	9.50	37	6	14	127	3.0C	42.333
1284	293	164	21:54:37	43:41:38	51466	0: 1	0:20		9.20	9.50	139	8	112	192	3.0L	64.000
1285	276	228	21:54:52	42:24:45	51473	-0:12	2: 6	A0	7.80	7.70	68	17	19	578 L	10.0C	57.800
1286	278	235	21:54:57	42:22:57	51473	-0: 6	0:18	A0	7.80	7.70	38	4	15	85 L	3.7C	22.973
1287	269	254	21:55: 1	41:52:42	51479	-0: 9	1: 8		8.90	9.00	47	6	20	137	10.0C	13.700
1288	225	420	21:55:39	38:34:39	71890?	-0:21	-6:37	B8	7.90	7.40	51	5	23	119	.2L	476.000
1289	173	413	21:55:47	38:36:41	71890	-0:13	-4:35	B8	7.90	7.40	181	41	14	2587 H	3.0C	862.333
1290	227	412	21:55:51	38:39:31	71890	-0: 9	-1:45	B8	7.90	7.40	311	50	117	3423 H	3.0L	1141.000
1291	230	410	21:55:51	38:41: 8	71890	-0:10	-0: 7	B8	7.90	7.40	333	77	19	7695 H	10.0C	769.500
1292	232	417	21:55:53	38:39:14	71890	-0: 7	-2: 2	B8	7.90	7.40	213	44	16	3179 H	3.7C	859.189
1293	231	411	21:55:54	38:39:59	71890	-0: 6	-1:17	B8	7.90	7.40	162	30	57	1458 H	1.0L	1458.000
1294	276	201	21:55:57	43: 1:23	51489?	-0: 3	6:45	A2	8.10	7.60	110	37	15	1756	3.7C	474.595
1295	276	201	21:55:57	43: 1:23	51496	-0:12	1:25	B9	7.38	.00	110	37	15	1756	3.7C	474.595
1296	276	195	21:56: 3	43: 0:50	51489?	0: 3	6:12	A2	8.10	7.60	85	11	53	289	1.0L	289.000
1297	276	195	21:56: 3	43: 0:50	51496	-0: 6	0:51	B9	7.38	.00	85	11	53	289 L	1.0L	289.000
1298	273	194	21:56: 3	43: 1:30	51489?	0: 3	6:52	A2	8.10	7.60	221	66	20	4720	10.0C	472.000
1299	273	194	21:56: 3	43: 1:30	51496	-0: 6	1:31	B9	7.38	.00	221	66	20	4720	10.0C	472.000
1300	216	197	21:56: 4	42:56:35	51489/	0: 4	1:56	A2	8.10	7.60	88	33	14	1309 H	3.0C	436.333

CYGNUS RA 21:24 DEC +37:30

OBJECT NO.	X	Y	R A.	DEC.	SAO NO.	δ R.A.	δ DEC.	SPEC. TYPE	V MAG.	P MAG.	PEAK DEN.	NO. OF POINTS	BG	DENSITY VOLUME	EXP.& FILTER	DEN.VOL/ EXP.
1301	216	197	21:56: 4	42:56:35	51496?	-0: 5	-3:24	B9	7.38	.00	88	33	14	1309 H	3.0C	436.333
1302	272	196	21:56: 5	43: 0:20	51489?	0: 5	5:42	A2	8.10	7.50	189	38	113	1509	3.0L	503.000
1303	272	196	21:56: 5	43: 0:20	51496	-0: 4	0:22	B9	7.38	.00	189	38	113	1509	3.0L	503.000
1304	210	501	21:56:21	36:53:25							42	5	15	123	3.7C	33.243
1305	194	274	21:56:33	41:24:15	51507	-0:19	-3: 8	B9	7.70	7.30	81	23	13	923	3.0C	307.667
1306	253	271	21:56:38	41:29:19	51507	-0:14	1:56	B9	7.70	7.30	85	11	53	288	1.0L	288.000
1307	253	277	21:56:39	41:28:24	51507	-0:13	1: 1	B9	7.70	7.30	89	26	16	1174	3.7C	317.297
1308	250	271	21:56:40	41:28:49	51507	-0:12	1:26	B9	7.70	7.30	194	46	19	3308	10.0C	330.800
1309	248	273	21:56:44	41:27:20	51507	-0: 9	-0: 3	B9	7.70	7.30	182	24	112	979	3.0L	326.333
1310	95	724	21:56:47	32:10:44	71905	-0: 1	-3:52	B9	7.50	7.60	47	12	15	309	3.0C	103.000
1311	107	668	21:56:48	33:18:55	71910	-0:12	-4:32	B3	7.80	7.90	111	36	14	1776	3.0C	592.000
1312	246	280	21:56:55	41:16:49	51511	-0: 9	0:18		8.90	9.40	53	14	18	370	10.0C	37.000
1313	253	264	21:57: 1	41:42:52	51513	-0:10	-0:17	B9	8.40	8.40	45	8	15	197 L	3.7C	53.243
1314	166	671	21:57: 1	33:21:36	71910	0: 1	-1:51	B3	7.80	7.90	132	46	18	2316	3.7C	625.946
1315	164	665	21:57: 2	33:22:18	71910	0: 2	-1: 8	B3	7.80	7.90	248	83	18	8595	10.0C	859.500
1316	250	257	21:57: 3	41:44:31	51513	-0: 8	1:21	B9	8.40	8.40	82	24	18	926	10.0C	92.600
1317	153	727	21:57: 5	32:12:59	71985	0:18	-1:37	B9	7.50	7.60	54	19	16	542 L	3.7C	146.486
1318	158	666	21:57: 6	33:21: 9	71910	0: 5	-2:18	B3	7.80	7.90	241	54	105	3100	3.0L	1033.333
1319	145	722	21:57: 6	32:11:18	71985	0:19	-3:18	B9	7.50	7.60	142	14	104	397	3.0L	132.333
1320	151	721	21:57: 7	32:13:41	71905	0:20	-0:55	B9	7.50	7.60	104	49	17	2208	10.0C	220.800
1321	163	665	21:57: 8	33:21:50	71910	0: 8	-1:37	B3	7.80	7.90	110	29	53	1021	1.0L	1021.000
1322	287	95	21:57:35	45: 0:19							58	6	17	184?	3.7C	49.730
1323	253	214	21:57:46	42:33:42	51526	-0: 3	1:17		8.70	8.90	43	6	18	136	10.0C	13.600
1324	258	185	21:57:53	43: 7:37	51522?	0:16	10: 7		8.70	8.90	78	22	18	777?	10.0C	77.700
1325	155	644	21:58:23	33:44:39	71933	0: 6	-1:19	A0	8.80	8.60	42	4	18	87 L	10.0C	8.700
1326	149	391	21:58:35	38:55:47	71949	-0:25	-4:31	A0	7.08	.00	82	10	20	308 L	3.0C	102.667
1327	117	528	21:58:41	36: 6: 4	71942?	-0: 5	-8:55		9.10	9.50	54	12	13	358	3.0C	119.333
1328	117	528	21:58:41	36: 6: 4	71952	-0:29	-5:26	B9	8.00	8.00	54	12	13	358	3.0C	119.333
1329	165	581	21:58:44	35: 0:12	71945	-0: 5	-3:25	A0	8.30	8.50	52	10	18	272 L	10.0C	27.200
1330	208	395	21:58:48	38:58: 8	71949	-0:12	-2: 9	A0	7.08	.00	76	14	20?	523	3.7C	141.216
1331	224	297	21:58:50	40:50:53	51555	-0:14	0:37	A0	8.40	8.50	63	17	19	518	10.0C	51.800
1332	205	388	21:58:52	38:59:53	71949	-0: 8	-0:25	A0	7.08	.00	145	57	18	2918	10.0C	291.800
1333	202	390	21:58:53	38:57:54	71949	-0: 7	-2:24	A0	7.08	.00	162	10	122	299	3.0L	99.667
1334	170	526	21:58:60	36: 8:45	71942?	0:14	-6:14		9.10	9.50	162	23	113	726	3.0L	242.000
1335	170	526	21:58:60	36: 8:45	71952	-0:10	-2:45	B9	8.00	8.00	162	23	113	726	3.0L	242.000
1336	174	525	21:58:60	36: 9:45	71942?	0:14	-5:15		9.10	9.50	123	39	18	1966	10.0C	196.600
1337	174	525	21:58:60	36: 9:45	71952	-0:11	-1:45	B9	8.00	8.00	123	39	18	1966	10.0C	196.600
1338	176	531	21:59: 1	36: 8:58	71942?	0:15	-6: 2		9.10	9.50	66	17	15	553	3.7C	149.459
1339	176	531	21:59: 1	36: 8:58	71952	-0: 9	-2:32	B9	8.00	8.00	66	17	15	553	3.7C	149.459
1340	135	683	21:59:25	32:54: 0	71950	0:17	-1:42	B9	8.00	8.20	46	16	17	254 L	10.0C	25.400
1341	173	209	22: 0:19	42:31:41	51589?	-0:22	-2:40	B9	7.06	.00	88	37	14	1522 H	3.0C	507.333
1342	135	371	22: 0:26	39:15:37	71979?	-0:18	4:30	A0	8.30	8.10	40	4	14	99 L	3.0C	33.000
1343	135	371	22: 0:26	39:15:37	71981?	-0:22	-3:37	A0	8.00	8.10	40	4	14	99 L	3.0C	33.000
1344	232	212	22: 0:27	42:38: 2	51589	-0:14	1:41	B9	7.06	.00	112	40	16	1927	3.7C	520.811
1345	195	375	22: 0:33	39:18:17	71979?	-0:11	7:10	A0	8.30	8.10	49	10	15	269	3.7C	72.703
1346	195	375	22: 0:33	39:18:17	71981	-0:15	-0:57	A0	8.00	8.10	49	10	15	269	3.7C	72.703
1347	232	206	22: 0:34	42:36:28	51589	-0: 7	2: 7	B9	7.06	.00	80	10	52	244 L	1.0L	244.000
1348	229	206	22: 0:34	42:36:15	51589	-0: 7	1:54	B9	7.06	.00	219	66	20	5157 H	10.0C	515.700
1349	228	207	22: 0:36	42:35:47	51589	-0: 5	1:26	B9	7.06	.00	180	38	108	1594	3.0L	531.333
1350	192	369	22: 0:36	39:18:50	71979?	-0: 8	7:43	A0	8.30	8.10	91	29	18	1177	10.0C	117.700
1351	192	369	22: 0:36	39:18:50	71981	-0:12	-0:24	A0	8.00	8.10	91	29	18	1177	10.0C	117.700
1352	189	370	22: 0:40	39:17:51	71979?	-0: 4	6:44	A0	8.30	8.10	139	7	112	161	3.0L	53.667
1353	189	370	22: 0:40	39:17:51	71981	-0: 8	-1:23	A0	8.00	8.10	139	7	112	161	3.0L	53.667
1354	192	113	22: 0:51	44:21:38	51595	-0: 5	-2:51	A0	5.52	.00	89	43	17	1737	3.0C	579.000
1355	251	117	22: 0:59	44:26:13	51595	0: 3	1:43	A0	5.52	.00	108	57	20	2442	3.7C	660.000
1356	251	117	22: 0:59	44:26:13	51601?	-0:23	1:21	A0	6.60	8.50	106	57	20	2442	3.7C	660.000
1357	251	111	22: 0:60	44:25:37	51595	0: 5	1: 8	A0	5.52	.00	77	9	52	204 L	1.0L	204.000
1358	247	112	22: 1: 4	44:24:55	51595	0: 8	0:26	A0	5.52	.00	176	52	108	2080	3.3L	693.333
1359	247	112	22: 1: 4	44:24:55	51601?	-0:18	0: 4	A0	8.60	8.50	176	52	108	2080	3.0L	693.333
1360	248	110	22: 1: 4	44:26:22	51595/	0: 8	1:53	A0	5.52	.00	221	94	27	6834	10.0C	683.400
1361	248	110	22: 1: 4	44:26:22	51601/	-0:18	1:31	A0	8.60	8.50	221	94	27	6834	10.0C	683.400
1362	235	124	22: 2: 0	44: 7:47	51614	-0: 4	1:39	A2	8.57	.00	54	19	18	538 L	10.0C	53.800
1363	95	473	22: 2:16	37: 4:59							47	8	13	217?	3.0C	72.333
1364	134	523	22: 3:10	36: 6:36	72016	-0:15	-1:52	B9	7.60	7.90	40	6	15	137 L	3.7C	37.027
1365	130	276	22: 3:14	41: 3:25	51636?	-0:24	-3: 6	B9	7.60	7.50	64	34	12	1391 H	3.0C	463.667
1366	131	517	22: 3:14	36: 7:15	72016	-0:11	-1:13	B9	7.60	7.90	72	28	17	969	10.0C	96.900
1367	189	279	22: 3:23	41: 7:35	51636	-0:15	1: 5	B9	7.60	7.50	105	39	14	1816	3.7C	490.811
1368	186	273	22: 3:24	41: 8:10	51636	-0:14	1:40	B9	7.60	7.50	200	68	18	4886 H	10.0C	488.600
1369	188	273	22: 3:27	41: 7:54	51638	-0:10	1:24	B9	7.60	7.50	83	10	53	252	1.0L	252.00L
1370	184	274	22: 3:27	41: 7: 7	51636	-0:10	0:36	B9	7.60	7.50	184	34	113	1351	3.0L	450.333
1371	162	357	22: 3:51	39:23:45	72031	-0:17	0:42	A0	8.40	8.50	50	11	17	290 L	10.0C	29.000
1372	162	357	22: 3:51	39:23:45	72033?	-0:28	-3:35		8.80	9.10	50	11	17	290	10.0C	29.000
1373	92	654	22: 3:59	33:16: 1							73	10	17	332?	10.0C	33.200
1374	191	241	22: 4:12	41:51:26	51649?	0:12	7:27		8.90	9.50	40	4	15	91?	3.7C	24.595
1375	130	190	22: 5:22	42:39:36	51671?	-0:22	-2:53	B9	7.60	7.60	40	10	13	238	3.0C	79.333
1376	189	193	22: 5:39	42:43:45	51671	-0: 6	1:17	B9	7.60	7.60	50	17	15	464	3.7C	125.405
1377	186	186	22: 5:40	42:45:34	51671	-0: 5	3: 5	B9	7.60	7.60	100	54	19	2317	10.0C	231.700
1378	184	187	22: 5:49	42:44:14	51671	0: 4	1:45	B9	7.60	7.60	127	6	105	128 L	3.0L	42.667
1379	138	364	22: 6:12	39: 8:55	72055	-0:11	1:21	A0	7.50	7.90	45	8	17	191 L	10.0C	19.100
1380	96	233	22: 7:46	41:42:39	51706	0:16	3:15		9.00	9.50	49	5	13	156	3.0C	52.000
1381	115	373	22: 8:39	38:56:34							51	8	15	226?	3.7C	61.081
1382	141	228	22: 9: 9	41:44:20							136	6	105	155?	3.0L	51.667
1383	141	218	22: 9:24	41:56:24							152	18	104	575?	3.0L	191.667
1384	137	230	22: 9:32	41:40:44							131	4	104	97?	3.0L	32.333
1385	138	224	22: 9:34	41:48:16							133	4	104	101?	3.0L	33.667
1386	134	222	22:10: 3	41:49:30							159	25	104	817?	3.0L	272.333
1387	44	343	22:10:13	39:22:26							53	13	14	376?	3.0C	125.333
1388	100	293	22:11:41	40:18:42	51784	-0: 9	3:48	A0	9.90	9.00	59	26	19	755	10.0C	75.500

CAPRICORN RA 21:14 DEC -14.30

OBJECT NO.	X	Y	R.A.	DEC.	SAO NO.	Δ R.A.	Δ DEC.	SPEC. TYPE	V MAG.	P MAG.	PEAK DEN.	NO. OF POINTS	BG	DENSITY VOLUME	EXP.& FILTER	DEN.VOL/ EXP.
1	917	310	20:36:13	-15: 6:19	163771	-0:16	1:35	B5	5.30	.00	407	159	22	19445	3.0C	6481.667
2	929	307	20:36:14	-15: 6: 2	163771	-0:15	1:51	B5	5.30	.00	335	129	96	10987	1.0L	10987.000
3	904	303	20:36:14	-15: 6:39	163771	-0:15	1:14	B5	5.30	.00	449	305	22	43641	10.0C	4364.100
4	928	310	20:36:16	-15: 5:58	163771	-0:12	1:55	B5	5.30	.00	389	171	203	16660	3.0L	5553.333
5	913	300	20:36:29	-15: 5:33	163771	0: 1	2:21	B5	5.30	.00	469	393	23	67438	30.0C	2247.933
6	885	357	20:40:20	-15:39:59							98	13	18	518?	3.0C	172.667
7	858	285	20:40:28	-14: 3: 2							152	8	101	255?	1.0L	255.000
8	797	198	20:41:42	-11:51: 6							281	9	213	290?	3.0L	96.667
9	716	122	20:44:54	-9:42:10	144810	-0: 4	-1:22	A0	3.83	.00	357	116	194	8846	3.0L	2948.667
10	703	111	20:44:54	-9:41:26	144810	-0: 4	-0:38	A0	3.83	.00	467	330	24	54376 L	30.0C	1812.533
11	703	122	20:44:58	-9:40:56	144810	-0: 0	-0: 8	A0	3.83	.00	328	84	21	8530	3.0C	2843.333
12	715	119	20:45: 1	-9:42:55	144810	0: 3	-2: 7	A0	3.83	.00	223	65	91	3721	1.0L	3721.000
13	689	116	20:45: 3	-9:42:10	144810	0: 5	-1:22	A0	3.83	.00	427	163	22	21736	10.0C	2173.600
14	758	262	20:46:51	-12:42:32							156	6	112	185?	1.0L	185.000
15	874	584	20:49:27	-19:53: 3	163943	0: 2	-3: 8	A0	7.18	.00	169	70	19	4737	10.0C	473.700
16	885	592	20:49:29	-19:52:13	163943	0: 4	-2:17	A0	7.18	.00	86	30	23	1108 H	3.0C	369.333
17	716	278	20:49:31	-12:39: 8							62	7	22	209?	3.0C	69.667
18	896	592	20:49:34	-19:51:27	163943	0:10	-1:32	A0	7.18	.00	263	13	221	408	3.0L	136.000
19	885	582	20:49:41	-19:53:20	163943	0:16	-3:25	A0	7.18	.00	213	167	20	14741 H	30.0C	491.367
20	868	592	20:51:41	-19:36: 3							230	5	204	118?	3.0L	39.333
21	569	42	20:52:49	-6:51:21	144949	-0:12	2: 6	A0	9.30	.00	153	10	84	409?H	1.0L	409.000
22	707	384	20:54:44	-14:36:17	NO						56	28	24	683	30.0C	22.767
23	693	388	20:54:55	-14:35:31	NO						44	5	19	114	10.0C	11.400
24	554	100	20:54:58	-7:55:35	144978	-0: 1	-1: 9	A0	7.50	.00	119	97	20	5300	30.0C	176.667
25	541	104	20:54:59	-7:54:57	144978	-0: 1	-0:31	A0	7.50	.00	104	35	19	1594	10.0C	159.400
26	636	74	20:55: 3	-7: 5:50	144981	-0: 8	-0:58	A0	8.70	.00	40	4	17	88	3.0C	29.333
27	555	111	20:55: 3	-7:57:31	144978	0: 3	-3: 5	A0	7.50	.00	50	9	18	235	3.0C	78.333
28	522	68	20:55: 3	-7: 5:26	144981	-0: 8	-0:34	A0	8.70	.00	81	37	18	1414	10.0C	141.400
29	532	65	20:55:15	-7: 4: 9	144981	0: 5	0:44	A0	8.70	.00	98	97	20	4477	30.0C	149.233
30	594	220	20:56:26	-10:29:22	164039	-0:10	-2:25	A0	8.50	.00	93	59	21	2656	30.0C	88.533
31	592	231	20:56:42	-10:27:55	164039	0: 6	-0:58	A0	8.50	.00	50	6	17	160	3.0C	53.333
32	578	225	20:56:46	-10:27:16	164039	0:10	-0:19	A0	8.50	.00	79	20	18	762	10.0C	76.200
33	796	605	20:56:48	-19:14:39	164043	0: 2	-0:50	A0	6.23	.00	180	41	21	2707 H	3.0C	902.333
34	807	602	20:56:49	-19:14:40	164043	0: 3	-0:51	AC	6.23	.00	179	19	122	702	1.0L	702.000
35	784	598	20:56:52	-19:15:24	164043	0: 7	-1:35	A0	6.23	.00	335	82	21	8185	10.0C	818.500
36	807	605	20:56:53	-19:14: 8	164043	0: 7	-0:19	A0	6.23	.00	341	41	259	1964	3.0L	654.667
37	796	595	20:56:59	-19:15:11	164043	0:13	-1:22	A0	6.23	.00	384	190	22	24146	30.0C	804.867
38	607	367	21: 0:59	-13: 1:44	164103	0: 7	1:10	A0	8.10	.00	71	10	19	333	3.0C	111.000
39	594	361	21: 1: 2	-13: 1:24	164103	0: 9	1:31	A0	9.10	.00	120	28	20	1482	10.0C	148.200
40	603	358	21: 1:15	-12:59:58	164103	0:23	2:56	A0	8.10	.00	138	79	26	4793	30.0C	159.767
41	554	303	21: 1:34	-11:31:34	NO						76	18	20	649	10.0C	64.900
42	769	659	21: 1:39	-20: 5: 2	189986	0: 6	-1:48	A3	4.93	.00	73	55	21	2028 L	30.0C	67.600
43	756	662	21: 1:42	-20: 4: 0	189986	0: 9	-0:46	A3	4.93	.00	60	18	19	530 L	10.0C	53.000
44	563	300	21: 1:50	-11:31:13	NO						89	52	26	2102	30.0C	70.067
45	460	108	21: 2:28	-6:41:41							237	80	193	2393?	3.0L	797.667
46	691	553	21: 3: 2	-17:25:25	164132	-0: 6	0:32	A0	4.19	.00	458	237	28?	42654 L	30.0C	1421.800
47	701	561	21: 3: 4	-17:26:12	164132	-0: 5	-0:15	A0	4.19	.00	318	22	173	1583 L	1.0L	1583.000
48	678	557	21: 3: 6	-17:24:20	164132	-0: 3	1:38	A0	4.19	.00	399	73	31?	12750 L	10.0C	1275.000
49	689	564	21: 3:10	-17:24:33	164132	0: 2	1:24	A0	4.19	.00	306	53	25	5226	3.0C	1742.000
50	678	574	21: 4:56	-17:38:34	164156	-0: 1	0:52	A0	6.03	.00	356	177	26	20634	30.0C	687.800
51	677	585	21: 4:59	-17:38:29	164156	0: 2	0:57	A0	6.03	.00	173	34	22	2034	3.0C	678.000
52	665	578	21: 4:59	-17:37:30	164156	0: 3	1:57	A0	6.03	.00	304	77	24	6626	10.0C	662.600
53	769	751	21: 5:47	-21:25:28	190050	0: 5	-1:43	A0	5.27	.00	163	23	108	806	1.0L	806.000
54	758	755	21: 5:51	-21:26: 6	190050	0: 9	-2:21	A0	5.27	.00	188	49	23	3252	3.0C	1084.000
55	769	754	21: 5:52	-21:24:43	190050	0:10	-0:58	A0	5.27	.00	329	42	236	2183	3.0L	727.667
56	759	744	21: 5:55	-21:24:30	190050	0:13	-0:46	A0	5.27	.00	409	212	22	29375	30.0C	979.167
57	747	747	21: 5:56	-21:25:14	190050	0:14	-1:30	A0	5.27	.00	341	95	21	9889	10.0C	988.900
58	393	96	21: 7:10	-5:53:44							156	14	92	507?	1.0L	507.000
59	372	84	21: 7:13	-5:30:43							80	12	17	459?	3.0C	153.000
60	718	827	21:11:19	-22:27:44	190147	0:10	-2:34	A0	6.88	.00	88	42	18	1689	10.0C	168.900
61	728	834	21:11:22	-22:27:38	190147	0:13	-2:28	A0	6.88	.00	49	6	23	145 L	3.0C	48.333
62	448	335	21:11:30	-10:48:41	164240	-0: 5	0: 6	B9	6.49	.00	287	146	27	14027	30.0C	467.567
63	434	339	21:11:39	-10:46:58	164240	0: 4	1:48	B9	6.49	.00	244	61	22	4730	10.0C	473.000
64	727	825	21:11:41	-22:28:12	190147	0:31	-3: 2	A0	6.88	.00	110	113	20	5788	30.0C	192.933
65	458	341	21:11:43	-10:49:28	164240	0: 8	-0:41	B9	6.49	.00	231	17	165	651	1.0L	651.000
66	446	345	21:11:43	-10:47:21	164240	0: 9	1:26	B9	6.49	.00	137	26	20	1346	3.0C	448.667
67	458	345	21:11:46	-10:49:41	164240	0:11	-0:54	B9	6.49	.00	385	194	328	6219 H	3.0L	2073.000
68	678	739	21:12:11	-20:16:15							210	13	124	608?	1.0L	608.000
69	743	870	21:12:29	-23:10:56							144	23	91	830?	1.0L	830.000
70	392	289	21:13:34	-9:21:58	145256	-0:14	0: 4	A0	7.34	.00	106	62	22	3043	30.0C	101.433
71	390	299	21:13:52	-9:21:50	145256	0: 4	0:12	A0	7.34	.00	52	6	18	161 L	3.0C	53.667
72	376	294	21:13:57	-9:21: 7	145256	0: 9	0:55	A0	7.34	.00	92	21	18	894 L	10.0C	89.400
73	357	223	21:14:17	-7:38: 9							135	4	96	130?	1.0L	130.000
74	356	226	21:14:20	-7:36:33							271	7	207	299?	3.0L	99.667
75	395	338	21:14:23	-10:19: 6	164275	0: 7	1:35	A0	6.85	.00	58	11	19	310 L	10.0C	31.000
76	405	335	21:14:35	-10:19:11	164275	0:18	1:29	A0	6.85	.00	70	36	22	1215 L	30.0C	40.500
77	402	320	21:14:46	-9:44:32							299	26	270	621?	3.0L	207.000
78	593	661	21:14:55	-18:11: 1	164286	-0:14	0:43	B8	5.39	.00	465	444	30	6207	30.0C	2069.033
79	602	668	21:14:56	-18:11:34	164286	-0:13	0:11	B8	5.39	.00	368	37	185	3013	1.0L	3013.000
80	591	672	21:15: 1	-18:11: 1	164286	-0: 8	0:43	B8	5.39	.00	330	97	25	8348	3.0C	2782.667
81	579	665	21:15: 3	-18: 9:20	164286	-0: 6	2:24	B8	5.39	.00	418	214	24	23317	10.0C	2331.700
82	387	327	21:15:13	-9:49:24							88	17	17	733?	3.0C	244.333
83	277	102	21:15:32	-4:43:31	145278	-0: 2	0:19	B8	5.68	.00	368	178	170	15535 H	3.0L	5178.333
84	265	103	21:15:32	-4:43:24	145278	-0: 2	0:25	B8	5.68	.00	365	123	20	13655 H	3.0C	4551.667
85	251	99	21:15:36	-4:44:59	145278	0: 3	-1: 9	B8	5.68	.00	440	227	21	33913	10.0C	3391.300
86	277	99	21:15:37	-4:43:54	145278	0: 4	-0: 4	B8	5.68	.00	258	114	82	7381	1.0L	7381.000
87	261	96	21:15:48	-4:43:15	145278	0:14	0:35	B8	5.68	.00	487	461	20	82822 H	30.0C	2760.733
88	671	818	21:15:56	-21:32:32							132	4	108	89?	1.0L	89.000
89	682	873	21:17:15	-22:32:25							255	8	216	240?	3.0L	80.000
90	459	500	21:17:20	-13:40:13	164315	-0: 5	2:40	B9	7.04	.00	71	7	31	204?	3.0C	68.000
91	711	952	21:17:22	-24:19:32							59	10	22	294?	3.0C	98.000
92	404	390	21:17:30	-11: 0: 3	164320	-0: 3	0:51	A3	8.80	.00	366	6	344	120?	3.0L	40.000
93	334	265	21:17:33	-8: 7: 6							135	5	102	141?	1.0L	141.000
94	583	753	21:18:29	-19:41:45	164327	-0: 5	2:43	A0	8.70	.00	69	17	20	577	10.0C	57.700
95	595	750	21:18:33	-19:43: 8	164327	-0: 1	1:19	A0	8.70	.00	85	54	24	2143	30.0C	71.433
96	444	543	21:19:42	-14:27:42							69	5	40?	135?	10.0C	13.500
97	230	144	21:19:42	-5:12:39							53	8	16	220?	30.0C	7.333
98	390	458	21:20:56	-12:17:35	164359	-0: 3	-1: 4	B8	8.30	.00	304	157	34	15527 H	30.0C	517.567
99	377	462	21:20:60	-12:16:37	164359	0: 1	-0: 7	B8	8.30	.00	254	62	24	5035	10.0C	503.500
100	389	468	21:21: 3	-12:17:40	164359	0: 4	-1:10	B8	8.30	.00	136	28	21	1507 H	3.0C	502.333

CAPRICORN RA 21:14 DEC -14:30

OBJECT NO.	X	Y	R.A.	DEC.	SAO NO.	Δ R.A.	Δ DEC.	SPEC. TYPE	V MAG.	P MAG.	PEAK DEN.	NO. OF POINTS	BG	DENSITY VOLUME	EXP.& FILTER	DEN.VOL/ EXP.
101	400	464	21:21: 5	-12:19:35	164359	0: 6	-3: 4	B8	8.30	.00	275	25	201	898 H	1.0L	898.000
102	486	624	21:21:14	-16:16:28	164366	-0:21	0:12	A0	8.80	.00	96	47	42	1820	30.0C	60.667
103	617	854	21:21:15	-21:43:53							57	9	21	236?	30.0C	7.867
104	470	629	21:21:33	-16:14:31	164366	-0: 1	2: 9	A0	8.80	.00	73	16	26	528	10.0C	52.800
105	374	453	21:21:49	-12: 0:27	164372	-0: 9	-0:45	A0	9.40	.00	54	14	31	309 L	30.0C	10.300
106	439	566	21:22:39	-14:32:22	164378	-0: 1	-2:46	A0	6.86	.00	279	16	251	423	1.0L	423.000
107	415	564	21:22:43	-14:28:30	164378	0: 2	1: 7	A0	6.86	.00	77	18	27	610 L	10.0C	61.000
108	425	561	21:22:55	-14:28:31	164378	0:14	1: 6	A0	6.86	.00	106	37	46	1312 L	30.0C	43.733
109	394	544	21:24:24	-13:49:27	164400	-0:16	-1: 8	B9	6.80	.00	349	181	37	18563	30.0C	618.767
110	391	554	21:24:38	-13:48:29	164400	-0: 2	-0: 9	B9	6.80	.00	155	34	23	1921	3.0C	640.333
111	379	549	21:24:39	-13:48:14	164400	-0: 0	0: 6	B9	6.80	.00	291	71	24	6113	10.0C	611.300
112	402	551	21:24:42	-13:51:39	164400	0: 2	-3:19	B9	6.80	.00	286	22	206	933 H	1.0L	933.000
113	593	860	21:27:21	-23:18:19							46	4	19	104?	30.0C	3.467
114	493	809	21:27:29	-19:35:20	NO						49	5	23	111	10.0C	11.100
115	504	806	21:27:37	-19:35:60	NO						57	27	25	704	30.0C	23.467
116	445	751	21:30: 4	-17:46:52							182	11	132	358?	1.0L	358.000
117	233	424	21:30:43	-9:57: 1	145483	-0:11	-4: 2	B9	8.10	.00	206	113	22	8951 H	30.0C	298.367
118	219	428	21:30:54	-9:56:36	145483	-0: 0	-3:39	B9	8.10	.00	177	48	18	3025	10.0C	302.500
119	242	431	21:30:55	-9:55: 2	145483	0: 0	-2: 3	B9	8.10	.00	283	26	224	922 H	3.0L	307.333
120	230	433	21:30:58	-9:57:12	145483	0: 3	-4:13	B9	8.10	.00	92	18	19	735 H	3.0C	245.000
121	242	429	21:30:60	-9:58:26	145483?	0: 5	-5:27	B9	8.10	.00	149	9	118	223	1.0L	223.000
122	533	945	21:31:27	-22: 5:31							243	12	204	339?	3.0L	113.000
123	429	846	21:33:43	-19:28:33	NO						142	83	27	4166	10.0C	416.600
124	439	853	21:33:45	-19:30:50	NO						88	18	25	700	3.0C	233.333
125	449	859	21:34: 7	-19:37:40	164520	-0:10	3:48	B5	4.72	.00	392	316	230	23540	3.0L	7846.667
126	440	851	21:34: 8	-19:37: 9	164520	-0: 9	4:19	B5	4.72	.00	500	734	38	139821	30.0C	4660.700
127	448	857	21:34:11	-19:39:25	164520	-0: 6	2: 3	B5	4.72	.00	432	175	105	18540	1.0L	18540.000
128	437	850	21:34:14	-19:36:47	164520	-0: 3	4:41	B5	4.72	.00	434	256	26	30949	3.0C	10316.333
129	426	854	21:34:15	-19:35:31	164520	-0: 2	5:57	B5	4.72	.00	457	410	29	64744	10.0C	6474.400
130	432	844	21:34:28	-19:23:39	164528?	-0:22	3:45	B9	7.30	.00	368	112	34	18165 H	30.0C	605.500
131	417	848	21:34:38	-19:23: 4	164528	-0:12	4:20	B9	7.30	.00	249	51	28	5123	10.0C	512.300
132	438	853	21:34:39	-19:23:54	164528	-0:11	3:30	B9	7.30	.00	311	41	228	1717 H	3.0L	572.333
133	427	854	21:34:41	-19:23:41	164528	-0: 9	3:43	B9	7.30	.00	426	38	25	1692 H	3.0C	564.000
134	437	851	21:34:43	-19:25:39	164528	-0: 7	1:45	B9	7.30	.00	153	22	104	711 H	1.0L	711.000
135	162	411	21:35: 9	-9: 0: 7	145541	-0: 8	-4:48	A0	8.70	.00	134	100	17	5975 H	30.0C	199.167
136	174	417	21:35:11	-8:58:50	145541	-0: 4	-3:32	A0	8.70	.00	225	19	188	512 H	3.0L	170.667
137	149	414	21:35:13	-8:59:27	145541	-0: 2	-4: 9	A0	8.70	.00	102	37	17	1681 H	10.0C	168.100
138	161	419	21:35:15	-8:59:12	145541	0: 0	-3:53	A0	8.70	.00	55	10	18	286 H	3.0C	95.333
139	285	615	21:35:22	-13:46:55	164539	-0:10	-1:22	A0	8.40	.00	135	93	23	5614 H	30.0C	187.133
140	293	623	21:35:32	-13:47:39	164539	-0: 1	-2: 6	A0	8.40	.00	308	13	267	399 H	3.0L	133.000
141	270	619	21:35:32	-13:46:28	164539	0: 0	-0:54	A0	8.40	.00	115	36	19	1679	10.0C	167.900
142	281	624	21:35:35	-13:46:47	164539	0: 3	-1:14	A0	8.40	.00	65	11	21	338	3.0C	112.000
143	408	869	21:36:37	-19:26:39							65	13	24	402?	3.0C	134.000
144	370	805	21:37:40	-17:46: 7	164566	-0: 8	3:32	B3	9.30	.00	289	29	231	986	3.0L	328.667
145	348	800	21:37:40	-17:44:16	164566?	-0: 7	5:23	B3	9.30	.00	148	48	24	2650	10.0C	265.000
146	369	802	21:37:41	-17:46:52	164566	-0: 6	2:47	B3	9.30	.00	135	6	106	146 L	1.0L	146.000
147	360	797	21:37:42	-17:44:29	164566?	-0: 6	5:10	B3	9.30	.00	176	122	23	8569 H	30.0C	285.833
148	358	806	21:37:46	-17:45: 8	164566	-0: 2	4:31	B3	9.30	.00	80	16	22	580	3.0C	193.333
149	174	493	21:37:55	-10:30: 6	164570	0: 1	-3:55	A0	8.80	.00	89	68	19	3028 H	30.0C	100.933
150	174	493	21:37:55	-10:30: 8	164570?	-0:20	-4: 3	A2	9.00	.00	89	68	19	3028 H	30.0C	100.933
151	185	499	21:37:57	-10:30:15	164570	0: 3	-4: 4	A0	8.80	.00	227	9	197	225	3.0L	75.000
152	161	496	21:37:57	-10:31: 9	164570	0: 3	-4:57	A0	8.80	.00	74	23	18	806	10.0C	80.600
153	382	864	21:38:18	-19: 3:35							64	7	23	211?	3.0C	70.333
154	219	592	21:39:30	-12:26:47	164584	0:12	1:56	A2	8.30	.00	230	18	204	399?H	3.0L	133.000
155	422	948	21:39:37	-20:55:49							298	25	196	1096?	3.0L	365.333
156	376	894	21:40:36	-19:39:10							64	7	20	209?	30.0C	6.967
157	305	908	21:42:25	-17: 5:58							244	10	208	278?	3.0L	92.667
158	154	597	21:42:45	-12:10: 6							48	6	17	166?	10.0C	16.600
159	152	585	21:43:52	-11:39: 8	164639	0: 2	-3:17	A0	5.43	.00	258	28	177	1265	3.0L	421.667
160	140	587	21:43:53	-11:39:51	164639	0: 3	-4: 0	A0	5.43	.00	120	34	21	1669	3.0C	556.333
161	129	583	21:43:53	-11:41: 7	164639?	0: 2	-5:16	A0	5.43	.00	242	78	20	6144	10.0C	614.400
162	152	583	21:43:55	-11:41:44	164639	0: 4	-5:53	A0	5.43	.00	136	12	100	350 L	1.0L	350.000
163	140	580	21:43:59	-11:38:40	164639	0: 9	-2:49	A0	5.43	.00	319	171	22	19013	30.0C	633.767
164	281	832	21:44:45	-17:29:19	164653	-0: 6	2:19	B9	8.20	.00	164	129	23	8395 H	30.0C	279.833
165	288	839	21:44:54	-17:28:36	164653	0: 3	3: 3	B9	8.20	.00	242	15	200	471	3.0L	157.000
166	267	836	21:44:55	-17:28:46	164653	0: 4	2:51	B9	8.20	.00	123	50	20	2561	10.0C	256.100
167	277	841	21:44:58	-17:29: 7	164653	0: 7	2:31	B9	8.20	.00	62	15	23	449	3.0C	149.667
168	149	662	21:46:56	-13: 8:38							47	4	18	110?	30.0C	3.667
169	260	861	21:47:45	-17:34: 5							227	8	187	246?	3.0L	82.000
170	278	902	21:48: 9	-18:30: 2							215	4	186	104?	3.0L	34.667
171	34	540	21:48:27	-9:55: 0							56	6	17	184?	10.0C	18.400
172	39	579	21:50:48	-10:33:14	164717	-0: 8	-0:22	B9	6.50	.00	392	267	18	34623 H	30.0C	1154.100
173	48	585	21:50:59	-10:33:24	164717	0: 3	-0:31	B9	6.50	.00	255	23	174	784	3.0L	261.333
174	24	582	21:50:59	-10:31:22	164717	0: 3	1:31	B9	6.50	.00	274	134	21	11940	10.0C	1194.000
175	47	582	21:51: 3	-10:34:24	164717	0: 7	-1:32	B9	6.50	.00	149	16	110	473	1.0L	473.000
176	36	587	21:51: 3	-10:33:18	164717	0: 7	-0:25	B9	6.50	.00	130	66	21	3515 L	3.0C	1171.667

CETUS RA 02:44 DEC -14:30

OBJECT NO.	X	Y	R.A.	DEC.	SAO NO.	Δ R.A.	Δ DEC.	SPEC. TYPE	V MAG.	P MAG.	PEAK DEN.	NO. OF POINTS	BG	DENSITY VOLUME	EXP.& FILTER	DEN.VOL/ EXP.
1	507	980	2: 8:33	-15:30:57	148254	0: 0	2: 2	A0	7.90	.00	82	149	46	4048 H	3.0L	1349.333
2	609	879	2:11:23	-12:20: 8							52	12	16	323?	3.0C	107.667
3	542	835	2:15:19	-13:44:46							48	18	18	470?	10.0C	47.000
4	696	820	2:15:39	-10:31:12							49	6	16	157?	3.0C	52.333
5	164	774	2:22:20	-21:29: 1							50	8	13	225?	3.0C	75.000
6	479	800	2:23:14	-14:58:41							60	9	19	264?	8.4C	31.429
7	655	783	2:23:31	-12:31: 6	148385	-0: 1	-0:11	A0	4.90	.00	191	45	40	2909	1.0L	2909.000
8	594	785	2:23:33	-12:33:43	148385	0: 1	-2:48	A0	4.90	.00	378	113	23	12142	8.4C	1445.476
9	654	783	2:23:34	-12:32:47	148385	0: 2	-1:53	A0	4.90	.00	355	68	79	6576	3.0L	2192.000
10	596	729	2:23:34	-12:34:23	148385	0: 2	-3:29	A0	4.90	.00	269	63	16	5519	3.0C	1839.667
11	595	727	2:23:37	-12:35:39	148385	0: 5	-4:45	A0	4.90	.00	334	125	22	13047	10.0C	1304.700
12	391	705	2:27: 7	-16:50:60							47	6	17	152?	10.0C	15.200
13	813	691	2:30: 7	-9:11:57							103	17	75	404?	3.0L	134.667
14	177	714	2:31:57	-22:22:14							141	21	33	1166?	1.0L	1166.000
15	470	695	2:32:16	-16:20:17	NO						108	4	82	97	3.0L	32.333
16	411	696	2:32:16	-16:20:42	NO						53	8	20	204	8.4C	24.286
17	412	639	2:32:25	-16:20:34	NO						57	12	17	357	10.0C	35.700
18	733	603	2:32:44	-9:35:51	129994	-0:14	-1:44	A0	7.16	.00	59	14	13	465	3.0C	155.000
19	733	601	2:32:48	-9:35:52	129994	-0:10	-1:45	A0	7.16	.00	115	39	17	1941	10.0C	194.100
20	733	659	2:32:49	-9:35:18	129994	-0: 9	-1:11	A0	7.16	.00	107	36	18	1666 H	8.4C	198.333
21	791	657	2:32:51	-9:36:26	129994	-0: 6	-2:20	A0	7.16	.00	112	13	76	360 L	3.0L	120.000
22	756	584	2:34: 0	-9: 5:35	NO						47	7	20	159	10.0C	15.900
23	756	642	2:34: 2	-9: 5:10	NO						46	6	19	144	8.4C	17.143
24	622	561	2:37: 2	-11:50:55							49	5	12	136?	3.0C	45.333
25	572	567	2:41:47	-14: 4:30	148575	0: 2	-0:19	B5	4.39	.00	320	117	40	8899	1.0L	8899.000
26	571	567	2:41:52	-14: 4:45	148575	0: 8	-0:34	B5	4.39	.00	412	216	83	19729 L	3.0L	6576.333
27	513	568	2:41:60	-14: 4:42	148575	0:15	-0:32	B5	4.39	.00	419	308	22	35319	8.4C	4204.643
28	513	513	2:42: 6	-14: 4:11	148575	0:22	-0: 1	B5	4.39	.00	337	178	17	15362	3.0C	5120.667
29	513	511	2:42:10	-14: 4:14	148575	0:25	-0: 3	B5	4.39	.00	369	346	24	38604	10.0C	3860.400
30	200	585	2:42:48	-20:35:55	168025	-0:13	0:47	A0	7.06	.00	52	10	16	282 L	8.4C	33.571
31	200	529	2:43: 9	-20:35:31	168025	0: 8	1:10	A0	7.06	.00	55	13	16	379 L	10.0C	37.900
32	233	571	2:43:51	-19:56: 3							51	5	17	140?	8.4C	16.667
33	910	454	2:43:58	-5:50:58							38	4	12	94?	3.0C	31.333
34	504	503	2:47:31	-14:11:10							66	10	17	333?	8.4C	39.643
35	581	429	2:48:25	-12:31:16							41	6	13	155?	3.0C	51.667
36	309	458	2:48:39	-18:15:18							55	11	12	346?	3.0C	115.333
37	262	494	2:50:37	-20:27:33	NO						64	5	36	116	1.0L	116.000
38	203	494	2:50:38	-20:26: 1	NO						95	22	17	947	8.4C	112.738
39	202	441	2:50:50	-20:25:36	NO						44	7	12	185	3.0C	61.667
40	261	494	2:50:52	-20:27: 5	NO						134	13	75	483	3.0L	161.000
41	202	438	2:50:59	-20:25:33	NO						101	31	16	1317	10.0C	131.700
42	27	423	2:53:23	-23:52: 6							46	5	16	123?	10.0C	12.300
43	738	349	2:53:34	-9: 8:34							101	14	12	635?	3.0C	211.667
44	717	328	2:55:25	-9:32:27							42	5	13	131?	3.0C	43.667
45	572	324	2:57: 7	-12:33:20							71	9	15	338?	10.0C	33.800
46	447	369	2:59:40	-16:24:43							76	4	37	115?	1.0L	115.000
47	29	394	3: 0:18	-23:44:37	168249	0: 7	4:33	A3	4.16	.00	48	13	17	327 L	8.4C	38.929
48	28	340	3: 0:30	-23:42:44	168249?	0:19	6:26	A3	4.16	.00	54	19	15	539 L	10.0C	53.900
49	803	250	3: 1: 6	-7:45:32							105	20	16	852?	10.0C	85.200
50	701	257	3: 1:12	-9:47: 5							48	5	16	140?	10.0C	14.000
51	324	307	3: 1:13	-17:42:11							63	30	15	1033?	10.0C	103.300
52	73	373	3: 1:45	-22:50:45							84	17	16	670?	8.4C	79.762
53	344	307	3: 5:34	-17:14:54							86	30	17	1168?	8.4C	139.048
54	251	304	3: 6:33	-19: 9:12	148791	-0: 5	0:22	A0	7.30	.00	116	26	18	1241	8.4C	147.738
55	250	250	3: 6:34	-19: 7:38	148791	-0: 3	1:55	A0	7.30	.00	57	12	13	370	3.0C	123.333
56	250	248	3: 6:38	-19: 7:43	148791	0: 0	1:51	A0	7.30	.00	122	32	17	1582	10.0C	158.200
57	871	238	3: 6:41	-7:33: 2							108	11	69	335?	3.0L	111.667
58	308	304	3: 6:46	-19: 9:50	148791	0: 9	-0:16	A0	7.30	.00	116	11	73	339	3.0L	113.000
59	462	268	3: 8: 6	-15:54:21							111	7	75	187?	3.0L	62.333
60	170	270	3: 9:49	-20:45:23	168376	-0:11	3: 0	B9	6.90	.00	352	88	20	8978 H	8.4C	1068.810
61	168	217	3: 9:50	-20:44:31	168376	-0:11	3:52	B9	6.90	.00	204	52	14	3687 H	3.0C	1229.000
62	168	215	3: 9:53	-20:44:36	168376	-0: 8	3:47	B9	6.90	.00	325	100	17	10816 H	10.0C	1081.600
63	228	270	3: 9:57	-20:47:56	168376	-0: 3	0:27	B9	6.90	.00	134	25	33?	1455	1.0L	1455.000
64	226	270	3:10:13	-20:47:11	168376	0:12	1:12	B9	6.90	.00	293	70	72	5465 H	3.0L	1821.667
65	282	264	3:10:17	-19:38: 0							122	30	70	1083?	3.0L	361.000
66	196	232	3:12:46	-20:10:36	168410	-0:14	1:35	A0	6.86	.00	106	32	18	1492	8.4C	177.619
67	194	177	3:12:48	-20:10:38	168410	-0:12	1:33	A0	6.86	.00	116	38	17	1897	10.0C	189.700
68	194	178	3:12:49	-20: 9:10	168410	-0:10	3: 1	A0	6.86	.00	52	11	13	328 L	3.0C	109.333
69	252	232	3:13: 8	-20:11:60	168410	0: 9	0:11	A0	6.86	.00	104	15	70	413 L	3.0L	137.667
70	345	156	3:13:24	-17: 2:40	148864	-0: 4	-1:54	B3	8.20	.00	170	32	15	2016 H	3.0C	672.000
71	345	154	3:13:27	-17: 2:45	148864	-0: 1	-1:60	B3	8.20	.00	281	66	19	5996	10.0C	599.600
72	347	210	3:13:33	-17: 2:26	148864	0: 5	-1:40	B3	8.20	.00	280	59	21	5021	8.4C	597.738
73	404	209	3:13:37	-17: 1: 1	148864	0: 9	-0:15	B3	8.20	.00	271	47	74	3342 H	3.0L	1114.000
74	366	139	3:14:27	-16:35:49							96	39	16	1663?	10.0C	166.300
75	689	77	3:15:50	-9:58:28	130410	-0: 5	-3:40	B8	8.30	.00	44	9	17	216 L	10.0C	21.600
76	692	135	3:15:50	-9:52:59	130410	-0: 4	1:48	B8	8.30	.00	44	4	20	90 L	8.4C	10.714
77	372	114	3:16:17	-16:27:26							60	8	15	262?	10.0C	26.200
78	247	116	3:17:14	-19: 1: 8	148904	-0:16	0:21	A0	6.97	.00	53	17	16	469 L	10.0C	46.900
79	249	171	3:17:21	-19: 1:30	148904	-0: 9	-0: 1	A0	6.97	.00	51	12	17	323 L	8.4C	38.452
80	233	163	3:18:53	-20:29: 2	168485	-0:34	1: 8	A0	6.58	.00	127	20	70	693	3.0L	231.000
81	173	98	3:19:13	-20:29:27	168485	-0:14	0:43	A0	6.58	.00	71	33	17	1126	10.0C	112.600
82	176	153	3:19:16	-20:27:53	168485	-0:11	2:16	A0	6.58	.00	66	20	18	664	8.4C	79.048
83	460	46	3:25:40	-14:33:15	148969	0:19	-0:54	A0	7.16	.00	53	16	19	427?L	8.4C	50.833

GRUS RA 23:34 TO 23:54 DEC -42:30 TO -40:30

OBJECT NO.	X	Y	R.A.	DEC.	SAO NO.	Δ R.A.	Δ DEC.	SPEC. TYPE	V MAG.	P MAG.	PEAK DEN.	NO. OF POINTS	BG	DENSITY VOLUME	EXP.& FILTER	DEN.VOL/ EXP.
1	380	46	0: 1:48	-50:12: 7							160	18	16	1209?	3.0C	403.000
2	622	200	0: 2:40	-46:49:12							94	37	16	1643?	10.0C	164.300
3	606	477	0: 4:17	-40:12:33							45	6	14	154?	3.0C	51.333
4	682	268	0: 4:59	-44:57:18							70	11	15	415?	10.0C	41.500
5	569	29	0: 6:17	-50:21:46	231947	-0:20	4:56	B8	7.17	.00	80	26	22	917 L	10.0C	91.700
6	835	866	0: 7:40	-31: 8:14							68	14	16	492?	3.0C	164.0ED
7	571	320	0: 9: 3	-43:22:24							47	4	20	97?	30.0C	3.233
8	674	464	0:12:36	-39:32:14	NO						42	5	18	110	10.0C	11.000
9	684	465	0:12:39	-39:32:53	NO						63	54	22	1627	30.0C	54.233
10	652	357	0:15: 7	-41:50:19							72	15	21	525?	30.0C	17.500
11	836	702	0:15:12	-33:53:43							87	9	22	382?	30.0C	12.733
12	807	501	0:21:44	-37:41:60	192504	0: 9	-0:44	B9	7.83	.00	76	19	16	661	3.0C	220.333
13	793	497	0:21:44	-37:41:49	192504	0: 8	-0:34	B9	7.83	.00	165	45	18	2631	10.0C	263.100
14	804	498	0:22: 3	-37:44:48	192504?	0:28	-3:32	B9	7.83	.00	213	117	22	9028	30.0C	300.933
15	668	223	0:23:33	-44: 1:60	215092	-0:12	-4:34	A3	3.98	.00	83	30	22	958 L	30.0C	31.933
16	659	222	0:23:42	-43:58:46	215092	-0: 3	-1:20	A3	3.98	.00	46	5	17	130 L	10.0C	13.000
17	808	413	0:26:43	-39:11:51							51	4	21	104?	30.0C	3.467
18	627	34	0:28:57	-47:48: 5							54	27	24	685?	30.0C	22.833
19	885	461	0:30:31	-37:38: 1							49	9	15	242?	3.0C	80.667
20	821	342	0:31:39	-40:19:56	215143?	0:16	-7:55	B8	7.54	.00	190	106	24	8059	30.0C	268.633
21	827	345	0:31:41	-40:14:12	215143	0:19	-2:11	B8	7.54	.00	64	19	14	627	3.0C	209.000
22	812	341	0:31:44	-40:15:21	215143?	0:21	-3:20	B8	7.54	.00	148	46	18	2677	10.0C	267.700
23	936	358	0:40:49	-38:52:50	192690?	0:30	-8:37	A0	6.07	.00	354	211	24	25015	30.0C	833.833
24	942	360	0:40:51	-38:47:15	192690?	0:32	-3: 2	A0	6.07	.00	98	55	15	2477	3.0C	825.667
25	928	356	0:40:51	-38:47:27	192690?	0:32	-3:13	A0	6.07	.00	227	108	18	8765	10.0C	876.500
26	953	373	0:41: 2	-38:26:11	192692?	0:28	-2: 8	B8	.00	10.10	46	18	16	438 H	3.0C	146.000
27	939	369	0:41: 6	-38:27:24	192692?	0:32	-3:20	B8	.00	10.10	113	66	20	3130 H	10.0C	313.000
28	948	371	0:41: 6	-39:31: 6	192692?	0:32	-7: 2	B8	.00	10.10	177	147	27	10283 H	30.0C	342.767
29	91	405	22:51:13	-47:54:26							116	11	50	471?	1.0L	471.000
30	146	763	22:51:13	-40:23:44							43	5	15	121?	3.0C	40.333
31	38	346	22:54: 9	-48:58:54							55	5	15	168?	3.0C	56.000
32	191	632	22:56:53	-42:53:60							42	4	16	96?	10.0C	9.600
33	158	375	23: 0:11	-48: 5:50	231409	0: 7	1:13	B8	6.72	.00	201	39	108	1817	3.0L	605.667
34	160	374	23: 0:14	-48: 4:52	231409	0:10	2:11	B8	6.72	.00	90	14	52	417 L	1.0L	417.000
35	133	376	23: 0:14	-48: 4:57	231409	0:10	2: 6	B8	6.72	.00	233	74	20	5889	10.0C	589.900
36	103	374	23: 0:24	-48: 3:31	231409	0:20	3:31	B8	6.72	.00	106	37	16	1709	3.0C	569.667
37	349	837	23: 3:28	-37:59:23							90	6	55	165?	1.0L	165.000
38	98	753	23: 3:59	-39:10: 6	214313	-0: 8	-0:19	A0	5.59	.00	54	15	17	437?L	10.0C	43.700
39	280	779	23: 4: 0	-39:12:43	214313	-0: 7	-2:57	A0	5.59	.00	163	49	16	2834	3.0C	944.667
40	336	777	23: 4: 1	-39:14:39	214313	-0: 6	-4:52	A0	5.59	.00	139	22	56	1013	1.0L	1013.000
41	334	780	23: 4: 1	-39:13:26	214313	-0: 6	-3:40	A0	5.59	.00	287	41	117	2768	3.0L	922.667
42	310	781	23: 4: 3	-39:13:38	214313	-0: 4	-3:52	A0	5.59	.00	317	88	22	8122	10.0C	812.200
43	52	424	23:10:37	-45:40:48							55	29	18	830?	10.0C	83.000
44	370	681	23:13:29	-40:37:39	231522	0:13	1:12	A5	9.50	9.70	46	51	18	1185 H	10.0C	118.500
45	329	527	23:15:33	-43:49:14							58	9	16	290?	10.0C	29.000
46	287	347	23:15:52	-47:41:34	231542	-0: 8	0:58	A0	6.70	.00	86	6	54	161 L	1.0L	161.000
47	286	350	23:15:54	-47:41:21	231542	-0: 5	1:11	A0	6.70	.00	186	19	113	782	3.0L	260.667
48	231	348	23:15:58	-47:39:55	231542	-0: 1	2:37	A0	6.70	.00	97	20	15	866	3.0C	288.667
49	262	351	23:16: 1	-47:39:38	231542	0: 3	2:53	A0	6.70	.00	205	45	18	3231	10.0C	323.100
50	79	315	23:16: 3	-47:44: 0	231542	0: 5	-1:28	A0	6.70	.00	47	17	18	419 L	3.0C	139.667
51	76	309	23:16: 3	-47:44: 9	231542	0: 4	-1:37	A0	6.70	.00	174	145	19	11007	30.0C	366.900
52	65	310	23:16:12	-47:44:16	231542	0:13	-1:44	A0	6.70	.00	110	65	16	3088	10.0C	308.800
53	239	792	23:16:35	-37:30:58							96	15	22	701?	30.0C	23.367
54	48	166	23:17:60	-50:31:17	247837	-0: 1	3:45	A3	8.87	.00	86	14	19	510?	30.0C	17.000
55	297	839	23:19: 6	-36:28:46							91	9	50	266?	1.0L	266.000
56	470	840	23:20:12	-36:31:37							53	7	16	200?	3.0C	66.667
57	531	830	23:21: 3	-36:35:56	214517	-0:14	2:53		10.50	10.78	90	5	55	143?	1.0L	143.000
58	370	935	23:23:15	-34: 4:21							104	13	49	459?	1.0L	459.000
59	300	191	23:24:26	-50:25: 9	247880	0: 3	0:49	B8	6.34	.00	148	36	52	1675	1.0L	1675.000
60	299	193	23:24:29	-50:26:18	247880	0: 6	-0:20	B8	6.34	.00	292	68	105	4734 H	3.0L	1578.000
61	244	191	23:24:31	-50:24:32	247880	0: 7	1:26	B8	6.34	.00	207	55	15	4095 H	3.0C	1365.000
62	275	194	23:24:31	-50:24:44	247880	0: 8	1:14	B8	6.34	.00	378	96	19	11030	10.0C	1103.000
63	485	614	23:25:23	-41: 0:39							179	9	127	283?	3.0L	94.333
64	453	586	23:25:52	-41:37:58							59	8	16	261?	10.0C	26.100
65	289	656	23:26:36	-39:42:42							46	4	19	100?	10.0C	10.000
66	327	315	23:28:15	-47:29: 6							44	4	17	93?	3.0C	31.000
67	476	625	23:29:12	-40:23:23							62	10	15	330?	3.0C	110.000
68	358	227	23:29.49	-49:19:56	231652?	0:12	9:34	A5	9.30	9.90	148	4	105	1547H	3.0L	51.333
69	429	926	23:29:51	-33:38:24							51	4	16	122?	3.0C	40.667
70	558	722	23:30:18	-39: 8:12	214615	0: 1	-2:29	B9	4.46	.00	434	285	21	32852	10.0C	3285.200
71	348	714	23:30:19	-38: 9:57	214615	0: 1	-4:15	B9	4.46	.00	436	282	21	32861	10.0C	3286.100
72	356	714	23:30:19	-38:10:28	214615	0: 1	-4:45	B9	4.46	.00	483	538	32	76689	30.0C	2556.300
73	529	719	23:30:21	-38: 9:29	214615	0: 4	-3:47	B9	4.46	.00	324	135	19	12034	3.0C	4011.333
74	363	718	23:30:23	-38: 9:18	214615	0: 5	-3:36	B9	4.46	.00	345	132	19	12629	3.0C	4209.667
75	376	720	23:30:24	-38: 8:58	214615	0: 6	-3:15	B9	4.46	.00	357	69	59	6308	1.0L	6308.000
76	585	719	23:30:25	-39: 6: 9	214615	0: 7	-0:26	B9	4.46	.00	317	76	60	6420	1.0L	6420.000
77	583	721	23:30:28	-39: 6:51	214615	0:10	-1: 9	B9	4.46	.00	412	137	126	12290	3.0L	4096.667
78	378	305	23:31:13	-47:31:49							57	10	16	302?	10.0C	30.200
79	402	810	23:31:30	-35:59:49							54	7	24	168?	30.0C	5.600
80	449	501	23:32:15	-42:53:51	231672?	0: 6	3:48	A2	6.86	.00	52	8	15	225	3.0C	75.000
81	449	501	23:32:15	-42:53:51	231675	-0: 8	-0:21	A2	4.80	.00	52	8	15	225 L	3.0C	75.000
82	290	490	23:32:16	-42:52:35	231672?	0: 7	5: 5	A2	6.86	.00	168	84	24	5702	30.0C	190.067
83	290	490	23:32:16	-42:52:35	231675	-0: 7	0:55	A2	4.80	.00	168	84	24	5702 L	30.0C	190.067
84	295	495	23:32:18	-42:51: 4	231672?	0: 9	6:36	A2	6.86	.00	60	13	15	391	3.0C	130.333
85	295	495	23:32:18	-42:51: 4	231675	-0: 5	2:26	A2	4.80	.00	60	13	15	391 L	3.0C	130.333
86	281	491	23:32:18	-42:51:10	231672?	0: 9	6:29	A2	6.86	.00	129	34	17	1812	10.0C	181.200
87	281	491	23:32:18	-42:51:10	231675	-0: 5	2:20	A2	4.80	.00	129	34	17	1812 L	10.0C	181.200
88	504	502	23:32:25	-42:52:58	231672?	0:15	4:42	A2	6.86	.00	159	4	122	133	3.0L	44.333
89	504	502	23:32:25	-42:52:58	231675	0: 1	0:32	A2	4.80	.00	159	4	122	133 L	3.0L	44.333
90	480	503	23:32:25	-42:53:45	231672?	0:16	3:55	A2	6.86	.00	133	26	18	1481	10.0C	148.100
91	480	503	23:32:25	-42:53:45	231675	0: 2	-0:14	A2	4.80	.00	133	26	18	1481 L	10.0C	148.100
92	434	827	23:33:57	-35:24: 8							69	11	23	351?	30.0C	11.700
93	465	366	23:34:59	-45:46:21	231707	-0:11	-0:12	A2	4.86	.00	165	13	117	413 L	3.0L	137.667
94	411	364	23:34:59	-45:48: 5	231707	-0:11	-1:56	A2	4.86	.00	64	10	14	333 L	3.0C	111.000
95	441	367	23:35: 3	-45:47: 1	231707	-0: 7	-0:52	A2	4.86	.00	141	29	16	1592 L	10.0C	159.200
96	250	346	23:35: 7	-45:46:40	231707	-0: 3	-0:31	A2	4.86	.00	126	36	17	1921 L	10.0C	192.100
97	265	352	23:35:15	-45:46: 8	231707	0: 5	0: 1	A2	4.86	.00	62	13	15	411 L	3.0C	137.000
98	262	348	23:35:15	-45:45:45	231707	0: 5	0:24	A2	4.86	.00	179	88	23	6351 L	30.0C	211.700
99	356	234	23:35:33	-48:40:35							43	4	14	98?	3.0C	32.667
100	653	832	23:37:10	-34:54:45							51	6	16	169?	3.0C	56.333

GRUS RA 23:34 TO 23:54 DEC -42:30 TO -40:30

OBJECT NO.	X	Y	R.A.	DEC.	SAO NO.	Δ R.A.	Δ DEC.	SPEC. TYPE	V MAG.	P MAG.	PEAK DEN.	NO. OF POINTS	BG	DENSITY VOLUME	EXP.& FILTER	DEN.VOL/ EXP.
101	508	923	23:37:43	-32:59:22							91	15	25	619?	30.0C	20.633
102	286	322	23:38:55	-46:10:31							61	10	13	328?	3.0C	109.333
103	479	774	23:39:58	-36: 0:26							55	8	23	216?	30.0C	7.200
104	467	711	23:40:39	-37:21:13							54	11	14	340?	3.0C	113.333
105	695	823	23:41:20	-34:39:30	NO						55	17	17	483	3.0C	161.000
106	725	826	23:41:31	-34:40:40	NO						123	55	18	2800	10.0C	280.000
107	749	825	23:41:40	-34:41:39	NO						168	31	113	1054	3.0L	351.333
108	537	825	23:41:51	-34:45:16	NO						87	11	53	294	1.0L	294.000
109	511	819	23:41:56	-34:47: 7	NO						144	47	20	2580	10.0C	258.000
110	518	820	23:41:56	-34:48: 1	NO						187	111	25	8098	30.0C	269.933
111	525	823	23:41:59	-34:46:20	NO						69	16	15	584	3.0C	194.667
112	473	277	23:42:56	-47: 5:13							37	6	16	124?	10.0C	12.400
113	674	632	23:42:57	-38:48:47							181	6	126	220?	3.0L	73.333
114	235	89	23:44:19	-50:31:58	248018	-0:18	-1:44	B5	5.37	.00	464	159	25?	46588	10.0C	4658.800
115	248	92	23:44:20	-50:33:40	248018	-0:17	-3:26	B5	5.37	.00	374	216	18	30725 H	3.0C	10241.667
116	414	118	23:44:22	-50:29:30	248018	-0:15	0:44	B5	5.37	.00	453	400	21	53393	10.0C	5339.300
117	249	91	23:44:23	-50:28:36	248018	-0:15	1:38	B5	5.37	.00	464	968	25	93407	30.0C	3113.567
118	440	114	23:44:25	-50:29:12	248018	-0:12	1: 2	B5	5.37	.00	364	176	57	19493 H	1.0L	19493.000
119	440	117	23:44:27	-50:28: 5	248018	-0:10	2: 9	B5	5.37	.00	445	285	111	35240 H	3.0L	11746.667
120	261	95	23:44:27	-50:33:28	248018	-0:10	-3:14	B5	5.37	.00	409	73	50?	17017	1.0L	17017.000
121	384	115	23:44:31	-50:29:26	248018	-0: 6	0:49	B5	5.37	.00	362	210	18	23079	3.0C	7693.000
122	326	241	23:46:57	-47:18:41							45	10	13	273?	3.0C	91.000
123	591	302	23:51:29	-45:36: 8							150	14	116	364?	3.0L	121.333
124	424	324	23:52:29	-45: 2:20							86	11	52	299?	1.0L	299.000
125	686	895	23:52:41	-32: 5:39	214860/	-0: 1	6:20	B3	6.05	.00	225	98	52	6688	1.0L	6688.000
126	686	895	23:52:41	-32: 5:39	214861/	-0: 1	4: 6	A	6.73	.00	225	98	52	6688	1.0L	6688.000
127	673	893	23:52:42	-32: 6: 6	214860/	0: 0	5:53	B3	6.05	.00	323	117	20	12615	3.0C	4205.000
128	673	893	23:52:42	-32: 6: 6	214861/	-0: 0	3:39	A	6.73	.00	323	117	20	12615	3.0C	4205.000
129	659	889	23:52:46	-32: 6:22	214860/	0: 4	5:37	B3	6.05	.00	433	223	24	30818	10.0C	3081.800
130	659	889	23:52:46	-32: 6:22	214861/	0: 4	3:23	A	6.73	.00	433	223	24	30818	10.0C	3081.800
131	665	890	23:52:46	-32: 8:51	214860/	0: 4	3: 8	B3	6.05	.00	482	431	30	73039	30.0C	2434.633
132	665	890	23:52:46	-32: 8:51	214861/	0: 4	0:54	A	6.73	.00	482	431	30	73039	30.0C	2434.633
133	628	308	23:54:37	-45: 3: 6							92	14	52	396?	1.0L	396.000
134	585	637	23:56: 3	-37:21:35							101	11	17	495?	10.0C	49.500
135	497	417	23:56:51	-42:21:45	231876	0: 5	-1:40	B9	8.50	8.90	47	7	19	179?L	30.0C	5.967
136	721	523	23:57:32	-39:39:28	214911	-0:14	1:10	B5	10.20	10.00	49	8	14	225	3.0C	75.000
137	751	526	23:57:35	-39:39:51	214911	-0:11	0:47	B5	10.20	10.00	95	25	17	1096	10.0C	109.600
138	776	525	23:57:45	-39:40:31	214911	-0: 1	0: 8	B5	10.20	10.00	160	9	118	276	3.0L	92.000
139	559	526	23:57:47	-39:45:20	214911	0: 1	-4:41	B5	10.20	10.00	98	62	20	2872 H	30.0C	95.733
140	565	530	23:57:48	-39:41:53	214911	0: 2	-1:15	B5	10.20	10.00	44	4	15	113 L	3.0C	37.667
141	551	525	23:57:52	-39:43:36	214911	0: 6	-2:58	B5	10.20	10.00	93	24	16	1068	10.0C	106.800
142	457	271	23:59:47	-45:27:15							95	15	22	630?	30.0C	21.000

PAVO RA 21:14 DEC -52:12

1	536	56	20:21:33	-56:54:37	246574	-0: 9	-0:47	B3	2.12	.00	511	997	20?	333700	3.0C	111233.333
2	545	68	20:22:27	-56:51:32	246574	0:44	2:18	B3	2.12	.00	511	1705	125?	322894 H	3.0L	107631.333
3	285	213	20:25:46	-51: 5:15							52	6	15	185?	3.0C	61.667
4	523	115	20:27:20	-56:14:48							85	8	54	209?	1.0L	209.000
5	366	205	20:29:28	-52:39:47							80	9	16	335?	3.0C	111.667
6	358	222	20:29:42	-52:14:56							169	7	121	226?	3.0L	75.333
7	135	355	20:33:36	-47: 8: 2							44	4	16	101?	3.0C	33.667
8	388	233	20:34: 8	-52:52: 9							92	38	15	1601?	3.0C	533.667
9	540	164	20:36: 7	-56:13:21							52	4	15	123?	3.0C	41.000
10	242	368	20:40:31	-48:58:59							45	4	16	94?	3.0C	31.333
11	317	334	20:41:19	-50:40:19	246715	-0: 3	-0: 9	A0	7.49	.00	75	14	17	492	3.0C	164.000
12	327	340	20:41:20	-50:39:58	246715	-0: 2	0:12	A0	7.49	.00	183	15	125	548	3.0L	182.667
13	743	105	20:42:56	-60:17:24							52	5	15	135?	3.0C	45.000
14	708	136	20:44:48	-59:25:60	246736	-0: 5	-0:50	A0	7.41	.00	66	26	16	859	3.0C	286.333
15	718	142	20:44:50	-59:27:21	246736	-0: 2	-2:12	A0	7.41	.00	193	48	120	1965 H	3.0L	655.000
16	713	143	20:44:58	-59:26:43	246736	0: 5	-1:34	A0	7.41	.00	79	12	48	314	1.0L	314.000
17	530	242	20:45: 9	-55:22:38	246739	-0: 7	1: 5	A5	10.16	.00	45	6	16	149 H	3.0C	49.667
18	540	247	20:45:10	-55:24: 2	246739	-0: 6	-0:19	A5	10.16	.00	173	13	128	388 H	3.0L	129.333
19	695	183	20:50:21	-58:50:39							72	19	16	652?	3.0C	217.333
20	362	394	20:50:59	-50:54:42	246786	-0: 2	0:23	B9	6.46	.00	273	53	21	4277	3.0C	1425.667
21	372	400	20:51: 1	-50:54:16	246786	-0: 0	0:48	B9	6.46	.00	377	57	136	4275	3.0L	1425.000
22	368	402	20:51: 5	-50:53:48	246786	0: 4	1:16	B9	6.46	.00	229	34	59	2213	1.0L	2213.000
23	210	511	20:52:34	-46:58:25							80	4	52	101?	1.0L	101.000
24	399	385	20:52:35	-51:39:58							48	6	16	157?	3.0C	52.333
25	551	336	20:57:13	-54:48:32							96	8	55	239?	1.0L	239.000
26	77	642	20:58: 0	-43:16:33							132	4	106	99?	3.0L	33.000
27	353	537	21: 4:31	-49: 8:17	230536	0: 4	0:13	A0	6.84	.00	225	17	137	828	3.0L	276.000
28	350	539	21: 4:36	-49: 8:21	230536	0: 9	0: 9	A0	6.84	.00	101	9	58	285	1.0L	285.000
29	343	532	21: 4:42	-49: 7:29	230536	0:15	1: 1	A0	6.84	.00	95	21	18	948	3.0C	316.000
30	243	599	21: 4:43	-46:40:37	230538	0: 5	1: 5	A0	7.23	.00	69	14	18	477 L	3.0C	159.000
31	253	605	21: 4:44	-46:39:58	230538	0: 5	1:44	A0	7.23	.00	193	19	127	698	3.0L	232.667
32	250	607	21: 4:46	-46:40: 4	230538	0: 7	1:38	A0	7.23	.00	83	5	55	118 L	1.0L	118.000
33	123	699	21: 6: 0	-43:32:33	230548	0:10	-3:50	A0	8.50	8.80	74	6	47	151	1.0L	151.000
34	127	704	21: 6:46	-43:28:42	230555	-0: 7	6:29	B9	6.90	.00	200	46	107	2327	3.0L	775.667
35	117	698	21: 6:47	-43:29:27	230555	-0: 6	5:44	B9	6.90	.00	99	42	18	1764	3.0C	588.000
36	125	707	21: 6:57	-43:30: 8	230555	0: 4	5: 3	B9	6.90	.00	89	19	50	562	1.0L	562.000
37	744	284	21: 8:13	-58:44:19							68	29	15	1062?	3.0C	354.000
38	157	716	21:10:53	-43:59:19	230589	-0:11	2:18	A0	9.20	.00	63	5	18	170	3.0C	56.667
39	467	522	21:11:32	-51:16: 9							182	8	132	279?	3.0L	93.000
40	533	491	21:13:51	-52:48:18							98	7	56	207?	1.0L	207.000
41	839	285	21:16:36	-60:18:10							44	8	15	199?	3.0C	66.333
42	280	742	21:19:45	-45:42:26							84	4	55	103?	1.0L	103.000
43	924	288	21:24:48	-61:38:39							48	6	14	165?	3.0C	55.000
44	547	587	21:25:24	-51:54: 1							84	4	58	93?	1.0L	93.000
45	317	838	21:31:32	-45:12: 9							148	4	124	91?	3.0L	30.333
46	894	370	21:31:48	-60: 9: 9							137	17	53	772?	1.0L	772.000
47	542	661	21:32:29	-50:55:31							106	9	62	294?	1.0L	294.000
48	884	387	21:33: 4	-59:47:11							102	8	51	279?	1.0L	279.000
49	389	809	21:34: 4	-46:43:36							85	7	55	177?	1.0L	177.000
50	383	830	21:35:35	-46:20:43	230769?	-0:21	-1:17	B9	9.60	9.60	233	36	131	1864 H	3.0L	621.333

PAVO RA 21:14 DEC -52:12

OBJECT NO.	X	Y	R.A.	DEC.	SAO NO.	Δ R.A.	Δ DEC.	SPEC. TYPE	V MAG.	P MAG.	PEAK DEN.	NO. OF POINTS	BO	DENSITY VOLUME	EXP.& FILTER	DEN.VOL/ EXP.
51	383	830	21:35:35	-46:20:43	230770?	-0:34	-5: 8	A0	9.00	9.40	233	36	131	1864 H	3.0L	621.333
52	380	832	21:35:36	-46:19:32	230769?	-0:20	-0: 5	B9	9.60	9.60	100	17	56	513	1.0L	513.000
53	380	832	21:35:36	-46:19:32	230770?	-0:33	-3:57	A0	9.00	9.40	100	17	56	513	1.0L	513.000
54	372	825	21:35:36	-46:19:47	230769?	-0:20	-0:21	B9	9.60	9.60	84	26	18	998 H	3.0C	332.667
55	372	825	21:35:36	-46:19:47	230770?	-0:33	-4:12	A0	9.00	9.40	84	26	18	998 H	3.0C	332.667
56	639	658	21:42:13	-52:33:10							52	4	17	113?	3.0C	37.667
57	560	732	21:42:21	-50:22:52							42	4	17	94?	3.0C	31.333
58	659	665	21:43:15	-52:40:59							193	7	138	232?	3.0L	77.333
59	664	665	21:43:42	-52:45:45							171	5	138	139?	3.0L	46.333
60	670	663	21:45:33	-52:58:34							77	7	20	248?	3.0C	82.667
61	811	552	21:45:35	-56:31:15	247190	0:10	-0:50	B9	6.74	.00	282	44	126	2862	3.0L	954.000
62	801	546	21:45:39	-56:31:27	247190	0:14	-1: 3	B9	6.74	.00	181	40	18	2510	3.0C	836.667
63	808	552	21:45:40	-56:31:17	247190	0:15	-0:53	B9	6.74	.00	126	26	55	1045	1.0L	1045.000
64	675	663	21:46: 0	-53: 3:18							62	6	22	159?	3.0C	53.000
65	903	508	21:49:41	-58:31:15							92	7	51	211?	1.0L	211.000
66	894	532	21:51:23	-58: 2:50							152	6	118	173?	3.0L	57.667
67	523	885	21:52: 3	-47:51: 3							196	13	129	492?	3.0L	164.000
68	955	509	21:54:31	-59:12:59							141	4	115	95?	3.0L	31.667
69	849	627	21:57:11	-56: 6:41	247262	0:11	0:43	B8	6.21	.00	260	53	122	3296	3.0L	1098.667
70	839	621	21:57:16	-56: 8:58	247262	0:15	0:25	B8	6.21	.00	171	47	19	2992	3.0C	997.333
71	846	627	21:57:22	-56: 5:27	247262	0:21	1:57	B8	6.21	.00	114	29	56	1024	1.0L	1024.000
72	557	973	22: 3: 9	-47:15:19							184	4	125?	234?	3.0L	78.000
73	734	802	22: 3:29	-52: 3:50							151	4	123	95?	3.0L	31.667
74	569	974	22: 4:21	-47:24:17							206	5	125?	395?	3.0L	131.667
75	566	980	22: 4:43	-47:18:25	230992	-0:23	-6:10	B5	2.16	.00	80	159	55?	714	1.0L	714.000
76	568	982	22: 4:57	-47:18:13	230992	-0: 8	-5:58	B5	2.16	.00	271	662	125?	13157 L	3.0L	4385.667
77	557	981	22: 5:19	-47:13:58	230992	0:13	-1:43	B5	2.16	.00	307	269	20?	23513 L	3.0C	7837.667
78	766	835	22: 9:28	-52: 6:12							150	4	123	95?	3.0L	31.667
79	685	944	22:11:52	-49:28:54	NO						159	33	124	881	3.0L	293.667
80	675	938	22:11:59	-49:29: 3	NO						46	9	21	200	3.0C	66.667
81	742	928	22:17:11	-50:35:29							62	6	19	178?	3.0C	59.333

MENSA RA 05:50 DEC -74:00

1	256	903	3:26: 8	-77: 9:17	NO						163	16	83	642	30.0C	21.400
2	269	904	3:28: 3	-76:55:47	255988?	2:16	-0:37	A0	6.89	.00	124	4	90	121 L	30.0C	4.033
3	237	877	3:30:15	-77:47:41							108	5	76	134?	30.0C	4.467
4	332	926	3:33: 5	-75:34: 7							131	27	87	838?	30.0C	27.933
5	177	822	3:35:58	-79:27:21	NO						164	15	66	695	30.0C	23.167
6	176	824	3:36: 7	-79:29:10	NO						65	4	29	123	10.0C	12.300
7	243	954	3:38:22	-77:57:47							110	8	74	222?	30.0C	7.400
8	171	806	3:40:30	-79:43:55							92	12	66	270?	30.0C	9.000
9	241	846	3:40:46	-78: 4:39							113	7	76	181?	30.0C	6.033
10	512	981	3:44:46	-71:47: 8	256025	-0:53	1:39	A0	6.54	.00	343	123	42	11579 H	10.0C	1157.900
11	513	981	3:44:49	-71:46:56	256025	-0:49	1:51	A0	6.54	.00	99	30	61	835 H	1.0L	835.000
12	511	978	3:44:50	-71:47:57	256025	-0:48	0:50	A0	6.54	.00	428	840	93?	23433 H	30.0C	781.100
13	514	982	3:44:52	-71:47: 5	256025	-0:47	1:41	A0	6.54	.00	249	484	140?	4367 H	3.0L	1455.700
14	531	975	3:47:29	-71:27:41							128	4	99	103?	30.0C	3.433
15	259	835	3:47:32	-77:53: 0							130	6	81	187?	30.0C	6.233
16	276	844	3:47:45	-77:28:24	NO						120	28	85	713	30.0C	23.767
17	301	861	3:47:50	-76:54:60	256028	-0: 8	-2:54	B8	8.12	.00	194	29	141	985	3.0L	328.333
18	275	846	3:47:52	-77:29:12	NO						58	5	36	106	10.0C	10.600
19	300	859	3:47:52	-76:54:32	256028	-0: 6	-2:26	B8	8.12	.00	167	55	36	3093	10.0C	309.300
20	300	855	3:48:16	-76:55:56	256028	0:17	-3:51	B8	8.12	.00	341	100	85	8663	30.0C	288.767
21	537	969	3:49:13	-71:24:40							137	8	95	236?	30.0C	7.867
22	283	838	3:51:45	-77:25:33							73	4	35	107?	10.0C	10.700
23	561	943	3:57:47	-71:12:13							96	104	39	4117?	10.0C	411.700
24	570	940	3:58:32	-71: 2:13							140	7	96	210?	30.0C	7.000
25	553	934	3:59: 7	-71:25:42	256053?	-1:54	-7:22	A0	6.72	.00	103	191	42	7951	10.0C	795.100
26	562	929	4: 0:14	-71:17:46	256053	-0:46	0:34	A0	6.72	.00	143	24	96	750 L	30.0C	25.000
27	359	841	4: 0:49	-75:59: 3							118	8	88	203?	30.0C	6.767
28	604	942	4: 1:21	-70:22: 6							121	8	94	190?	30.0C	6.333
29	648	961	4: 2: 8	-69:23:47							177	5	145	125?	3.0L	41.667
30	264	791	4: 3:34	-78:12:37							115	4	84	118?	30.0C	3.867
31	294	804	4: 3:34	-77:32:11							152	8	87	319?	30.0C	10.633
32	296	794	4: 7:18	-77:35:37							128	5	87	168?	30.0C	5.600
33	463	857	4: 9:34	-73:53:31							191	7	154	196?	3.0L	65.333
34	602	897	4:11:28	-70:47: 8							90	17	39	581?	10.0C	58.100
35	817	978	4:12:18	-65:59:58							74	4	35	121?	10.0C	12.100
36	688	875	4:22:40	-69:16: 3							257	17	150	912?	3.0L	304.000
37	440	788	4:24:52	-74:48:52							116	5	93	103?	30.0C	3.433
38	353	760	4:25:29	-76:44:53							117	7	87	170?	30.0C	5.667
39	175	699	4:26:57	-80:35:37	NO						107	8	68	230	30.0C	7.667
40	445	767	4:31:21	-74:50:52							126	85	93	1900?	30.0C	63.333
41	606	809	4:31:36	-71:18:39	LMC						109	7	66	232?	1.0L	232.000
42	316	730	4:32: 8	-77:40:43							113	8	79	211?	30.0C	7.033
43	611	808	4:32:11	-71:12:53	LMC						127	8	68	308?	1.0L	308.000
44	441	763	4:32:15	-74:57: 2							113	8	89	172?	30.0C	5.733
45	446	761	4:33:17	-74:51:35							137	31	91	938?	30.0C	31.267
46	199	691	4:33:49	-80:10:45	NO						115	10	66	348	30.0C	11.533
47	452	760	4:34: 4	-74:44:35							154	51	89	1918?	30.0C	63.867
48	199	692	4:34:38	-80:10:28							67	8	34	211?	10.0C	21.100
49	92	658	4:35:10	-82:24:50							103	4	66	139?	30.0C	4.633
50	211	691	4:35:14	-79:56:16							118	5	66	175?	30.0C	5.833

MENSA RA 05:50 DEC -74:00

OBJECT NO.	X	Y	R.A.	DEC.	SAO NO.	Δ R.A.	Δ DEC.	SPEC. TYPE	V MAG.	P MAG.	PEAK DEN.	NO. OF POINTS	BG	DENSITY VOLUME	EXP.& FILTER	DEN.VOL/ EXP.
51	514	769	4:35:27	-73:25:35	NO LMC						184	11	88	564	30.0C	18.800
52	513	771	4:35:32	-73:26:14	NO LMC						94	8	37	281	10.0C	28.100
53	203	691	4:35:34	-80: 5:58							77	6	45	147?	10.0C	14.700
54	208	689	4:35:49	-80: 0:31							145	53	65	2682?	30.0C	89.400
55	279	709	4:35:52	-78:31:38	NO						159	27	81	1160	30.0C	38.667
56	837	852	4:35:57	-66:27: 6							126	18	93	473?	30.0C	15.767
57	279	712	4:36: 9	-78:31: 3	NO						74	9	37	248	10.0C	24.800
58	271	706	4:36:17	-78:42:17							109	4	82	92?	30.0C	3.067
59	462	752	4:36:54	-74:35:44	NO						145	22	86	733	30.0C	24.433
60	462	754	4:37: 9	-74:33:56	NO LMC						62	4	36	94	10.0C	9.400
61	725	810	4:37:45	-68:53:33	249073	-0:36	0:60	A0	8.13	.00	251	52	95	3471	30.0C	115.700
62	725	812	4:38: 4	-68:53:16	249073	-0:.7	1:17	A0	8.13	.00	112	33	41	1284	10.0C	128.400
63	217	685	4:38:34	-79:52: 2							116	22	72	739?	30.0C	24.633
64	215	688	4:38:40	-79:53:51	NO						54	4	33	80	10.0C	8.000
65	114	655	4:39:57	-82: 0:33	NO						128	14	61	551	30.0C	18.367
66	113	656	4:40:51	-82: 1:25	NO						69	7	28	213	10.0C	21.300
67	64	641	4:41: 7	-83: 3:10	NO						187	16	72	972	30.0C	32.400
68	65	642	4:42:27	-83: 1:37	NO						68	4	32	113	10.0C	11.300
69	632	764	4:43:35	-71: 1: 7	256122	0: 2	0:16	B9	5.69	.00	309	56	69	4784	1.0L	4784.000
70	632	764	4:43:40	-71: 1:17	256122	0: 7	0: 6	B9	5.69	.00	425	167	41	16736	10.0C	1673.600
71	634	765	4:43:42	-71: 0: 8	256122	0: 9	1:15	B9	5.69	.00	433	81	162	7582	3.0L	2527.333
72	633	761	4:43:51	-71: 0:55	256122	0:18	0:28	B9	5.69	.00	432	294	90	31654	30.0C	1055.133
73	639	760	4:44:26	-70:53:48	256122?	0:52	7:35	B9	5.69	.00	127	8	91	235 L	30.0C	7.833
74	386	709	4:44:55	-76:21:56							116	8	82	219?	30.0C	7.300
75	352	699	4:45:60	-77: 6:22							103	5	80	104?	30.0C	3.467
76	671	758	4:46:17	-70:14:44							152	16	96	579?	30.0C	19.300
77	703	761	4:47: 6	-69:34:43							130	8	104	182?	30.0C	6.067
78	263	677	4:47:15	-79: 1: 4							110	12	77	296?	30.0C	9.867
79	696	756	4:47:57	-69:44:29							131	20	101	487?	30.0C	16.233
80	711	756	4:48:38	-69:26: 2							138	7	113	158?	30.0C	5.267
81	723	756	4:49:10	-69:11:18							153	11	113	360?	30.0C	12.000
82	484	712	4:49:35	-74:19:40							106	10	77	258?	30.0C	8.600
83	719	752	4:49:41	-69:16:53	NO LMC						213	120	119	4965	30.0C	165.500
84	792	768	4:49:49	-67:44:30	249120	0:50	3:23	A2	7.79	.00	214	88	100	4570 H	30.0C	152.333
85	793	770	4:49:57	-67:42:39	249120	0:57	5:14	A2	7.79	.00	93	36	42	1250 H	10.0C	125.000
86	719	754	4:50: 1	-69:16:28	NO LMC						89	4	67	81	10.0C	8.100
87	683	743	4:50:14	-70: 3:11							145	8	107	248?	30.0C	8.267
88	694	745	4:50:14	-69:49:12	NO LMC						179	19	124	703	30.0C	23.433
89	728	752	4:50:18	-69: 6: 2							146	4	119	99?	30.0C	3.300
90	694	747	4:50:20	-69:48:34	NO LMC						80	9	51	218	10.0C	21.800
91	684	742	4:51: 6	-70: 1:58	NO LMC						112	25	51	870	10.0C	87.000
92	711	744	4:51:12	-69:28:28							364	1063	128	59875?	30.0C	1995.833
93	712	747	4:51:13	-69:27:47	NO LMC						216	62	172	1881	3.0L	627.000
94	711	746	4:51:18	-69:27:50	NO LMC						178	169	63	8491	10.0C	849.100
95	840	769	4:51:38	-66:47: 5							151	34	106	1078?	30.0C	35.933
96	677	735	4:51:52	-70:13:33							133	16	107	370?	30.0C	12.333
97	684	736	4:51:55	-70: 4:42	NO LMC						141	19	107	485	30.0C	16.167
98	813	761	4:52: 6	-67:21:31	NO LMC						167	12	114	443	30.0C	14.767
99	814	762	4:52:25	-67:19:52	NO LMC						73	11	48	244	10.0C	24.400
100	648	727	4:52:35	-70:51: 6							130	20	92	536?	30.0C	17.867
101	740	743	4:52:35	-68:54:12							156	16	122	412?	30.0C	13.733
102	656	727	4:52:40	-70:40:59							115	5	92	110?	30.0C	3.667
103	778	750	4:52:43	-68: 6:15	NO LMC						195	36	110	1734	30.0C	57.800
104	682	731	4:52:48	-70: 8: 1	LMC						157	37	118	794?	30.0C	26.467
105	778	752	4:53: 1	-68: 5:49	NO LMC						87	14	50	384	10.0C	38.400
106	832	761	4:53: 1	-66:58:29	NO LMC						308	333	114	19255	30.0C	641.833
107	670	728	4:53: 2	-70:23:28							150	19	106	584?	30.0C	19.467
108	832	763	4:53: 5	-66:59:12	NO LMC						190	5	169	100	3.0L	33.333
109	832	763	4:53: 5	-66:57:51	NO LMC						140	67	63	2425	10.0C	242.500
110	698	734	4:53:19	-69:47:24							77	6	54	130?	10.0C	13.000
111	686	727	4:53:56	-70: 3:53							161	5	123	143?	30.0C	4.767
112	658	722	4:54: 0	-70:39:33							164	63	104	1531?	30.0C	51.033
113	671	724	4:54: 3	-70:23: 3							138	10	105	291?	30.0C	9.700
114	725	735	4:54:16	-69:15:12	NO LMC						208	4	103	94	3.0L	31.333
115	686	728	4:54:16	-70: 3:26	NO LMC						88	10	54	268	10.0C	26.800
116	724	734	4:54:21	-69:15:18	NO LMC						159	65	78	2325	10.0C	232.500
117	739	734	4:54:23	-68:57: 3							143	4	130	45?	30.0C	1.500
118	763	739	4:54:23	-68:26:42	NO LMC						174	35	122	925	30.0C	30.833
119	763	741	4:54:27	-68:26: 3	NO LMC						76	5	52	108	10.0C	10.800
120	704	730	4:54:31	-69:40:47							92	16	54	441?	10.0C	44.100
121	823	753	4:54:40	-67:11:56	NO LMC						196	27	166	686	3.0L	228.667
122	676	722	4:54:45	-70:17:16							141	14	113	323?	30.0C	10.767
123	821	749	4:54:56	-67:14: 6	NO LMC						309	97	115	6381	30.0C	212.700
124	821	751	4:55: 1	-67:13:27	NO LMC						138	108	52	4254	10.0C	425.400
125	772	737	4:55: 9	-68:16: 0							175	13	125	456?	30.0C	15.200
126	687	722	4:55:11	-70: 3:39	LMC						156	6	124	179?	30.0C	5.967
127	670	719	4:55:14	-70:25:17							153	44	114	1008?	30.0C	33.600
128	806	744	4:55:16	-67:33:15							151	41	107	1243?	30.0C	41.433
129	645	714	4:55:29	-70:57:15							142	54	93	1691?	30.0C	56.367
130	689	718	4:55:59	-70: 1:45							161	17	129	433?	30.0C	14.433
131	291	660	4:56: 3	-78:31:24	256143	0:21	-2:34	A0	8.25	.00	127	17	75	584 L	30.0C	19.467
132	677	715	4:56:15	-70:17:11							142	24	116	490?	30.0C	16.333
133	858	749	4:56:22	-66:30:12	NO LMC						439	780	115	70948	30.0C	2364.933
134	858	750	4:56:23	-66:29:19	NO LMC						112	45	76	1222	1.0L	1222.000
135	857	751	4:56:24	-66:30:47	NO LMC						284	321	62	18515	10.0C	1851.500
136	859	751	4:56:27	-66:29:37	NO LMC						256	126	172	5435	3.0L	1811.667
137	108	624	4:56:32	-82:14:59							93	9	62	223?	30.0C	7.433
138	716	720	4:56:32	-69:27:57	NO LMC						371	508	128	40556	30.0C	1351.867
139	826	741	4:56:34	-67:10:30							149	18	110	550?	30.0C	18.333
140	716	722	4:56:37	-69:27:17	NO LMC						179	280	64	13894	10.0C	1389.400
141	716	722	4:56:44	-69:28:34	NO LMC						224	57	181	1708	3.0L	569.333
142	839	742	4:56:59	-66:54:33							163	4	134	103?	30.0C	3.433
143	763	726	4:57: 4	-68:28:58	NO LMC						367	180	105	14969	30.0C	498.967
144	809	735	4:57: 4	-67:32:17							157	17	129	312?	30.0C	10.400
145	763	728	4:57: 9	-68:28:18	NO LMC						183	49	55	2913	10.0C	291.300
146	747	725	4:57:16	-68:48:36							86	10	57	244?	10.0C	24.400
147	650	706	4:57:27	-70:52:23							139	114	97	3089?	30.0C	102.967
148	765	728	4:57:31	-68:27:17	NO LMC						214	28	168	910	3.0L	303.333
149	821	734	4:57:40	-67:17:43							169	115	113	4349?	30.0C	144.967
150	717	717	4:57:50	-69:26:58							121	14	81	441?	10.0C	44.100

MENSA RA 05:50 DEC -74:00

OBJECT NO.	X	Y	R.A.	DEC.	SAO NO.	Δ R.A.	Δ DEC.	SPEC. TYPE	V MAG.	P MAG.	PEAK DEN.	NO. OF POINTS	BG	DENSITY VOLUME	EXP.& FILTER	DEN.VOL/ EXP.
151	704	715	4:57:51	-69:43:26	NO LMC						97	10	71	211	10.0C	21.100
152	801	730	4:57:53	-67:43: 1							166	74	114	2381?	30.0C	79.367
153	704	712	4:57:59	-69:44:17	NO LMC						222	56	126	3121	30.0C	104.033
154	695	713	4:57:60	-69:54:57	NO LMC						79	13	54	296	10.0C	29.600
155	696	710	4:58:11	-69:54:34	NO LMC						186	87	125	2945	30.0C	98.167
156	872	742	4:58:12	-66:15:33							174	4	143	107?	30.0C	3.567
157	810	729	4:58:23	-67:32: 7							155	20	113	596?	30.0C	19.867
158	872	740	4:58:25	-66:15:43							169	24	143	193?	30.0C	6.433
159	822	729	4:58:46	-67:17:22							148	7	113	204?	30.0C	6.800
160	473	679	4:58:55	-74:39:60	NO LMC						189	29	75	1567	30.0C	52.233
161	746	714	4:58:57	-68:53:10							210	80	126	3477?	30.0C	115.900
162	707	708	4:59: 3	-69:41:17							162	10	125	293?	30.0C	9.767
163	894	743	4:59: 6	-65:49:24							190	6	167	123?	3.0L	41.000
164	672	702	4:59:16	-70:25:46							146	6	114	159?	30.0C	5.300
165	889	739	4:59:19	-65:55:16	NO LMC						282	312	144	17692	30.0C	589.733
166	799	722	4:59:20	-67:46:42							137	4	117	73?	30.0C	2.433
167	472	680	4:59:21	-74:40:44	NO						66	6	30	187	10.0C	18.700
168	889	741	4:59:23	-65:54:36	NO LMC						124	223	55	8827	10.0C	882.700
169	704	706	4:59:25	-69:45:21							162	14	129	346?	30.0C	11.533
170	654	698	4:59:35	-70:50: 5							144	42	109	961?	30.0C	32.033
171	787	718	4:59:37	-68: 2: 0							145	5	120	116?	30.0C	3.867
172	890	739	4:59:47	-65:54:56	NO LMC						190	16	167	331	3.0L	110.333
173	682	703	5: 0: 7	-70:14: 3	NO LMC						201	14	170	347	3.0L	115.667
174	682	702	5: 0:12	-70:13: 0	NO LMC						127	47	52	1854	10.0C	185.400
175	682	699	5: 0:19	-70:15: 6	NO LMC						275	173	122	7718	30.0C	257.267
176	829	722	5: 0:28	-67: 9:56							139	11	117	226?	30.0C	7.533
177	722	702	5: 0:42	-69:24:46	249166	-0: 4	0:31	A0	8.95	.00	196	47	131	1405	30.0C	46.833
178	780	712	5: 0:43	-68:11:39							169	20	125	619?	30.0C	20.633
179	721	705	5: 0:48	-69:25:20	249166	-0: 0	-0: 2	A0	8.95	.00	83	7	55	169 L	10.0C	16.900
180	721	705	5: 0:46	-69:25:20	249172?	-1: 9	8:37	A3	8.32	.00	83	7	55	169	10.0C	16.900
181	672	694	5: 0:58	-70:28:13							148	8	127	128?	30.0C	4.267
182	776	710	5: 1: 3	-68:16:55							185	44	125	1717?	30.0C	57.233
183	776	712	5: 1: 7	-68:16:14	NO LMC						77	10	54	213	10.0C	21.300
184	678	693	5: 1:25	-70:20:55							155	24	114	764?	30.0C	25.467
185	591	693	5: 1:51	-70: 4:45							150	5	114	147?	30.0C	4.900
186	880	724	5: 1:52	-66: 9:45	NO LMC						201	185	117	6987	30.0C	232.900
187	880	726	5: 1:56	-66: 9: 5	NO LMC						85	28	54	508	10.0C	50.800
188	664	691	5: 2: 2	-70:38:18							83	18	49	477?	10.0C	47.700
189	645	686	5: 2: 3	-71: 3: 9							137	13	92	380?	30.0C	12.667
190	651	685	5: 2:31	-70:55:58							124	12	91	324?	30.0C	10.800
191	661	688	5: 2:42	-70:42:31	NO LMC						110	76	46	2585	10.0C	258.500
192	852	714	5: 2:47	-66:44: 8							142	20	112	431?	30.0C	14.367
193	767	700	5: 2:48	-68:29:29							189	23	126	667?	30.0C	22.233
194	838	711	5: 2:49	-67: 1:39							149	19	113	541?	30.0C	18.033
195	488	669	5: 3: 8	-74:23:42	256152	0:39	0:57	A0	6.97	.00	213	47	31	3263 H	10.0C	326.300
196	663	684	5: 3:10	-70:41: 2	NO LMC						269	302	111	14651	30.0C	488.367
197	488	669	5: 3:13	-74:23:10	256152	0:46	1:29	A0	6.97	.00	122	14	69	489	1.0L	489.000
198	489	670	5: 3:15	-74:23:26	256152	0:48	1:13	A0	6.97	.00	257	19	167	866	3.0L	288.667
199	488	665	5: 3:16	-74:24:34	256152	0:49	0: 4	A0	6.97	.00	362	77	80	7186	30.0C	239.533
200	662	686	5: 3:25	-70:42:43	NO LMC						201	28	168	715	3.0L	238.333
201	878	714	5: 3:39	-66:13:34							156	16	120	-55?	30.0C	[illegible]
202	865	711	5: 3:44	-66:29:49							250	111	120	5525?	30.0C	[illegible]
203	865	713	5: 3:47	-66:29: 8	NO LMC						109	27	51	1227	10.0C	122.700
204	824	707	5: 3:49	-67:20:15	NO LMC						199	20	165	536	3.0L	178.667
205	678	686	5: 3:54	-70:22:46	LMC						220	14	177	-39?	3.0L	[illegible]
206	824	704	5: 3:56	-67:19:57	NO LMC						298	89	117	6656	30.0C	221.867
207	677	685	5: 3:57	-70:23: 2	NO LMC						152	168	45	7197	10.0C	[illegible]
208	737	690	5: 3:59	-69: 8: 3	NO LMC						257	124	121	7883	30.0C	262.767
209	824	706	5: 3:60	-67:19:16	NO LMC						130	58	49	2570	10.0C	257.000
210	737	692	5: 4: 4	-69: 7:21	NO LMC						115	91	55	3459	10.0C	345.900
211	677	682	5: 4: 6	-70:23:54	NO LMC						340	179	106	16629	30.0C	554.300
212	798	697	5: 4:19	-67:52:48	NO LMC						208	36	134	1494	30.0C	49.800
213	798	699	5: 4:23	-67:52: 6	NO LMC						91	14	55	398	10.0C	39.800
214	768	692	5: 4:24	-68:29:18							166	18	128	538?	30.0C	17.967
215	660	677	5: 4:50	-70:45:50	LMC						258	80	105	7152?	30.0C	238.400
216	903	710	5: 5: 4	-65:44:42							132	5	111	100?	30.0C	3.333
217	785	694	5: 5:10	-68: 7:40	249185	-0: 4	1:28	B9	7.83	.00	191	82	57	4539?H	10.0C	453.900
218	786	694	5: 5:16	-68: 7:32	249185	0: 1	1:37	B9	7.83	.00	212	28	174	793	3.0L	264.333
219	651	676	5: 5:25	-70:56:48	LMC						88	11	42	350?	10.0C	35.000
220	686	679	5: 5:27	-70:12:33							94	16	44	604?	10.0C	60.400
221	660	676	5: 5:35	-70:44:59	LMC						106	13	78	323?	1.0L	323.000
222	635	671	5: 5:36	-71:17:56							123	24	84	697?	30.0C	23.233
223	662	677	5: 5:41	-70:44: 1	NO LMC						240	81	176	2755	3.0L	918.333
224	661	676	5: 5:43	-70:44:19	NO LMC						209	176	50	10592	10.0C	1059.200
225	663	674	5: 5:56	-70:41:22	LMC						107	15	77	383?	1.0L	383.000
226	638	669	5: 6:12	-71:14:28							111	7	84	174?	30.0C	5.800
227	571	662	5: 6:16	-72:39:26							119	6	77	197?	30.0C	6.567
228	949	710	5: 6:19	-64:49:49							355	29	101	3608?	30.0C	120.267
229	948	712	5: 6:20	-64:50:19	NO LMC						196	17	43	127?	10.0C	127.000
230	669	673	5: 6:21	-70:34: 1	NO LMC						106	4	81	95	1.0L	95.000
231	566	661	5: 6:22	-72:47: 5							130	7	78	230?	30.0C	7.667
232	670	670	5: 6:38	-70:34:13	NO LMC						412	470	99	51702	30.0C	1723.400
233	671	673	5: 6:41	-70:33:11	NO LMC						251	79	174	3628	3.0L	1209.333
234	670	672	5: 6:44	-70:33:30	NO LMC						230	141	47	10819	10.0C	1081.900
235	769	684	5: 6:45	-68:29:59							130	27	75	949?	10.0C	94.900
236	535	657	5: 6:47	-73:26:38							95	4	70	93?	30.0C	3.100
237	553	660	5: 7:32	-73: 4:15	256160	0:23	1:55	A0	6.25	.00	217	13	166	457	3.0L	152.333
238	233	624	5: 7:37	-79:49:13							124	19	75	634?	30.0C	21.133
239	551	658	5: 7:44	-73: 5:22	256160	0:35	0:48	A0	6.25	.00	100	5	72	118	1.0L	118.000
240	552	658	5: 7:45	-73: 4:44	256160	0:36	1:26	A0	6.25	.00	163	32	31	1844 L	10.0C	184.400
241	552	655	5: 7:54	-73: 5:36	256160	0:45	0:34	A0	6.25	.00	320	54	76	4601	30.0C	153.367
242	640	664	5: 8: 8	-71:13: 6	NO LMC						204	12	169	312	3.0L	104.000
243	607	658	5: 8:12	-71:54:45	NO LMC						291	37	71	2997	30.0C	99.900
244	606	660	5: 8:17	-71:55:16	NO LMC						207	22	31	1591	10.0C	159.100
245	607	661	5: 8:18	-71:54:56	NO LMC						283	16	163	902	3.0L	300.667
246	639	660	5: 8:19	-71:14:18	NO LMC						285	105	95	5774	30.0C	192.467
247	639	662	5: 8:25	-71:13:34	NO LMC						125	42	39	1764	10.0C	176.400
248	605	659	5: 8:29	-71:56: 1	NO LMC						135	12	71	479	1.0L	479.000
249	733	671	5: 8:38	-69:15: 3							74	32	48	707?	10.0C	70.700
250	694	664	5: 8:48	-70: 5: 3							157	51	108	1560?	30.0C	52.000

MENSA RA 05:50 DEC -74:00

OBJECT NO.	X	Y	R.A.	DEC.	SAO NO.	Δ R.A.	Δ DEC.	SPEC. TYPE	V MAG.	P MAG.	PEAK DEN.	NO. OF POINTS	BG	DENSITY VOLUME	EXP.& FILTER	DEN.VOL/ EXP.
251	755	672	5: 8:55	-68:48:48							206	68	59	3716?	10.0C	371.600
252	686	664	5: 9: 1	-70:13:55							113	5	82	115?	1.0L	115.000
253	756	672	5: 9: 2	-68:48:34							225	34	174	1050?	3.0L	350.000
254	682	663	5: 9:10	-70:19: 2							123	4	77	171?	1.0L	171.000
255	722	664	5: 9:12	-69:31:14							130	4	109	79?	30.0C	2.633
256	651	659	5: 9:25	-70:58:17							110	4	73	107?	1.0L	107.000
257	637	654	5: 9:47	-71:18:49							124	7	85	211?	30.0C	7.033
258	797	671	5: 9:48	-67:57:20	NO LMC						186	45	112	1684	30.0C	56.133
259	797	673	5: 9:52	-67:56:37	NO LMC						81	10	47	277	10.0C	27.700
260	750	666	5:10: 3	-68:56:37	NO LMC						228	24	178	792	3.0L	264.000
261	749	663	5:10: 5	-68:57:43	NO LMC						372	2164	132	74710	30.0C	2490.333
262	829	652	5:10: 6	-71:29: 5							131	40	84	1200?	30.0C	40.000
263	749	665	5:10: 9	-68:56:59	NO LMC						196	57	63	3130	10.0C	313.000
264	922	685	5:10:15	-65:25:37							138	47	104	1329?	30.0C	44.300
265	688	655	5:10:34	-70:14:46							139	25	104	682?	30.0C	22.733
266	834	674	5:10:40	-67:12:59							192	4	171	79?	3.0L	26.333
267	703	656	5:10:40	-69:55:55							140	4	109	108?	30.0C	3.600
268	920	671	5:12:48	-65:29:27							140	32	100	938?	30.0C	31.267
269	932	673	5:12:48	-65:16:51	249221	-0:26	1:43	B8	8.45	.00	256	81	101	5583	30.0C	186.100
270	932	675	5:12:51	-65:15: 7	249221	-0:23	2:27	B8	8.45	.00	109	38	50	1411	10.0C	141.100
271	826	655	5:13:39	-67:24:14	NO LMC						365	508	100	40562	30.0C	1352.067
272	825	657	5:13:41	-67:24: 5	NO LMC						98	5	76	107	1.0L	107.000
273	826	658	5:13:45	-67:24:24	NO LMC						220	59	171	1844	3.0L	614.667
274	729	646	5:13:48	-69:23: 8	NO LMC						111	13	80	342	1.0L	342.000
275	730	647	5:13:52	-69:23:26	NO LMC						254	56	183	1906	3.0L	635.333
276	357	621	5:13:52	-77:16: 4	NO						146	23	76	838	30.0C	27.933
277	730	644	5:13:54	-69:23:22	NO LMC						408	694	188	2437	30.0C	81.233
278	826	657	5:13:56	-67:23:34	NO LMC						173	307	41	14784	10.0C	1478.400
279	730	646	5:13:58	-69:22:37	NO LMC						241	219	83	2959	10.0C	295.900
280	722	645	5:14:11	-69:33:37	NO LMC						205	8	173	207	3.0L	69.000
281	356	622	5:14:25	-77:16:39	NO						65	4	31	117	10.0C	11.700
282	870	656	5:14:37	-66:31: 5							150	20	107	607?	30.0C	20.233
283	723	643	5:14:41	-69:32:33							205	8	174	200?	3.0L	66.667
284	741	642	5:15: 7	-69: 9:16							70	7	44	163?	10.0C	16.300
285	761	640	5:15:24	-68:45: 4							118	7	94	159?	30.0C	5.300
286	820	640	5:16:36	-67:32:57							137	23	101	630?	30.0C	21.000
287	673	630	5:16:49	-70:35:26	NO LMC						64	5	37	118	10.0C	11.800
288	673	627	5:16:59	-70:36:17	NO LMC						153	37	86	1305	30.0C	43.500
289	800	634	5:17:23	-67:58:13							135	8	107	206?	30.0C	6.867
290	722	631	5:17:24	-69:33:58	NO LMC						182	369	50	14261	10.0C	1426.100
291	758	628	5:18: 7	-68:51: 4							123	4	97	94?	30.0C	3.133
292	641	619	5:18:29	-71:17: 7							122	13	75	423?	30.0C	14.100
293	737	624	5:18:31	-69:16:17							432	371	98	49737?	30.0C	1657.900
294	737	626	5:18:35	-69:15:31	NO LMC						407	314	41	28418	10.0C	2841.800
295	737	625	5:18:39	-69:14:46	NO LMC						178	48	87	2277	1.0L	2277.000
296	738	626	5:18:44	-69:15: 4	NO LMC						377	69	196	5432	3.0L	1810.667
297	904	638	5:18:48	-65:51:48							144	57	106	1560?	30.0C	52.000
298	310	604	5:18:50	-78:16:29							106	17	76	428?	30.0C	14.267
299	673	618	5:18:60	-70:36:55							114	12	84	302?	30.0C	10.067
300	452	611	5:19: 6	-75:17:24	NO						135	11	70	456	30.0C	15.200
301	755	622	5:19:14	-68:55:11							131	5	100	132?	30.0C	4.400
302	912	636	5:19:18	-65:43:18							129	5	105	113?	30.0C	3.767
303	717	620	5:19:35	-69:40: 8	NO LMC						116	19	81	482	1.0L	482.000
304	718	621	5:19:39	-69:40:26	NO LMC						273	147	179	5766	3.0L	1922.000
305	717	618	5:19:39	-69:41:45							396	1593	97	128552?	30.0C	4285.067
306	717	620	5:19:44	-69:40:58	NO LMC						248	151	50	10025	10.0C	1002.500
307	793	623	5:19:45	-68: 7:45							159	33	122	735?	30.0C	24.500
308	331	606	5:19:57	-77:49:26							56	6	30	142?	10.0C	14.200
309	703	618	5:20: 1	-69:58:39							64	4	40	89?	10.0C	8.900
310	830	624	5:20:12	-67:22:57							164	56	126	905?	30.0C	30.167
311	847	625	5:20:12	-67: 1:46	LMC						142	20	108	527?	30.0C	17.567
312	830	626	5:20:15	-67:22:10	NO LMC						71	9	44	217	10.0C	21.700
313	797	620	5:20:15	-68: 2:54							153	17	121	435?	30.0C	14.500
314	858	626	5:20:19	-66:48: 7							132	6	108	135?	30.0C	4.500
315	924	631	5:20:26	-65:28:50	NO LMC						183	40	122	1400	30.0C	46.667
316	727	618	5:20:29	-69:29:21							213	17	183	422?	3.0L	140.667
317	923	632	5:20:40	-65:29:21	NO LMC						78	13	49	324	10.0C	32.400
318	335	603	5:20:50	-77:44:34							82	9	33	288?	10.0C	28.800
319	724	615	5:21: 1	-69:32:32							146	218	51	11381?	10.0C	1138.100
320	724	615	5:21:10	-69:33:17	NO LMC						222	60	187	1368	3.0L	456.000
321	846	620	5:21:15	-67: 3:19							187	40	116	1668?	30.0C	55.600
322	909	625	5:21:17	-65:47:38	NO LMC						309	209	107	14347	30.0C	478.233
323	846	622	5:21:18	-67: 2:32	NO LMC						81	13	50	325	10.0C	32.500
324	892	624	5:21:19	-66: 7:27							149	5	114	152?	30.0C	5.067
325	909	627	5:21:20	-65:46:51	NO LMC						139	65	57	2873	10.0C	287.300
326	533	605	5:21:28	-73:35:32							112	9	62	304?	30.0C	10.133
327	340	599	5:21:31	-77:39:13	NO						227	155	81	8476	30.0C	282.533
328	338	601	5:21:41	-77:40:56	NO						106	57	32	2385	10.0C	238.500
329	338	602	5:22: 4	-77:41:36	NO						189	4	161	87	3.0L	29.000
330	801	612	5:22: 4	-67:58:24	NO LMC						415	273	114	24616	30.0C	820.533
331	800	613	5:22: 8	-67:58: 2	NO LMC						127	26	80	832	1.0L	832.000
332	801	614	5:22: 8	-67:57:37	NO LMC						298	155	48	10979	10.0C	1097.900
333	746	609	5:22: 9	-69: 7:16	NO LMC						162	7	108	278	30.0C	9.267
334	802	614	5:22:13	-67:57: 6	NO LMC						281	68	178	3285	3.0L	1095.000
335	895	617	5:22:35	-66: 4: 4							167	43	129	1117?	30.0C	37.233
336	838	611	5:22:53	-67:13:42							184	91	115	2971?	30.0C	99.033
337	696	601	5:23:17	-70:10:19							125	14	92	353?	30.0C	11.767
338	864	611	5:23:20	-66:42:43							170	27	119	916?	30.0C	30.533
339	863	613	5:23:22	-66:43: 9	NO LMC						71	4	51	80	10.0C	8.000
340	827	608	5:23:26	-67:27:32							135	6	110	137?	30.0C	4.567
341	710	603	5:23:31	-69:51:57							85	11	48	296?	10.0C	29.600
342	626	599	5:23:33	-71:37:16	256180	0:24	-4: 8	A3	7.40	.00	176	51	82	1932	30.0C	64.400
343	626	601	5:23:39	-71:36:28	256180	0:29	-3:20	A3	7.40	.00	75	8	39	223	10.0C	22.300
344	789	604	5:23:45	-68:13:48							152	11	105	339?	30.0C	11.300
345	638	600	5:23:47	-71:21:22	NO LMC						76	8	47	190	10.0C	19.000
346	772	602	5:23:49	-68:35: 4							116	8	90	192?	30.0C	6.400
347	578	599	5:23:54	-72:37:26							105	4	72	99?	1.0L	99.000
348	638	597	5:23:56	-71:23:29	256180?	0:47	9:40	A3	7.40	.00	186	106	88	4124 H	30.0C	137.467
349	196	589	5:24: 1	-80:35:45							106	7	59	212?	1.0L	212.000
350	671	598	5:24: 1	-70:41:55							106	5	82	104?	30.0C	3.467

MENSA RA 05:50 DEC -74:00

OBJECT NO.	X	Y	R.A.	DEC.	SAO NO.	Δ R.A.	Δ DEC.	SPEC. TYPE	V MAG.	P MAG.	PEAK DEN.	NO. OF POINTS	BG	DENSITY VOLUME	EXP.& FILTER	DEN.VOL/ EXP.
351	877	608	5:24: 4	-66:26:44							162	58	129	1386?	30.0C	46.200
352	721	601	5:24:15	-69:38:56	NO LMC						216	11	187	280	3.0L	93.333
353	721	600	5:24:21	-69:38:18	NO LMC						135	320	46	11659	10.0C	1165.900
354	835	603	5:24:35	-67:17:49							134	9	109	208?	30.0C	6.933
355	761	598	5:24:38	-68:49: 0							139	9	123	97?	30.0C	3.233
356	751	597	5:24:47	-69: 1:34							150	24	108	744?	30.0C	24.800
357	343	595	5:24:53	-77:35:41	NO						197	17	160	445	3.0L	148.333
358	774	597	5:24:59	-68:32:48	NO LMC						223	30	108	1550	30.0C	51.667
359	679	593	5:25: 7	-70:32: 3							115	8	85	194?	30.0C	6.467
360	774	598	5:25:16	-69:32: 2							106	20	58	662?	10.0C	66.200
361	865	601	5:25:35	-66:17: 7	NO LMC						241	89	137	3594	30.0C	119.800
362	865	603	5:25:38	-66:16:19	NO LMC						104	27	59	855	10.0C	85.500
363	709	594	5:25:42	-69:53:36							84	30	46	857?	10.0C	85.700
364	748	595	5:25:46	-69: 4:40							92	6	59	162?	10.0C	16.200
365	857	598	5:25:49	-66:51:55							138	10	108	249?	30.0C	8.300
366	843	597	5:25:56	-67: 8: 6	LMC						143	19	106	546?	30.0C	18.200
367	868	598	5:26: 6	-66:38:18	NO LMC						215	173	108	8360	30.0C	278.667
368	786	594	5:26: 8	-68:42:11							70	7	46	156?	10.0C	15.600
369	868	600	5:26: 9	-66:37:29	NO LMC						94	23	53	681	10.0C	68.100
370	824	596	5:26:18	-67:31: 0							290	566	65	26552?	10.0C	2655.200
371	839	597	5:26:24	-67:12:20							96	6	47	227?	10.0C	22.700
372	859	595	5:26:26	-66:49:32							138	21	105	596?	30.0C	19.867
373	727	590	5:26:48	-69:31:10	LMC						110	11	64	373?	10.0C	37.300
374	341	588	5:26:50	-77:37:50	NO						63	10	31	265	10.0C	26.500
375	710	589	5:26:55	-69:52:32							101	34	46	1278?	10.0C	127.800
376	728	590	5:26:56	-69:30:32	LMC						209	4	187	86?	3.0L	28.667
377	759	589	5:27: 3	-68:50: 8	NO LMC						140	14	94	479	1.0L	479.000
378	760	590	5:27: 7	-68:50:27							320	45	212	1857?	3.0L	619.000
379	880	593	5:27:13	-66:23:34	249294?	-2:10	5: 1	A0	8.41	.00	186	196	120	6212 H	30.0C	207.067
380	759	589	5:27:14	-68:51: 6							330	626	56	45302?	10.0C	4530.200
381	628	584	5:27:17	-71:36:36	NO LMC						150	44	80	1653	30.0C	55.100
382	816	591	5:27:20	-67:41: 8							93	4	58	115?	10.0C	11.500
383	827	586	5:27:22	-71:37: 2	NO LMC						82	5	38	108	10.0C	10.800
384	854	590	5:27:30	-66:55:54	NO LMC						198	58	104	2934	30.0C	97.800
385	710	586	5:27:39	-69:52:37							103	103	41	3546?	10.0C	354.600
386	828	587	5:27:47	-67:27: 3	NO LMC						420	1237	106	109690	30.0C	3658.333
387	826	588	5:27:49	-67:27:45	NO LMC						126	65	90	1505	1.0L	1505.000
388	347	582	5:27:52	-77:31:13	LMC						130	67	75	2426?	30.0C	80.867
389	828	589	5:27:54	-67:26:50	NO LMC						281	164	217	2332	3.0L	777.333
390	751	584	5:27:56	-69: 0:14	NO LMC						129	26	86	805	1.0L	805.000
391	854	590	5:27:58	-66:55: 8	NO LMC						94	20	45	749	10.0C	74.900
392	752	586	5:28: 1	-69: 0:33	LMC						277	46	194	2247?	3.0L	749.000
393	750	581	5:28:17	-69: 3:20							450	1516	38	196254?	30.0C	6541.800
394	674	580	5:28:22	-70:38:47	NO LMC						223	58	85	3348	30.0C	111.600
395	744	582	5:28:23	-69: 9: 3	NO LMC						137	63	85	2070	1.0L	2070.000
396	635	579	5:28:24	-71:27:54							131	32	86	865?	30.0C	28.833
397	674	582	5:28:26	-70:37:58	NO LMC						104	25	38	919	10.0C	91.900
398	745	583	5:28:27	-69: 9:22	LMC						307	144	191	8140?	3.0L	2713.333
399	864	587	5:28:39	-66:42:47							84	8	55	211?	10.0C	21.100
400	729	581	5:28:43	-69:28:53							88	6	59	153?	0.0C	15.300
401	867	585	5:29: 5	-66:39: 6							90	18	59	457?	10.0C	45.700
402	688	575	5:29:26	-70:21:16							126	5	95	125?	30.0C	4.167
403	764	579	5:29:27	-68:45:38							268	33	208	1045?	3.0L	348.333
404	763	578	5:29:34	-68:46:20							249	126	57	9615?	10.0C	961.500
405	749	578	5:29:38	-69: 4:26							247	62	194	2200?	3.0L	733.333
406	801	576	5:29:39	-68: 0:55							147	13	102	434?	30.0C	14.467
407	836	581	5:29:40	-67:17: 0	NO LMC						220	19	190	472	3.0L	157.333
408	693	573	5:29:57	-70:15: 2							136	12	100	308?	30.0C	10.267
409	749	576	5:29:59	-69: 3:54							192	172	69	9304?	10.0C	930.400
410	714	573	5:30: 2	-69:48:39							164	50	115	1560?	30.0C	52.000
411	664	573	5:30: 6	-70:51:31	NO LMC						258	94	80	5726	30.0C	190.933
412	899	580	5:30: 9	-65:59:44	NO LMC						111	4	79	104	1.0L	104.000
413	655	575	5:30: 9	-71: 2: 1							62	6	37	135?	10.0C	13.500
414	894	578	5:30:10	-66: 7:46							134	8	120	100?	30.0C	3.333
415	864	575	5:30:11	-70:50:41	NO LMC						115	30	47	906	10.0C	90.600
416	855	578	5:30:19	-66:54: 6							208	171	62	11964?	10.0C	1196.400
417	855	578	5:30:21	-66:54:39							240	90	190	2641?	3.0L	880.333
418	836	573	5:30:39	-67:18:35	NO LMC						419	1071	113	133853	30.0C	4461.767
419	835	574	5:30:40	-67:17:58	NO LMC						116	11	89	261	1.0L	261.000
420	835	575	5:30:41	-67:19: 0	NO LMC						251	519	48	35968	10.0C	3598.800
421	836	575	5:30:44	-67:18:18	NO LMC						268	75	199	2727	3.0L	909.000
422	616	570	5:30:59	-71:52: 3							92	5	69	108?	30.0C	3.600
423	837	569	5:31: 3	-71:25:35							115	14	80	368?	30.0C	12.267
424	662	571	5:31:12	-70:53:15							68	13	38	319?	10.0C	31.900
425	764	571	5:31:18	-68:45:43	NO LMC						278	19	205	702	3.0L	234.000
426	764	568	5:31:22	-68:47:17	NO LMC						381	102	120	13703	30.0C	456.767
427	671	567	5:31:24	-70:42:47							131	4	96	114?	30.0C	3.800
428	764	570	5:31:26	-68:45:12	NO LMC						228	187	51	12297	10.0C	1229.700
429	763	569	5:31:28	-68:45:24	NO LMC						122	8	89	214	1.0L	214.000
430	653	566	5:31:36	-71: 5:27	NO LMC						356	222	90	15762	30.0C	525.400
431	850	572	5:31:37	-67: 0:54	NO LMC						254	109	219	736	3.0L	245.333
432	614	566	5:31:47	-71:54:36							92	13	70	260?	30.0C	8.667
433	653	569	5:31:55	-71: 5: 7	NO LMC						236	42	174	1461	3.0L	487.000
434	653	568	5:31:57	-71: 4:37	NO LMC						183	108	39	5244	10.0C	524.400
435	652	567	5:32: 7	-71: 4:49	NO LMC						107	11	78	262	1.0L	262.000
436	773	567	5:32: 8	-68:35:12							120	63	53	2232?	10.0C	223.200
437	818	565	5:32: 8	-67:39:50	NO LMC						429	346	117	47429	30.0C	1580.967
438	817	567	5:32:15	-67:40:45	NO LMC						302	156	186	7034	3.0L	2344.667
439	878	570	5:32:16	-66:27:22							234	23	193	7037	3.0L	234.333
440	709	566	5:32:17	-69:54:11	NO LMC						196	39	48	2229	10.0C	222.900
441	709	565	5:32:23	-69:53: 7	NO LMC						125	13	79	385	1.0L	385.000
442	815	565	5:32:24	-67:41:40	NO LMC						132	69	81	2057	1.0L	2057.000
443	816	566	5:32:24	-67:41:29	NO LMC						321	341	51	28093	10.0C	2809.300
444	670	563	5:32:25	-70:44: 4							118	14	88	353?	30.0C	11.767
445	710	566	5:32:27	-69:53:26	NO LMC						272	27	178	1275	3.0L	425.000
446	740	566	5:32:27	-69:15:47							234	64	195	1731?	3.0L	577.000
447	709	563	5:32:28	-69:55: 2	NO LMC						333	147	112	7181	30.0C	238.700
448	740	565	5:32:34	-69:15:17							175	284	50	137037	10.0C	1370.300
449	877	567	5:32:40	-66:28: 6							148	24	50	1230?	10.0C	123.000
450	682	562	5:32:41	-70:28:58							121	5	93	122?	30.0C	4.067

MENSA RA 05:50 DEC -74:00

OBJECT NO.	X	Y	R.A.	DEC.	SAO NO.	Δ R.A.	Δ DEC.	SPEC. TYPE	V MAG.	P MAG.	PEAK DEN.	NO. OF POINTS	BG	DENSITY VOLUME	EXP.& FILTER	DEN.VOL/ EXP.
451	270	569	5:32:49	-79: 8: 9	NO						144	12	80	438	30.0C	14.600
452	823	563	5:32:50	-67:31:41	NO LMC						106	4	81	92	1.0L	92.000
453	667	561	5:32:55	-70:47:51							111	7	81	190?	30.0C	6.333
454	760	563	5:33: 3	-68:51:29							88	29	51	811?	10.0C	81.100
455	269	571	5:33: 3	-79: 8:33	NO						62	4	31	111	10.0C	11.100
456	849	564	5:33: 5	-67: 1:38							180	23	74	1337?	10.0C	133.700
457	824	562	5:33:17	-67:31:31							186	219	47	14041?	10.0C	1404.100
458	825	562	5:33:21	-67:30:45							239	72	184	2494?	3.0L	831.333
459	622	560	5:33:25	-71:44:32							106	8	79	186?	30.0C	6.200
460	876	563	5:33:31	-66:29:20							83	10	48	278?	10.0C	27.800
461	887	563	5:33:43	-66:15:41							80	8	48	220?	10.0C	22.000
462	263	566	5:33:43	-79:16:55	NO						150	20	75	942	30.0C	31.400
463	764	559	5:33:44	-68:46:28							90	5	67	106?	10.0C	10.600
464	857	561	5:33:45	-66:52:10							224	6	195	155?	3.0L	51.667
465	620	562	5:33:46	-71:46:41	NO LMC						204	4	169	110	3.0L	36.667
466	901	560	5:33:53	-65:59:11							148	4	129	60?	30.0C	2.000
467	825	559	5:33:57	-67:31:31							142	174	49	8126?	10.0C	812.600
468	262	568	5:33:57	-79:17:19	NO						69	9	34	244	10.0C	24.400
469	849	558	5:34: 6	-67: 0:31	LMC						111	17	86	380?	1.0L	380.000
470	268	565	5:34: 9	-79:10:40							126	12	74	429?	30.0C	14.300
471	657	555	5:34:27	-71: 0:26							109	4	86	84?	30.0C	2.800
472	455	566	5:34:41	-75:16:12	256203	0: 3	-0: 6	A0	8.33	.00	192	6	160	161	3.0L	53.667
473	456	561	5:34:41	-75:15:19	256203	0: 3	0:47	A0	8.33	.00	246	36	65	2571	30.0C	85.700
474	730	555	5:34:42	-69:27:48							122	44	52	18957	10.0C	189.500
475	455	564	5:34:50	-75:15:44	256203	0:11	0:22	A0	8.33	.00	115	22	28	936	10.0C	93.600
476	771	551	5:35: 4	-68:38:31							150	4	114	120?	30.0C	4.000
477	854	554	5:35:15	-66:55:48	NO LMC						271	266	191	11311	3.0L	3770.333
478	899	552	5:35:19	-66: 1:37	NO LMC						298	40	108	3732	30.0C	124.400
479	717	553	5:35:21	-69:44:33							260	65	184	2904?	3.0L	968.000
480	853	552	5:35:23	-66:55:27	NO LMC						120	36	87	942	1.0L	942.000
481	752	552	5:35:23	-69: 1:27							84	32	48	911?	10.0C	91.100
482	855	551	5:35:23	-66:54:57	NO LMC						423	1312	111	149860	30.0C	4995.333
483	854	553	5:35:26	-66:55:21	NO LMC						248	460	61	29169	10.0C	2916.900
484	780	549	5:35:30	-68:27:14							148	17	113	404?	30.0C	13.467
485	822	552	5:35:32	-67:35:37	NO LMC						216	4	195	79	3.0L	26.333
486	899	553	5:35:34	-66: 0:45	NO LMC						131	32	60	1372	10.0C	137.200
487	758	551	5:35:36	-68:53:55							93	12	48	447?	10.0C	44.700
488	822	549	5:35:39	-67:36: 2							305	127	121	90457	30.0C	301.500
489	718	549	5:36: 0	-69:41:40	NO LMC						115	29	82	743	1.0L	743.000
490	827	548	5:36:21	-67:28:54							108	30	55	10707	10.0C	107.000
491	756	548	5:36:25	-68:56:48							224	9	196	215?	3.0L	71.667
492	851	548	5:36:32	-66:59:25							216	5	194	104?	3.0L	34.667
493	871	545	5:36:48	-66:34:11	249322	-0: 6	1: 8	A0	6.44	.00	129	21	88	619	1.0L	619.000
494	872	544	5:36:50	-66:34:58	249322	-0: 5	0:20	A0	6.44	.00	418	307	130	27321 H	30.0C	910.700
495	872	546	5:36:52	-66:34: 7	249322	-0: 3	1:12	A0	6.44	.00	348	147	55?	10982 H	10.0C	1098.200
496	872	546	5:36:53	-66:34:31	249322	-0: 1	0:47	A0	6.44	.00	291	55	194	2624	3.0L	874.667
497	730	545	5:37:14	-69:29:19	NO LMC						304	214	199	7583	3.0L	2527.667
498	731	542	5:37:16	-69:28:31	NO LMC						442	2155	104	237987	30.0C	7932.900
499	729	544	5:37:20	-69:30: 9	NO LMC						310	698	46	53991	10.0C	5399.100
500	728	543	5:37:25	-69:30:13	NO LMC						140	38	88	1366	1.0L	1366.000
501	853	541	5:37:31	66:57:16							171	21	132	3687	30.0C	12.267
502	827	540	5:37:37	-67:29:38							137	5	122	67?	30.0C	2.233
503	697	541	5:37:39	-70: 9:56							130	10	105	178?	30.0C	5.933
504	847	539	5:37:45	-67: 4:43							143	7	116	160?	30.0C	5.333
505	284	559	5:37:50	-78:49:39	256214	-0:50	1:16	B9	6.14	.00	362	86	35	8415	10.0C	841.500
506	885	540	5:37:50	-66:18:44							159	5	129	129?	30.0C	4.300
507	732	541	5:37:52	-69:25: 9	NO LMC						117	22	86	546	1.0L	546.000
508	815	538	5:37:53	-67:44:34							162	43	108	1393?	30.0C	46.433
509	284	561	5:37:55	-78:50: 5	256214	-0:45	0:50	B9	6.14	.00	351	45	158	2804	3.0L	934.667
510	694	539	5:38: 9	-70:13:39							124	6	97	140?	30.0C	4.667
511	282	559	5:38:20	-78:50:59	256214	-0:20	-0: 4	B9	6.14	.00	186	27	70	1437	1.0L	1437.000
512	284	555	5:38:28	-78:50:29	256214	-0:11	0:27	B9	6.14	.00	414	174	79	17532	30.0C	584.400
513	746	539	5:38:35	-69: 9: 5							222	4	199	90?	3.0L	30.000
514	748	535	5:39: 9	-69: 6: 7	NO LMC						332	194	46	15519	10.0C	1551.900
515	776	532	5:39:10	-68:29:24							137	4	110	97?	30.0C	3.233
516	747	534	5:39:12	-69: 6: 9	NO LMC						143	20	88	720	1.0L	720.000
517	672	535	5:39:16	-70:41:12							126	20	78	609?	30.0C	20.300
518	748	536	5:39:17	-69: 6:28	NO LMC						312	42	199	2132	3.0L	710.667
519	728	533	5:39:34	-69:29:56	NO LMC						116	11	84	291	1.0L	291.000
520	729	534	5:39:39	-69:30:15	NO LMC						268	38	191	1471	3.0L	490.333
521	894	530	5:39:39	-66: 8:34							147	19	100	648?	30.0C	21.600
522	729	531	5:39:40	-69:30:45	NO LMC						394	602	98	64210	30.0C	2140.333
523	729	533	5:39:44	-69:29:53	NO LMC						232	248	41	16299	10.0C	1629.900
524	832	531	5:39:49	-67:22:15	249336?	-2: 0	3:15	A0	7.15	.00	94	30	47	935?	10.0C	93.500
525	749	529	5:40:33	-69: 4:39							87	12	54	281?	10.0C	28.100
526	733	530	5:40:34	-69:25: 5	NO LMC						240	31	195	891	3.0L	297.000
527	721	530	5:40:40	-69:40: 8	LMC						228	52	186	1461?	3.0L	487.000
528	382	546	5:41: 4	-76:48:17							103	6	66	163?	30.0C	5.433
529	530	536	5:41:11	-73:41:23							99	16	59	473?	30.0C	15.767
530	777	522	5:41:27	-68:30:17							141	22	116	295?	30.0C	9.833
531	634	527	5:41:38	-71:28:45							99	4	71	94?	30.0C	3.133
532	704	523	5:41:48	-70: 1:50							131	7	100	169?	30.0C	5.633
533	831	519	5:41:57	-67:23:59	249336	0: 8	1:32	A0	7.15	.00	350	620	112	37784 H	30.0C	1259.467
534	830	521	5:41:60	-67:24:21	249336	0:11	1:10	A0	7.15	.00	177	76	46	3517 H	10.0C	351.700
535	831	521	5:42: 3	-67:23:23	249336	0:14	2: 7	A0	7.15	.00	224	11	193	263 L	3.0L	87.667
536	720	523	5:42:13	-69:40:46	NO LMC						136	142	47	6870	10.0C	687.000
537	704	521	5:42:17	-70: 1:44							144	8	98	241?	30.0C	8.033
538	868	517	5:42:19	-66:39: 5							139	10	106	269?	30.0C	8.967
539	534	532	5:42:20	-73:36:10							88	8	60	200?	30.0C	6.667
540	641	523	5:42:38	-71:21: 1	NO LMC						175	38	74	1590	30.0C	53.000
541	742	518	5:42:40	-69:13:55	NO LMC						315	237	102	17905	30.0C	596.833
542	640	525	5:42:42	-71:20: 8	NO LMC						72	10	31	309	10.0C	30.900
543	742	520	5:42:44	-69:13: 2	NO LMC						148	135	45	5109	10.0C	510.900
544	788	516	5:42:44	-68:16:16							171	14	124	412?	30.0C	13.733
545	835	517	5:42:50	-67:17:56	249336?	1: 1	7:35	A0	7.15	.00	93	35	50	1100?	10.0C	110.000
546	887	515	5:43:15	-66:15:38	LMC						207	88	46	4131?	10.0C	413.100
547	719	518	5:43:26	-69:41:46							67	4	44	85?	10.0C	8.500
548	809	512	5:43:27	-67:51: 6	NO LMC						253	46	103	2789	30.0C	92.967
549	808	514	5:43:30	-67:51:28	NO LMC						112	24	42	969	10.0C	96.900
550	729	517	5:43:34	-69:29:11							84	4	59	92?	10.0C	9.200

MENSA RA 05:50 DEC -74:00

OBJECT NO.	X	Y	R.A.	DEC.	SAO NO.	Δ R.A.	Δ DEC.	SPEC. TYPE	V MAG.	P MAG.	PEAK DEN.	NO. OF POINTS	BG	DENSITY VOLUME	EXP.& FILTER	DEN.VOL/ EXP.
551	808	514	5:43:35	-67:51:43	NO LMC						210	6	189	118	3.0L	39.333
552	885	510	5:43:40	-66:21:23	LMC						201	118	104	6361?	30.0C	212.033
553	741	511	5:44:20	-69:14:49	NO LMC						197	224	102	9484	30.0C	316.133
554	741	513	5:44:24	-69:13:55	NO LMC						83	8	51	211	10.0C	21.100
555	839	508	5:44:45	-67:13:42	NO LMC						148	110	53	4897	10.0C	489.700
556	839	508	5:44:47	-67:13:56	NO LMC						231	28	195	785	3.0L	261.667
557	728	509	5:44:57	-69:30:59							130	5	97	1397	30.0C	4.633
558	720	509	5:45: 3	-69:41: 1							126	4	97	100?	30.0C	3.333
559	850	503	5:45:15	-67: 1:59							170	13	116	437?	30.0C	14.567
560	414	530	5:45:38	-76: 7:15							98	6	66	158?	30.0C	5.267
561	715	504	5:46: 5	-69:47: 2							128	12	88	376?	30.0C	12.533
562	554	516	5:46:12	-73:10: 9							85	5	62	110?	30.0C	3.667
563	610	499	5:46:19	-67:49: 5	249353	0: 4	-5:30	A0	8.13	.00	132	23	93	616 L	30.0C	20.533
564	735	502	5:46:39	-69:19:27	LMC						115	7	82	190?	1.0L	190.000
565	465	521	5:47:24	-75: 2:27							102	6	62	187?	30.0C	6.233
566	985	487	5:47:31	-64:24: 1	NO LMC						206	50	124	1899	30.0C	63.300
567	984	489	5:47:33	-64:24:20	NO LMC						90	41	42	1259	10.0C	125.900
568	558	511	5:47:35	-73: 4:45							117	22	60	813?	30.0C	27.100
569	465	524	5:47:42	-75: 1:47	NO						229	9	163	379	3.0L	126.333
570	463	522	5:47:59	-75: 2:38	NO						109	6	68	182	1.0L	182.000
571	801	491	5:47:59	-67:59:48	NO LMC						163	133	103	3434	30.0C	114.467
572	561	509	5:48: 6	-73: 0:50							93	6	59	165?	30.0C	5.500
573	789	489	5:48:36	-68:14:37							138	42	90	1309?	30.0C	43.633
574	709	493	5:48:50	-69:53:45							122	18	85	485?	30.0C	16.167
575	394	521	5:49:14	-76:31:47							97	6	65	155?	30.0C	5.167
576	700	493	5:49:32	-70: 3:58	NO LMC						142	62	38	2839	10.0C	283.900
577	700	493	5:49:42	-70: 4: 5	NO						229	26	185	752	3.0L	250.867
578	805	483	5:49:43	-67:54:11							113	4	90	88?	30.0C	2.933
579	700	490	5:49:43	-70: 4:48	NO LMC						304	103	85	7768	30.0C	258.933
580	854	480	5:50: 5	-66:54:10	249368	0: 9	0:39	B5	5.15	.00	404	92	86	9713	1.0L	9713.000
581	856	479	5:50: 5	-66:54: 5	249368	0: 9	0:44	B5	5.15	.00	445	340	112	44190 L	30.0C	1473.000
582	855	481	5:50:21	-66:54:19	249368	0:24	0:30	B5	5.15	.00	459	232	49	28095 L	10.0C	2809.500
583	855	481	5:50:23	-66:54:26	249368	0:26	0:24	B5	5.15	.00	463	134	196	14030	3.0L	4676.667
584	939	474	5:50:36	-65:17: 1	249373	0: 6	-0:41	A0	7.96	.00	136	8	112	130 L	30.0C	4.333
585	792	479	5:50:48	-68:10: 2	NO LMC						175	205	90	7969	30.0C	265.633
586	791	481	5:50:52	-68:10:22	NO LMC						75	32	40	782	10.0C	78.200
587	576	497	5:50:57	-72:41: 0							91	7	63	162?	30.0C	5.400
588	579	494	5:51:44	-72:36:57							113	14	64	421?	30.0C	14.033
589	690	481	5:52: 7	-70:16:31							127	10	86	281?	30.0C	9.367
590	246	525	5:52:18	-79:36:16							106	11	79	253?	30.0C	8.433
591	706	478	5:52:33	-69:56:10							113	4	86	100?	30.0C	3.333
592	257	528	5:52:45	-79:23: 2	256248	-0:53	-0:42	B8	5.56	.00	396	52	162	4120 L	3.0L	1373.333
593	791	472	5:52:53	-68: 9:30	NO LMC						72	40	38	1120	10.0C	112.000
594	789	469	5:52:53	-68:12:55	LMC						176	97	96	4332?	30.0C	144.400
595	257	525	5:53: 4	-79:22:40	256248	-0:35	-0:20	B8	5.56	.00	415	121	37	12514	10.0C	1251.400
596	256	526	5:53:11	-79:22:34	256248	-0:28	-0:15	B8	5.56	.00	251	35	72	2365	1.0L	2365.000
597	778	468	5:53:19	-68:26:32							108	4	85	91?	30.0C	3.033
598	727	471	5:53:35	-69:29:17							116	4	87	104?	30.0C	3.467
599	589	485	5:53:44	-72:23:34							118	16	84	478?	30.0C	15.867
600	258	521	5:53:44	-79:22: 8	256248	0: 5	0:11	B8	5.56	.00	423	266	80	26661	30.0C	888.700
601	785	464	5:54: 5	-68:17:23							125	9	91	252?	30.0C	8.400
602	594	482	5:54:27	-72:16:57							109	32	64	992?	30.0C	33.067
603	906	452	5:55: 7	-65:53:14	NO LMC						223	51	93	2910	30.0C	97.000
604	905	454	5:55:10	-65:53:31	NO LMC						95	26	38	938	10.0C	93.800
605	590	476	5:56:12	-72:21:18							114	11	64	355?	30.0C	11.833
606	73	527	5:56:29	-83: 3:42							135	11	65	439?	30.0C	14.633
607	788	453	5:56:30	-68:12:25	NO LMC						191	36	90	1624	30.0C	54.133
608	788	455	5:56:32	-68:11:28	NO LMC						81	12	38	378	10.0C	37.800
609	605	471	5:56:54	-72: 1:58							88	7	67	136?	30.0C	4.533
610	741	450	5:58:16	-69:10:36							143	18	83	661?	30.0C	22.033
611	612	465	5:58:20	-71:52:26							123	46	65	1515?	30.0C	50.500
612	773	441	5:59:20	-68:29:42	NO						150	22	87	773	30.0C	25.767
613	773	443	5:59:36	-68:28:36	NO LMC						85	4	37	101	10.0C	10.100
614	621	457	5:59:57	-71:40:13							119	50	66	1653?	30.0C	55.100
615	631	449	6: 2: 1	-71:26:24							132	18	70	468?	30.0C	15.533
616	709	436	6: 2:13	-69:48:43	NO						140	10	76	382	30.0C	12.733
617	493	467	6: 2:50	-74:22:40	NO						177	25	63	1233	30.0C	41.100
618	492	469	6: 2:58	-74:22:57	NO						74	8	27	253	10.0C	25.300
619	636	443	6: 3:12	-71:20:38							108	11	70	309?	30.0C	10.300
620	368	485	6: 3:21	-77: 1:20	NO						125	11	70	441	30.0C	14.700
621	367	486	6: 3:55	-77: 1:27	NO						80	4	29	105	10.0C	10.500
622	461	463	6: 5:44	-75: 1:56	NO						163	14	62	726	30.0C	24.200
623	460	465	6: 5:53	-75: 2:12	NO						73	7	27	223	10.0C	22.300
624	460	466	6: 6: 4	-75: 2: 8	NO						202	4	167	109	3.0L	36.333
625	893	396	6: 6:44	-65:59:48	249448	0:39	2: 9	B9	5.83	.00	133	22	93	654	1.0L	654.000
626	895	395	6: 6:47	-66: 0:12	249448	0:41	1:45	B9	5.83	.00	417	140	95	15829	30.0C	527.633
627	894	397	6: 6:50	-66: 0:10	249448	0:44	1:47	B9	5.83	.00	294	44	208	1972	3.0L	657.333
628	894	397	6: 6:50	-66: 0:26	249448	0:44	1:31	B9	5.83	.00	356	90	40	8962	10.0C	896.200
629	315	482	6: 7:15	-78: 6:55	NO						228	21	76	1321	30.0C	44.033
630	661	421	6: 7:29	-70:46: 7							142	105	74	4004?	30.0C	133.467
631	314	483	6: 7:52	-78: 6:59	NO						113	13	30	596	10.0C	59.600
632	933	383	6: 8: 9	-65:14: 7	NO						161	31	101	1109	30.0C	36.967
633	932	385	6: 8:11	-65:14:20	NO						69	7	43	161	10.0C	16.100
634	314	484	6: 8:19	-78: 6:53	NO						223	7	162	283	3.0L	94.333
635	313	482	6: 8:40	-78: 6:20	NO						102	4	71	106	1.0L	106.000
636	672	413	6: 9: 5	-70:30:59							123	97	81	2520?	30.0C	84.000
637	752	402	6: 9:16	-68:49:23	249461	0:12	0:35	B9	5.21	.00	422	60	202	5205	3.0L	1735.000
638	753	399	6: 9:19	-68:49:16	249461	0:15	0:42	B9	5.21	.00	420	244	88	25104	30.0C	836.800
639	752	401	6: 9:23	-68:49:31	249461	0:19	0:28	B9	5.21	.00	418	134	37	13189	10.0C	1319.900
640	751	400	6: 9:25	-68:49:50	249461	0:21	1: 8	B9	5.21	.00	281	44	88	3178 H	1.0L	3178.000
641	125	498	6:10:27	-82: 0:27	258432	-0:17	-1:34	A0	8.28	.00	129	27	85	683 L	30.0C	22.767
642	925	366	6:11:44	-65:20:46							143	13	104	348?	30.0C	11.600
643	918	367	6:11:45	-65:29:30							142	8	97	238?	30.0C	7.933
644	690	396	6:12:19	-70: 5:32							115	34	82	890?	30.0C	29.667
645	360	465	6:12:26	-77: 6:10	256277	-0:18	-0:40	A0	6.89	.00	208	5	176	125 L	3.0L	41.667
646	360	463	6:12:28	-77: 6: 8	256277	-0:17	-0:38	A0	6.89	.00	129	23	30	1024	10.0C	102.400
647	434	446	6:12:38	-75:32:26							100	9	70	241?	30.0C	8.033
648	361	460	6:12:39	-77: 5:41	256277	-0: 6	-0:11	A0	6.89	.00	257	41	74	2889	30.0C	96.300
649	697	392	6:13: 1	-69:56: 3							113	8	90	174?	30.0C	5.800
650	116	501	6:13:18	-82:10: 4	258438	-1:13	-1:28	B8	7.61	.00	171	14	137	398 L	3.0L	132.667

MENSA RA 05:50 DEC -74:00

OBJECT NO.	X	Y	R.A.	DEC.	SAO NO.	Δ R.A.	Δ DEC.	SPEC. TYPE	V MAG.	P MAG.	PEAK DEN.	NO. OF POINTS	BG	DENSITY/ VOLUME	EXP.& FILTER	DEN./VOL/ EXP.
651	780	376	6:13:32	-68:11:27							144	17	95	536?	30.0C	17.867
652	115	497	6:14: 7	-82:10:50	258438	-0:24	-2:14	B8	7.61	.00	128	47	31	2205	10.0C	220.500
653	116	493	6:14:56	-82:10:11	258438	0:25	-1:35	B8	7.61	.00	271	88	74	6391	30.0C	210.033
654	707	381	6:15:17	-69:42:37							109	4	87	86?	30.0C	2.867
655	714	377	6:15:56	-69:33: 6							118	8	91	184?	30.0C	6.133
656	522	416	6:16: 0	-73:37:23	256286	0: 5	-0:53	B9	6.80	.00	369	106	70	8493	30.0C	283.100
657	522	418	6:16: 5	-73:36:22	256286	0:10	0: 8	B9	6.80	.00	248	49	30	3780	10.0C	378.000
658	521	420	6:16:14	-73:37:23	256286	0:19	-0:52	B9	6.80	.00	307	24	179	1389	3.0L	463.000
659	877	349	6:16:18	-66:13:48	249497	0:41	2:37	B9	7.34	.00	309	97	97	9911 H	30.0C	330.367
660	876	351	6:16:21	-66:13:59	249497	0:44	2:26	B9	7.34	.00	230	67	40	4880	10.0C	488.000
661	876	351	6:16:22	-66:13:31	249497	0:44	2:54	B9	7.34	.00	267	22	216	731	3.0L	243.667
662	520	418	6:16:27	-73:36:47	256286	0:32	-0:17	B9	6.80	.00	146	14	78	579	1.0L	579.000
663	609	395	6:16:38	-71:45:22							102	4	74	93?	30.0C	3.100
664	726	370	6:16:50	-69:16:58							117	9	97	139?	30.0C	4.633
665	719	370	6:17: 8	-69:25:36							118	5	87	142?	30.0C	4.733
666	723	367	6:17:39	-69:19:59							120	8	91	190?	30.0C	6.333
667	727	365	6:17:57	-69:14:36							137	21	90	653?	30.0C	21.767
668	614	389	6:17:58	-71:37:48							111	6	75	181?	30.0C	6.033
669	528	405	6:18:53	-73:27:25							96	4	72	89?	30.0C	2.967
670	614	387	6:19: 3	-71:35:33	NO						223	24	188	688	3.0L	229.333
671	590	391	6:19:14	-72: 6:29	256290	0: 7	0: 6	A0	7.96	.00	74	9	30	281 L	10.0C	28.100
672	882	333	6:19:24	-[illegible] 5:22							139	12	100	326?	30.0C	10.867
673	591	388	6:19:27	-72: 7:17	256290	0:20	-0:42	A0	7.96	.00	181	23	76	1105 L	30.0C	36.833
674	878	331	6:19:57	-66: 9:46							123	7	98	163?	30.0C	5.433
675	801	339	6:20:41	-67:41:22							124	8	96	182?	30.0C	6.067
676	635	372	6:20:50	-71: 9:30							111	56	77	1566?	30.0C	52.200
677	748	346	6:21:11	-68:45:46							122	8	95	182?	30.0C	6.067
678	644	367	6:21:39	-70:57:10	256298?	-2: 8	-2: 9	A2	8.06	.00	178	68	78	2816 H	30.0C	93.867
679	643	369	6:21:57	-70:56:46	256298?	-1:49	-1:45	A2	8.06	.00	214	4	190	85 L	3.0L	28.333
680	724	346	6:22:18	-69:15:13							207	41	94	2348?	30.0C	78.267
681	637	361	6:23:32	-71: 4:16	256298?	-0:15	-9:15	A2	8.06	.00	141	92	81	3081 H	30.0C	102.700
682	854	315	6:23:49	-66:35:32	NO						173	12	100	517	30.0C	17.233
683	853	317	6:24: 2	-66:34:13	NO						81	5	41	156	10.0C	15.600
684	771	327	6:24:24	-68:14: 5							121	6	98	127?	30.0C	4.233
685	360	426	6:24:51	-76:59: 2							103	10	75	246?	30.0C	8.200
686	779	319	6:25:49	-68: 3:27							124	12	98	267?	30.0C	8.900
687	787	311	6:27:10	-67:51:33							131	7	98	190?	30.0C	6.333
688	365	417	6:27:47	-76:51:36							109	62	78	1452?	30.0C	48.400
689	589	355	6:28:41	-71:59:45	NO						62	4	32	102	10.0C	10.200
690	533	371	6:28:44	-73:12:13	NO						73	8	32	234	10.0C	23.400
691	798	301	6:28:48	-67:36:40							130	13	98	327?	30.0C	10.900
692	590	352	6:28:50	-71:59:18	NO						147	14	84	520	30.0C	17.333
693	534	368	6:28:54	-73:11:46	NO						165	20	78	889	30.0C	29.633
694	802	299	6:29: 5	-67:32:28							122	6	99	129?	30.0C	4.300
695	746	310	6:29:13	-68:40:13							152	6	107	177?	30.0C	5.900
696	257	439	6:30:23	-79: 5: 2							99	5	72	112?	1.0L	112.000
697	343	419	6:30:31	-77:16:43	256308	-0: 4	-1:25	A0	6.98	.00	209	5	176	129 L	3.0L	43.000
698	343	417	6:30:32	-77:16:53	256308	-0: 3	-1:35	A0	6.98	.00	118	22	32	1019	10.0C	101.900
699	733	308	6:30:56	-68:53: 1	NO						268	13	221	419	3.0L	139.667
700	735	305	6:30:56	-68:52:10	NO						350	57	102	4791	30.0C	159.700
701	735	307	6:31: 0	-68:52:18	NO						197	36	40	2230	10.0C	223.000
702	639	330	6:30:60	-70:54:43							136	8	90	273?	30.0C	9.100
703	344	413	6:31: 4	-77:16: 7	256308	0:30	-0:49	A0	6.98	.00	271	41	78	3095	30.0C	103.167
704	820	283	6:31:47	-67: 7: 2							125	7	101	159?	30.0C	5.300
705	236	435	6:32:53	-79:31:50							120	6	81	178?	30.0C	5.933
706	668	301	6:35:46	-70:11: 7							136	72	99	1862?	30.0C	62.067
707	682	296	6:36: 8	-69:53:45							149	113	97	4041?	30.0C	134.700
708	633	306	6:37:49	-70:52:10	NO						262	14	211	471	3.0L	157.000
709	633	305	6:37:52	-70:52:47	NO						163	28	37	1609	10.0C	160.900
710	634	302	6:38: 1	-70:52:20	NO						304	53	97	3538	30.0C	117.933
711	402	374	6:38:40	-75:53:35							126	7	79	231?	30.0C	7.700
712	846	242	6:38:46	-66:28:18							136	4	108	102?	30.0C	3.400
713	175	436	6:39: 2	-80:45: 3							135	22	83	764?	30.0C	25.467
714	877	233	6:39: 8	-65:50:30							138	5	113	118?	30.0C	3.933
715	880	232	6:39:10	-65:46:36							139	10	112	237?	30.0C	7.900
716	318	397	6:39:15	-77:42:50							109	5	83	114?	30.0C	3.800
717	884	228	6:39:46	-65:41:44							149	29	112	795?	30.0C	26.500
718	309	398	6:39:51	-77:54: 3							119	71	82	1994?	30.0C	66.467
719	669	275	6:41:41	-70: 2:47							133	23	98	624?	30.0C	20.800
720	898	214	6:41:44	-65:21:42							162	14	127	364?	30.0C	12.133
721	321	389	6:41:56	-77:36:24							123	24	100	304?	30.0C	10.133
722	283	402	6:42: 8	-78:24:58	256327	-0:17	-1:31	B9	8.80	.00	72	10	35	270 L	10.0C	27.000
723	688	266	6:42:33	-69:37:60	249630	0: 4	1:22	A0	7.56	.00	250	117	106	5726 H	30.0C	190.867
724	687	268	6:42:38	-69:38: 4	249630	0: 9	1:17	A0	7.56	.00	114	24	40	950	10.0C	95.000
725	284	398	6:42:42	-78:24: 8	256327	0:17	-0:41	B9	8.80	.00	175	24	84	1123	30.0C	37.433
726	776	240	6:42:52	-67:44:11	249631	0:19	3:21	A0	6.86	.00	132	5	107	112 L	1.0L	112.000
727	777	241	6:42:58	-67:44:34	249631	0:25	2:57	A0	6.86	.00	290	20	238	678	3.0L	226.000
728	756	247	6:42:59	-68:10:33	NO						275	10	239	286	3.0L	95.333
729	779	238	6:42:59	-67:44: 1	249631	0:26	3:31	A0	6.86	.00	385	79	113	7273	30.0C	242.433
730	757	244	6:43: 3	-68:11:12	NO						340	58	109	4939	30.0C	164.633
731	777	240	6:43: 7	-67:45:16	249631	0:34	2:15	A0	6.86	.00	237	54	45	3944	10.0C	394.400
732	756	246	6:43: 7	-68:11:15	NO						169	38	44	2138	10.0C	213.800
733	881	212	6:43:15	-65:38:35	NO						307	50	263	1482	3.0L	494.000
734	885	209	6:43:15	-65:35:43	NO						397	154	120	14942	30.0C	498.067
735	883	211	6:43:21	-65:36:56	NO						196	86	49	5393	10.0C	539.300
736	705	258	6:43:27	-69:13:18	NO						105	17	42	661	10.0C	66.100
737	707	255	6:43:36	-69:12:52	NO						237	32	108	1862	30.0C	62.067
738	843	218	6:44: 2	-66:23:36	NO						281	8	252	202	3.0L	67.333
739	845	215	6:44: 7	-66:23: 6	NO						322	84	118	6188	30.0C	206.267
740	844	217	6:44:11	-66:23: 9	NO						139	50	49	2217	10.0C	221.700
741	784	228	6:44:50	-67:35:44							206	32	110	1589?	30.0C	52.967
742	782	230	6:44:58	-67:36:58	NO						86	17	43	514	10.0C	51.400
743	621	269	6:46:53	-70:57:54							163	13	112	396?	30.0C	13.200
744	567	285	6:47:42	-72: 7:54							137	5	105	124?	30.0C	4.133
745	381	352	6:48:40	-76: 8:10							126	20	86	576?	1.0L	576.000
746	756	217	6:48:48	-68: 5:19							148	13	111	350?	30.0C	11.667
747	759	213	6:49:26	-68: 0:15							169	62	112	2213?	30.0C	73.767
748	492	305	6:50: 1	-73:43:55							118	4	95	85?	30.0C	2.833
749	695	228	6:50:22	-69:18:43							148	11	113	289?	30.0C	9.633
750	757	204	6:51:20	-68: 0:44							167	50	112	1638?	30.0C	54.600

MENSA RA 05:50 DEC -74:00

OBJECT NO.	X	Y	R.A.	DEC.	SAO NO.	Δ R.A.	Δ DEC.	SPEC. TYPE	V MAG.	P MAG.	PEAK DEN.	NO. OF POINTS	BG	DENSITY VOLUME	EXP.& FILTER	DEN.VOL/ EXP.
751	611	256	6:51:27	-71: 4: 6							83	28	43	814?	10.0C	81.400
752	360	348	6:51:34	-76:35:55							118	15	90	341?	30.0C	11.367
753	618	251	6:51:51	-70:54:11	256344	-0:11	-0: 6	B8	5.52	.00	434	162	45	16276	10.0C	1627.600
754	617	252	6:51:53	-70:54:32	256344	-0: 8	-0:26	B8	5.32	.00	441	73	235	6451	3.0L	2150.333
755	616	250	6:52: 2	-70:53:44	256344	-0: 0	0:21	B8	5.52	.00	349	50	104	4290	1.0L	4290.000
756	618	248	6:52: 4	-70:54:56	256344	0: 2	-0:50	B8	5.52	.00	434	319	117	29696	30.0C	989.867
757	548	273	6:52:35	-72:27: 4							149	9	111	253?	30.0C	8.433
758	442	312	6:53:32	-74:45:33							128	4	97	109?	30.0C	3.633
759	371	338	6:53:40	-76:18:43							126	14	98	296?	30.0C	9.867
760	373	336	6:54: 6	-76:15:30							138	12	93	365?	30.0C	12.167
761	690	215	6:54:17	-69:17:25							292	27	245	885?	3.0L	295.000
762	343	345	6:54:38	-76:54:51							124	18	93	451?	30.0C	15.033
763	382	331	6:54:42	-76: 2:43							131	16	96	428?	30.0C	14.267
764	539	269	6:54:43	-72:35:42							136	4	112	87?	30.0C	2.900
765	373	334	6:54:46	-76:14:40							128	4	93	120?	30.0C	4.000
766	350	342	6:54:49	-76:45:17							130	9	96	220?	30.0C	7.333
767	352	341	6:54:55	-76:42:30							133	7	96	222?	30.0C	7.400
768	356	338	6:55:27	-76:36:29	NO						290	146	92	7818	30.0C	260.600
769	635	229	6:55:40	-70:25:20	256351	-0: 5	0: 1	A2	7.22	.00	273	7	244	174	3.0L	58.000
770	637	225	6:55:48	-70:24:37	256351	0: 3	0:44	A2	7.22	.00	331	44	117	3505 H	30.0C	116.833
771	339	343	6:55:50	-76:58:43							120	8	90	200?	30.0C	6.667
772	356	339	6:55:52	-76:34:55	NO						133	23	35	1159	10.0C	115.900
773	636	227	6:55:54	-70:24:38	256351	0: 9	0:43	A2	7.22	.00	177	29	46	1707 H	10.0C	170.700
774	354	339	6:56:11	-76:34:48	NO						110	4	82	100	1.0L	100.000
775	355	340	6:56:18	-76:35:12	NO						232	8	185	285	3.0L	95.000
776	393	320	6:56:48	-75:46:37							192	180	91	8222?	30.0C	274.067
777	361	334	6:56:56	-76:26:51	NO						84	4	39	96	10.0C	9.600
778	392	322	6:56:57	-75:46:39	NO						84	12	36	378	10.0C	37.800
779	359	329	6:58: 8	-76:29: 3	NO						175	27	89	1193	30.0C	39.767
780	358	331	6:58:19	-76:29: 5	NO						73	5	36	138	10.0C	13.800
781	578	241	6:58:21	-71:36:47	NO						260	6	234	138	3.0L	46.000
782	523	261	6:58:22	-72:51:14	NO						334	34	105	2899	30.0C	96.633
783	580	237	6:58:25	-71:36: 6							237	25	121	1333?	30.0C	44.433
784	687	194	6:58:29	-69:17: 6	NO						215	12	115	605	30.0C	20.167
785	522	263	6:58:30	-72:51:15	NO						233	23	42	1856	10.0C	185.600
786	579	239	6:58:32	-71:36: 7	NO						106	15	47	513	10.0C	51.300
787	686	196	6:58:34	-69:17: 5	NO						93	7	45	248	10.0C	24.800
788	520	262	6:58:48	-72:50:39	NO						168	13	97	546	1.0L	546.000
789	521	263	6:58:54	-72:51: 2	NO						313	12	219	711	3.0L	237.000
790	498	271	6:59: 2	-73:22:37	NO						110	15	40	620	10.0C	62.000
791	499	268	6:59:11	-73:22: 9	NO						239	28	107	1682	30.0C	56.067
792	497	272	6:59:12	-73:22:50	NO						248	8	216	209	3.0L	69.667
793	227	379	6:59:18	-79:20:22	256355	-0:28	0:39	A0	5.51	.00	288	39	170	2031	3.0L	677.000
794	227	376	6:59:35	-79:20:25	256355	-0:11	0:36	A0	5.51	.00	318	61	35	5553	10.0C	555.300
795	226	377	6:59:39	-79:19:30	256355	-0: 7	1:31	A0	5.51	.00	131	18	73	654	1.0L	654.000
796	788	150	7: 0: 5	-67: 9: 5							149	4	121	957	30.0C	3.167
797	383	322	7: 0: 5	-76:22:24							122	5	90	142?	30.0C	4.733
798	228	372	7: 0:10	-79:19:29	256355	0:24	1:32	A0	5.51	.00	398	109	87	11072 L	30.0C	369.067
799	631	206	7: 0:36	-70:25: 8							141	4	119	827	30.0C	2.733
800	293	343	7: 2: 2	-77:52:45							117	4	93	882	30.0C	2.933
801	362	317	7: 2:15	-76:19:41	NO						80	17	47	399	10.0C	39.900
802	364	314	7: 2:16	-76:18: 3	NO						172	8	91	381	30.0C	12.700
803	353	323	7: 2:21	-76:31: 4							234	10	191	291?	3.0L	97.000
804	352	321	7: 2:36	-76:30:11	NO						111	5	81	126	1.0L	126.000
805	355	314	7: 3:26	-76:28:34	NO						316	205	91	13708	30.0C	456.933
806	354	316	7: 3:38	-76:28:34	NO						161	62	35	3179	10.0C	317.900
807	626	195	7: 3:42	-70:27:14	256366	0: 4	0:41	A0	7.66	.00	241	26	128	1406	30.0C	46.867
808	625	197	7: 3:48	-70:27:13	256366	0:10	0:42	A0	7.66	.00	96	14	47	483 L	10.0C	48.300
809	354	317	7: 3:53	-76:27:33	NO						255	9	192	368	3.0L	122.667
810	353	315	7: 4: 8	-76:26:40	NO						122	6	83	179	1.0L	179.000
811	360	309	7: 4:26	-76:20:23							169	56	98	2289?	30.0C	76.300
812	502	243	7: 5:27	-73: 8:53							158	7	114	195?	30.0C	6.500
813	719	148	7: 6: 8	-68:22:34							307	21	267	590?	3.0L	196.667
814	774	123	7: 6:30	-67:16: 5							152	6	121	163?	30.0C	5.433
815	742	127	7: 6: 7	-67:49: 9	249747	0:17	2:11	B8	7.88	.00	155	18	125	447	1.0L	447.000
816	743	128	7: 8:12	-67:51: 9	249747	0:21	0:12	B8	7.88	.00	223	74	52	5056 H	10.0C	505.600
817	743	128	7: 8:13	-67:49:33	249747	0:23	1:47	B8	7.88	.00	337	73	281	2387 H	3.0L	795.667
818	745	125	7: 8:14	-67:49:36	249747	0:24	1:45	B8	7.88	.00	403	113	120	11558 H	30.0C	385.267
819	519	223	7: 8:26	-72:41:42	NO						264	26	115	1714	30.0C	57.133
820	518	225	7: 8:27	-72:40:32	NO						130	17	42	783	10.0C	78.300
821	518	226	7: 8:28	-72:39:25	NO						269	7	232	191	3.0L	63.667
822	301	318	7: 9:33	-77:31:58							132	32	107	420?	30.0C	14.000
823	680	147	7: 9:44	-68: 5:47							290	4	269	81?	3.0L	27.000
824	321	308	7:10:12	-77: 5: 6							122	25	87	730?	30.0C	24.333
825	281	323	7:11:13	-77:56:58							132	11	86	361?	30.0C	12.033
826	700	130	7:11:27	-68:37:24							305	10	277	249?	3.0L	83.000
827	334	298	7:11:40	-76:45: 6	NO						241	25	97	2223	30.0C	74.100
828	334	300	7:11:43	-78:43:56	NO						112	10	54	384	10.0C	38.400
829	324	302	7:11:48	-78:58:37							183	89	89	4579?	30.0C	152.633
830	317	305	7:11:49	-77: 8:11							139	28	90	1086?	30.0C	36.200
831	334	301	7:11:59	-76:42:46	NO						226	5	197	126	3.0L	42.000
832	294	314	7:12: 3	-77:37:60	NO						144	8	104	219	30.0C	7.300
833	750	100	7:12:52	-67:35:53							233	43	129	2424?	30.0C	80.800
834	714	116	7:12:59	-68:19: 2	NO						80	5	53	125	10.0C	12.500
835	735	106	7:13:14	-67:49:41							320	4	306	50?	3.0L	16.667
836	218	344	7:13:16	-79:19: 4	256381	0:39	1:45	A0	7.86	.00	127	13	86	391 L	30.0C	13.033
837	714	112	7:13:25	-68:19:16	NO						169	29	127	805	30.0C	26.833
838	306	305	7:13:30	-77:20:47							138	18	90	620?	30.0C	20.667
839	335	291	7:13:31	-76:40:54							175	38	112	1045?	30.0C	34.833
840	727	106	7:13:58	-67:58:45							324	9	296	216?	3.0L	72.000
841	315	299	7:14:11	-77: 7:23							235	106	94	7045?	30.0C	234.833
842	319	297	7:14:15	-77: 1:47							255	74	90	5206?	30.0C	173.533
843	294	310	7:14:24	-77:34:52							67	8	34	160?	10.0C	16.000
844	744	96	7:14:35	-67:36:47							340	7	316	100?	3.0L	33.333
845	318	298	7:14:47	-77: 1:13	NO						184	24	48	746	10.0C	74.600
846	317	300	7:14:53	-77: 1:41	NO						215	4	188	99	3.0L	33.000
847	321	294	7:14:57	-76:57:56	NO						207	54	98	3858	30.0C	121.667
848	314	301	7:15: 1	-77: 5:38	NO						240	14	189	480	3.0L	160.000
849	314	299	7:15: 4	-77: 6:18							108	29	45	1180?	10.0C	118.800
850	288	312	7:15:11	-77:39:53							209	5	183	118?	3.0L	39.333

MENSA RA 05:50 DEC -74:00

OBJECT NO.	X	Y	R.A.	DEC.	SAO NO.	Δ R.A.	Δ DEC.	SPEC. TYPE	V MAG.	P MAG.	PEAK DEN.	NO. OF POINTS	BG	DENSITY VOLUME	EXP.& FILTER	DEN.VOL/ EXP.
851	313	299	7:15:16	-77: 4:41	NO						115	7	81	203	1.0L	203.000
852	296	304	7:15:26	-77:31:41	NO						282	24	91	2499	30.0C	83.300
853	322	291	7:15:28	-76:55:45	NO						178	26	104	853	30.0C	28.433
854	296	306	7:15:29	-77:30:30	NO						176	22	43	1089	10.0C	108.900
855	289	309	7:15:33	-77:40: 3	NO						112	23	35	978	10.0C	97.800
856	617	145	7:15:34	-70:18:24							156	5	129	117?	30.0C	3.900
857	290	306	7:15:41	-77:39:34	NO						245	112	88	5024	30.0C	167.467
858	296	307	7:15:48	-77:29:17	NO						274	11	187	521	3.0L	173.667
859	295	305	7:16: 4	-77:28:19	NO						131	8	82	270	1.0L	270.000
860	291	302	7:16:56	-77:36:18							275	220	89	14544?	30.0C	484.800
861	317	288	7:17:15	-76:59:51	NO						139	12	91	393	30.0C	13.100
862	316	290	7:17:27	-76:59:48	NO						69	8	34	225	10.0C	22.500
863	290	305	7:17:29	-77:35: 0	NO						225	8	186	228	3.0L	76.000
864	556	165	7:17:58	-71:34:19							159	5	125	141?	30.0C	4.700
865	610	139	7:18:19	-70:20:21							291	7	265	160?	3.0L	53.333
866	713	89	7:18:34	-68: 7:32							340	5	318	107?	3.0L	35.667
867	294	297	7:18:36	-77:28:30							120	69	36	3235?	10.0C	323.500
868	293	296	7:19:10	-77:26:15	NO						113	7	88	129	1.0L	129.000
869	294	298	7:19:15	-77:26:41							229	11	196	228?	3.0L	76.000
870	291	297	7:19:45	-77:30: 4							229	10	188	314?	3.0L	104.667
871	288	295	7:20:21	-77:31:20	NO						118	6	82	168	1.0L	168.000
872	419	226	7:20:38	-74:36:18							144	6	107	160?	30.0C	5.333
873	635	115	7:20:42	-69:42:45							335	26	282	926?	3.0L	308.667
874	286	296	7:20:57	-77:35: 8							214	4	188	97?	3.0L	32.333
875	572	141	7:21:33	-71: 6:46							157	10	131	215?	30.0C	7.167
876	567	140	7:22:20	-71:11:52							159	27	128	635?	30.0C	21.167
877	572	133	7:23: 9	-71: 2:58							157	18	127	448?	30.0C	14.933
878	676	80	7:23:51	-68:44:40							333	7	311	137?	3.0L	45.667
879	598	116	7:24: 3	-70:27:19							166	18	134	427?	30.0C	14.233
880	586	123	7:24:10	-70:41: 8	NO						98	18	51	598	10.0C	59.800
881	588	120	7:24:17	-70:40:42	NO						226	66	127	2997	30.0C	99.900
882	686	71	7:24:45	-68:29:44							340	8	313	191?	3.0L	63.667
883	556	133	7:25:14	-71:20:21	256408	0: 5	1:52	A2	6.52	.00	177	15	131	456 L	30.0C	15.200
884	598	110	7:25:42	-70:23:20	NO						174	16	54	889	10.0C	88.900
885	606	104	7:25:42	-70:13:26							174	38	130	1052?	30.0C	35.067
886	597	109	7:25:43	-70:20:58	NO						153	4	126	99	1.0L	99.000
887	598	108	7:25:43	-70:24:34	NO						289	95	128	4232	30.0C	141.067
888	598	111	7:25:49	-70:21:23							340	6	289	188?	3.0L	62.667
889	561	122	7:27: 3	-71:10:17							159	9	133	202?	30.0C	6.733
890	361	228	7:28:49	-75:41:52							128	8	97	208?	30.0C	6.933
891	354	225	7:31:53	-75:43:21							278	9	209	392?	3.0L	130.667
892	353	223	7:32: 5	-75:42:20	NO						122	4	87	131	1.0L	131.000
893	587	72	7:35:13	-70:15:52							334	6	310	132?	3.0L	44.000
894	296	242	7:35:56	-76:58:13	256426	0:36	0: 4	A0	7.31	.00	102	22	38	856	10.0C	85.600
895	298	238	7:36:11	-76:56: 2	256426	0:51	2:16	A0	7.31	.00	250	40	100	2579	30.0C	85.967
896	415	168	7:36:56	-74:10:13	256428	0:32	-0:29	B9	6.46	.00	367	64	46	6623	10.0C	662.300
897	414	169	7:36:59	-74: 8:40	256428	0:35	1: 5	B9	6.46	.00	369	47	244	2501	3.0L	833.667
898	413	168	7:37: 2	-74: 9:20	256428	0:38	0:25	B9	6.46	.00	163	21	103	790	1.0L	790.000
899	416	165	7:37: 3	-74: 9:45	256428	0:39	-0: 1	B9	6.46	.00	410	122	115	11534	30.0C	384.467
900	314	224	7:37:34	-76:31:38	NO						191	17	103	776	30.0C	25.867
901	314	226	7:37:35	-76:30:24	NO						87	8	40	251	10.0C	25.100
902	579	51	7:40: 4	-70:18: 6	NO						242	51	141	2618	30.0C	87.267
903	578	53	7:40:10	-70:17:54	NO						104	26	62	765	10.0C	76.500
904	480	106	7:42: 4	-72:28:39	NO						209	52	122	2572	30.0C	85.733
905	479	107	7:42:25	-72:27:50	NO						90	26	49	806	10.0C	80.600
906	542	61	7:43:21	-70:55:49	NO						397	17	350?	670	3.0L	190.000
907	501	86	7:43:34	-71:56:49							154	4	127	90?	30.0C	3.000
908	542	58	7:43:37	-70:59:50	NO						248	100	134	5407	30.0C	180.233
909	541	59	7:43:48	-70:57:56	NO						163	84	60	4291	10.0C	429.100
910	540	58	7:43:56	-70:56:16	NO						210	50	144	1942	1.0L	1942.000
911	405	138	7:45: 9	-74: 7:24							155	13	117	378?	30.0C	12.600
912	59	351	7:45:31	-82:14:14							133	5	100	130?	30.0C	4.333
913	490	83	7:45:48	-72: 6:37							170	7	126	205?	30.0C	6.833
914	96	327	7:46: 6	-81:22:21							112	4	90	85?	30.0C	2.833
915	556	29	7:48: 8	-70:26:27							370	6	350?	160	3.0L	53.333
916	407	124	7:48:18	-73:57:46	256448	0:33	0:10	A0	8.27	.00	146	7	120	157 L	30.0C	5.233
917	552	23	7:49:27	-70:31:44							253	130	145	483?	30.0C	16.100
918	334	165	7:51:34	-75:32:22							302	37	233	1397?	3.0L	465.667
919	526	26	7:53: 8	-70:53:24							363	4	350?	100	3.0L	33.333
920	524	19	7:54:20	-70:57:36							144	202	141?	7211?	30.0C	240.4ED
921	95	301	7:57:58	-81: 6:59							126	12	95	342?	30.0C	11.400
922	89	302	7:59:22	-81:13:44							125	14	96	352?	30.0C	11.733
923	91	300	7:59:37	-81:10:17							129	21	94	594?	30.0C	19.800
924	311	138	8: 2:39	-75:39:51							275	6	238	179?	3.0L	59.667
925	462	25	8: 3:31	-71:59:42	NO						87	11	62	237	10.0C	23.700
926	464	21	8: 3:37	-71:59:17	NO						189	218	133?	2233	30.0C	74.4ED
927	242	143	8:14:30	-76:57:14							130	16	92	487?	30.0C	16.233
928	221	158	8:14:51	-77:28:22							117	5	93	111?	30.0C	3.700
929	233	149	8:14:52	-77:10:39							159	60	91	2307?	30.0C	76.900
930	205	169	8:15:30	-77:50:43							157	46	94	1761?	30.0C	58.700
931	198	174	8:15:43	-78: 1:24							169	46	99	1560?	30.0C	52.000
932	211	164	8:15:46	-77:41:57							118	11	93	244?	30.0C	8.133
933	185	183	8:15:59	-78:20: 4	NO						241	164	93	10696	30.0C	356.533
934	278	108	8:16: 9	-75:59:24							119	6	96	126?	30.0C	4.200
935	186	184	8:16:34	-78:14: 6							224	4	197	92?	3.0L	30.667
936	175	193	8:16:40	-78:30: 3							221	4	193	91?	3.0L	30.333
937	149	207	8:18:16	-79: 8: 1	256491	0:56	1:46	A0	7.30	.00	96	39	41	1287	10.0C	128.700
938	150	203	8:18:41	-79: 6:44	256491	1:21	3: 3	A0	7.30	.00	213	69	102	3727	30.0C	124.233
939	285	90	8:19:26	-75:38: 5							86	13	43	429?	10.0C	42.900
940	250	98	8:24:54	-76:16:38	256507/	0:56	-0:33	A2	7.14	.00	89	17	50	448	10.0C	44.800
941	250	98	8:24:54	-76:16:38	256508/	0:50	-0:16	A	8.86	.00	89	17	50	448	10.0C	44.800
942	252	94	8:25:14	-76:15:21	256507/	1:17	0:43	A2	7.14	.00	220	8	155	305 L	30.0C	10.167
943	252	94	8:25:14	-76:15:21	256508/	1:11	1: 0	A	8.86	.00	220	8	155	305 L	30.0C	10.167

NORMA RA 17:24 DEC -59:04

OBJECT NO.	X	Y	R.A.	DEC.	SAO NO.	Δ R.A.	Δ DEC.	SPEC. TYPE	V MAG.	P MAG.	PEAK DEN.	NO. OF POINTS	BG	DENSITY VOLUME	EXP.& FILTER	DEN.VOL/ EXP.
1	687	60	16:11:47	-57:47:22	243509	0: 6	-0: 9	A2	5.86	.00	68	4	36	107 L	4.1C	26.098
2	935	274	16:14: 8	-64:31: 7	NO						264	11	235	268	3.0L	89.333
3	678	79	16:14:13	-57:54:13	243551?	0:21	1:35	A	8.89	8.68	361	5	331	119?	3.0L	39.667
4	931	272	16:14:16	-64:25:38	NO						259	13	234	282	3.0L	94.000
5	931	270	16:14:20	-64:22:57	NO						70	27	29	823	4.1C	200.732
6	667	68	16:14:28	-57:33:36	243572	-0: 1	0:52	B5	6.44	6.14	65	13	37	312 L	4.1C	76.098
7	933	266	16:14:29	-64:22: 7	NO						58	21	28	465	3.0C	155.000
8	673	78	16:14:31	-57:48:22	243571?	0: 3	0:40	B8	9.42	9.29	375	94	333	2104	3.0L	701.333
9	673	78	16:14:31	-57:48:22	243581?	-0: 6	1: 5		9.64	9.67	375	94	333	2104	3.0L	701.333
10	673	78	16:14:31	-57:48:22	243583	-0: 8	0:12	B8	7.84	7.61	375	94	333	2104	3.0L	701.333
11	673	78	16:14:31	-57:48:22	243584?	-0:10	1: 0		8.81	8.50	375	94	333	2104	3.0L	701.333
12	675	76	16:14:34	-57:47:47	243563?	0:20	-3:37	A0	9.78	9.65	112	89	37	3802 H	4.1C	927.317
13	675	76	16:14:34	-57:47:47	243571?	0: 5	1:16	B8	9.42	9.29	112	89	37	3802 H	4.1C	927.317
14	675	76	16:14:34	-57:47:47	243581?	-0: 4	1:41		9.64	9.67	112	89	37	3802 H	4.1C	927.317
15	675	76	16:14:34	-57:47:47	243583	-0: 6	0:48	B8	7.84	7.61	112	89	37	3802 H	4.1C	927.317
16	675	76	16:14:34	-57:47:47	243584?	-0: 7	1:36		8.81	8.50	112	89	37	3802 H	4.1C	927.317
17	677	72	16:14:36	-57:47: 2	243563?	0:22	-2:52	A0	9.78	9.65	83	60	29	2046 H	3.0C	682.000
18	677	72	16:14:36	-57:47: 2	243571?	0: 8	2: 1	B8	9.42	9.29	83	60	29	2046 H	3.0C	682.000
19	677	72	16:14:36	-57:47: 2	243581?	-0: 2	2:26		9.64	9.67	83	60	29	2046	3.0C	682.000
20	677	72	16:14:36	-57:47: 2	243583	-0: 4	1:33	B8	7.84	7.61	83	60	29	2046 H	3.0C	682.000
21	677	72	16:14:36	-57:47: 2	243584?	-0: 5	2:21		8.81	8.50	83	60	29	2046	3.0C	682.000
22	677	72	16:14:36	-57:47: 2	243605?	-0:33	-0:40	B5	9.28	9.03	83	60	29	2046	3.0C	682.000
23	934	274	16:14:37	-64:28:52	NO						54	9	30	194	4.1C	47.317
24	680	84	16:14:40	-57:59:47	243582	0: 2	1: 2	B8	8.63	8.29	349	13	330	1997L	3.0L	66.333
25	797	172	16:14:45	-61: 0:13	253503	-0:40	0:37	B8	9.00	8.67	59	10	30	255 L	4.1C	62.195
26	671	80	16:14:46	-57:46:39	243571?	0:18	2:24	B8	9.42	9.29	169	14	142	324	1.0L	324.000
27	671	80	16:14:46	-57:46:39	243581?	0: 9	2:49		9.64	9.67	169	14	142	324	1.0L	324.000
28	671	80	16:14:46	-57:46:39	243583	0: 7	1:55	B8	7.84	7.61	169	14	142	324	1.0L	324.000
29	671	80	16:14:46	-57:46:39	243584?	0: 5	2:44		8.81	8.50	169	14	142	324	1.0L	324.000
30	671	80	16:14:46	-57:46:39	243605?	-0:22	-0:18	B5	9.28	9.03	169	14	142	324	1.0L	324.000
31	671	80	16:14:46	-57:46:39	243612?	-0:29	-0:45	B8	9.11	9.83	169	14	142	324	1.0L	324.000
32	794	174	16:14:54	-60:59:49	253503	-0:31	1: 2	B8	9.00	8.67	293	8	266	188 L	3.0L	62.667
33	880	239	16:15:18	-63:10:21	253498	0:10	1: 4	A5	9.30	9.29	51	4	28	89	4.1C	21.707
34	812	189	16:15:27	-61:28: 1	253507	-0:34	1:15	B8	8.92	8.55	58	16	30	396	4.1C	94.146
35	809	190	16:15:28	-61:26:53	253507	-0:33	2:23	B8	8.92	8.55	298	8	266	160 L	3.0L	53.333
36	689	180	16:16: 5	-58:20:25	243647	-0:10	-0:10	B8	8.70	8.22	67	13	35	335 L	4.1C	81.707
37	688	103	16:16: 6	-58:22:43	243647	-0: 9	-2:27	B9	8.70	8.22	336	7	316	119 L	3.0L	39.667
38	688	103	16:16: 6	-58:22:43	243648?	-0:13	4:22	A0	9.92	9.78	336	7	316	119	3.0L	39.667
39	673	112	16:18:12	-58:12:39	243679?	0:55	3:26	A2	9.43	9.48	163	7	130	189 H	1.0L	189.000
40	739	163	16:18:37	-59:58:44	243711	-0: 6	-0:47	A0	9.19	8.91	302	4	278	91 L	3.0L	30.333
41	742	165	16:19: 4	-60: 2: 3	243711?	0:20	-4: 5	A0	9.19	8.91	59	12	30	297	4.1C	72.439
42	742	165	16:19: 4	-60: 2: 3	253529?	-0: 6	-1:51	A2	9.20	9.17	59	12	30	297	4.1C	72.439
43	742	165	16:19: 4	-60: 2: 3	253530?	-0:15	-0:45	A0	9.03	8.59	59	12	30	297	4.1C	72.439
44	714	153	16:19:40	-59:26:28	243738	-0:11	0:11	B8	9.40	9.03	308	14	279	327	3.0L	109.000
45	555	39	16:19:42	-55:19:52	243741	-0:18	0:26	B5	7.74	7.40	440	40	362	400 L	3.0L	133.300
46	717	152	16:19:42	-59:27:43	243738	-0: 8	-1: 4	B8	9.40	9.03	62	12	31	301	4.1C	73.415
47	553	41	16:19:49	-55:19: 4	243741	-0:10	1:14	B5	7.74	7.40	195	29	149	889	1.0L	889.000
48	559	33	16:19:49	-55:20:19	243741	-0:10	-0: 2	B5	7.74	7.40	122	47	34	2174	3.0C	724.667
49	557	37	16:19:54	-55:20: 5	243741	-0: 5	0:12	B5	7.74	7.40	180	63	35?	4244 H	4.1C	1035.024
50	856	255	16:19:57	-62:59: 5	253532	0:23	-0:19	A2	9.70	9.52	51	5	27	110 H	4.1C	26.829
51	523	23	16:19:59	-54:33:57	243750	-0:24	2:41	B3	8.08	.00	175	10?	156?	160 L	1.0L	160.000
52	547	32	16:19:59	-55: 5:37	243748	-0:16	0:38	B8	7.86	.00	93	37	38	1267	4.1C	309.024
53	549	28	16:20: 6	-55: 5:29	243748	-0: 9	0:46	B8	7.86	.00	67	20	29	581 L	3.0C	193.667
54	752	181	16:20: 7	-60:23:54	253536	-0:23	0: 7	B9	9.24	8.89	55	6	30	137 L	4.1C	33.415
55	528	17	16:20:19	-54:35:32	243750	-0: 4	1: 6	B3	8.08	.00	64	13	28	356 L	3.0C	118.667
56	526	22	16:20:27	-54:37: 1	243750	0: 4	-0:22	B3	8.08	.00	62	6	37	140 L	4.1C	34.146
57	562	62	16:22:15	-55:43:33	243793	0: 3	-1: 2	B8	8.08	7.87	74	20	38	532	4.1C	129.756
58	603	92	16:22:15	-56:47:28	243796	-0: 2	-1:11	B8	7.87	7.50	85	25	34	832	4.1C	202.927
59	600	94	16:22:16	-56:46:49	243796	-0: 0	-0:32	B8	7.87	7.50	348	5	322	115 L	3.0L	38.333
60	605	88	16:22:16	-56:46:36	243796	-0: 1	-0:19	B8	7.87	7.50	61	14	28	363 L	3.0C	121.000
61	713	174	16:22:18	-59:41:12	243798	-0: 5	-1:49	B9	8.66	8.31	320	20	271	658 H	3.0L	219.333
62	713	174	16:22:18	-59:41:12	243801?	-0:10	-1:15	B9	9.28	9.04	320	20	271	658	3.0L	219.333
63	713	174	16:22:18	-59:41:12	243805?	-0:17	-3:30	A0	9.80	9.45	320	20	271	658	3.0L	219.333
64	713	174	16:22:18	-59:41:12	243807?	-0:19	-1:58	B9	8.74	8.45	320	20	271	658	3.0L	219.333
65	564	58	16:22:18	-55:44:25	243793	0: 5	-1:54	B8	8.08	7.87	51	7	26	168 L	3.0C	53.333
66	712	175	16:22:21	-59:39:43	243798	-0: 1	-0:20	B9	8.66	8.31	145	6	118	146	1.0L	146.000
67	712	175	16:22:21	-59:39:43	243801?	-0: 7	0:15	B9	9.28	9.04	145	6	118	146	1.0L	146.000
68	712	175	16:22:21	-59:39:43	243805?	-0:14	-2: 1	A0	9.80	9.45	145	6	118	146	1.0L	146.000
69	712	175	16:22:21	-59:39:43	243807?	-0:16	-0:29	B9	8.74	8.45	145	6	118	146	1.0L	146.000
70	717	168	16:22:21	-59:39:52	243798?	-0: 2	-0:30	B9	8.66	8.31	84	23	26	842	3.0C	280.667
71	717	168	16:22:21	-59:39:52	243801?	-0: 8	0: 5	B9	9.28	9.04	84	23	26	842	3.0C	280.667
72	717	168	16:22:21	-59:39:52	243805?	-0:1.	-2:10	A0	9.80	9.45	84	23	26	842	3.0C	280.667
73	717	168	16:22:21	-59:39:52	243807?	-0:16	-0:38	B9	8.74	8.45	84	23	26	842	3.0C	280.667
74	715	172	16:22:23	-59:39:44	243798?	-0: 0	-0:21	B9	8.66	8.31	111	32	31	1394	4.1C	340.000
75	715	172	16:22:23	-59:39:44	243801?	-0: 6	0:13	B9	9.28	9.04	111	32	31	1394	4.1C	340.000
76	715	172	16:22:23	-59:39:44	243805?	-0:12	-2: 2	A0	9.80	9.45	111	32	31	1394	4.1C	340.000
77	715	172	16:22:23	-59:39:44	243807?	-0:15	-0:30	B9	8.74	8.45	111	32	31	1394	4.1C	340.000
78	705	163	16:22:44	-59:23:52	243806?	0: 7	4:38	B9	9.70	9.47	49	4	25	87	3.0C	29.000
79	705	163	16:22:44	-59:23:52	243808	-0: 6	-0:33	B9	8.75	8.37	49	4	25	87 L	3.0C	29.000
80	701	169	16:22:46	-59:24: 8	243806?	0: 9	4:21	B9	9.70	9.47	303	7	277	157	3.0L	52.333
81	701	169	16:22:46	-59:24: 8	243808	-0: 3	-0:50	B9	8.75	8.37	303	7	277	157 L	3.0L	52.333
82	703	167	16:22:46	-59:23:44	243806?	0: 9	4:46	B9	9.70	9.47	61	14	29	364	4.1C	88.780
83	703	167	16:22:46	-59:23:44	243808	-0: 4	-0:25	B9	8.75	8.37	61	14	29	364	4.1C	88.780
84	570	83	16:23:19	-56: 7:53	243819	-0: 3	1:27	B9	10.10	9.93	344	6	316	147?	3.0L	49.000
85	714	185	16:23:35	-59:49: 2	243825?	0: 0	-4:48	A0	8.88	8.63	291	6	272	102	3.0L	34.000
86	714	185	16:23:35	-59:49: 2	243834	-0:20	0: 2	B9	8.64	8.25	291	6	272	102 L	3.0L	34.000
87	716	184	16:23:43	-59:49:19	243825?	0: 7	-5: 5	A0	8.88	8.63	62	10	29	259	4.1C	63.171
88	716	184	16:23:43	-59:49:19	243834	-0:13	-0:15	B9	8.64	8.25	62	10	29	259	4.1C	63.171
89	661	151	16:23:56	-58:38:30	243836	-0: 5	-1:12	B9	5.78	.00	382	51	282	2412 L	3.0L	804.000
90	661	151	16:23:56	-58:30:30	243838?	-0: 7	3:29	A5	9.70	9.76	382	51	282	2412	3.0L	804.000
91	663	149	16:23:57	-58:30: 8	243836	-0: 4	-0:50	B9	5.78	.00	219	51	32	3731	4.1C	910.000
92	663	149	16:23:57	-58:30: 8	243838?	-0: 6	3:51	A5	9.70	9.76	219	51	32	3731 H	4.1C	910.000
93	560	87	16:23:59	-56: 8:25	243835?	-0: 1	-5:58	A5	9.10	9.25	344	5	317	1157H	3.0L	38.333
94	606	114	16:23:60	-57: 6:13	243840	-0: 8	-0:12	A0	7.84	7.43	332	6	302	162 L	3.0L	54.000
95	665	146	16:24: 3	-58:30:56	243836	0: 1	-1:38	B9	5.78	.00	177	46	25	2931	3.0C	977.000
96	665	146	16:24: 3	-58:30:56	243838?	-0: 1	3: 3	A5	9.70	9.76	177	46	25	2931	3.0C	977.000
97	660	153	16:24: 7	-58:29:39	243836	0: 5	-0:21	B9	5.78	.00	176	25	120	882	1.0L	882.000
98	660	153	16:24: 7	-58:29:39	243838?	0: 3	4:20	A5	9.70	9.76	176	25	120	882	1.0L	882.000
99	608	113	16:24:10	-57: 6:32	243840	0: 2	-0:38	A0	7.84	7.43	67	8	37	204 L	4.1C	49.756
100	488	32	16:24:12	-54: 1:52	243851?	-0:23	-0:42	A5	9.32	9.45	64	6	38	149	4.1C	36.341

NORMA RA 17:24 DEC -59:04

OBJECT NO.	X	Y	R.A.	DEC.	SAO NO.	Δ R.A.	Δ DEC.	SPEC. TYPE	V MAG.	P MAG.	PEAK DEN.	NO. OF POINTS	BG	DENSITY VOLUME	EXP.& FILTER	DEN.VOL/ EXP.
101	468	32	16:24:12	-54: 1:52	243853	-0:26	3:38	B8	9.07	8.80	64	6	38	149 L	4.1C	36.341
102	961	358	16:24:20	-65:56:28	NO						248	42	211	1164	3.0L	388.000
103	575	92	16:24:24	-56:17:20	243844	0: 3	-0: 7	B5	8.63	8.49	58	6	33	137 L	4.1C	33.415
104	963	358	16:24:27	-65:57:24	NO						78	39	307	1204	4.1C	293.659
105	630	136	16:24:34	-57:47:42	243850	0: 2	-0: 2	B3	8.87	8.59	340	21	295	651	3.0L	217.000
106	965	354	16:24:39	-65:56:24	NO						61	15	29	391	3.0C	130.333
107	635	130	16:24:41	-57:48: 9	243850	0: 9	-0:29	B3	8.87	8.59	79	22	25	769	3.0C	256.333
108	635	130	16:24:41	-57:48: 9	243862?	-0:28	3:27	A0	9.94	9.95	79	22	25	769	3.0C	256.333
109	601	107	16:24:43	-56:56:30	243847	0:16	1:58	B9	9.40	9.29	59	6	25	173	3.0C	57.667
110	633	134	16:24:44	-57:48: 1	243850	0:12	-0:21	B3	8.87	8.59	104	30	31	1280	4.1C	312.195
111	633	134	16:24:44	-57:48: 1	243862?	-0:25	3:34	A0	9.94	9.95	104	30	31	1280	4.1C	312.195
112	599	112	16:24:47	-56:56:22	243847?	0:20	2: 6	B9	9.40	9.29	73	7	31	213	4.1C	51.951
113	889	323	16:26:12	-64:21:13	253586?	-0:50	0:44	B8	6.60	.00	286	40	221	1623 L	3.0L	541.000
114	891	322	16:26:12	-64:21:32	253586	-0:50	0:26	B8	6.60	.00	137	66	26	3269	4.1C	797.317
115	889	324	16:26:13	-64:20:45	253586?	-0:49	1:13	B8	6.60	.00	132	17	97	464 L	1.0L	464.000
116	893	318	16:26:15	-64:21:33	253586	-0:47	0:24	B8	6.60	.00	105	41	23	1820	3.0C	606.667
117	566	108	16:26:22	-56:20:55	243899	-0:31	2:19	B0	8.72	8.51	334	9	302	245 L	3.0L	81.667
118	569	110	16:26:51	-56:24:19	243899	-0: 2	-1: 5	B0	8.72	8.51	57	6	31	138 L	4.1C	33.659
119	797	266	16:26:52	-62:11:35	253588	-0:29	-0:34	B9	7.46	.00	282	22	236	706	3.0L	235.333
120	799	264	16:26:52	-62:10:12	253588	-0:28	0:49	B9	7.46	.00	100	27	30	1082	4.1C	263.902
121	801	261	16:27: 2	-62:10:55	253588	-0:19	0: 6	B9	7.46	.00	79	20	24	719	3.0C	239.667
122	543	100	16:27:10	-55:51:14	243905	-0: 8	-1:17	B9	8.01	7.77	346	30	308	706	3.0L	235.333
123	547	94	16:27:14	-55:50: 1	243905	-0: 4	-0: 4	B9	8.01	7.77	59	8	27	220 L	3.0C	73.333
124	545	98	16:27:19	-55:49:55	243905	0: 1	0: 3	B9	8.01	7.77	72	15	32	460	4.1C	112.195
125	778	259	16:27:59	-61:45:42	253595?	-0:31	-0:33	B9	8.48	8.00	69	14	28	420	4.1C	102.439
126	780	255	16:27:60	-61:45:44	253595?	-0:31	-0:34	B9	8.48	8.00	55	11	22	285	3.0C	95.000
127	782	264	16:28:22	-61:53:16	253599?	-0:31	-0:24	B8	.00	9.30	56	6	30	134 L	4.1C	32.683
128	948	376	16:29: 2	-65:54:58	NO						168	80	26	4916	4.1C	1199.024
129	950	372	16:29: 7	-65:54:56	NO						128	63	22	3379	3.0C	1126.333
130	946	378	16:29:15	-65:55:16	NO						303	86	210	3921	3.0L	1307.000
131	946	379	16:29:19	-65:54:45	NO						135	35	92	1104	1.0L	1104.000
132	774	267	16:30:15	-61:48:19	253613	-0:30	-0:51	B8	9.50	9.04	53	6	23	154	3.0C	51.333
133	771	271	16:30:20	-61:47:15	253613	-0:25	0:13	B8	9.50	9.04	69	14	27	432 H	4.1C	105.366
134	769	273	16:30:24	-61:47:29	253613	-0:20	-0: 1	B8	9.50	9.04	267	5	241	104 L	3.0L	34.667
135	838	324	16:31:24	-63:32:27	253621	-0:39	-1:13	B9	8.72	8.29	249	4	224	94 L	3.0L	31.333
136	436	64	16:31:25	-53:31:38	243965	0: 3	1: 3	B5	7.18	.00	453	136	323	7378	3.0L	2459.333
137	440	58	16:31:25	-53:31:33	243965	0: 3	1: 7	B5	7.18	.00	239	80	26	6370	3.0C	2123.333
138	438	61	16:31:25	-53:30:51	243965	0: 3	1:50	B5	7.18	.00	357	99	38	9668 H	4.1C	2358.049
139	839	322	16:31:28	-63:30: 6	253621	-0:35	1: 8	B9	8.72	8.29	61	11	25	307	4.1C	74.878
140	435	66	16:31:31	-53:30:37	243965	0: 9	2: 3	B5	7.18	.00	227	73	123	3658	1.0L	3658.000
141	841	319	16:31:39	-63:30:43	253621	-0:24	0:31	B9	8.72	8.29	46	4	22	95 L	3.0C	31.667
142	480	106	16:32:11	-54:45: 4	243981	-0: 9	1:19	B8	9.34	9.15	327	9	296	230?	3.0L	76.667
143	433	79	16:33: 7	-53:37:34	243996	-0:16	2:59	B8	8.16	7.94	344	11	313	253 L	3.0L	86.333
144	479	107	16:33:24	-54:43:58	243995?	0: 6	2:45	B8	9.10	8.84	86	36	27	1207	3.0C	402.333
145	479	107	16:33:24	-54:43:58	244003	-0:23	1:32	B8	7.82	7.40	86	36	27	1207	3.0C	402.333
146	435	79	16:33:28	-53:38:41	243996	0: 6	1:51	B8	8.16	7.94	66	14	33	358 L	4.1C	87.317
147	437	75	16:33:29	-53:39:21	243996	0: 7	1:12	B8	8.16	7.94	51	7	26	157 L	3.0C	52.333
148	477	111	16:33:30	-54:43:56	243995?	0:12	2:47	B8	9.10	8.84	109	48	31	2069 H	4.1C	504.634
149	477	111	16:33:30	-54:43:56	244003	-0:17	1:34	B8	7.82	7.40	109	48	31	2069 H	4.1C	504.634
150	477	111	16:33:30	-54:43:56	244007?	-0:39	-0:49	A0	9.46	9.29	109	48	31	2069 H	4.1C	504.634
151	473	115	16:33:35	-54:41:56	243995?	0:18	4:47	B8	9.10	8.84	139	4	116	89	1.0L	89.000
152	473	115	16:33:35	-54:41:56	244003	-0:12	3:34	B8	7.82	7.40	139	4	116	89 L	1.0L	89.000
153	473	115	16:33:35	-54:41:56	244007?	-0:34	1:11	A0	9.46	9.29	139	4	116	89	1.0L	89.000
154	474	114	16:33:36	-54:43:35	243995?	0:18	3: 8	B8	9.10	8.84	338	33	291	1068	3.0L	356.000
155	474	114	16:33:36	-54:43:35	244003	-0:11	1:55	B8	7.82	7.40	338	33	291	1068	3.0L	356.000
156	628	206	16:33:45	-58:33:29	244002	0: 2	-1:39	B8	7.52	7.03	210	40	31	2708 L	4.1C	660.488
157	625	209	16:33:47	-58:31:58	244002	0: 4	-0: 8	B8	7.52	7.03	169	18	115	633	1.0L	633.000
158	630	202	16:33:47	-58:32:24	244002	0: 4	-0:33	B8	7.52	7.03	170	33	25	1963	3.0C	654.333
159	625	208	16:33:50	-58:32:32	244002	0: 6	-0:41	B8	7.52	7.03	370	32	271	1535	3.0L	511.667
160	720	269	16:34: 8	-60:55: 1	253638	-0:19	-1:34	B5	6.24	.00	428	66	241	4957	3.0L	1652.333
161	722	268	16:34:13	-60:55:31	253638	-0:13	-2: 4	B5	6.24	.00	329	68	29	6262	4.1C	1527.317
162	720	271	16:34:15	-60:55: 5	253638	-0:11	-1:38	B5	6.24	.00	247	38	109	2225 L	1.0L	2225.000
163	724	264	16:34:18	-60:54:24	253638	-0: 9	-0:57	B5	6.24	.00	288	52	24	4554	3.0C	1518.000
164	581	177	16:34:23	-57:22:27	NO						73	11	24	384	3.0C	128.000
165	576	183	16:34:24	-57:22:33	NO						321	16	268	546	3.0L	182.000
166	579	181	16:34:27	-57:22:28	NO						95	19	30	731	4.1C	178.293
167	526	154	16:35: 3	-56: 7: 0	244022	0: 0	0:34	B8	8.78	8.41	59	9	29	222 L	4.1C	54.146
168	528	151	16:35: 6	-56: 7:37	244022	0: 3	-0: 3	B8	8.78	8.41	51	4	25	96 L	3.0C	32.000
169	375	62	16:35:18	-52:24:14	244024	0:11	-1:56	A0	7.46	.00	351	22	314	596	3.0L	198.667
170	375	62	16:35:18	-52:24:14	244027?	-0: 0	-4: 8	B9	8.98	8.64	351	22	314	596	3.0L	198.667
171	375	62	16:35:18	-52:24:14	244032?	-0:10	2: 2	B2	9.18	8.92	351	22	314	596	3.0L	198.667
172	371	60	16:35:28	-52:19:19	244024?	0:21	2:59	A0	7.46	.00	347	5	322	114?	3.0L	38.000
173	371	60	16:35:28	-52:19:19	244027	0: 9	0:47	B9	8.98	8.64	347	5	322	114?L	3.0L	38.000
174	553	179	16:35:31	-56:54:27	244037	-0: 4	-0:41	B9	6.80	.00	338	35	259	1587	3.0L	529.000
175	376	59	16:35:31	-52:23: 6	244024?	0:24	-0:48	A0	7.46	.00	78	43	35	1300	4.1C	317.073
176	376	59	16:35:31	-52:23: 6	244027	0:12	-3: 0	B9	8.98	8.64	78	43	35	1300 H	4.1C	317.073
177	376	59	16:35:31	-52:23: 6	244032?	0: 2	3:10	B2	9.18	8.92	78	43	35	1300	4.1C	317.073
178	553	181	16:35:35	-56:54:29	244037	0: 0	-0:43	B9	6.80	.00	147	14	109	405 L	1.0L	405.000
179	378	56	16:35:35	-52:22:40	244024	0:28	-0:21	A0	7.46	.00	51	15	27	327	3.0C	109.000
180	378	56	16:35:35	-52:22:40	244027?	0:16	-2:34	B9	8.98	8.64	51	15	27	327	3.0C	109.000
181	378	56	16:35:35	-52:22:40	244032?	0: 6	3:36	B2	9.18	8.92	51	15	27	327	3.0C	109.000
182	557	173	16:35:42	-56:53:54	244037	0: 7	-0: 8	B9	6.80	.00	126	26	25	1267	3.0C	422.333
183	784	311	16:35:44	-62:28:54	253648	-0:27	-1:28	B5	8.11	7.65	152	40	22	2163	3.0C	721.000
184	555	177	16:35:46	-56:53:55	244037	0:12	-0: 9	B9	6.80	.00	157	35	29	1906	4.1C	464.878
185	781	315	16:35:48	-62:27:55	253648	-0:22	-0:28	B5	8.11	7.65	196	63	28	3402	4.1C	829.756
186	780	318	16:35:49	-62:28:31	253648	-0:22	-1: 4	B5	8.11	7.65	165	26	99	1023	1.0L	1023.000
187	780	317	16:35:49	-62:29: 5	253648	-0:22	-1:39	B5	8.11	7.65	357	52	227	2747	3.0L	915.667
188	355	54	16:35:54	-51:57:23	244047	-0: 2	4: 0	B9	9.12	9.02	330	8	294	228?L	3.0L	76.000
189	844	355	16:35:57	-63:58:13	253652	-0:34	-0:46	A0	8.41	8.01	68	16	26	492	4.1C	120.000
190	842	357	16:36: 6	-63:58:19	253652	-0:25	-0:52	A0	8.41	8.01	239	4	215	92 L	3.0L	30.667
191	846	351	16:36: 6	-63:57: 2	253652	-0:26	0:24	A0	8.41	8.01	54	9	21	244	3.0C	81.333
192	880	379	16:36:20	-64:48:41							57	11	24	290?	4.1C	70.732
193	523	161	16:36:34	-56: 8:51	244056	-0: 5	-0:11	B8	8.36	8.00	61	8	24	235 L	3.0C	78.333
194	434	113	16:36:35	-54: 0:54	244053	-0: 1	1:30	B5	8.12	.00	403	64	286	3796 H	3.0L	1265.333
195	434	115	16:36:37	-54: 0:54	244053	0: 1	1:30	B5	8.12	.00	176	31	117	1096	1.0L	1096.000
196	437	111	16:36:37	-54: 1:57	244053	0: 1	0:27	B5	8.12	.00	218	58	31	4215 H	4.1C	1028.049
197	439	107	16:36:38	-54: 2:33	244053	0: 3	-0: 9	B5	8.12	.00	161	46	28	2701	3.0C	900.333
198	521	165	16:36:39	-56: 8:53	244056	-0: 0	-0:12	B8	8.36	8.00	80	15	29	506	4.1C	123.415
199	421	105	16:36:43	-53:41:27	244057	-0: 4	3:32	B8	9.60	9.45	319	6	290	147?	3.0L	49.000
200	340	54	16:36:54	-51:41:13	244061	-0:15	0:24		9.90	9.90	320	6	294	132?	3.0L	44.000

NORMA RA 17:24 DEC -59:04

OBJECT NO.	X	Y	R.A.	DEC.	SAO NO.	Δ R.A.	Δ DEC.	SPEC. TYPE	V MAG.	P MAG.	PEAK DEN.	NO. OF POINTS	BG	DENSITY VOLUME	EXP.& FILTER	DEN.VOL/ EXP.
201	542	190	16:37:40	-56:48:38	244069	-0: 5	-0: 7	B9	8.36	8.00	286	11	256	264 L	3.0L	88.000
202	546	184	16:37:47	-56:49:11	244069	0: 2	-0:40	B9	8.36	8.00	57	6	25	159 L	3.0C	53.000
203	544	188	16:37:51	-56:49:14	244069	0: 6	-0:43	B9	8.36	8.00	74	14	26	441	4.1C	107.361
204	986	451	16:38: 5	-67:22:10	253673	-0:13	-1:54	A0	6.32	.00	64	21	26	596 L	4.1C	145.366
205	984	452	16:38:10	-67:21:37	253673	-0: 7	-1:21	A0	6.32	.00	219	5	198	100 L	3.0L	33.333
206	497	168	16:38:12	-55:44:54	244080	-0:13	0: 2	A0	7.97	.00	324	33	269	1028 H	3.0L	342.667
207	988	447	16:38:12	-67:22: 0	253673	-0: 6	-1:44	A0	6.32	.00	49	9	23	207 L	3.0C	69.000
208	499	166	16:38:16	-55:44:55	244080	-0: 9	0: 2	A0	7.97	.00	118	24	29	1125 H	4.1C	274.390
209	496	170	16:38:19	-55:43:48	244080	-0: 6	1: 8	A0	7.97	.00	135	6	108	143	1.0L	143.000
210	500	163	16:38:28	-55:43:17	244080	0: 2	1:40	A0	7.97	.00	87	18	24	733	3.0C	244.333
211	604	231	16:38:45	-58:22:54	244084	-0: 4	-0:18	B8	8.20	7.82	71	10	30	302 L	4.1C	73.659
212	682	272	16:38:51	-60:15:56	253676	-0: 6	-1:22	B9	9.60	9.07	53	4	23	107	3.0C	35.667
213	680	276	16:38:52	-60:16: 2	253676	-0: 5	-1:29	B9	9.60	9.07	69	9	27	277	4.1C	67.561
214	678	278	16:38:55	-60:16: 2	253676	-0: 3	-1:29	B9	9.60	9.07	264	5	236	124	3.0L	41.333
215	606	228	16:38:59	-58:24: 2	244084	0:10	-1:26	B8	8.20	7.82	54	5	24	129 L	3.0C	43.000
216	415	119	16:39: 1	-53:42:18	244089	-0: 6	1:46	B5	8.85	8.72	56	4	31	94 L	4.1C	22.927
217	483	181	16:40:45	-55:36:48	244108	-0:11	0:50	B8	8.03	7.60	308	16	258	560 L	3.0L	186.667
218	484	179	16:40:54	-55:35:46	244108	-0: 3	1:52	B8	8.03	7.60	97	19	28	791	4.1C	192.927
219	486	176	16:40:56	-55:36:17	244108	-0: 0	1:21	B8	8.03	7.60	75	13	24	466 L	3.0C	155.333
220	685	289	16:40:58	-60:29: 3	253684?	0:27	1:56	A0	8.68	8.49	195	36	25	2289	3.0C	763.000
221	685	289	16:40:58	-60:29: 3	253686	-0: 5	-0:44	B8	7.62	.00	195	36	25	2289 H	3.0C	763.000
222	683	293	16:40:59	-60:29:11	253684?	0:28	1:48	A0	8.68	8.49	231	43	30	3059 H	4.1C	746.098
223	683	293	16:40:59	-60:29:11	253686	-0: 4	-0:52	B8	7.62	.00	231	43	30	3059 H	4.1C	746.098
224	681	296	16:40:60	-60:28:30	253684?	0:29	2:29	A0	8.68	8.49	198	27	102	1278 H	1.0L	1278.000
225	681	296	16:40:00	-60:28:30	253686	-0: 3	-0:11	B8	7.62	.00	198	27	102	1278 H	1.0L	1278.000
226	681	295	16:41: 1	-60:29: 8	253684?	0:30	1:51	A0	8.68	8.49	384	42	232	2617	3.0L	872.333
227	681	295	16:41: 1	-60:29: 8	253686?	-0: 1	-0:49	B8	7.62	.00	384	42	232	2617	3.0L	872.333
228	728	320	16:41: 3	-61:35:34	253697	-0:24	-1:15	A0	7.00	.00	67	8	27	245 L	4.1C	59.756
229	613	255	16:41:11	-58:47:58	244113	-0: 3	0:45	B8	9.50	9.17	61	4	34	100	4.1C	24.390
230	730	316	16:41:12	-61:36: 1	253687	-0:15	-1:43	A0	7.00	.00	52	6	21	161 L	3.0C	53.667
231	963	457	16:41:29	-67: 2:22	253688	-0: 8	-1:14	A0	5.30	.00	337	117	25	11919 H	4.1C	2907.073
232	962	459	16:41:32	-67: 2:11	253688	-0: 5	-1: 3	A0	5.30	.00	181	71	85	3382	1.0L	3382.000
233	961	458	16:41:34	-67: 1:45	253688	-0: 3	-0:37	A0	5.30	.00	388	105	195	8017	3.0L	2672.333
234	965	453	16:41:36	-67: 2:10	253688	-0: 1	-1: 2	A0	5.30	.00	261	108	22	8694	3.0C	2898.000
235	532	214	16:41:51	-56:51:47	244121	-0: 1	0:21	B8	9.27	9.16	55	4	27	106 L	4.1C	25.854
236	625	268	16:42: 1	-59:10:10							57	4	29	98?	4.1C	23.902
237	592	265	16:42:10	-58:24:28	244122	0: 6	0:19	B3	5.94	.00	405	63	108	5835 L	1.0L	5835.000
238	596	246	16:42:11	-58:25: 5	244122	0: 7	-0:18	B3	5.94	.00	379	90	27	8669	3.0C	2889.667
239	594	252	16:42:14	-58:25:13	244122	0:10	-0:26	B3	5.94	.00	405	121	32	13481	4.1C	3288.049
240	696	312	16:42:15	-60:57: 3	253693	-0:13	-1:56	B9	8.68	8.31	256	8	222	220 L	3.0L	73.333
241	584	250	16:42:16	-58:13:53	NO						293	10	255	282	3.0L	94.000
242	697	310	16:42:17	-60:56: 2	253693	-0:11	-0:55	B9	8.68	8.31	65	9	28	254	4.1C	61.951
243	591	254	16:42:18	-58:24: 1	244122	0:14	0:46	B3	5.94	.00	459	100	247	10042	3.0L	3347.333
244	587	244	16:42:19	-58:12:44	244111	1: 9	0:33	B8	9.88	9.59	66	10	28	272	3.0C	90.667
245	699	307	16:42:25	-60:56:29	253693	-0: 3	-1:22	B9	8.68	8.31	54	4	26	101 L	3.0C	33.667
246	583	253	16:42:35	-58:13:18	244133?	-0:29	1:47	B0	5.76	.00	143	6	108	165	1.0L	165.000
247	544	228	16:42:47	-57:14:31	244129	0: 6	0:32	B9	9.64	9.32	57	4	28	101	4.1C	24.634
248	638	285	16:43: 0	-59:35:40	244130?	0: 6	5: 7	A0	9.90	9.73	277	9	238	251	3.0L	83.667
249	638	285	16:43: 0	-59:35:40	244134	-0: 4	-0:52	B9	7.33	.00	277	9	238	251 L	3.0L	83.667
250	582	257	16:43: 4	-58:14: 0	244133	0: 1	1: 6	B0	5.76	.00	419	119	106	10084 L	1.0L	10084.000
251	639	283	16:43: 4	-59:34:40	244134	0: 0	0: 8	B9	7.33	.00	97	17	30	651	4.1C	158.780
252	582	256	16:43: 7	-58:14:40	244133	0: 4	0:27	B0	5.76	.00	465	194	242	16293	3.0L	5431.000
253	530	224	16:43: 8	-56:56: 4	244137	-0: 1	0:40	B8	8.96	8.77	55	5	27	121 L	4.1C	29.512
254	641	280	16:43:10	-59:35: 6	244134	0: 7	-0:18	B9	7.33	.00	73	12	26	381 L	3.0C	127.000
255	548	234	16:43:10	-57:21:55	244136	0: 2	0:22	B8	7.77	7.50	57	6	27	153 L	4.1C	37.317
256	586	250	16:43:13	-58:15:14	244133	0:10	-0: 7	B0	5.76	.00	407	132	27	14379	3.0C	4793.000
257	584	254	16:43:17	-58:15:23	244133	0:13	-0:16	B0	5.76	.00	426	161	31	17048 L	4.1C	4156.585
258	521	222	16:44:12	-56:43:50	NO						55	5	23	127	3.0C	42.333
259	710	326	16:44:15	-61:19:26	253705	-0:11	-1:25	A0	7.86	.00	57	6	24	156 L	3.0C	52.000
260	519	227	16:44:20	-56:45:41	NO						59	4	27	113	4.1C	27.561
261	707	330	16:44:20	-61:18:31	253705	-0: 6	-0:30	A0	7.86	.00	74	12	28	362	4.1C	93.171
262	290	99	16:44:44	-51:15:38	244152	0:13	-2:60		9.80	9.90	293	6	273	1057	3.0L	35.000
263	354	140	16:44:46	-52:49:44	244158	-0:10	1:28	B8	7.04	.00	368	81	258	3929 H	3.0L	1309.667
264	356	137	16:44:46	-52:49:20	244158	-0:10	1:52	B8	7.04	.00	168	54	28	3651 H	4.1C	890.488
265	353	143	16:44:58	-52:49: 5	244158	0: 2	2: 7	B9	7.04	.00	146	38	180	952	1.0L	952.000
266	358	134	16:44:58	-52:49:15	244158	0: 1	1:57	B8	7.04	.00	141	44	23	2422	3.0C	807.333
267	291	115	16:46:15	-51:25:43	244177?	-0: 9	2:43		9.60	10.20	298	15	264	399	3.0L	133.000
268	291	115	16:46:15	-51:25:43	244184	-0:21	1:59	B9	7.99	.00	298	15	264	399 L	3.0L	133.000
269	294	110	16:46:34	-51:25:49	244177?	0:10	2:37		9.60	10.20	54	14	25	331	3.0C	110.333
270	294	110	16:46:34	-51:25:49	244184	-0: 2	1:53	B8	7.99	.00	54	14	25	331 L	3.0C	110.333
271	292	113	16:46:35	-51:25:24	244177?	0:11	3: 2		9.60	10.20	72	26	29	785	4.1C	191.463
272	292	113	16:46:35	-51:25:24	244184	-0: 1	2:18	B8	7.99	.00	72	26	29	785	4.1C	191.463
273	292	113	16:46:35	-51:25:24	244203?	-1: 0	-2:56		9.50	9.80	72	26	29	785	4.1C	191.463
274	460	214	16:46:35	-55:30:21	244186	-0: 6	1:40	B9	8.88	8.57	79	13	27	440	4.1C	107.317
275	458	217	16:46:38	-55:30:43	244186	-0: 3	1:18	B9	8.88	8.57	279	10	246	280 L	3.0L	93.333
276	434	195	16:46:39	-54:49:53	244187	-0: 9	1: 4	B8	9.04	8.73	62	9	23	264	3.0C	88.000
277	871	438	16:46:40	-65:17:27	253717	-0:22	-0: 0	B8	6.30	.00	330	50	200	3193	3.0L	1064.333
278	871	439	16:46:42	-65:16:46	253717	-0:20	0:41	B8	6.30	.00	156	32	90	1233	1.0L	1233.000
279	872	437	16:46:44	-65:17: 7	253717	-0:18	0:21	B8	6.30	.00	224	62	26	4585	4.1C	1113.415
280	462	211	16:46:45	-55:31:20	244186	0: 4	0:41	B9	8.88	8.57	59	10	22	286	3.0C	95.333
281	432	199	16:46:46	-54:50: 4	244187	-0: 3	0:53	B8	9.04	8.73	75	12	28	402	4.1C	98.049
282	874	433	16:46:48	-65:16:51	253717	-0:14	0:36	B8	6.30	.00	182	54	21	3475	3.0C	1158.333
283	429	202	16:46:52	-54:49:18	244187	0: 4	1:39	B9	9.04	8.73	285	13	247	370	3.0L	123.333
284	517	250	16:47:14	-56:56:52	244194	-0: 3	1: 9	B8	9.60	9.51	57	5	27	128	4.1C	31.220
285	519	246	16:47:22	-56:56: 8	244194	0: 5	1:54	B8	9.60	9.51	46	4	23	88 L	3.0C	29.333
286	501	241	16:47:50	-56:32:36	244206	-0: 3	1:42	B6	9.08	8.85	56	6	24	153 L	3.0C	51.000
287	522	262	16:47:52	-57: 8:56	NO						146	9	102	271	1.0L	271.000
288	537	265	16:47:52	-57:27:53	244208	-0: 3	1:55	B9	7.29	.00	185	34	30	2160	4.1C	526.829
289	535	269	16:47:54	-57:27:30	244208	-0: 1	2:18	B9	7.29	.00	182	24	100	1067 H	1.0L	1067.000
290	499	245	16:47:55	-56:32:48	244206	0: 1	1:30	B8	9.08	8.85	69	8	28	247	4.1C	60.244
291	522	261	16:47:56	-57: 9:39							327	13	240	6037	3.0L	201.000
292	535	268	16:47:58	-57:28:13	244208	0: 3	1:35	B9	7.29	.00	376	50	230	3047 H	3.0L	1015.667
293	398	191	16:48: 0	-54: 7:43	244215	-0:10	0:51	A0	9.20	9.17	58	7	27	184	4.1C	44.878
294	539	262	16:48: 4	-57:28:49	244208	0: 9	0:59	B9	7.29	.00	161	27	26	1517	3.0C	505.667
295	672	338	16:48: 9	-60:44:56	253724	-0:14	-0:54	A0	8.64	8.22	75	11	31	329	4.1C	80.244
296	670	340	16:48:12	-60:44:42	253724	-0:11	-0:40	A0	8.64	8.22	255	9	220	243	3.0L	81.000
297	674	334	16:48:13	-60:43:35	253724	-0:11	0:28	A0	8.64	8.22	58	6	26	151	3.0C	50.333
298	524	260	16:48:43	-57:10:19	NO						117	17	23	839	3.0C	279.667
299	522	264	16:48:48	-57:10:32	NO						132	16	27	840	4.1C	204.878
300	378	199	16:49:42	-53:50:13	244252	-0:14	1:54	B9	8.73	8.47	281	12	240	357	3.0L	119.000

NORMA RA 17:24 DEC -59:04

OBJECT NO.	X	Y	R.A.	DEC.	SAO NO.	Δ R.A.	Δ DEC.	SPEC. TYPE	V MAG.	P MAG.	PEAK DEN.	NO. OF POINTS	BG	DENSITY VOLUME	EXP.& FILTER	DEN.VOL/ EXP.
301	398	211	16:49:44	-54:19:49	244253	-0:16	1:35	B8	7.08	.00	345	32	241	1656	3.0L	552.000
302	398	213	16:49:46	-54:19:38	244253	-0:13	1:45	B8	7.08	.00	146	15	98	495 L	1.0L	495.000
303	380	197	16:49:48	-53:50:31	244252	-0: 7	1:37	B9	8.73	8.47	66	13	27	363	4.1C	88.537
304	382	193	16:49:49	-53:50:52	244252	-0: 6	1:16	B9	8.73	8.47	55	6	26	151 L	3.0C	50.333
305	400	208	16:49:54	-54:18:60	244253	-0: 6	2:24	B8	7.08	.00	185	37	27	2423	4.1C	590.976
306	402	205	16:49:55	-54:19:21	244253	-0: 4	2: 3	B8	7.08	.00	140	29	23	1548	3.0C	516.000
307	348	186	16:50:10	-53: 8:58	244261	-0:13	2:19	B8	8.40	8.05	273	10	243	243 L	3.0L	81.000
308	353	180	16:50:14	-53:10:44	244261	-0: 9	0:33	B8	8.40	8.05	51	7	23	170 L	3.0C	56.667
309	350	184	16:50:25	-53: 9:50	244261	0: 2	1:27	B8	8.40	8.05	67	14	27	418	4.1C	101.951
310	769	406	16:50:29	-63:12:41	253734	-0:15	-1:20	A0	6.14	.00	251	18	203	578 L	3.0L	192.667
311	773	401	16:50:33	-63:13:15	253734	-0:11	-1:53	A0	6.14	.00	80	15	21	568 L	3.0C	189.333
312	770	405	16:50:37	-63:12:25	253734	-0: 7	-1: 4	A0	6.14	.00	96	20	25	854 L	4.1C	208.293
313	769	408	16:50:39	-63:12:32	253734	-0: 5	-1:10	A0	6.14	.00	115	4	92	89 L	1.0L	89.000
314	306	167	16:50:41	-52:12:50	244264?	0: 9	2:39	A0	.00	10.20	275	17	241	457	3.0L	152.333
315	306	167	16:50:41	-52:12:50	244270	-0:17	0:46	B5	8.61	8.20	275	17	241	457 L	3.0L	152.333
316	534	286	16:50:46	-57:37: 6	244269	-0: 8	1: 6	B8	9.94	9.62	55	4	27	105	4.1C	25.610
317	310	161	16:50:53	-52:12:22	244270	-0: 5	1:13	B5	8.61	8.20	68	21	23	642	3.0C	214.000
318	308	164	16:50:53	-52:12: 2	244264?	0:22	3:26	A0	.00	10.20	92	27	27	1033 H	4.1C	251.951
319	308	164	16:50:53	-52:12: 2	244270	-0: 5	1:33	B5	8.61	8.20	92	27	27	1033	4.1C	251.951
320	696	376	16:51:34	-61:33:53	253740	-0:10	-0:12	A0	6.84	.00	255	8	219	226 L	3.0L	75.333
321	697	374	16:51:35	-61:33: 4	253740	-0:10	0:37	A0	6.84	.00	91	13	35	481 L	4.1C	117.317
322	633	345	16:51:39	-60: 5:29	253744	-0:13	-0:37	B9	8.12	.00	284	17	220	648	3.0L	216.000
323	700	370	16:51:39	-61:34:28	253740	-0: 6	-0:47	A0	6.84	.00	73	8	29	251 L	3.0C	83.667
324	634	343	16:51:42	-60: 4:41	253744	-0:10	0:11	B9	8.12	.00	116	20	28	901	4.1C	219.756
325	633	347	16:51:46	-60: 5:19	253744	-0: 6	-0:26	B9	8.12	.00	124	6	94	151	1.0L	151.000
326	636	340	16:51:58	-60: 5:32	253744	0: 6	-0:40	B9	8.12	.00	83	15	24	543	3.0C	181.000
327	710	386	16:52: 3	-61:55:15	253745	-0:15	-0:16	A0	8.74	8.41	244	6	214	146	3.0L	48.667
328	711	384	16:52: 3	-61:54:27	253745	-0:16	0:32	A0	8.74	8.41	80	10	34	322	4.1C	78.537
329	231	138	16:52: 7	-50:34: 7	244275?	0:34	-0:42	B5	9.00	8.90	194	78	94	3817	1.0L	3817.000
330	231	138	16:52: 7	-50:34: 7	244280	-0:10	1:38	B3	6.57	.00	194	78	94	3817	1.0L	3817.000
331	231	136	16:52:11	-50:33:15	244280	-0: 6	2:30	B3	6.57	.00	428	144	237	11689	3.0L	3896.333
332	235	129	16:52:12	-50:33:22	244275?	0:39	0: 2	B5	9.00	8.90	257	104	24	8719	3.0C	2906.333
333	235	129	16:52:12	-50:33:22	244280	-0: 5	2:23	B3	6.57	.00	257	104	24	8719 L	3.0C	2906.333
334	713	381	16:52:12	-61:54:43	253745	-0: 6	0:16	A0	8.74	8.41	59	4	29	115	3.0C	38.333
335	233	132	16:52:14	-50:33: 3	244280	-0: 3	2:42	B3	6.57	.00	360	124	29	12952	4.1C	3159.024
336	304	172	16:52:24	-52:12:16	244285	-0: 9	0: 1	A0	6.16	.00	194	53	25	3629	3.0C	1209.667
337	282	164	16:52:24	-51:44:15	244286	-0:10	1: 5	B8	9.08	.00	54	9	27	212 L	4.1C	51.707
338	302	175	16:52:24	-52:11:58	244285	-0: 8	0:19	A0	6.16	.00	260	66	27	5552 H	4.1C	1354.146
339	299	180	16:52:27	-52:10:48	244285	-0: 5	1:29	A0	6.16	.00	161	36	93	1386	1.0L	1386.000
340	299	178	16:52:27	-52:11: 2	244285	-0: 6	1:15	A0	6.16	.00	378	71	234	4317	3.0L	1439.000
341	280	168	16:52:30	-51:44:59	244286	-0: 5	0:22	B8	9.08	.00	260	14	231	355	3.0L	118.333
342	652	355	16:52:53	-60:31:26	253748	-0:10	-0: 6	B8	6.81	.00	234	49	28	3421	3.0C	1140.333
343	648	362	16:52:55	-60:30:38	253748	-0: 8	0:42	B8	6.81	.00	245	35	95	2083 H	1.0L	2083.000
344	648	361	16:52:57	-60:31:23	253748	-0: 6	-0: 3	B8	6.81	.00	410	69	213	4707 H	3.0L	1569.000
345	649	359	16:52:59	-60:30:37	253748	-0: 4	0:43	B8	6.81	.00	286	62	31	4955	4.1C	1208.537
346	446	265	16:53:15	-55:44:50	244297	-0:11	1:39	B5	8.32	8.01	293	17	229	617 L	3.0L	205.667
347	446	267	16:53:18	-55:44:36	244297	-0: 8	1:52	B5	8.32	8.01	125	5	96	123 L	1.0L	123.000
348	450	259	16:53:22	-55:45:29	244297	-0: 4	0:59	B5	8.32	8.01	91	16	22	621 L	3.0C	207.000
349	448	263	16:53:27	-55:45:46	244297	0: 1	0:43	B5	8.32	8.01	105	19	26	849	4.1C	207.073
350	355	223	16:53:38	-53:36:21	244307?	-0:18	9:26	A0	8.38	.00	129	5	91	141	1.0L	141.000
351	355	221	16:53:44	-53:37: 8	244307?	-0:12	8:39	A0	8.38	.00	297	8	227	3327	3.0L	110.667
352	577	332	16:53:45	-58:53:19	244303	-0: 2	1:38	B9	8.23	.00	275	17	221	576	3.0L	192.000
353	579	330	16:53:45	-58:53:41	244303	-0: 2	1:15	B9	8.23	.00	97	15	28	571	4.1C	139.268
354	364	218	16:53:48	-53:44:30	244307	-0: 8	1:17	A0	8.38	.00	52	8	20	208	3.0C	69.333
355	526	308	16:53:49	-57:40:38	244304/	-0: 2	0:55	B9	7.70	.00	361	42	222	2406 H	3.0L	802.000
356	526	308	16:53:49	-57:40:38	244306/	-0: 6	2: 3	B9	7.71	.00	361	42	222	2406 H	3.0L	802.000
357	526	310	16:53:50	-57:41:32	244304/	-0: 2	0: 0	B9	7.70	.00	171	19	97	779	1.0L	779.000
358	526	310	16:53:50	-57:41:32	244306/	-0: 5	1: 8	B9	7.71	.00	171	19	97	779	1.0L	779.000
359	577	334	16:53:51	-58:53: 6	244303	0: 3	1:51	B9	8.23	.00	121	4	96	90 L	1.0L	90.000
360	581	327	16:53:51	-58:53:56	244303	0: 3	1: 0	B9	8.23	.00	72	11	23	369	3.0C	123.000
361	527	306	16:53:55	-57:39:53	244304/	0: 4	1:40	B9	7.70	.00	195	34	28	2208	4.1C	538.537
362	527	306	16:53:55	-57:39:53	244306/	0: 0	2:47	B9	7.71	.00	195	34	28	2208	4.1C	538.537
363	530	302	16:53:56	-57:41:16	244304/	0: 4	0:16	B9	7.70	.00	143	28	22	1626	3.0C	542.000
364	530	302	16:53:56	-57:41:16	244306/	0: 1	1:24	B9	7.71	.00	143	28	22	1626	3.0C	542.000
365	654	363	16:53:57	-60:38:10	253754	-0: 4	-0:17	A0	8.93	8.55	56	4	29	100 L	3.0C	33.333
366	365	225	16:53:59	-53:49:14	244307/	0: 3	-3:27	A0	8.38	.00	96	42	24	1541	4.1C	375.854
367	365	225	16:53:59	-53:49:14	244311/	-0:16	1:25	A0	8.32	7.80	96	42	24	1541	4.1C	375.854
368	363	228	16:53:60	-53:49:23	244307/	0: 4	-3:36	A0	8.38	.00	280	30	225	949	3.0L	316.333
369	363	228	16:53:60	-53:49:23	244311/	-0:15	1:17	A0	8.32	7.80	280	30	225	949	3.0L	316.333
370	651	367	16:54: 3	-60:37:22	253754	0: 2	0:31	A0	8.93	8.55	68	9	33	257	4.1C	62.683
371	367	222	16:54: 7	-53:50: 3	244307/	0:12	-4:15	A0	8.38	.00	77	19	21	661	3.0C	220.333
372	367	222	16:54: 7	-53:50: 3	244311/	-0: 8	0:37	A0	8.32	7.80	77	19	21	661	3.0C	220.333
373	222	151	16:54:13	-50:32:56	244313	-0:13	0:56	B9	5.70	.00	323	77	225	3670	3.0L	1223.333
374	224	147	16:54:13	-50:31:10	244313	-0:13	2:42	B9	5.70	.00	157	72	26	4222	4.1C	1029.756
375	455	269	16:54:14	-55:56: 4	244312/	-0:10	1:32	B9	8.97	8.74	55	4	22	124 L	3.0C	41.333
376	455	269	16:54:14	-55:56: 4	244315/	-0:14	-1:15	K5	3.06	.00	55	4	22	124	3.0C	41.333
377	451	275	16:54:15	-55:55:57	244312	-0: 9	1:39	B9	8.97	8.74	266	11	226	331	3.0L	110.333
378	221	153	16:54:16	-50:31:33	244313	-0:10	2:19	B9	5.70	.00	126	25	90	673 L	1.0L	673.000
379	226	144	16:54:18	-50:31:58	244313	-0: 8	1:54	B9	5.70	.00	118	53	25	2509	3.0C	836.333
380	452	273	16:54:23	-55:55:14	244312	-0: 1	2:22	B9	8.97	8.74	71	11	26	352	4.1C	85.854
381	452	273	16:54:23	-55:55:14	244315?	-0: 5	-0:25	K5	3.06	.00	71	11	26	352	4.1C	85.854
382	512	309	16:55:22	-57:24:34	244323	0: 7	2:20	B8	9.10	8.86	59	6	26	164 L	4.1C	40.000
383	563	348	16:56:40	-58:45:26	244353	-0: 7	1:11	B8	7.71	7.30	170	32	95	1292 H	1.0L	1292.000
384	465	302	16:56:48	-56:27: 3	244356	-0: 8	1:50	B9	6.55	.00	346	27	224	1563 L	3.0L	521.000
385	465	304	16:56:52	-56:26:47	244356	-0: 4	2: 8	B9	6.55	.00	182	16	97	605	1.0L	605.000
386	469	296	16:56:55	-56:27:44	244356	-0: 1	1: 9	B9	6.55	.00	142	24	23	1353 L	3.0C	451.000
387	467	300	16:56:60	-56:28: 4	244356	0: 4	0:49	B9	6.55	.00	167	33	26	1938	4.1C	472.683
388	567	351	16:57:27	-58:52:13	244362	0: 1	0:55	B0	6.32	.00	409	192	28	18959	4.1C	4624.146
389	567	351	16:57:27	-58:52:13	244367?	-0: 8	4:49	A	8.84	8.49	409	192	28	18959	4.1C	4624.146
390	566	355	16:57:29	-58:52:37	244362	0: 2	0:31	B0	6.32	.00	389	88	97	7206	1.0L	7206.000
391	566	355	16:57:29	-58:52:37	244367?	-0: 7	4:25	A	8.84	8.49	389	88	97	7206	1.0L	7206.000
392	570	348	16:57:29	-58:53:32	244362	0: 2	-0:24	B0	6.32	.00	374	159	25	14218	3.0C	4739.333
393	570	348	16:57:29	-58:53:32	244363?	-0: 4	4:59	B9	7.65	.00	374	159	25	14218	3.0C	4739.333
394	570	348	16:57:29	-58:53:32	244367?	-0: 7	3:29	A	8.84	8.49	374	159	25	14218	3.0C	4739.333
395	566	354	16:57:32	-58:53:25	244362	0: 5	-0:17	B0	6.32	.00	457	192	212	17123	3.0L	5707.667
396	566	354	16:57:32	-58:53:25	244363?	-0: 1	5: 6	B9	7.65	.00	457	192	212	17123	3.0L	5707.667
397	566	354	16:57:32	-58:53:25	244367?	-0: 4	3:36	A	8.84	8.49	457	192	212	17123	3.0L	5707.667
398	355	252	16:57:43	-53:52:32	244371	-0:12	1:38	B8	8.75	8.53	77	15	26	494	4.1C	120.488
399	353	255	16:57:44	-53:52:35	244371	-0:11	1:35	B8	8.75	8.53	253	9	221	234 L	3.0L	78.000
400	357	249	16:57:52	-53:53:16	244371	-0: 4	0:54	B8	8.75	8.53	59	9	21	262 L	3.0C	87.333

NORMA RA 17:24 DEC -59:04

OBJECT NO.	X	Y	R.A.	DEC.	SAO NO.	Δ R.A.	Δ DEC.	SPEC. TYPE	V MAG.	P MAG.	PEAK DEN.	NO. OF POINTS	BG	DENSITY VOLUME	EXP.& FILTER	DEN.VOL/ EXP.
401	854	500	16:59:12	-65:35:23							52	7	25	162?	4.1C	39.512
402	366	271	16:59:26	-54:16:11	244392	-0: 2	1: 2	B8	8.49	8.25	54	5	25	129 L	4.1C	31.463
403	275	231	16:59:41	-52:13:19	244390/	0:18	1:28	B8	9.30	9.14	261	22	215	687 H	3.0L	229.000
404	275	231	16:59:41	-52:13:19	244396/	-0:16	-0: 3	B5	9.27	9.05	261	22	215	687	3.0L	229.000
405	277	228	16:59:42	-52:13:21	244390/	0:19	1:27	B8	9.30	9.14	72	23	26	710	4.1C	173.171
406	277	228	16:59:42	-52:13:21	244396/	-0:15	-0: 4	B5	9.27	9.05	72	23	26	710	4.1C	173.171
407	279	225	16:59:49	-52:14: 1	244390/	0:26	0:46	B8	9.30	9.14	55	12	21	326	3.0C	108.667
408	279	225	16:59:49	-52:14: 1	244396/	-0: 8	-0:45	B5	9.27	9.05	55	12	21	326	3.0C	108.667
409	222	204	16:59:55	-51: 0:37	244398?	-0:11	0: 9	B8	9.50	.00	311	60	212	3035	3.0L	1011.667
410	222	204	16:59:55	-51: 0:37	244399?	-0:11	0:20	B8	9.50	10.90	311	60	212	3035	3.0L	1011.667
411	222	204	16:59:55	-51: 0:37	244400	-0:12	0:13	B8	8.74	.00	311	60	212	3035 H	3.0L	1011.667
412	226	198	16:59:56	-51: 0:48	244393?	0:24	7: 9	A3	7.90	.00	114	47	21	2272 H	3.0C	757.333
413	226	198	16:59:56	-51: 0:48	244398/	-0: 9	-0: 2	B8	9.50	.00	114	47	21	2272 H	3.0C	757.333
414	226	198	16:59:56	-51: 0:48	244399/	-0:10	0: 9	B8	9.50	10.90	114	47	21	2272 H	3.0C	757.333
415	226	198	16:59:56	-51: 0:48	244400/	-0:11	0: 2	B8	8.74	.00	114	47	21	2272 H	3.0C	757.333
416	224	201	16:59:58	-51: 0:39	244398/	-0: 8	0: 7	B8	9.50	.00	149	60	25	3393	4.1C	827.561
417	224	201	16:59:58	-51: 0:39	244399/	-0: 9	0:18	B8	9.50	10.90	149	60	25	3393	4.1C	827.561
418	224	201	16:59:58	-51: 0:39	244400/	-0:10	0:11	B8	8.74	.00	149	60	25	3393	4.1C	827.561
419	221	207	17: 0: 2	-51: 0:47	244398?	-0: 3	-0: 1	B8	9.50	.00	128	29	87	840	1.0L	840.000
420	221	207	17: 0: 2	-51: 0:47	244399?	-0: 4	0:10	B8	9.50	10.90	128	29	87	840	1.0L	840.000
421	221	207	17: 0: 2	-51: 0:47	244400	-0: 5	0: 3	B8	8.74	.00	128	29	87	840 H	1.0L	840.000
422	505	345	17: 0: 7	-57:36:43	244401	-0: 1	1:50	B3	6.88	.00	432	96	224	6506 L	3.0L	2168.667
423	507	343	17: 0: 9	-57:37:16	244401	0: 1	1:17	B3	6.88	.00	392	116	29	10499	4.1C	2560.732
424	505	347	17: 0:12	-57:38:24	244401	0: 3	2: 9	B3	6.88	.00	354	53	95	4173 L	1.0L	4173.000
425	509	339	17: 0:14	-57:37:24	244401	0: 5	1: 9	B3	6.88	.00	343	85	32	7006 L	3.0C	2335.333
426	557	372	17: 0:27	-58:50:49	244406	-0: 5	1:36	B8	8.44	8.00	126	8	90	224	1.0L	224.000
427	557	371	17: 0:30	-58:51:39	244406	-0: 2	0:46	B8	8.44	8.00	276	21	206	820	3.0L	273.333
428	558	369	17: 0:34	-58:51: 3	244406	0: 2	1:22	B8	8.44	8.00	99	19	25	803	4.1C	195.854
429	233	217	17: 0:35	-51:19:44	244405?	0: 5	-1:19		9.80	9.60	248	22	211	613	3.0L	204.333
430	233	217	17: 0:35	-51:19:44	244409	-0:15	0:37	B3	9.00	8.60	248	22	211	613	3.0L	204.333
431	561	365	17: 0:36	-58:52:20	244406	0: 4	0: 5	B8	8.44	8.00	83	13	22	479	3.0C	159.667
432	238	211	17: 0:43	-51:20:26	244405?	0:13	-2: 1		9.80	9.60	47	5	23	115	3.0C	38.333
433	238	211	17: 0:43	-51:20:26	244409	-0: 6	-0: 5	B3	9.00	8.60	47	5	23	115 L	3.0C	38.333
434	235	214	17: 0:44	-51:20:18	244405/	0:14	-1:53		9.80	9.60	61	16	26	449	4.1C	109.512
435	235	214	17: 0:44	-51:20:18	244409/	-0: 5	0: 4	B3	9.00	8.60	61	16	26	449	4.1C	109.512
436	258	241	17: 1:52	-51:59:10	244433	-0:16	-0: 4	B9	9.23	8.96	235	7	208	169	3.0L	56.333
437	259	238	17: 1:57	-51:58: 7	244433	-0:11	0:60	B9	9.23	8.96	53	7	25	157	4.1C	40.732
438	275	252	17: 2: 6	-52:24:40	244432/	-0: 0	2:56	A0	8.27	8.05	243	16	207	433	3.0L	144.333
439	275	252	17: 2: 6	-52:24:40	244435/	-0:11	0:15	B8	8.38	7.99	243	16	207	433 L	3.0L	144.333
440	277	249	17: 2: 7	-52:24:45	244432/	0: 0	2:51	A0	8.27	8.05	71	16	26	484	4.1C	118.049
441	277	249	17: 2: 7	-52:24:45	244435/	-0:10	0:10	B8	8.38	7.99	71	16	26	484 L	4.1C	118.049
442	279	246	17: 2:10	-52:23:44	244432/	0: 3	3:52	A0	8.27	8.05	54	10	20	278 L	3.0C	92.667
443	279	246	17: 2:10	-52:23:44	244435/	-0: 7	1:12	B8	8.38	7.99	54	10	20	278 L	3.0C	92.667
444	413	318	17: 2:28	-55:34:23	244438	-0: 0	2:33	B8	8.76	8.51	52	4	25	100 L	4.1C	24.390
445	428	327	17: 2:42	-55:57:22	244442	-0: 8	0:57	A0	8.06	.00	54	4	25	97 L	4.1C	23.659
446	526	371	17: 2:52	-58:14:52	244449?	-0:39	-7:16	A2	9.26	9.23	58	5	25	123	4.1C	30.000
447	470	358	17: 4: 4	-57: 2:42	244455?	0: 3	2:32	B8	9.50	9.25	232	7	207	1547L	3.0L	51.333
448	337	297	17: 4:44	-53:55:54	NO						55	5	23	129	3.0C	43.000
449	584	412	17: 4:46	-59:45: 5	244461	-0: 1	-0: 6	B8	8.40	7.96	225	8	195	194 L	3.0L	64.667
450	355	315	17: 4:49	-54:25:33	NO						121	4	90	102	1.0L	102.000
451	585	410	17: 4:49	-59:44:35	244461	0: 2	0:24	B8	8.40	7.96	58	5	26	138 L	4.1C	33.659
452	355	314	17: 4:54	-54:26:25							255	7	208	227?	3.0L	75.667
453	335	302	17: 4:59	-53:56:50	NO						59	5	27	143	4.1C	34.878
454	315	299	17: 5: 7	-53:32:32							251	9	207	273?	3.0L	91.000
455	663	450	17: 5:23	-61:37:13	253818	-0: 9	-0:28	B9	6.52	.00	341	33	198	2107	3.0L	702.333
456	665	448	17: 5:23	-61:36:44	253818	-0: 9	0: 1	B9	6.52	.00	177	37	28	2305	4.1C	562.195
457	664	452	17: 5:27	-61:37:59	253818	-0: 5	-1:14	B9	6.52	.00	167	18	87	812	1.0L	812.000
458	188	233	17: 5:31	-50:37:50							78	17	26	508?	4.1C	123.902
459	667	445	17: 5:32	-61:36:45	253818	0: 0	-0: 0	B9	6.52	.00	150	30	24	1647	3.0C	549.000
460	357	312	17: 5:33	-54:26:21	NO						76	10	20	355	3.0C	118.333
461	354	319	17: 5:38	-54:27:47	NO						244	10	207	258	3.0L	86.000
462	318	300	17: 5:41	-53:36:21	NO						57	7	25	174	4.1C	42.439
463	317	296	17: 5:44	-53:32:27	NO						67	9	22	288	3.0C	96.000
464	355	317	17: 5:47	-54:27:19	NO						75	10	26	339	4.1C	82.683
465	292	294	17: 6: 1	-53: 4:41	NO						237	6	204	163	3.0L	54.333
466	288	293	17: 6: 6	-52:59:36	NO						232	6	203	159	3.0L	53.000
467	315	302	17: 6: 7	-53:33:54							70	12	26	3817	4.1C	92.927
468	354	322	17: 6:22	-54:28:10	NO						61	8	27	222	4.1C	54.146
469	356	319	17: 6:32	-54:28:41	NO						54	7	21	186	3.0C	62.000
470	295	293	17: 6:43	-53: 6:14	NO						66	7	21	235	3.0C	78.333
471	297	294	17: 6:44	-53: 9: 1	NO						55	12	22	323	3.0C	107.667
472	292	292	17: 6:45	-53: 2:18	NO						60	8	21	246	3.0C	82.000
473	294	298	17: 6:47	-53: 7:51	NO						73	18	26	556	4.1C	135.610
474	291	301	17: 6:50	-53: 8:29	NO						237	12	198	336	3.0L	112.000
475	296	304	17: 6:57	-53:13:41							286	11	201	5287	3.0L	176.000
476	296	306	17: 6:58	-53:13:16	NO						120	5	85	149	1.0L	149.000
477	290	297	17: 7: 0	-53: 3:15	NO						70	14	25	432	4.1C	105.366
478	534	403	17: 7:17	-58:49:41	244498	-0: 6	0:33	B9	7.31	.00	257	13	197	491	3.0L	163.667
479	536	407	17: 7:18	-58:45:25	244498	-0: 5	-0:11	B9	7.31	.00	90	17	24	674	4.1C	164.390
480	154	237	17: 7:19	-50: 3:28	244499?	-0: 5	2:48		9.80	9.80	229	13	193	372	3.0L	124.000
481	154	237	17: 7:19	-50: 3:28	244502	-0:15	0: 2	A0	7.46	.00	229	13	193	372	3.0L	124.000
482	158	231	17: 7:20	-50: 3:42	244499?	-0: 3	2:34		9.80	9.80	49	9	23	205	3.0C	68.333
483	158	231	17: 7:20	-50: 3:42	244502	-0:14	-0:13	A0	7.46	.00	49	9	23	205 L	3.0C	68.333
484	156	234	17: 7:22	-50: 3:42	244499?	-0: 1	2:34		9.80	9.80	62	23	26	828	4.1C	153.171
485	156	234	17: 7:22	-50: 3:42	244502	-0:12	-0:12	A0	7.46	.00	62	23	26	628	4.1C	153.171
486	538	403	17: 7:23	-58:45:25	244498	0: 0	-0:11	B9	7.31	.00	77	11	22	386 L	3.0C	128.667
487	293	300	17: 7:35	-53: 6:52	NO						56	6	20	174	3.0C	58.000
488	748	499	17: 7:37	-63:38:42	253826	-0:12	-1:11	B9	7.04	.00	141	24	27	1252	4.1C	305.366
489	750	495	17: 7:38	-63:38:10	253826	-0:11	-0:40	B9	7.04	.00	103	18	24	821	3.0C	273.667
490	299	303	17: 7:39	-53:15:13	NO						87	11	21	447	3.0C	149.000
491	747	502	17: 7:41	-63:38:13	253826	-0: 8	-0:43	B9	7.04	.00	119	7	87	194 L	1.0L	194.000
492	747	501	17: 7:41	-63:39: 8	253826	-0: 8	-1:37	B9	7.04	.00	275	22	202	843 L	3.0L	281.000
493	397	351	17: 7:42	-55:33:18	244505	-0: 1	0:53	B8	8.30	8.00	105	18	26	757	4.1C	184.634
494	356	337	17: 7:43	-54:39:37							241	5	202	152?	3.0L	50.667
495	399	348	17: 7:44	-55:33:18	244505	0: 2	0:52	B8	8.30	8.00	83	14	22	516	3.0C	172.000
496	395	354	17: 7:46	-55:33: 3	244505	0: 3	1: 7	B8	8.30	8.00	272	18	208	680	3.0L	226.667
497	395	356	17: 7:49	-55:32:37	244505	0: 6	1:33	B8	8.30	8.00	123	6	90	159 L	1.0L	159.000
498	296	307	17: 7:49	-53:14:34	NO						101	11	26	471	4.1C	114.878
499	290	305	17: 7:54	-53: 6:41	NO						65	9	24	289	4.1C	70.488
500	358	336	17: 8:29	-54:40: 0	NO						85	8	20	237	3.0C	79.000

NORMA RA 17:24 DEC -59:04

OBJECT NO.	X	Y	R.A.	DEC.	SAO NO.	Δ R.A.	Δ DEC.	SPEC. TYPE	V MAG.	P MAG.	PEAK DEN.	NO. OF POINTS	BG	DENSITY VOLUME	EXP.& FILTER	DEN.VOL/ EXP.
501	355	341	17: 8:47	-54:39:50	NO						75	10	25	325	4.1C	79.268
502	296	324	17: 9:20	-53:24: 3	244532	-0:11	0:11	B8	8.12	7.70	309	29	201	1499	3.0L	499.667
503	298	321	17: 9:20	-53:24:20	244532	-0:11	-0: 6	B8	8.12	7.70	149	33	25	1731	4.1C	422.195
504	705	486	17: 9:22	-62:41:46	253841	-0:14	-1:11	B8	7.23	.00	147	32	27	1673	3.0C	557.667
505	702	490	17: 9:26	-62:41: 9	253841	-0:10	-0:34	B8	7.23	.00	199	37	32	2300	4.1C	560.976
506	701	493	17: 9:28	-62:40:37	253841	-0: 8	-0: 2	B8	7.23	.00	159	21	87	852	1.0L	852.000
507	701	492	17: 9:28	-62:41:33	253841	-0: 8	-0:58	B8	7.23	.00	339	32	199	2052	3.0L	684.000
508	300	318	17: 9:28	-53:24:47	244532	-0: 3	-0:33	B8	8.12	7.70	118	25	23	1127	3.0C	375.667
509	296	327	17: 9:30	-53:24: 4	244532	-0: 2	0:10	B8	8.12	7.70	132	13	85	422	1.0L	422.000
510	558	432	17: 9:38	-59:23:21							68	6	25	197?	4.1C	48.049
511	235	300	17: 9:55	-52: 3:46	244542	-0:17	-1:17	B5	9.60	9.29	222	6	194	150 L	3.0L	50.000
512	236	298	17:10: 7	-52: 3:24	244542	-0: 5	-0:55	B5	9.60	9.29	52	7	24	165 L	4.1C	40.244
513	409	372	17:10:16	-55:57:16	244544	-0: 5	-0:15	B5	7.97	.00	143	30	22	1652	3.0C	550.667
514	406	375	17:10:16	-55:56: 9	244544	-0: 4	0:52	B5	7.97	.00	174	35	28	2204	4.1C	537.561
515	405	378	17:10:17	-55:56:59	244544	-0: 4	0: 1	B5	7.97	.00	349	45	204	2442	3.0L	814.000
516	405	380	17:10:20	-55:56:32	244544	-0: 1	0:28	B5	7.97	.00	178	25	89	1062	1.0L	1062.000
517	333	348	17:10:20	-54:17:51	244546	-0: 9	0:55	B8	8.56	8.25	249	11	202	361 L	3.0L	120.333
518	335	346	17:10:26	-54:18:39	244546	-0: 2	0: 7	B8	8.56	8.25	85	16	24	620	4.1C	151.220
519	337	342	17:10:27	-54:18:36	244546	-0: 1	0:10	B8	8.56	8.25	67	10	21	332 L	3.0C	110.667
520	386	369	17:10:36	-55:30: 1							62	12	26	3227	4.1C	78.537
521	482	413	17:10:48	-57:45:10	244551	-0: 9	0:32	B9	7.92	7.55	231	7	199	186 L	3.0L	62.000
522	695	496	17:10:57	-62:35:58	253849	-0: 8	-0:24	B8	8.44	7.99	110	23	27	974	4.1C	237.561
523	483	411	17:10:58	-57:43:39	244551	0: 1	2: 3	B9	7.92	7.55	66	9	25	275 L	4.1C	67.073
524	694	498	17:10:59	-62:36:20	253849	-0: 6	-0:45	B8	8.44	7.99	272	22	197	879	3.0L	293.000
525	698	493	17:11: 3	-62:37: 4	253849	-0: 2	-1:29	B8	8.44	7.99	84	16	25	597	3.0C	199.000
526	695	500	17:11: 4	-62:37: 2	253849	-0: 1	-1:27	B8	8.44	7.99	124	10	85	292	1.0L	292.000
527	486	408	17:11: 7	-57:45:14	244551	0:10	0:28	B9	7.92	7.55	54	6	22	154 L	3.0C	51.333
528	184	291	17:11:39	-51: 1:56	244562	-0:10	-0:17	B8	7.31	.00	270	40	192	1662	3.0L	554.000
529	186	288	17:11:42	-51: 2:17	244562	-0: 8	-0:38	B8	7.31	.00	127	43	25	2231	4.1C	544.146
530	184	294	17:11:47	-51: 1:53	244562	-0: 3	-0:15	B8	7.31	.00	117	13	81	372	1.0L	372.000
531	188	285	17:11:48	-51: 2:40	244562	-0: 2	-1: 2	B8	7.31	.00	97	33	21	1451	3.0C	483.667
532	618	475	17:11:57	-60:54:51	253854	-0:10	-0:48	A0	7.62	.00	118	12	80	325 H	1.0L	325.000
533	621	468	17:11:59	-60:54:55	253854	-0: 9	-0:51	A0	7.62	.00	90	14	22	570	3.0C	190.000
534	617	474	17:12: 3	-60:54:38	253854	-0: 4	-0:35	A0	7.62	.00	270	22	186	934 H	3.0L	311.333
535	618	472	17:12: 4	-60:54:19	253854	-0: 3	-0:15	A0	7.62	.00	107	20	25	862	4.1C	210.244
536	535	440	17:12:50	-58:58:57	244579	-0: 4	0:14	B8	9.00	8.61	82	14	21	497	3.0C	165.667
537	531	446	17:12:53	-58:58:39	244579	-0: 0	0:32	B8	9.00	8.61	268	19	186	778	3.0L	259.333
538	532	448	17:12:55	-58:59:20	244579	0: 2	-0: 9	B8	9.00	8.61	119	8	80	240	1.0L	240.000
539	532	444	17:12:57	-58:58:21	244579	0: 3	0:50	B8	9.00	8.61	97	19	24	803	4.1C	195.854
540	239	333	17:13:34	-52:24: 2	244593	-0:15	-1:23	B8	8.79	8.47	215	4	191	91 L	3.0L	30.333
541	102	272	17:13:45	-49:23:32	227793	-0:24	0:25	B5	7.77	.00	273	65	195	2635	3.0L	878.333
542	106	266	17:13:47	-49:23:49	227793	-0:22	0: 8	B5	7.77	.00	93	51	24	2044	3.0C	681.333
543	240	331	17:13:49	-52:22:35	244593	-0: 0	0: 3	B8	8.79	8.47	59	11	23	303	4.1C	73.902
544	104	269	17:13:50	-49:23:57	227793	-0:20	0: 1	B5	7.77	.00	123	67	29	3258	4.1C	794.634
545	102	276	17:13:59	-49:23:54	227793	-0:11	0: 3	B5	7.77	.00	112	17	82	414 L	1.0L	414.000
546	136	292	17:14:17	-50:10:33	244608	-0:15	-1: 5	A0	7.10	.00	221	20	187	528 L	3.0L	176.000
547	140	286	17:14:21	-50: 9:42	244608	-0:10	-0:14	A0	7.10	.00	59	19	21	552	3.0C	184.000
548	138	289	17:14:23	-50: 9:50	244608	-0: 8	-0:22	A0	7.10	.00	75	29	26	967	4.1C	235.854
549	391	403	17:15:26	-55:50:24	244627	0: 1	0:16	B8	8.59	8.25	66	8	24	247 L	3.0C	82.333
550	387	409	17:15:28	-55:50: 4	244627	0: 2	0:35	B8	8.59	8.25	249	8	210	231 L	3.0L	77.000
551	132	304	17:15:33	-50: 9:27	244608	1: 2	0: 0	A0	7.10	.00	116	11	79	317	1.0L	317.000
552	132	304	17:15:33	-50: 9:27	244632?	-0:23	-0:44		9.60	9.50	116	11	79	317	1.0L	317.000
553	297	370	17:15:36	-53:46:58	244629	0: 1	-0:59	B9	8.35	8.00	89	17	25	650	4.1C	158.537
554	388	407	17:15:36	-55:49:50	244627	0:10	0:50	B8	8.59	8.25	78	14	25	502	4.1C	122.439
555	295	373	17:15:37	-53:46:30	244629	0: 2	-0:30	B9	8.35	8.00	256	17	194	599	3.0L	199.667
556	299	367	17:15:37	-53:46:49	244629	0: 1	-0:50	B9	8.35	8.00	71	12	21	395	3.0C	131.667
557	295	376	17:15:47	-53:46:24	244629	0:11	-0:25	B9	8.35	8.00	109	4	82	96	1.0L	96.000
558	545	466	17:16: 8	-59:24: 0	244638	-0: 4	-0:36	A0	7.05	.00	54	7	23	168 L	3.0C	56.000
559	543	470	17:16:11	-59:24:37	244638	-0: 1	-1:13	A0	7.05	.00	69	14	27	380 L	4.1C	92.683
560	695	532	17:16:17	-62:53:41	253880	-0:19	-1:35	B0	9.80	9.37	263	16	201	599	3.0L	199.333
561	695	534	17:16:27	-62:53: 9	253880	-0:10	-1: 3	B0	9.80	9.37	113	4	88	93 L	1.0L	93.000
562	696	530	17:16:29	-62:52:45	253880	-0: 7	-0:39	B0	9.80	9.37	93	14	31	524	4.1C	127.805
563	698	527	17:16:40	-62:52:34	253880	0: 3	-0:28	B0	9.80	9.37	76	11	27	349 L	3.0C	116.333
564	566	485	17:16:42	-59:59: 3	244645	-0: 4	-1: 3	A0	7.63	7.20	239	13	180	480	3.0L	160.000
565	569	479	17:16:42	-59:58:12	244645	-0: 4	-0:13	A0	7.63	7.20	68	9	23	295	3.0C	98.333
566	567	483	17:16:44	-59:58:50	244645	-0: 2	-0:50	A0	7.63	7.20	86	13	28	481	4.1C	117.317
567	718	542	17:16:50	-63:24:42	253883	-0:12	-1:36	A0	8.52	8.14	90	14	29	504	4.1C	122.927
568	717	544	17:16:53	-63:24:55	253883	-0: 8	-1:49	A0	8.52	8.14	235	8	196	236	3.0L	78.667
569	720	538	17:16:55	-63:22:53	253883	-0: 7	0:12	A0	8.52	8.14	66	8	25	251	3.0C	83.667
570	202	349	17:18: 1	-51:49:32	244666	-0: 1	-1:25	B9	8.70	7.80	55	8	24	213	4.1C	51.951
571	400	432	17:18:15	-56:16: 3	244669	-0: 4	-0:37	B8	8.27	7.90	127	33	35	1432	4.1C	349.268
572	398	435	17:18:19	-56:15:30	244669	0: 1	-0: 4	B8	8.27	7.90	303	25	218	1042	3.0L	347.333
573	639	520	17:18:22	-61:40:51	253894	-0:10	0: 3	B9	8.19	7.76	78	13	25	449	4.1C	109.512
574	398	437	17:18:23	-56:14:56	244669	0: 4	0:30	B8	8.27	7.90	142	10	96	314	1.0L	314.000
575	105	310	17:18:23	-49:43:39	227872	-0:10	-0:49	B8	8.00	7.40	51	6	27	130 L	4.1C	31.707
576	402	429	17:18:26	-56:16:18	244669	0: 8	-0:52	B8	8.27	7.90	107	25	28	984	3.0C	328.000
577	642	517	17:18:27	-61:41:50	253894	-0: 4	-0:56	B9	8.19	7.76	60	9	20	260 L	3.0C	86.667
578	921	636	17:18:27	-67:55:42	NO						56	14	24	368	4.1C	89.756
579	638	523	17:18:32	-61:41:29	253894	0: 1	-0:35	B9	8.19	7.76	233	15	188	429 L	3.0L	143.000
580	278	386	17:18:33	-53:31:35	244677	0: 0	-0:17	B9	9.20	8.88	60	8	25	219	4.1C	53.415
581	276	389	17:18:34	-53:31: 2	244677	0: 1	0:16	B9	9.20	8.88	221	11	190	280	3.0L	93.333
582	279	383	17:18:37	-53:30:13	244677	0: 4	1: 5	B9	9.20	8.88	47	5	20	120 L	3.0C	40.000
583	920	638	17:18:40	-67:55:53	NO						197	5	174	110	3.0L	36.667
584	819	590	17:18:55	-65:40:31	253899	-0: 3	-1:12	B8	6.86	.00	209	45	21	3183	3.0C	1061.000
585	816	594	17:18:56	-65:40: 2	253899	-0: 3	-0:42	B8	6.86	.00	260	57	25	4388	4.1C	1070.244
586	816	597	17:19: 1	-65:40:20	253899	0: 3	-1: 1	B8	6.86	.00	171	37	80	1681	1.0L	1681.000
587	692	548	17:19: 3	-62:55:55	253900?	0: 4	-8:10	B9	8.25	7.87	116	4	87	101	1.0L	101.000
588	692	548	17:19: 3	-62:55:55	253903?	-0:16	-6:51	B3	5.88	.00	116	4	87	101 L	1.0L	101.000
589	815	596	17:19: 4	-65:40:12	253899	0: 5	-0:53	B8	6.86	.00	355	58	184	4005	3.0L	1335.000
590	460	463	17:19: 7	-57:41:34	NO						219	4	190	103	3.0L	34.333
591	690	540	17:19:11	-62:49:47	253900?	0:11	-2: 2	B9	8.25	7.87	406	136	23	13606	3.0C	4535.333
592	690	540	17:19:11	-62:49:47	253903	-0: 8	-0:43	B3	5.88	.00	406	136	23	13606	3.0C	4535.333
593	688	544	17:19:11	-62:50:27	253900?	0:11	-2:42	B9	8.25	7.87	420	173	28	17498	4.1C	4267.805
594	688	544	17:19:11	-62:50:27	253903	-0: 8	-1:23	B3	5.88	.00	420	173	28	17498	4.1C	4267.805
595	687	547	17:19:12	-62:49:35	253900?	0:13	-1:50	B9	8.25	7.87	403	95	88	8122	1.0L	8122.000
596	687	547	17:19:12	-62:49:35	253903	-0: 6	-0:31	B3	5.88	.00	403	95	88	8122	1.0L	8122.000
597	686	546	17:19:17	-62:49:26	253900?	0:18	-1:41	B9	8.25	7.87	457	182	195	15490	3.0L	5163.333
598	686	546	17:19:17	-62:49:26	253903	-0: 2	-0:22	B3	5.88	.00	457	182	195	15490	3.0L	5163.333
599	500	479	17:19:21	-58:37:35	244693	-0: 2	-0:28	B8	6.78	.00	378	46	184	2780	3.0L	926.667
600	504	473	17:19:21	-58:36:46	244693	-0: 1	0:21	B8	6.78	.00	205	40	22	2645	3.0C	881.667

NORMA RA 17:24 DEC -59:04

OBJECT NO.	X	Y	R.A.	DEC.	SAO NO.	Δ R.A.	Δ DEC.	SPEC. TYPE	V MAG.	P MAG.	PEAK DEN.	NO. OF POINTS	BG	DENSITY VOLUME	EXP.& FILTER	DEN.VOL/ EXP.
601	502	477	17:19:22	-59:38:37	244693	-0: 1	-1:29	B8	6.78	.00	233	49	25	3604	4.1C	879.024
602	501	481	17:19:23	-59:38:11	244693	0: 0	-1: 4	B8	6.78	.00	230	25	79	1606	1.0L	1606.000
603	420	448	17:19:26	-56:46:47	244696	-0: 3	0:22	B9	8.73	8.25	82	7	30?	291 L	4.1C	70.976
604	422	445	17:19:38	-56:47: 1	244696	0: 9	0: 6	B9	8.73	8.25	63	4	33	106 L	3.0C	35.333
605	592	507	17:19:44	-60:37:57	253908	-0: 3	-0:18	B8	5.96	.00	216	43	22	2988	3.0C	996.000
606	589	513	17:19:45	-60:38:46	253908	-0: 3	-1: 7	B8	5.96	.00	387	43	180	3050 L	3.0L	1016.667
607	590	511	17:19:46	-60:38:37	253908	-0: 1	-0:58	B8	5.96	.00	254	52	26	3868 L	4.1C	943.415
608	589	515	17:19:52	-60:38:11	253908	0: 4	-0:31	B8	5.96	.00	206	29	77	1712	1.0L	1712.000
609	460	467	17:20: 9	-57:42:55	NO						63	5	23	140	4.1C	34.146
610	524	491	17:20:14	-59:10:51	244705	-0: 6	-0:46	A0	7.27	7.00	67	9	24	276 L	4.1C	67.317
611	523	494	17:20:19	-59:11:25	244705	-0: 2	-1:20	A0	7.27	7.00	209	4	182	103 L	3.0L	34.333
612	526	488	17:20:29	-59:11: 3	244705	0: 7	-0:58	A0	7.27	7.00	51	4	21	109 L	3.0C	36.333
613	173	363	17:20:39	-51:22:24	244716	-0: 2	0:13	B9	8.50	8.10	228	23	181	720	3.0L	240.000
614	177	357	17:20:40	-51:22:45	244716	-0: 1	-0: 8	B9	8.50	8.10	66	18	21	569	3.0C	189.667
615	175	360	17:20:41	-51:23: 1	244716	0: 0	-0:23	B9	8.50	8.10	85	27	26	936 H	4.1C	228.293
616	399	449	17:21:18	-56:21:10	244726	0: 7	-1:11	B1	3.51	.00	482	473	29	67337 L	3.0C	22445.667
617	396	452	17:21:18	-56:20:14	244726	0: 7	-0:16	B1	3.51	.00	491	563	36	82468 L	4.1C	20114.148
618	396	457	17:21:19	-56:21:21	244726	0: 9	-1:22	B1	3.51	.00	478	383	98	46282 L	1.0L	46282.000
619	396	456	17:21:25	-56:22:24	244726	0:14	-2:25	B1	3.51	.00	507	629	206	74674 L	3.0L	24891.333
620	91	340	17:21:49	-49:41:10	227944	-0:19	0:19	B8	6.95	.00	345	104	186	6337 H	3.0L	2112.333
621	373	452	17:21:54	-55:53: 2	NO						228	4	206	85	3.0L	28.333
622	91	343	17:21:55	-49:40:56	227944	-0:12	0:33	B8	6.95	.00	151	57	78	2288 H	1.0L	2288.000
623	95	334	17:21:58	-49:41:55	227944	-0:10	-0:27	B8	6.95	.00	170	86	26	5230 H	3.0C	1743.333
624	92	337	17:22: 3	-49:41: 4	227944	-0: 5	0:25	B8	6.95	.00	218	104	31	7444 H	4.1C	1815.610
625	131	353	17:22: 3	-50:30:57	244733	-0: 2	0: 1	A0	8.00	7.90	54	5	30	111 L	4.1C	27.073
626	100	341	17:22:28	-49:50:14	227958	-0:16	0:46	B9	8.00	7.90	67	20	28	581	3.0C	193.667
627	98	344	17:22:30	-49:50:32	227958	-0:14	0:28	B9	8.00	7.90	88	40	30?	1437 H	4.1C	350.488
628	97	348	17:22:31	-49:51:27	227958	-0:13	-0:28	B9	8.00	7.90	223	22	188	594	3.0L	198.000
629	192	390	17:22:53	-51:56:23	244749	-0: 5	-2: 0	B8	6.46	.00	355	53	179	3703	3.0L	1234.333
630	192	393	17:23: 1	-51:56:10	244749	0: 3	-1:47	B8	6.46	.00	164	31	78	1388	1.0L	1388.000
631	684	566	17:23: 4	-62:54:57	253931	-0:26	-0:44	B9	7.75	7.30	130	26	26	1370	4.1C	334.148
632	195	384	17:23: 7	-51:54:51	244749	0: 9	-0:28	B8	6.46	.00	204	50	22	3516	3.0C	1172.000
633	582	534	17:23: 8	-60:38:52							109	6	79	149?	1.0L	149.000
634	193	387	17:23: 8	-51:55: 9	244749	0:10	-0:46	B8	6.46	.00	259	56	27	4708	4.1C	1148.293
635	687	563	17:23:11	-62:55:51	253931	-0:20	-1:37	B9	7.75	7.30	131	26	22	1446 H	3.0C	482.000
636	684	570	17:23:12	-62:55:34	253928/	-0:12	4: 7	B9	6.38	.00	149	13	88	513	1.0L	513.000
637	684	570	17:23:12	-62:55:34	253931/	-0:18	-1:20	B9	7.75	7.30	149	13	88	513	1.0L	513.000
638	130	368	17:23:15	-50:37:16	244755	-0: 3	-1:59	B9	6.06	.00	205	6	181	135 L	3.0L	45.000
639	683	569	17:23:17	-62:55:27	253931	-0:13	-1:13	B9	7.75	7.30	335	29	192	1990 H	3.0L	663.333
640	691	565	17:23:17	-63: 1:26	253928	-0: 8	-1:45	B9	6.38	.00	213	44	23	3532	3.0C	1177.333
641	688	572	17:23:18	-63: 1: 9	253928	-0: 6	-1:26	B9	6.38	.00	219	34	85	2179	1.0L	2179.000
642	688	572	17:23:18	-63: 1: 9	253931?	-0:12	-6:55	B9	7.75	7.30	219	34	85	2179	1.0L	2179.000
643	688	569	17:23:20	-63: 0:58	253928	-0: 4	-1:18	B9	6.38	.00	262	58	26	5431	4.1C	1324.634
644	131	364	17:23:21	-50:36:47	244755	0: 3	-1:29	B9	6.06	.00	67	17	29	474 L	4.1C	115.810
645	133	361	17:23:22	-50:35:18	244755	0: 4	-0: 1	B9	6.06	.00	50	8	24	183 L	3.0C	61.000
646	687	571	17:23:23	-63: 1: 2	253928	-0: 1	-1:21	B9	6.38	.00	392	43	193	3935	3.0L	1311.667
647	703	581	17:24: 8	-63:24:12	253935	-0: 6	-1:12	B9	8.28	7.77	249	17	192	879	3.0L	293.000
648	707	576	17:24:12	-63:25: 1	253935	-0: 2	-0: 2	B9	8.28	7.77	76	13	23	443	3.0C	147.667
649	704	588	17:24:15	-63:24:34	253935	0: 1	-1:35	B9	8.28	7.77	98	16	26	691	4.1C	188.537
650	859	649	17:25:20	-66:50:57	NO						148	42	75	1754	1.0L	1754.000
651	859	647	17:25:23	-66:51:15	NO						234	62	49	3363	4.1C	820.244
652	862	643	17:25:24	-66:51:40	NO						181	56	21	3635	3.0C	1211.667
653	859	649	17:25:34	-66:51:16	NO						315	70	174	4457	3.0L	1485.667
654	579	546	17:26:25	-60:39:36	253945	-0:10	-0:55	B8	3.79	.00	421	193	21	19077 L	3.0C	6359.000
655	577	550	17:26:27	-60:40:21	253945	-0: 8	-1:41	B8	3.79	.00	435	234	25	24237	4.1C	5911.463
656	575	552	17:26:29	-60:39: 9	253945	-0: 6	-0:28	B8	3.79	.00	451	208	181	18139 L	3.0L	6046.333
657	185	412	17:26:31	-51:56:59	244796	0:10	-0:39	A0	8.20	7.90	48	4	24	92 L	4.1C	22.439
658	287	455	17:26:32	-54:12:29	244795	0:12	-0:23	B5	7.85	7.50	288	19	187	832 L	3.0L	277.333
659	291	449	17:26:32	-54:12:54	244795	0:11	-0:49	B5	7.85	7.50	89	19	21	702 L	3.0C	234.000
660	576	554	17:26:33	-60:39:40	253945	-0: 2	-0:59	B8	3.79	.00	400	121	81	9148	1.0L	9148.000
661	288	452	17:26:33	-54:12: 4	244795	0:13	0: 1	B5	7.85	7.50	110	25	24	1109	4.1C	270.488
662	287	457	17:26:34	-54:11:47	244795	0:14	0:16	B5	7.85	7.50	114	9	79	251 L	1.0L	251.000
663	406	501	17:27: 3	-56:53:38	244808	-0: 5	-0:38	B8	6.29	.00	374	46	190	2721	3.0L	907.000
664	407	504	17:27:12	-56:54:32	244808	0: 4	-1:32	B8	6.29	.00	223	26	84	1611	1.0L	1611.000
665	465	523	17:27:14	-58:11:58	244799?	0:42	-6: 1	A2	10.00	9.87	117	6	78	184 H	1.0L	184.000
666	251	447	17:27:15	-53:26:60	244806	0:11	-0:32	B3	8.24	7.90	247	21	180	784 L	3.0L	261.333
667	251	447	17:27:15	-53:26:60	244814?	-0:21	-3: 2	A0	10.00	9.78	247	21	180	784	3.0L	261.333
668	408	499	17:27:15	-56:55:16	244808	0: 7	-2:15	B8	6.29	.00	265	57	26	4323	4.1C	1054.390
669	309	468	17:27:16	-54:43:53	244805?	0:17	0:23	A0	9.20	8.95	214	4	191	877L	3.0L	29.000
670	255	441	17:27:16	-53:27:26	244806	0:12	-0:57	B3	8.24	7.90	73	14	21	489 L	3.0C	163.000
671	255	441	17:27:16	-53:27:26	244814?	-0:20	-3:28	A0	10.00	9.78	73	14	21	489	3.0C	163.000
672	252	444	17:27:18	-53:26:37	244806	0:14	-0: 9	B3	8.24	7.90	94	21	25	812 L	4.1C	198.049
673	252	444	17:27:18	-53:26:37	244814?	-0:18	-2:39	A0	10.00	9.78	94	21	25	812	4.1C	198.049
674	410	496	17:27:21	-56:53:42	244808	0:13	-0:42	B8	6.29	.00	221	43	23	3236	3.0C	1078.667
675	251	450	17:27:22	-53:27:53	244806	0:16	-1:25	B3	8.24	7.90	105	4	79	97 L	1.0L	97.000
676	251	450	17:27:22	-53:27:53	244814?	-0:14	-3:55	A0	10.00	9.78	105	4	79	97	1.0L	97.000
677	82	391	17:27:48	-49:51:36	228069	-0:10	-1:16	B3	2.97	.00	493	486	82	68548 L	1.0L	68548.000
678	81	388	17:27:51	-49:51: 9	228069	-0: 7	-0:49	B3	2.97	.00	510	776	183	102322 L	3.0L	34107.333
679	82	384	17:27:51	-49:50:23	228069	-0: 8	-0: 3	B3	2.97	.00	503	661	34	108535	4.1C	26471.951
680	84	382	17:27:56	-49:50:22	228069	-0: 3	-0: 3	B3	2.97	.00	493	581	30	88957 L	3.0C	29652.333
681	314	481	17:28:42	-54:54:42	NO						235	7	185	226	3.0L	75.333
682	476	535	17:28:43	-58:31:30	244829	-0: 7	-0: 9	B8	6.95	.00	269	18	182	830 L	3.0L	276.667
683	477	537	17:28:45	-58:31:59	244829	-0: 5	-0:38	B8	6.95	.00	121	9	78	282 L	1.0L	282.000
684	477	533	17:28:47	-58:31:34	244829	-0: 2	-0:13	B8	6.95	.00	122	23	26	1118	4.1C	272.683
685	480	529	17:28:49	-58:32:22	244829	-0: 0	-1: 2	B8	6.95	.00	98	20	24	796 L	3.0C	265.333
686	317	480	17:29:25	-54:55:58	244850?	-0:29	-8: 7	A0	9.03	8.66	76	7	23	240	3.0C	80.000
687	314	484	17:29:35	-54:55:35	244850?	-0:20	-7:44	A0	9.03	8.66	86	7	30	256	4.1C	62.439
688	124	420	17:29:49	-50:52: 6	244843	0: 4	-0:23	B8	8.50	8.60	205	7	183	117 L	3.0L	39.000
689	128	414	17:29:50	-50:52:31	244843	0: 6	-0:48	B8	8.50	8.60	51	6	34	82 L	3.0C	27.333
690	126	417	17:29:52	-50:52:57	244843	0: 7	-1:14	B8	8.50	8.60	67	10	30	301 L	4.1C	73.415
691	116	418	17:29:54	-50:41:56	244846	0: 2	-0: 8	B8	8.20	7.90	227	26	174	929	3.0L	309.667
692	120	412	17:29:55	-50:42:21	244846	0: 4	-0:33	B8	8.20	7.90	79	26	24	943	3.0C	314.333
693	118	415	17:29:57	-50:42:47	244846	0: 5	-0:59	B8	8.20	7.90	105	31	30?	1280	4.1C	312.195
694	117	421	17:29:59	-50:42:45	244846	0: 7	-0:57	B8	8.20	7.90	100	4	76	91 L	1.0L	91.000
695	534	561	17:30:57	-59:51: 2	244866	-0:10	-2:13	A0	6.43	.00	230	43	23	3277	3.0C	1092.333
696	530	567	17:31: 1	-59:50:32	244866	-0: 6	-1:43	A0	6.43	.00	395	52	177	3663	3.0L	1221.000
697	531	565	17:31: 3	-59:50:40	244866	-0: 4	-1:51	A0	6.43	.00	280	55	26	4429 H	4.1C	1080.244
698	531	569	17:31: 4	-59:50:60	244866	-0: 3	-2:11	A0	6.43	.00	246	30	78	2012 H	1.0L	2012.000
699	808	661	17:31:25	-65:58:43	253970	0:10	-0:47	A0	7.53	.00	228	20	180	633	3.0L	211.000
700	812	656	17:31:27	-65:59:35	253970	0:13	-1:39	A0	7.53	.00	85	20	22	774	3.0C	258.000

NORMA RA 17:24 DEC -59:04

OBJECT NO.	X	Y	R.A.	DEC.	SAO NO.	Δ R.A.	Δ DEC.	SPEC. TYPE	V MAG.	P MAG.	PEAK DEN.	NO. OF POINTS	BG	DENSITY VOLUME	EXP.& FILTER	DEN.VOL/ EXP.
701	809	660	17:31:28	-65:59:13	253970	0:13	-1:18	A0	7.53	.00	103	27	24	1179 H	4.1C	287.561
702	236	477	17:31:30	-53:20:23	244870	0:13	-1:10	A0	6.27	.00	123	11	78	343	1.0L	343.000
703	235	475	17:31:31	-53:19:57	244870	0:14	-0:44	A0	6.27	.00	279	24	181	1200	3.0L	400.000
704	239	469	17:31:32	-53:20:25	244870	0:15	-1:12	A0	6.27	.00	115	25	22	1198	3.0C	399.333
705	236	472	17:31:34	-53:19:41	244870	0:17	-0:28	A0	6.27	.00	148	32	27	1805	4.1C	440.244
706	487	558	17:31:41	-58:53:48	244874	-0: 5	-0:48	B9	8.28	7.86	222	9	182	262 L	3.0L	87.333
707	488	556	17:31:45	-58:53:56	244874	-0: 1	-0:56	B9	8.28	7.86	75	10	28	323	4.1C	78.780
708	603	598	17:31:50	-61:24:46	253976	-0:11	-1:49	B9	9.05	8.73	58	7	20	209	3.0C	69.667
709	603	588	17:31:50	-61:24:46	253980?	-0:35	-2:30	A2	10.20	9.92	58	7	20	209	3.0C	69.667
710	490	553	17:31:51	-58:53:30	244874	0: 4	-0:30	B9	8.28	7.86	57	5	22	147 L	3.0C	49.000
711	599	594	17:31:55	-61:24:15	253976	-0: 7	-1:18	B9	9.05	8.73	233	10	183	348	3.0L	116.000
712	600	592	17:31:55	-61:24:24	253976	-0: 6	-1:27	B9	9.05	8.73	69	10	23	320	4.1C	78.049
713	600	592	17:31:55	-61:24:24	253980?	-0:31	-2: 8	A2	10.20	9.92	69	10	23	320	4.1C	78.049
714	946	715	17:32: 2	-68:55:50	NO						105	9	25	388	4.1C	94.634
715	949	710	17:32: 5	-68:56: 9	NO						70	6	23	187	3.0C	62.333
716	387	555	17:35:33	-56:51:13	244922	-0: 2	-0:18	B9	8.73	8.39	238	10	186	364	3.0L	121.333
717	388	553	17:35:40	-56:51:26	244922	0: 5	-0:32	B9	8.73	8.39	75	14	26	440	4.1C	107.317
718	391	550	17:35:41	-56:52: 8	244922	0: 5	-1:13	B9	8.73	8.39	54	6	22	170 L	3.0C	56.667
719	537	600	17:36:12	-60:10:56	253997	-0: 4	-1:44	B9	9.88	8.53	53	4	23	102 L	4.1C	24.878
720	764	685	17:38:43	-65:16:55							60	6	25	1817	4.1C	44.146
721	387	581	17:39:12	-57: 1:32	244967	-0: 5	-1:34	B9	6.88	.00	341	35	182	2216	3.0L	738.667
722	391	575	17:39:13	-57: 0:54	244967	-0: 4	-0:56	B9	6.88	.00	149	34	23	1874	3.0C	624.667
723	388	579	17:39:18	-57: 1:51	244967	0: 2	-1:53	B9	6.88	.00	192	39	26	2566	4.1C	625.854
724	744	684	17:39:19	-64:51:34	NO						102	4	77	95	1.0L	95.000
725	743	681	17:39:20	-64:50:42	NO						101	22	25	942	4.1C	229.756
726	388	584	17:39:22	-57: 2:15	244967	0: 5	-2:17	B9	6.88	.00	155	17	79	787	1.0L	787.000
727	743	683	17:39:23	-64:51:35	NO						240	22	176	885	3.0L	295.000
728	746	678	17:39:30	-64:51:20	NO						81	15	23	565	3.0C	188.333
729	180	525	17:40:17	-52:36:28	244976	0:17	-1: 1	B8	7.90	7.50	233	24	170	880	3.0L	293.333
730	182	522	17:40:18	-52:37:37	244976	0:18	-2:10	B8	7.90	7.50	106	26	30	1102	4.1C	268.780
731	184	519	17:40:20	-52:35:48	244976	0:20	-0:21	B8	7.90	7.50	82	22	22	791	3.0C	263.667
732	181	528	17:40:23	-52:37: 8	244976	0:23	-1:41	B8	7.90	7.50	101	6	73	148 L	1.0L	148.000
733	250	554	17:41: 9	-54: 7: 6	NO						220	14	176	419	3.0L	139.667
734	254	548	17:41: 9	-54: 7:39	NO						60	8	22	236	3.0C	78.667
735	251	551	17:41:11	-54: 7: 5	NO						75	14	26	460	4.1C	112.195
736	607	660	17:41:53	-61:57:37	NO						125	9	77	295	1.0L	295.000
737	606	659	17:41:58	-61:57:39	NO						289	14	183	706	3.0L	235.333
738	343	591	17:42:22	-56:11:27							216	11	183	279?	3.0L	93.000
739	608	658	17:42:50	-61:57:33	NO						135	14	22	839	3.0C	279.667
740	605	662	17:42:55	-61:57:19	NO						162	17	25	994	4.1C	242.439
741	801	723	17:43: 9	-66:13:18	NO						235	31	175	1147	3.0L	382.333
742	345	590	17:43:10	-56:11:20	245020?	0:10	-6:27	A0	10.00	9.93	60	21	23	549	3.0C	183.000
743	804	718	17:43:15	-66:13: 4	NO						89	25	22	999	3.0C	333.000
744	801	722	17:43:15	-66:12:50	NO						119	35	27	1603	4.1C	390.976
745	771	713	17:43:20	-65:34:12	NO						99	24	26	999	4.1C	243.659
746	801	725	17:43:22	-66:12:22	NO						101	7	75	167	1.0L	167.000
747	771	715	17:43:25	-65:34:59	NO						225	19	176	629	3.0L	209.667
748	774	709	17:43:31	-65:34:45	NO						81	21	22	749	3.0C	249.667
749	271	582	17:44: 5	-54:41:38	245031	0:13	-0:28	B8	8.84	8.46	221	11	174	348 L	3.0L	116.000
750	272	579	17:44: 6	-54:41:43	245031	0:13	-0:32	B8	8.84	8.46	81	17	27	559	4.1C	136.341
751	274	576	17:44: 7	-54:41: 2	245031	0:15	0: 9	B8	8.84	8.46	61	8	22	238 L	3.0C	79.333
752	487	640	17:44:16	-59:24:20	245028?	0:39	1:30	A0	9.90	9.52	83	16	23	578	4.1C	140.976
753	487	640	17:44:16	-59:24:20	245047	-0:15	-2: 9	B9	8.40	8.10	83	16	23	578	4.1C	140.976
754	489	637	17:44:22	-59:23:40	245047	-0: 9	-1:29	B9	8.40	8.10	61	10	20	306	3.0C	102.000
755	486	643	17:44:23	-59:24:14	245047	-0: 9	-2: 3	B9	8.40	8.10	232	14	181	475	3.0L	158.333
756	595	668	17:44:60	-61:44:45	254048	-0:15	-2:48	B9	6.62	.00	168	36	22	2161	3.0C	720.333
757	592	672	17:45: 4	-61:44:32	254048	-0:11	-2:35	B9	6.62	.00	196	41	25	2807	4.1C	684.634
758	591	674	17:45: 5	-61:44: 5	254048	-0:10	-2: 8	B9	6.62	.00	353	37	183	2590	3.0L	863.333
759	592	676	17:45: 9	-61:44:21	254048	-0: 6	-2:24	B9	6.62	.00	172	25	79	1141	1.0L	1141.000
760	215	588	17:46:41	-53:35:36	245065	0:17	0:18	B3	5.90	.00	402	90	74	8789	1.0L	8789.000
761	214	585	17:46:42	-53:35:21	245065	0:18	0:32	B3	5.90	.00	459	180	169	16133	3.0L	5377.667
762	218	579	17:46:43	-53:35:57	245065	0:19	-0: 4	B3	5.90	.00	419	127	26	13681	3.0C	4560.333
763	215	582	17:46:44	-53:35:29	245065	0:20	0:24	B3	5.90	.00	432	155	35	17202	4.1C	4195.610
764	427	649	17:47:14	-58:12: 2							111	9	79	248?	1.0L	248.000
765	189	583	17:47:25	-53: 6: 5	245072	0:17	0:57	A0	6.40	.00	243	21	167	934	3.0L	311.333
766	183	578	17:47:27	-52:57:10	245071	0:20	0: 1	B9	9.42	9.02	55	7	29	157	4.1C	38.293
767	183	578	17:47:27	-52:57:10	245074?	0:12	-2: 1	A0	10.20	10.07	55	7	29	157	4.1C	38.293
768	190	587	17:47:32	-53: 6:39	245072	0:24	0:23	A0	6.40	.00	108	10	70	296	1.0L	296.000
769	193	578	17:47:34	-53: 7: 1	245072	0:26	0: 1	A0	6.40	.00	113	28	25	1279	3.0C	426.333
770	191	581	17:47:34	-53: 7:47	245072	0:26	-0:45	A0	6.40	.00	145	33	33	1824	4.1C	444.878
771	721	723	17:47:48	-64:38:18							55	5	26	123?	4.1C	30.000
772	418	653	17:48:17	-58: 3:36	245085	-0:17	-1:38	B9	9.94	9.61	207	4	181	94	3.0L	31.333
773	689	720	17:48:48	-63:58:35	254064	-0: 2	-1:39	A0	7.81	7.53	57	7	25	179 L	4.1C	43.659
774	159	579	17:48:56	-52:29: 7	245087	0:16	-0:58	B9	8.17	7.80	46	4	22	91 L	3.0C	30.333
775	155	586	17:49: 3	-52:28:50	245087	0:22	-0:41	B9	8.17	7.80	178	10	151	235 L	3.0L	78.333
776	156	583	17:49: 7	-52:29: 2	245087	0:26	-0:53	B9	8.17	7.80	61	11	27	298 L	4.1C	72.683
777	455	671	17:49:37	-58:54:25	245103	-0:26	-0:18	B9	7.61	7.30	265	20	180	857	3.0L	285.667
778	456	669	17:49:41	-58:54:58	245103	-0:21	-0:51	B9	7.61	7.30	115	24	26	1066	4.1C	260.000
779	456	674	17:49:49	-58:54:56	245103	-0:14	-0:50	B9	7.61	7.30	114	10	76	287	1.0L	287.000
780	459	666	17:49:54	-58:55:44	245103	-0: 9	-1:37	B9	7.61	7.30	92	20	22	769	3.0C	256.333
781	314	642	17:50:33	-55:53:20	245108	0: 2	0: 1	B9	7.48	.00	222	12	174	386 L	3.0L	128.667
782	318	636	17:50:33	-55:54: 1	245108	0: 1	-0:39	B9	7.48	.00	63	10	21	308 L	3.0C	102.667
783	315	639	17:50:33	-55:53:35	245108	0: 1	-0:14	B9	7.48	.00	81	16	27	543	4.1C	132.439
784	384	667	17:51:34	-57:26: 4	245121	-0:17	-0:35	B8	8.78	8.42	225	12	181	371	3.0L	123.667
785	384	665	17:51:42	-57:25:26	245121	-0: 9	0: 2	B8	8.78	8.42	72	13	27	386 L	4.1C	94.146
786	387	662	17:51:44	-57:25:51	245121	-0: 7	-0:22	B8	8.78	8.42	58	9	23	238 L	3.0C	79.333
787	239	636	17:52:27	-54:20:34	245127	0:10	1:41	B9	7.68	7.20	251	24	167	1096	3.0L	365.333
788	240	633	17:52:28	-54:20:52	245127	0:11	1:23	B9	7.68	7.20	121	27	30	1260	4.1C	307.317
789	242	630	17:52:29	-54:20: 1	245127	0:12	2:14	B9	7.68	7.20	93	24	22	928	3.0C	309.333
790	240	639	17:52:35	-54:21: 3	245127	0:18	1:13	B9	7.68	7.20	108	10	72	278	1.0L	278.000
791	357	669	17:53: 9	-56:53:21	245133	-0:18	0: 6	B8	6.54	.00	326	73	30	6740	4.1C	1643.902
792	356	672	17:53:11	-56:53: 1	245133	-0:16	0:26	B8	6.54	.00	415	60	181	4592	3.0L	1530.667
793	357	674	17:53:12	-56:53:11	245133	-0:15	0:15	B8	6.54	.00	260	39	78	2675	1.0L	2675.000
794	360	666	17:53:19	-56:54: 2	245133	-0: 8	-0:35	B8	6.54	.00	280	63	26	5166	3.0C	1722.000
795	410	717	17:57:58	-58:12:53	245187	-0:15	0: 9	B9	9.27	8.94	204	4	177	967	3.0L	32.000
796	732	783	17:58:47	-65: 7:33	254121	0:22	-1:48	B8	8.28	.00	80	24	23	837	3.0C	279.000
797	311	698	17:58:48	-56: 6:17	245196/	-0: 1	-2:22	A0	8.29	8.05	52	4	28	90 L	4.1C	21.951
798	311	698	17:58:48	-56: 6:17	245198/	-0: 9	1:18	B9	8.83	8.57	52	4	28	90 L	4.1C	21.951
799	729	787	17:58:48	-65: 7:30	254121	0:23	-1:45	B8	8.28	.00	102	30	27	1291	4.1C	314.878
800	730	790	17:58:49	-65: 7:45	254121	0:23	-1:60	B8	8.28	.00	99	6	74	135	1.0L	135.000

NORMA RA 17:24 DEC -59:04

OBJECT NO.	X	Y	R.A.	DEC.	SAO NO.	Δ R.A.	Δ DEC.	SPEC. TYPE	V MAG.	P MAG.	PEAK DEN.	NO. OF POINTS	BG	DENSITY VOLUME	EXP.& FILTER	DEN./VOL/ EXP.
801	728	789	17:58:55	-65: 6:43	254121	0:29	-0:58	B8	8.28	.00	230	25	170	950	3.0L	316.667
802	281	705	18: 0:18	-55:31:20	245218	-0: 6	3: 4	B8	8.43	8.00	215	11	168	369 L	3.0L	123.000
803	284	698	18: 0:20	-55:30:52	245218	-0: 4	3:32	B8	8.43	8.00	68	11	23	318 L	3.0C	106.000
804	282	703	18: 0:26	-55:32: 7	245218	0: 2	2:17	B8	8.43	8.00	77	17	28	553	4.1C	134.878
805	422	747	18: 1:40	-58:34:32	245237	-0:27	0: 2	B5	7.21	.00	216	31	76	1871	1.0L	1871.000
806	420	745	18: 1:40	-58:33:14	245237	-0:27	1:20	B5	7.21	.00	383	46	180	3330	3.0L	1110.000
807	421	742	18: 1:45	-58:34: 4	245237	-0:22	0:30	B5	7.21	.00	274	57	29	4564	4.1C	1113.171
808	424	739	18: 1:47	-58:34:19	245237	-0:19	0:15	B5	7.21	.00	219	48	24	3414	3.0C	1138.000
809	296	755	18: 6:37	-56: 5: 8	245288	-0:15	2:44	B9	8.90	8.41	222	19	170	641	3.0L	213.667
810	296	755	18: 6:37	-56: 5: 8	245290?	-0:25	3:38	A0	10.10	9.91	222	19	170	641	3.0L	213.667
811	297	752	18: 6:38	-56: 4:35	245288	-0:14	3:16	B9	8.90	8.41	81	16	27	569	4.1C	138.780
812	297	752	18: 6:38	-56: 4:35	245290?	-0:24	4:10	A0	10.10	9.91	81	16	27	569	4.1C	138.780
813	300	749	18: 6:39	-56: 4:44	245288	-0:14	3: 8	B9	8.90	8.41	60	16	26	419	3.0C	139.667
814	300	749	18: 6:39	-56: 4:44	245290?	-0:23	4: 2	A0	10.10	9.91	60	16	26	419	3.0C	139.667
815	541	797	18: 7:31	-61:15: 4	254170	-0:19	-0:14	B5	8.34	7.87	97	22	24	871 L	3.0C	290.333
816	537	803	18: 7:32	-61:15:23	254170	-0:17	-0:32	B5	8.34	7.87	262	26	179	1134	3.0L	378.000
817	538	801	18: 7:33	-61:16:22	254170	-0:16	-1:31	B5	8.34	7.87	126	28	27	1347	4.1C	328.537
818	539	805	18: 7:34	-61:16:36	254170	-0:15	-1:45	B5	8.34	7.87	112	9	75	261 L	1.0L	261.000
819	800	867	18:10:32	-66:54:18	NO						94	54	27	2062	4.1C	502.927
820	803	863	18:10:33	-66:54:14	NO						71	35	23	1161	3.0C	387.000
821	800	869	18:10:40	-66:54:28	NO						212	36	184	1204	3.0L	401.333
822	454	815	18:11:50	-59:34:48	245361	-0:29	0: 2	A0	7.70	7.30	111	27	27	1241 H	4.1C	302.683
823	453	818	18:11:56	-59:33:56	245361	-0:23	0:54	A0	7.70	7.30	248	23	177	929	3.0L	309.667
824	456	812	18:11:56	-59:33:38	245361	-0:23	1:12	A0	7.70	7.30	90	22	24	833	3.0C	277.667
825	454	820	18:11:59	-59:33:52	245361	-0:20	0:58	A0	7.70	7.30	103	6	74	153	1.0L	153.000
826	386	811	18:12:24	-58: 9:13	245368	-0:28	2:58	A0	8.81	8.32	233	21	171	811 H	3.0L	270.333
827	387	809	18:12:30	-58:10:24	245368	-0:22	1:45	A0	8.81	8.32	95	21	29	793 H	4.1C	193.415
828	388	814	18:12:32	-58:11:56	245368	-0:20	0:13	A0	8.81	8.32	97	4	73	92	1.0L	92.000
829	390	806	18:12:32	-58:10:27	245368	-0:19	1:42	A0	8.81	8.32	73	16	25	507 L	3.0C	169.000
830	282	795	18:12:37	-56: 0:12	245369	-0:18	2:18	B5	5.54	.00	463	145	173	15012	3.0L	5004.000
831	283	792	18:12:38	-55:59:49	245369	-0:17	2:40	B5	5.54	.00	440	152	33	18057	4.1C	4404.146
832	286	789	18:12:39	-55:59:51	245369	-0:16	2:39	B5	5.54	.00	415	124	29	14066	3.0C	4688.667
833	283	798	18:12:46	-56: 0:20	245369	-0: 9	2: 9	B5	5.54	.00	400	86	75	8778	1.0L	8778.000
834	653	861	18:14:28	-63:54:13	254204	0:17	-1:48	A0	8.59	8.33	52	6	26	141	4.1C	34.390
835	461	842	18:15:40	-59:50:54	245405	-0:33	0:50	B8	7.21	.00	367	85	31	8890 H	4.1C	2168.293
836	461	845	18:15:45	-59:51:11	245405	-0:28	0:34	B8	7.21	.00	439	91	179	8880 H	3.0L	2960.000
837	464	839	18:15:45	-59:50:56	245405	-0:29	0:49	B8	7.21	.00	325	75	27	6743 H	3.0C	2247.667
838	462	847	18:15:48	-59:51: 3	245405	-0:25	0:41	B8	7.21	.00	290	57	76	4336 H	1.0L	4336.000
839	321	824	18:16:18	-56:55:28	245411	-0:13	1:52	B9	7.73	.00	136	44	28	2232 H	4.1C	544.390
840	322	830	18:16:19	-56:55:37	245411	-0:12	1:42	B9	7.73	.00	112	17	70	522 H	1.0L	522.000
841	320	827	18:16:20	-56:54:30	245411	-0:12	2:50	B9	7.73	.00	268	43	167	2097 H	3.0L	699.000
842	324	821	18:16:21	-56:54:12	245411	-0:10	3: 8	B9	7.73	.00	108	32	24	1457	3.0C	485.667
843	446	865	18:19:44	-59:38:54	245441	-0:12	-0:19	B9	7.56	.00	144	40	28	2140 H	4.1C	521.951
844	445	868	18:19:49	-59:37:49	245441	-0: 7	0:46	B9	7.56	.00	272	42	171	2030 H	3.0L	676.667
845	449	862	18:19:49	-59:37:37	245441	-0: 7	0:59	B9	7.56	.00	111	32	25	1415	3.0C	471.667
846	446	870	18:19:52	-59:37:39	245441	-0: 4	0:56	B9	7.56	.00	109	15	70	462	1.0L	462.000
847	247	839	18:20: 9	-55:30:45							56	5	28	1277	4.1C	30.976
848	569	921	18:27:18	-62:20:22	254273	0:35	-1:36	B8	4.81	.00	441	159	28	20358	3.0C	6786.000
849	569	921	18:27:18	-62:20:22	254275?	0:26	-0:21	A2	7.76	.00	441	159	28	20358	3.0C	6786.000
850	566	927	18:27:19	-62:20:27	254273	0:37	-1:41	B8	4.81	00	472	194	178	22974	3.0L	7658.000
851	566	927	18:27:19	-62:20:27	254275?	0:28	-0:27	A2	7.76	.00	472	199	178	22974	3.0L	7658.000
852	566	925	18:27:21	-62:20:39	254273	0:38	-1:53	B8	4.81	.00	451	196	34	25493	4.1C	6215.366
853	566	925	18:27:21	-62:20:39	254275?	0:29	-0:38	A2	7.76	.00	451	196	34	25493	4.1C	6215.366
854	567	929	18:27:24	-62:20:10	254273	0:42	-1:24	B8	4.81	.00	415	124	72	14287	1.0L	14287.000
855	567	929	18:27:24	-62:20:10	254275?	0:33	-0:10	A2	7.76	.00	415	124	72	14287	1.0L	14287.000

AQUARIUS RA 22:58 TO 23:16 DEC -05:06 TO -03:12

OBJECT NO.	X	Y	R.A.	DEC.	SAO NO.	Δ R.A.	Δ DEC.	SPEC. TYPE	V MAG.	P MAG.	PEAK DEN.	NO. OF POINTS	BG	DENSITY VOLUME	EXP.& FILTER	DEN.VOL/ EXP.
1	984	553	22:18:23	-6:24:11	146041?	-0:24	5:32	A2	7.46	.00	385	68	348	1702?H	3.0L	567.333
2	976	560	22:18:59	-6:32:32	146041?	0:12	-2:49	A2	7.46	.00	389	48	355	1167?H	3.0L	389.000
3	897	488	22:21:17	-5: 6:16	146067	-0:13	-0:50	A0	5.85	.00	149	66	16	3999	3.0C	1299.667
4	954	489	22:21:30	-5: 6:16	146067	-0: 0	-0:50	A0	5.85	.00	308	129	19	12576	10.0C	1257.600
5	944	489	22:21:34	-5: 5: 5	146067	0: 3	0:21	A0	5.85	.00	175	36	125	1192	1.0L	1192.000
6	945	488	22:21:37	-5: 4:44	146067	0: 6	0:42	A0	5.85	.00	374	79	274	3885	3.0L	1295.000
7	963	491	22:21:38	-5: 6: 8	146067	0: 8	-0:42	A0	5.85	.00	387	264	27	36497	30.0C	1216.567
8	819	239	22:27:16	-0: 1:32	146126	-0:20	5:34	A0	7.80	.00	53	15	17	428	3.0C	142.667
9	867	241	22:27:27	-0: 1:43	146126	-0: 9	5:23	A0	7.80	.00	198	19	165	496	3.0L	165.333
10	886	242	22:27:27	-0: 1:14	146126	-0:10	5:52	A0	7.80	.00	176	156	26	11252	30.0C	375.067
11	876	240	22:27:31	-0: 1:18	146126	-0: 5	5:48	A0	7.80	.00	123	65	19	3312 H	10.0C	331.200
12	878	791	22:27:44	-11: 0:49	165134	-0:17	-4:45	A0	4.89	.00	418	173	20	22483	10.0C	2248.300
13	869	791	22:27:48	-10:59:31	165134	-0:12	-3:27	A0	4.89	.00	189	65	112	2726	1.0L	2726.000
14	871	791	22:27:48	-11: 0:15	165134	-0:12	-4:11	A0	4.89	.00	399	113	250	7405	3.0L	2468.333
15	821	790	22:27:48	-11: 2:31	165134	-0:12	-6:27	A0	4.89	.00	228	96	16	7748	3.0C	2582.667
16	887	793	22:27:49	-10:59: 9	165134	-0:11	-3: 5	A0	4.89	.00	427	297	28	49403	30.0C	1646.767
17	879	366	22:27:58	-2:31:43							58	9	23	237?	30.0C	7.900
18	846	658	22:29:29	-8:32:15	146141?	-0:20	0: 6	A2	9.10	.00	80	4	46	99?H	.5L	198.000
19	799	252	22:32:37	-0:19:32	146181	-0:10	3: 1	B8	4.13	.00	128	44	38	2097	.5L	4194.000
20	801	257	22:32:39	-0:19:32	146181	-0: 9	3: 1	B8	4.13	.00	467	161	163	17321 L	3.0L	5773.667
21	751	256	22:32:39	-0:19:30	146181	-0: 8	3: 3	B8	4.13	.00	440	139	18	17639 L	3.0C	5879.667
22	799	258	22:32:43	-0:20: 7	146181	-0: 4	2:26	B8	4.13	.00	406	104	72	11808 L	1.0L	11808.000
23	808	256	22:32:47	-0:19:27	146181	0: 0	3: 6	B8	4.13	.00	477	296	22	40833 H	10.0C	4083.300
24	818	259	22:32:48	-0:19: 8	146181	0: 0	3:24	B8	4.13	.00	436	588	31	88258 L	30.0C	2941.933
25	720	428	22:39:26	-3:43:25	146252	-0: 5	0:43	A0	7.70	.00	210	4	185	94 L	3.0L	31.333
26	737	429	22:39:27	-3:43:18	146252	-0: 4	0:49	A0	7.70	.00	108	68	21	3495	30.0C	116.500
27	727	427	22:39:30	-3:43:48	146252	-0: 1	0:20	A0	7.70	.00	86	22	16	938	10.0C	93.800
28	959	507	22:39:34	-3:45: 9	146252	0: 2	-1: 2	A0	7.70	.00	61	29	18	871	10.0C	87.100
29	670	427	22:39:36	-3:42:33	146252	0: 5	1:34	A0	7.70	.00	44	5	13	131 L	3.0C	43.667
30	734	892	22:39:40	-12:56:34	165243	-0:14	-7:15	A0	7.90	.00	129	70	19	3703 H	10.0C	370.300
31	728	892	22:39:42	-12:55: 4	165243	-0:11	-5:46	A0	7.90	.00	227	19	190	484	3.0L	161.333
32	678	892	22:39:43	-12:57:30	165243	-0:10	-8:11	A0	7.90	.00	54	25	16	694	3.0C	231.333
33	955	509	22:39:43	-3:45:28	146252	0:11	-1:20	A0	7.70	.00	307	4	285	86 L	3.0L	28.667
34	967	509	22:39:43	-3:45:44	146252	0:12	-1:36	A0	7.70	.00	87	99	22	4055	30.0C	135.167
35	742	894	22:39:51	-12:55:46	165243	-0: 3	-6:27	A0	7.90	.00	169	170	24	11954 H	30.0C	398.467
36	959	470	22:40:11	-2:57:52	146268	-0:11	-1:10	B9	8.20	.00	99	109	21	5138	30.0C	171.267
37	726	391	22:40:18	-2:56: 3	146268	-0: 5	0:38	B9	8.20	.00	120	77	20	4303	30.0C	143.433
38	708	390	22:40:22	-2:56: 2	146268	-0: 1	0:40	B9	8.20	.00	209	8	176	208 L	3.0L	69.333
39	659	388	22:40:22	-2:54: 2	146268	-0: 1	2:40	B9	8.20	.00	45	4	15	115 L	3.0C	38.333
40	715	388	22:40:27	-2:55:14	146268	0: 4	1:27	B9	8.20	.00	98	25	17	1120 L	10.0C	112.000
41	946	467	22:40:27	-2:55:39	146268	0: 4	1: 2	B9	8.20	.00	67	36	17	1188	10.0C	118.800
42	731	603	22:40:29	-7:14:13	146273	-0: 9	-0:42	B9	6.30	.00	333	159	23	18772 L	30.0C	625.733
43	712	602	22:40:33	-7:13:57	146273	-0: 5	-0:26	B9	6.30	.00	151	16	92	600 L	1.0L	600.000
44	946	684	22:40:33	-7:17:13	146273	-0: 5	-3:42	B9	6.30	.00	179	16	152	360 L	1.0L	360.000
45	950	687	22:40:33	-7:17:39	146273	-0: 5	-4: 8	B9	6.30	.00	188	77	18	5707	10.0C	570.700
46	664	601	22:40:34	-7:12:36	146273	-0: 3	0:55	B9	6.30	.00	139	30	14	1730	3.0C	576.667
47	720	600	22:40:35	-7:13:29	146273	-0: 2	0: 2	B9	6.30	.00	290	66	18	6183 L	10.0C	618.300
48	713	602	22:40:36	-7:14:18	146273	-0: 1	-0:47	B9	6.30	.00	326	36	207	1942	3.0L	647.333
49	947	688	22:40:36	-7:16:50	146273	-0: 2	-3:19	B9	6.30	.00	385	206	324	6515	3.0L	2171.667
50	953	686	22:41: 1	-7:14:10	146273	0:24	-0:39	B9	6.30	.00	82	23	27	806 L	30.0C	26.867
51	690	302	22:41:28	-1: 7:48	146282?	-0: 9	5:11	A3	8.80	.00	227	73	77	4028?H	1.0L	4028.000
52	676	75	22:43: 6	3:23:52	127740	0: 1	1:48	B9	8.20	.00	166	27	130	728	3.0L	242.667
53	627	74	22:43: 9	3:24:46	127740	0: 4	2:42	B9	8.20	.00	54	19	16	545	3.0C	181.667
54	694	77	22:43:13	3:22:28	127740	0: 7	0:23	B9	8.20	.00	178	157	21	11798	30.0C	393.267
55	685	74	22:43:14	3:23: 2	127740	0: 9	0:58	B9	8.20	.00	139	70	18	3884	10.0C	388.400
56	650	939	22:47:31	-13:44:18	NO						71	79	29	2343	30.0C	78.100
57	639	935	22:47:35	-13:42:40	NO						52	16	22	403	10.0C	40.300
58	608	310	22:49:55	-1: 7:32							48	4	20	106?	30.0C	3.533
59	596	841	22:50:43	-11:53:59	165359	-0: 7	-1: 1	B9	5.89	.00	62	8	33	199	.5L	398.000
60	604	845	22:50:43	-11:55: 7	165359	-0: 8	-2: 9	B9	5.89	.00	441	126	20	16914	10.0C	1691.400
61	596	847	22:50:44	-11:53:48	165359	-0: 7	-0:50	B9	5.89	.00	204	51	72	2913	1.0L	2913.000
62	598	847	22:50:45	-11:53:56	165359	-0: 6	-0:58	B9	5.89	.00	408	75	169	6730	3.0L	2243.333
63	613	848	22:50:48	-11:55:23	165359	-0: 3	-2:25	B9	5.89	.00	425	288	24	44273	30.0C	1475.767
64	548	846	22:50:52	-11:52:26	165359	0: 1	0:32	B9	5.89	.00	298	66	17	6119	3.0C	2039.667
65	809	695	22:52:43	-7:21:28	NO						47	4	24	88	30.0C	2.933
66	786	470	22:52:53	-2:52:28							239	4	207	102?	3.0L	34.000
67	583	615	22:52:56	-7:15: 3	NO						57	22	20	631	30.0C	21.033
68	573	613	22:52:58	-7:15:56	NO						44	6	16	148	10.0C	14.800
69	795	690	22:53: 8	-7:16:49	NO						44	6	18	140	10.0C	14.000
70	579	614	22:53:16	-7:13:31							55	13	19	372?	30.0C	12.400
71	802	691	22:53:17	-7:15:60	NO						53	34	20	958	30.0C	31.933
72	534	158	22:56: 2	2: 1:45							46	4	19	967	30.0C	3.200
73	537	677	22:56:12	-8:29: 7	146422	-0:11	-0:13	A0	8.70	.00	63	16	17	520	10.0C	52.000
74	768	757	22:56:12	-8:31:12	146422	-0:11	-2:19	A0	8.70	.00	75	63	21	2374	30.0C	79.133
75	538	473	22:56:16	-4:17:53							58	6	17	194?	30.0C	6.467
76	758	754	22:56:18	-8:30:36	146422	-0: 5	-1:43	A0	8.70	.00	56	17	17	503	10.0C	50.300
77	544	678	22:56:26	-8:28:40	146422	0: 2	2:13	A0	8.70	.00	77	56	20	2171	30.0C	72.367
78	541	820	22:56:53	-11:14:33							47	4	21	92?	30.0C	3.067
79	484	248	23: 0:16	0:21:35							48	4	19	100?	30.0C	3.333
80	464	526	23: 1:12	-5:16: 9	NO						105	6	66	161	1.0L	161.000
81	688	161	23: 1:18	3:29:59	127934	-0: 2	-3: 3	B5	4.58	.00	445	701	30	119663 L	30.0C	3988.767
82	679	159	23: 1:20	3:30:39	127934	-0: 0	-2:23	B5	4.58	.00	482	368	20	50165	10.0C	5016.500
83	677	159	23: 1:21	3:32:21	127934	0: 1	-0:41	B5	4.58	.00	477	275	135	32252	3.0L	10750.667
84	675	156	23: 1:23	3:30:52	127934	0: 3	-2:10	B5	4.58	.00	453	163	65	20841	1.0L	20841.000
85	451	77	23: 1:25	3:32:51	127934	0: 5	-0:11	B5	4.58	.00	169	73	43	4149	.5L	8298.000
86	452	83	23: 1:26	3:32:57	127934	0: 6	-0: 5	B5	4.58	.00	477	272	128	36140	3.0L	12046.667
87	451	83	23: 1:27	3:32:43	127934	0: 7	-0:19	B5	4.58	.00	452	172	63	23832	1.0L	23832.000
88	461	81	23: 1:28	3:36:52	127934	0: 8	3:50	B5	4.58	.00	491	390	23	61450 L	10.0C	6145.000
89	469	85	23: 1:31	3:35:44	127934	0:12	2:42	B5	4.58	.00	447	674	31	113531 L	30.0C	3784.367
90	403	82	23: 1:35	3:32:41	127934	0:15	-0:21	B5	4.58	.00	457	183	17	26320	3.0C	8773.333
91	833	162	23: 1:36	3:34:21	127934	0:16	1:19	B5	4.58	.00	395	186	18	22143	3.0C	7381.000
92	442	213	23: 2:58	1: 2:38							55	10	16	286?	10.0C	28.600
93	685	746	23: 3: 8	-8:14: 7	146505	-0: 8	-1:42	A0	6.85	.00	206	114	22	9496	30.0C	316.533
94	676	744	23: 3: 9	-8:13:35	146505	-0: 7	-1:10	A0	6.85	.00	153	41	18	2566	10.0C	256.600
95	447	673	23: 3:10	-8:11:16	146505	-0: 6	1: 9	A0	6.85	.00	93	4	68	90 L	1.0L	90.000
96	465	673	23: 3:10	-8:10:52	146505	-0: 6	1:33	A0	6.85	.00	169	105	21	7676	30.0C	255.867
97	455	670	23: 3:12	-8:10:45	146505	-0: 5	1:40	A0	6.85	.00	136	41	19	2183	10.0C	218.300
98	673	744	23: 3:12	-8:11:52	146505	-0: 5	0:32	A0	6.85	.00	238	20	181	748	3.0L	249.333
99	448	673	23: 3:14	-8:10:59	146505	-0: 2	1:25	A0	6.85	.00	220	13	158	498 L	3.0L	166.000
100	399	671	23: 3:17	-8: 8:19	146505	0: 1	4: 5	A0	6.85	.00	65	13	15	440 L	3.0C	146.667

AQUARIUS RA 22:58 TO 23:16 DEC -05:06 TO -03:12

OBJECT NO.	X	Y	R.A.	DEC.	SAO NO.	Δ R.A.	Δ DEC.	SPEC. TYPE	V MAG.	P MAG.	PEAK DEN.	NO. OF POINTS	BG	DENSITY VOLUME	EXP.& FILTER	DEN.VOL/ EXP.
101	830	747	23: 3:30	-8: 6:38	146505	0:13	5:47	A0	6.85	.00	76	15	16	576	3.0C	192.000
102	451	448	23: 3:33	-3:37:33							50	5	18	1317	30.0C	4.387
103	621	120	23: 6: 3	4:22:53	127991	0: 0	-1:32	A0	7.70	.00	49	12	16	322 L	10.0C	32.200
104	629	122	23: 6: 5	4:22:21	127991	0: 3	-2: 3	A0	7.70	.00	67	56	21	1858 L	30.0C	61.933
105	415	42	23: 6:11	4:22:41	127991	0: 8	-1:44	A0	7.70	.00	58	45	26	1173 L	30.0C	39.100
106	404	38	23: 6:22	4:23:49	127991	0:20	-0:36	A0	7.70	.00	47	5	24	104 L	10.0C	10.400
107	626	650	23: 7:51	-6:14: 7	146543	-0:13	-0:11	B8	7.01	.00	391	204	24	27176	30.0C	905.867
108	386	577	23: 7:54	-6:15:21	146543	-0:10	-1:26	B8	7.01	.00	61	4	32	113	.5L	226.000
109	395	579	23: 7:56	-6:15:32	146543	-0: 9	-1:37	B8	7.01	.00	386	84	19	9152	10.0C	915.200
110	616	648	23: 7:58	-6:13:28	146543	-0: 7	0:27	B8	7.01	.00	373	87	22	8727	10.0C	872.700
111	612	645	23: 7:59	-6:13:20	146543	-0: 6	0:35	B8	7.01	.00	185	27	76	1478	1.0L	1478.000
112	771	651	23: 7:59	-6:12: 7	146543	-0: 5	1:48	B8	7.01	.00	191	42	18	2614	3.0C	871.333
113	387	582	23: 8: 1	-6:15:20	146543	-0: 4	-1:24	B8	7.01	.00	350	45	146	3061	3.0L	1020.333
114	613	649	23: 8: 1	-6:13: 5	146543	-0: 3	0:50	B8	7.01	.00	366	46	173	2996 H	3.0L	998.667
115	385	581	23: 8: 2	-6:14:24	146543	-0: 2	-0:29	B8	7.01	.00	179	26	64	1392	1.0L	1392.000
116	403	581	23: 8: 3	-6:14: 7	146543	-0: 1	-0:12	B8	7.01	.00	387	191	23	25056	30.0C	835.200
117	338	580	23: 8: 4	-6:14: 5	146543	0: 0	-0: 9	B8	7.01	.00	281	40	16	2806	3.0C	935.333
118	607	781	23: 9:48	-8:46:58							55	6	21	1737	30.0C	5.767
119	566	113	23:11:18	4:38:58	128051	-0:10	-4:30	B2	6.93	.00	432	322	23	51609 L	30.0C	1720.300
120	552	107	23:11:28	4:40:53	128051	0: 0	-2:36	B2	6.93	.00	291	77	58	6347	1.0L	6347.000
121	555	110	23:11:30	4:40:56	128051	0: 2	-2:33	B2	6.93	.00	451	139	19	19677	10.0C	1967.700
122	553	110	23:11:31	4:42:26	128051	0: 3	-1: 3	B2	6.93	.00	432	110	128	11958	3.0L	3986.000
123	710	113	23:11:31	4:41:21	128051	0: 3	-2: 8	B2	6.93	.00	343	72	18	7980 L	3.0C	2660.000
124	560	534	23:12:57	-3:46:21	146593	-0: 2	-0:12	A2	5.55	.00	97	60	18	2948 L	30.0C	98.267
125	549	534	23:12:58	-3:46:50	146593	-0: 1	-0:40	A2	5.55	.00	175	5	148	116 L	3.0L	38.667
126	551	532	23:12:59	-3:45:47	146593	-0: 1	0:22	A2	5.55	.00	76	20	17	733 L	10.0C	73.300
127	330	463	23:13: 0	-3:49:35	146593	0: 1	-3:25	A2	5.55	.00	102	29	16	1298 L	10.0C	129.800
128	322	466	23:13: 2	-3:48:59	146593	0: 2	-2:50	A2	5.55	.00	177	8	140	224 L	3.0L	74.667
129	339	466	23:13: 2	-3:49:20	146593	0: 3	-3:11	A2	5.55	.00	119	74	20	4273 L	30.0C	142.433
130	273	464	23:13: 6	-3:48: 4	146593	0: 6	-1:54	A2	5.55	.00	46	6	14	163 L	3.0C	54.333
131	543	684	23:14:56	-6:45: 6	NO						100	73	21	3353	30.0C	111.767
132	534	682	23:14:57	-6:43:18	NO						86	24	17	915	10.0C	91.500
133	538	952	23:14:58	-12: 4:36	165609	-0: 5	-5:25	A0	6.36	.00	129	63	20	3339	10.0C	333.900
134	325	875	23:15: 1	-12: 0:14	165609	-0: 3	-1: 3	A0	6.36	.00	165	143	22	9947 L	30.0C	331.567
135	322	615	23:15: 3	-6:47:57	NO						93	69	21	3049	30.0C	101.633
136	688	685	23:15: 3	-6:45:11	NO						65	11	18	349	3.0C	116.333
137	546	954	23:15: 3	-12: 4:59	165609	-0: 1	-5:48	A0	6.36	.00	203	163	24	13053	30.0C	435.100
138	534	952	23:15: 5	-12: 1:47	165609	0: 1	-2:35	A0	6.36	.00	191	23	150	692 L	3.0L	230.667
139	314	872	23:15: 6	-12: 1:33	165609	0: 3	-2:21	A0	6.36	.00	134	58	19	3089 L	10.0C	308.900
140	257	873	23:15: 9	-12: 0:32	165609	0: 5	-1:20	A0	6.36	.00	55	15	17	436 L	3.0C	145.333
141	545	819	23:15: 9	-9:24:27	146620	-0: 9	2:54	B5	4.56	.00	447	888	39	143534	30.0C	4784.467
142	307	875	23:15:13	-12: 0:44	165609	0:10	-1:32	A0	6.36	.00	173	19	132	566 L	3.0L	188.667
143	254	613	23:15:13	-6:47:27	NO						39	4	14	93	3.0C	31.000
144	533	819	23:15:13	-9:24:54	146620	-0: 5	2:26	B5	4.56	.00	472	287	160	29976	3.0L	9992.000
145	310	611	23:15:14	-6:46:43	NO						74	22	17	791	10.0C	79.100
146	303	614	23:15:15	-6:45:60	NO						178	10	138	290	3.0L	96.667
147	690	821	23:15:15	-9:25:25	146620	-0: 3	1:56	B5	4.56	.00	389	241	19	25898	3.0C	8632.667
148	531	815	23:15:16	-9:25: 6	146620	-0: 2	2:15	B5	4.56	.00	448	169	71	17752	1.0L	17752.000
149	324	747	23:15:17	-9:25: 0	146620	-0: 1	2:21	B5	4.56	.00	450	819	35	126660 L	30.0C	4222.000
150	691	955	23:15:17	-12: 2:55	165609	0:14	-3:44	A0	6.36	.00	62	20	22	608 L	3.0C	202.667
151	304	742	23:15:21	-9:25:36	146620	0: 3	1:44	B5	4.56	.00	277	61	30	5010	.5L	10020.000
152	534	818	23:15:21	-9:25: 1	146620	0: 3	2:20	B5	4.56	.00	482	430	25	61328	10.0C	6132.800
153	306	747	23:15:22	-9:24:24	146620	0: 3	2:57	B5	4.56	.00	472	284	137	30018	3.0L	10006.000
154	256	745	23:15:24	-9:25:33	146620	0: 5	1:48	B5	4.56	.00	452	223	18	26145	3.0C	8715.000
155	303	746	23:15:27	-9:24:50	146620	0: 9	2:31	B5	4.56	.00	442	159	59	16835	1.0L	16835.000
156	312	744	23:15:28	-9:25: 0	146620	0:10	2:21	B5	4.56	.00	485	421	23	63285	10.0C	6328.500
157	532	981	23:16:12	-12:34:43	165622	-0:13	-8: 5	A0	7.60	.00	75	82	25	2830	30.0C	94.300
158	532	844	23:16:13	-9:52: 9	146635	-0: 9	0:55	A0	5.16	.00	424	340	33	47347	30.0C	1578.233
159	523	842	23:16:14	-9:51:38	146635	-0: 8	1:25	A0	5.16	.00	433	133	24	15918	10.0C	1591.800
160	520	842	23:16:16	-9:50: 9	146635	-0: 5	2:55	A0	5.16	.00	404	69	155	5440	3.0L	1813.333
161	531	808	23:16:17	-9:10:49	146637?	-0: 9	9:11	A2	9.40	.00	64	5	38	115 L	30.0C	3.833
162	519	981	23:16:20	-12:35: 8	165622	-0: 5	-8:30	A0	7.60	.00	158	161	107	6284 H	3.0L	2094.667
163	521	978	23:16:23	-12:32:52	165622	-0: 3	-6:13	A0	7.60	.00	51	16	20	408 L	10.0C	40.800
164	518	839	23:16:24	-9:51:30	146635	0: 3	1:34	A0	5.16	.00	203	45	65	2712	1.0L	2712.000
165	307	900	23:16:25	-12:28:48	165622	-0: 0	-3: 9	A0	7.60	.00	68	65	22	2198 L	30.0C	73.267
166	677	845	23:16:25	-9:52:57	146635	0: 3	0: 6	A0	5.16	.00	296	63	19	5640	3.0C	1880.000
167	243	768	23:16:26	-9:51:57	146635	0: 5	1: 6	A0	5.16	.00	279	67	18	5366	3.0C	1788.667
168	291	764	23:16:29	-9:50:43	146635	0: 7	2:21	A0	5.16	.00	57	7	30	162 L	.5L	324.000
169	290	789	23:16:30	-9:51:18	146635	0: 8	1:46	A0	5.16	.00	192	40	59	2357	1.0L	2357.000
170	292	769	23:16:30	-9:50:44	146635	0: 8	2:19	A0	5.16	.00	376	63	135	5325	3.0L	1775.000
171	296	897	23:16:30	-12:29:54	165622	0: 4	-3:16	A0	7.60	.00	51	15	19	395 L	10.0C	39.500
172	309	769	23:16:30	-9:51:21	146635	0: 9	1:43	A0	5.16	.00	417	323	31	41165	30.0C	1372.167
173	299	766	23:16:31	-9:51:32	146635	0: 9	1:31	A0	5.16	.00	427	139	22	16481	10.0C	1648.100
174	514	622	23:17: 8	-5:27: 9	NO						125	81	18	4765	30.0C	158.833
175	293	553	23:17:15	-5:31:24	NO						122	88	21	4733	30.0C	157.767
176	502	621	23:17:18	-5:25: 2	NO						224	16	158	591	3.0L	197.000
177	504	620	23:17:19	-5:25:11	NO						101	27	17	1256	10.0C	125.600
178	500	617	23:17:20	-5:25:10	NO						97	4	70	100	1.0L	100.000
179	281	549	23:17:22	-5:30:19	NO						102	29	17	1302	10.0C	130.200
180	273	552	23:17:26	-5:29:22	NO						186	14	131	488	3.0L	162.667
181	224	550	23:17:29	-5:29:39	NO						48	7	15	186	3.0C	62.000
182	512	810	23:17:54	-9:10:28	146650	-0: 9	1:10	A0	8.40	.00	125	93	23	5209	30.0C	173.833
183	503	808	23:17:55	-9: 9:57	146650	-0: 8	1:41	A0	8.40	.00	94	30	19	1221	10.0C	122.100
184	500	808	23:17:57	-9: 7:13	146650	-0: 6	4:24	A0	8.40	.00	182	7	154	174	3.0L	58.000
185	657	811	23:18: 4	-9:11:22	146650	0: 1	0:15	A0	8.40	.00	49	7	16	185	3.0C	61.667
186	278	734	23:18:13	-9:12:13	146650	0:10	-0:36	A0	8.40	.00	85	28	18	1105	10.0C	110.500
187	271	737	23:18:16	-9:11:12	146650	0:13	0:25	A0	8.40	.00	163	8	132	201	3.0L	67.000
188	285	736	23:18:26	-9: 9:13	146650	0:23	2:24	A0	8.40	.00	110	90	22	4585	30.0C	152.833
189	253	386	23:19: 9	-2:10:59							88	51	15	25487	10.0C	254.800
190	497	854	23:19: 9	-9:59:12	165651	-0: 7	2:56	B3	7.60	.00	428	338	26	50957	30.0C	1698.567
191	489	852	23:19:10	-9:58:42	165651	-0: 5	3:26	B3	7.60	.00	444	140	22	18185	10.0C	1818.500
192	485	853	23:19:12	-9:58:29	165651	-0: 3	3:39	B3	7.60	.00	432	96	150	9068	3.0L	3022.667
193	484	849	23:19:15	-9:58:40	165651	-0: 0	3:28	B3	7.60	.00	300	61	64	4974 H	1.0L	4974.000
194	643	855	23:19:15	-10: 1:19	165651	0: 0	0:49	B3	7.60	.00	303	67	20	6488	3.0C	2162.667
195	255	779	23:19:21	-10: 1:59	165651	0: 6	0:10	B3	7.60	.00	243	82	56	4442 H	1.0L	4442.000
196	257	780	23:19:21	-10: 2:36	165651	0: 6	-0:27	B3	7.60	.00	426	98	126	9803 H	3.0L	3267.667
197	207	778	23:19:22	-10: 2:28	165651	0: 6	-0:20	B3	7.60	.00	292	73	25	6358 H	3.0C	2119.333
198	255	774	23:19:25	-10: 1:13	165651	0:10	0:55	B3	7.60	.00	68	17	30	479	.5L	958.000
199	263	777	23:19:26	-10: 2:18	165651	0:11	-0: 9	B3	7.60	.00	449	146	21	19757	10.0C	1975.700
200	273	779	23:19:26	-10: 0:47	165651	0:10	1:21	B3	7.60	.00	426	332	23	48439	30.0C	1614.633

AQUARIUS RA 22:58 TO 23:16 DEC -05:06 TO -03:12

OBJECT NO.	X	Y	R.A.	DEC.	SAO NO.	Δ R.A.	Δ DEC.	SPEC. TYPE	V MAG.	P MAG.	PEAK DEN.	NO. OF POINTS	BG	DENSITY VOLUME	EXP.& FILTER	DEN.VOL/ EXP.
201	465	521	23:19:51	-3:24:60	NO						100	6	63	176	1.0L	176.000
202	466	525	23:19:54	-3:24:48	NO						217	11	146	454	3.0L	151.333
203	603	234	23:20:13	2:29:31	128150	-0: 7	-3: 8	A0	6.92	.00	59	10	14	320 L	3.0C	106.667
204	242	149	23:20:17	2:31:28	128150	-0: 3	-1:11	A0	6.92	.00	103	104	22	5082	30.0C	169.400
205	458	233	23:20:21	2:32: 7	128150	0: 1	-0:32	A0	6.92	.00	152	77	18	5564	30.0C	185.467
206	449	231	23:20:23	2:32:36	128150	0: 3	-0: 3	A0	6.92	.00	122	29	15	1560	10.0C	156.000
207	447	231	23:20:24	2:33:56	128150	0: 4	1:17	A0	6.92	.00	165	9	130	245 L	3.0L	81.667
208	231	144	23:20:27	2:33:25	128150	0: 7	0:46	A0	6.92	.00	72	37	18	1265 L	10.0C	126.500
209	585	60	23:21:42	5:55:36	128162	-0: 7	0:54	A0	7.14	.00	74	30	17	1096	3.0C	365.333
210	428	53	23:21:57	5:52:55	128162	0: 8	-1:47	A0	7.14	.00	89	8	63	186	1.0L	186.000
211	430	57	23:21:58	5:53:10	128162	0: 9	-1:32	A0	7.14	.00	162	21	81	1004 L	10.0C	100.400
212	438	59	23:22: 1	5:52:50	128162	0:12	-1:51	A0	7.14	.00	284	171	22	17920	30.0C	597.333
213	437	926	23:24: 8	-11:22:19	165696	-0: 2	-3:52	B8	8.40	.00	398	242	24	33413 H	30.0C	1113.767
214	424	921	23:24: 9	-11:21:57	165696	-0: 1	-3:30	B8	8.40	.00	121	41	59	1479 H	1.0L	1479.000
215	428	924	23:24: 9	-11:21:49	165696	-0: 1	-3:22	B8	8.40	.00	307	104	24	9639 H	10.0C	963.900
216	425	924	23:24:11	-11:20:27	165696	0: 1	-1:59	B8	8.40	.00	284	73	137	4523 H	3.0L	1507.667
217	558	317	23:24:14	0:56: 4	128186	-0: 8	-2:50	A2	4.94	.00	157	27	14	1637	3.0C	545.667
218	194	232	23:24:15	0:57:50	128186	-0: 7	-1: 4	A2	4.94	.00	265	177	21	17980	30.0C	599.333
219	125	229	23:24:19	0:57:12	128186	-0: 3	-1:42	A2	4.94	.00	83	34	14	1392	3.0C	464.000
220	183	227	23:24:24	0:59:43	128186	0: 2	0:49	A2	4.94	.00	220	82	16	6490	10.0C	649.000
221	174	230	23:24:25	0:59:58	128186	0: 3	1: 4	A2	4.94	.00	176	39	113	1419 L	3.0L	473.000
222	583	927	23:24:25	-11:19:14	165696	0:15	-0:46	B8	8.40	.00	141	52	22	2875 H	3.0C	958.333
223	145	847	23:24:26	-11:22:21	165696	0:17	-3:54	B8	8.40	.00	86	45	16	1806	3.0C	602.000
224	201	846	23:24:26	-11:22:51	165696	0:17	-4:24	B8	8.40	.00	225	110	18	8560 H	10.0C	856.000
225	211	849	23:24:27	-11:22:29	165696	0:17	-4: 2	B8	8.40	.00	283	230	22	24088	30.0C	802.933
226	400	311	23:24:28	0:58:33	128186	0: 6	-0:21	A2	4.94	.00	123	18	55	706	1.0L	706.000
227	172	229	23:24:29	1: 0:23	128186	0: 7	1:29	A2	4.94	.00	77	12	49	293 L	1.0L	293.000
228	412	316	23:24:29	0:58:17	128186	0: 7	-0:37	A2	4.94	.00	332	142	20	16039	30.0C	534.633
229	401	314	23:24:31	1: 0: 0	128186	0: 9	1: 6	A2	4.94	.00	266	33	129	1893	3.0L	631.000
230	403	314	23:24:31	0:58:44	128186	0: 9	-0:10	A2	4.94	.00	304	61	20	5279	10.0C	527.900
231	192	848	23:24:32	-11:22: 1	165696	0:22	-3:34	B8	8.40	.00	88	28	47	848 H	1.0L	848.000
232	194	849	23:24:32	-11:21:16	165696	0:22	-2:48	B8	8.40	.00	208	68	112	3317 H	3.0L	1105.667
233	171	269	23:26:11	0:15:51							69	17	20	5007	30.0C	16.667
234	152	269	23:26:17	0:15:34	NO						138	4	112	95	3.0L	31.667
235	168	271	23:26:26	0:13:34							83	14	22	5737	30.0C	19.100
236	543	559	23:26:39	-3:57:10	146732	-0: 9	-4:54	A0	8.50	.00	56	12	14	349	3.0C	116.333
237	389	556	23:26:43	-3:54:32	146732	-0: 5	-2:16	A0	8.50	.00	111	35	16	1644	10.0C	164.400
238	174	481	23:26:44	-3:57:49	146732	-0: 4	-5:33	A0	8.50	.00	118	97	21	5170	30.0C	172.333
239	385	553	23:26:44	-3:54:38	146732	-0: 3	-2:22	A0	8.50	.00	89	4	64	99	1.0L	99.000
240	397	557	23:26:46	-3:53:41	146732	-0: 2	-1:25	A0	8.50	.00	130	83	18	5206	30.0C	173.533
241	386	556	23:26:47	-3:53:13	146732	-0: 1	-0:57	A0	8.50	.00	206	13	147	463	3.0L	154.333
242	105	478	23:26:49	-3:57:27	146732	0: 1	-5:11	A0	8.50	.00	40	4	15	91 L	3.0C	30.333
243	163	477	23:26:51	-3:57: 2	146732	0: 3	-4:46	A0	8.50	.00	85	36	16	1407	10.0C	140.700
244	154	479	23:26:52	-3:55:21	146732	0: 5	-3: 5	A0	8.50	.00	147	13	115	326	3.0L	108.667
245	234	203	23:38:14	3:19:38	128322	-0: 4	-1:21	A0	8.90	.00	58	23	16	690	10.0C	69.000
246	241	205	23:38:22	3:20:45	128322	0: 4	-0:14	A0	8.90	.00	78	72	19	2856	30.0C	95.200
247	220	401	23:40:44	-0:29:41	146860	0: 0	-3:42	A0	8.40	.00	46	17	20	386 L	30.0C	12.867
248	97	290	23:50:10	1:47:18	128436	-0:21	-1:28	A0	6.24	.00	221	196	19	17367	30.0C	578.900
249	85	286	23:50:25	1:50:12	128436	-0: 6	1:27	A0	6.24	.00	152	93	17	5505	10.0C	550.500
250	240	289	23:50:40	2: 3:44							67	37	14	12167	3.0C	405.333
251	81	272	23:51:23	2: 9:33	128456	-0:29	-1:37	A2	8.20	.00	40	17	12	408 L	30.0C	13.600

FORNAX RA 03:42 DEC -27:20

OBJECT NO.	X	Y	R.A.	DEC.	SAO NO.	Δ R.A.	Δ DEC.	SPEC. TYPE	V MAG.	P MAG.	PEAK DEN.	NO. OF POINTS	BG	DENSITY VOLUME	EXP.& FILTER	DEN.VOL/ EXP.
1	481	947	3: 4:51	-24:39:13							122	14	69	372?	3.0L	124.000
2	264	806	3: 8:59	-29:59:52							114	8	79	214?	3.0L	71.333
3	244	791	3: 9:26	-30:29: 3	194145	-0:19	-1:13	A5	8.80	8.86	104	10	74	267 H	3.0L	89.000
4	584	930	3:10:41	-22: 4: 3							108	23	21	1147?	.3C	3823.333
5	199	740	3:13:58	-31: 3:21	194197	-0: 9	-2:41	B9	6.62	.00	88	31	17	1208	3.0C	402.667
6	238	735	3:14: 3	-31: 4:18	194197	-0: 4	-3:38	B9	6.62	.00	71	14	34	389	1.0L	389.000
7	238	735	3:14: 3	-31: 3:39	194197	-0: 5	-2:59	B9	6.62	.00	169	38	76	1813	3.0L	604.333
8	731	859	3:19: 4	-20:28:32	168485	-0:23	1:37	A0	6.58	.00	109	11	80	284 L	3.0L	94.667
9	160	643	3:19:20	-33:13:29							112	7	78	214?	3.0L	71.333
10	500	759	3:20:18	-25:47: 6	168493	0:11	-1:10	A0	6.26	.00	68	7	37	176 L	1.0L	176.000
11	500	759	3:20:18	-25:46:28	168493	0:10	-0:32	A0	6.26	.00	168	33	87	1333	3.0L	444.333
12	461	764	3:20:25	-25:49: 3	168493	0:18	-3: 7	A0	6.26	.00	81	17	18	608 L	3.0C	202.667
13	708	769	3:25:21	-21:34: 5	168560	-0:13	0: 6	B9	9.00	.00	107	5	82	118 L	3.0L	39.333
14	468	685	3:25:27	-26:58:39							224	20	88	1158?	3.0L	386.000
15	574	706	3:28:14	-23:56:29							43	5	16	116?	3.0C	38.667
16	693	727	3:29:41	-21:25:36	168614	-0:11	-0:38	B5	8.80	.00	76	19	16	676	3.0C	225.333
17	732	722	3:29:44	-21:24:44	168614	-0: 7	0:14	B5	8.80	.00	66	9	36	223 L	1.0L	223.000
18	732	722	3:29:45	-21:24:10	168614	-0: 7	0:48	B5	8.80	.00	173	32	84	1444	3.0L	481.333
19	628	678	3:30:21	-23:45:37	168620	-0: 4	2:11	B9	9.10	.00	111	4	87	93	3.0L	31.000
20	529	637	3:31: 8	-26: 2:22	NO						115	18	39	792	1.0L	792.000
21	530	637	3:31:10	-26: 0:37	NO						271	37	88	2440	3.0L	813.333
22	491	642	3:31:17	-26: 3: 8	NO						103	26	16	1081	3.0C	360.333
23	720	696	3:31:26	-21:48:56	168634	-0: 9	-0:58	B8	4.32	.00	463	233	86	25176	3.0L	8392.000
24	721	696	3:31:27	-21:48:18	168634	-0: 8	-0:20	B8	4.32	.00	414	109	39	11792	1.0L	11792.000
25	682	701	3:31:29	-21:49:36	168634	-0: 6	-1:38	B8	4.32	.00	403	167	17	17046	3.0C	5682.000
26	682	701	3:31:29	-21:48:35	168634	-0: 6	-0:37	B8	4.32	.00	259	48	16	4059	.3C	13530.000
27	885	748	3:33:35	-17:33:48	149063?	-0:25	4: 5	A0	5.32	.00	82	47	16	1821 H	.3C	6070.000
28	924	744	3:33:37	-17:35:51	149063	-0:24	2: 2	A0	5.32	.00	210	119	33	8589 H	1.0L	8589.000
29	886	749	3:33:37	-17:33:39	149061	-0:16	-4:57	A2	9.60	.00	354	140	18	15806 H	3.0C	5268.667
30	886	749	3:33:37	-17:33:39	149063?	-0:24	4:14	A0	5.32	.00	354	140	18	15806 H	3.0C	5268.667
31	924	744	3:33:38	-17:35:18	149063	-0:23	2:35	A0	5.32	.00	445	181	74	25354 H	3.0L	8451.333
32	112	442	3:36: 0	-35:32:19							115	5	73	185?	3.0L	61.667
33	455	550	3:36:39	-28: 7: 4	168701	-0: 4	-0:45	A0	6.08	.00	99	13	37	506	1.0L	506.000
34	456	550	3:36:40	-28: 5:28	168701	-0: 2	0:59	A0	6.08	.00	224	22	86	1421	3.0L	473.667
35	417	555	3:36:43	-28: 7:26	168701	-0: 0	-1: 7	A0	6.08	.00	116	26	16	1278	3.0C	426.000
36	467	522	3:39:27	-28: 2:21							129	7	83	226?	3.0L	75.333
37	660	574	3:39:51	-23:47:38	168752	-0: 0	0:35	A0	8.38	.00	116	6	87	141?	3.0L	47.000
38	247	463	3:40: 6	-32: 5:17	194467	-0: 9	0:32	B5	4.93	.00	392	171	17	17488	3.0C	5829.333
39	286	458	3:40: 8	-32: 5: 8	194467	-0: 8	0:42	B5	4.93	.00	451	255	82	24997	3.0L	8332.333
40	286	458	3:40: 9	-32: 5:38	194467	-0: 7	0:11	B5	4.93	.00	405	134	40	11744	1.0L	11744.000
41	246	462	3:40:11	-32: 5:49	194467	-0: 5	0: 0	B5	4.93	.00	237	50	16	3827	.3C	12756.667
42	689	509	3:45:31	-24: 0:48	168836	0: 0	0:55	A2	5.04	.00	107	4	82	93 L	3.0L	31.000
43	71	337	3:46:11	-36:13:30	194537	0:15	2: 2	B8	6.25	.00	182	78	16	5219	3.0C	1739.667
44	70	337	3:46:11	-36:13:37	194537	0:14	1:55	B8	6.25	.00	37	6	14	130 L	.3C	433.333
45	109	333	3:46:13	-36:15:44	194537	0:17	-0:12	B8	6.25	.00	112	56	36	2274	1.0L	2274.000
46	110	333	3:46:13	-36:14: 5	194537	0:17	1:27	B8	6.25	.00	264	103	74	7324	3.0L	2441.333
47	103	300	3:49: 4	-36:34:10	194570	0:18	0:22	B9	6.79	.00	131	47	72	1693	3.0L	564.333
48	64	304	3:49: 9	-36:32:42	194570	0:23	1:50	B9	6.79	.00	67	34	16	1104	3.0C	368.000
49	653	434	3:51:32	-24:47:15	168925	-0: 3	-1:42	B5	4.76	.00	457	276	84	28330	3.0L	9443.333
50	654	434	3:51:34	-24:46:29	168925	-0: 1	-0:56	B5	4.76	.00	412	137	37	12475	1.0L	12475.000
51	615	439	3:51:36	-24:48: 4	168925	0: 2	-2:31	B5	4.76	.00	396	169	17	17097	3.0C	5699.000
52	615	439	3:51:37	-24:46:60	168925	0: 2	-1:27	B5	4.76	.00	212	48	16	3574	.3C	11913.333
53	153	303	3:51:46	-34:51:43	194608	0: 1	1: 2	B5	5.12	.00	176	54	14	3697	.3C	12323.333
54	155	303	3:51:48	-34:50:25	194608	0: 4	2:20	B5	5.12	.00	408	143	18	18201	3.0C	6067.000
55	193	299	3:51:51	-34:52:16	194608	0: 6	0:30	B5	5.12	.00	403	118	37	12884	1.0L	12884.000
56	194	299	3:51:51	-34:50:38	194608	0: 6	2: 8	B5	5.12	.00	462	214	76	25934	3.0L	8644.667
57	553	417	3:52: 5	-26:11:16							87	10	14	414?	3.0C	138.000
58	185	264	3:56:16	-34:29:28							44	4	15	105?	3.0C	35.000
59	420	314	3:56:43	-30:15:30							143	13	82	517?	3.0L	172.333
60	888	449	3:57:27	-19:22:14							43	4	14	113?	3.0C	37.667
61	702	375	3:57:47	-24: 8:59	169017	-0: 0	0:27	A0	4.69	.00	274	55	38	4651	1.0L	4651.000
62	662	379	3:57:49	-24:10:39	169017	0: 2	-1:13	A0	4.69	.00	123	24	16	1193	.3C	3976.667
63	663	379	3:57:50	-24:10:31	169017	0: 3	-1: 6	A0	4.69	.00	339	79	18	7254	3.0C	2418.000
64	702	374	3:57:52	-24: 8:54	169017	0: 5	0:31	A0	4.69	.00	428	102	85	10236	3.0L	3412.000
65	408	289	3:58:46	-30:38:37	194689	0: 6	-0:48	A0	5.85	.00	74	9	34	279 L	1.0L	279.000
66	408	289	3:58:46	-30:38:13	194689	0: 5	-0:24	A0	5.85	.00	182	26	79	1292 L	3.0L	430.667
67	370	293	3:58:48	-30:38:58	194689	0: 8	-1: 9	A0	5.85	.00	99	17	16	819 L	3.0C	273.000
68	284	264	3:59: 9	-32:32:47	NO						53	12	16	324	3.0C	108.000
69	323	259	3:59:18	-32:31:40	NO						137	22	77	780	3.0L	260.000
70	858	393	4: 1:17	-20:14:43	169071	0: 4	2: 7	B3	6.39	.00	120	44	15	2310	.3C	7700.000
71	859	393	4: 1:18	-20:14:37	169071	0: 6	2:13	B3	6.39	.00	396	124	18	14751	3.0C	4917.000
72	897	388	4: 1:20	-20:17:33	169071	0: 8	-0:42	B3	6.39	.00	470	213	79	28750	3.0L	9583.333
73	898	389	4: 1:21	-20:16:44	169071	0: 9	0: 7	B3	6.39	.00	328	120	36	11559	1.0L	11559.000
74	742	324	4: 4:21	-22:53:18							53	7	14	217?	3.0C	72.333
75	544	260	4: 5:32	-27:17: 9							74	9	15	364?	3.0C	121.333
76	798	223	4:14: 2	-22:25:58	169274	0:20	-9:30	A2	6.80	.00	41	4	14	96 L	3.0C	32.000
77	535	156	4:14:15	-28: 3:53							59	27	17	712?	3.0C	237.333
78	268	66	4:15:52	-33:57:55	194902	-0: 8	-2:45	B9	3.59	.00	435	207	21	29796	3.0C	9932.000
79	268	66	4:15:59	-33:57: 3	194902	-0: 1	-1:53	B9	3.59	.00	240	78	15	8473	.3C	21578.667

SGR NORMAL RA 18:34 DEC -30:24

OBJECT NO.	X	Y	R.A.	DEC.	SAO NO.	Δ R.A.	Δ DEC.	SPEC. TYPE	V MAG.	P MAG.	PEAK DEN.	NO. OF POINTS	BG	DENSITY VOLUME	EXP.& FILTER	DEN.VOL/ EXP.
1	745	82	17:49:18	-31:37:11	209398	-0:12	0:18	B8	8.62	8.33	57	13	27	317	3.0C	105.667
2	751	80	17:49:31	-31:35:26	209398	-0: 0	2: 3	B8	8.62	8.33	111	23	54	881	10.0C	88.100
3	684	65	17:50:54	-30:13:39							85	11	58	264?	10.0C	26.400
4	665	60	17:51: 9	-29:50:36	185914	-0: 2	-0: 0	B8	9.20	.00	96	10	55?	360?L	10.0C	36.000
5	811	132	17:51:19	-33:11:21	209456	-0:18	-0: 6	B3	9.06	9.00	88	23	53	635 L	10.0C	63.500
6	855	163	17:52: 5	-34:16:38	209460	0: 9	-2:59	A0	.00	.00	88	12	56	324?	10.0C	32.400
7	690	88	17:52:24	-30:34:22	209474/	0: 4	-1:41	B3	8.60	8.70	149	66	54	3168	10.0C	316.800
8	690	88	17:52:24	-30:34:22	209480/	-0: 8	-0:31	A0	7.54	7.21	149	66	54	3168	10.0C	316.800
9	682	91	17:52:25	-30:33:14	209474/	0: 5	-0:33	B3	8.60	8.70	60	11	28	281 L	3.0C	93.667
10	682	91	17:52:25	-30:33:14	209480/	-0: 7	0:37	A0	7.54	7.21	60	11	28	281 L	3.0C	93.667
11	772	131	17:52:45	-32:29:11	209489	-0:14	-1: 5	O	6.62	.00	94	31	49	962 L	10.0C	96.200
12	770	144	17:53:17	-32:40:37	209503	-0:16	0:22	B9	6.60	.00	49	8	25	175 L	3.0C	58.333
13	779	141	17:53:18	-32:41:40	209503	-0:16	-0:42	B9	6.60	.00	139	49	51	2219	10.0C	221.900
14	727	117	17:53:20	-31:31:15	209502	-0: 8	-0:18	B9	8.72	8.41	118	80	55	2845 H	10.0C	284.500
15	810	157	17:53:26	-33:24:34	209508	-0:18	-0:24	A0	8.12	7.84	76	10	47	252 L	10.0C	25.200
16	656	86	17:53:33	-29:56: 3	185974	0: 3	-1: 5	B9	8.50	.00	93	18	55	508	10.0C	50.800
17	534	32	17:53:35	-27: 8: 2	185976	-0:14	-0:13	B9	8.40	.00	124	39	58	1505	10.0C	150.500
18	672	95	17:53:39	-30:18:20	209507	-0: 1	-1:30	B8	8.50	8.47	123	35	56	1442	10.0C	144.200
19	678	109	17:53:59	-30:39:22	209506?	0:21	2: 6	B8	9.50	9.33	49	4	27	85	3.0C	28.333
20	678	109	17:53:59	-30:39:22	209515	-0: 3	-0:26	B8	9.10	8.68	49	4	27	85 L	3.0C	28.333
21	739	138	17:53:60	-32: 3:48	209520	-0:14	-1: 8	B5	8.27	7.82	99	40	25	1698	3.0C	566.000
22	686	106	17:54: 0	-30:39:19	209506?	0:22	2: 9	B8	9.50	9.33	126	61	57	2237 H	10.0C	223.700
23	686	106	17:54: 0	-30:39:19	209515	-0: 2	-0:23	B8	9.10	8.68	126	61	57	2237 H	10.0C	223.700
24	747	135	17:54: 2	-32: 3:44	209520	-0:12	-1: 3	B5	8.27	7.82	310	91	52	8247	10.0C	824.700
25	744	145	17:54: 6	-32: 3:27	209520	-0: 7	-0:47	B5	8.27	7.82	136	10	108	237 L	1.0L	237.000
26	830	177	17:54:15	-33:57:31	209527?	-0:25	-0:48	A0	8.30	7.93	72	8	48	179 L	10.0C	17.900
27	700	116	17:54:19	-31: 1:27	209521	0: 1	-0:50	O	8.24	8.17	137	41	55	1822 L	10.0C	182.200
28	692	119	17:54:20	-31: 0:22	209521	0: 2	0:15	O	8.24	8.17	53	9	26	207 L	3.0C	69.000
29	636	90	17:54:31	-29:35:42	185985/	0:18	-1:33	B3	9.20	.00	100	25	55	829	10.0C	82.900
30	636	90	17:54:31	-29:35:42	185994/	-0: 4	-1:37	B8	8.70	.00	100	25	55	829	10.0C	82.900
31	785	160	17:54:36	-32:59:47	NO						91	23	50	661	10.0C	66.100
32	648	105	17:54:43	-30: 4: 6	209529	-0: 5	-0:27	B8	7.65	7.20	71	20	27	613	3.0C	204.333
33	612	84	17:54:54	-29: 5:11	186005	0: 1	-1: 5	B8	9.00	.00	122	31	56?	1398	10.0C	139.800
34	656	103	17:54:55	-30: 5: 1	209529	0: 7	-1:22	B8	7.65	7.20	190	70	54	4190 H	10.0C	419.000
35	564	69	17:55: 1	-28:10:21	186010/	0: 2	-0:53	B9	9.00	.00	63	16	28	429	3.0C	143.000
36	564	69	17:55: 1	-28:10:21	186011/	0: 1	-2: 5	B5	8.80	.00	63	16	28	429	3.0C	143.000
37	572	67	17:55: 1	-28:10:18	186010/	0: 2	-0:50	B9	9.00	.00	187	51	59?	2966	10.0C	296.600
38	572	67	17:55: 1	-28:10:18	186011/	0: 1	-2: 3	B5	8.80	.00	187	51	59?	2966	10.0C	296.600
39	619	91	17:55:14	-29:16:38	186016	0: 1	-1: 4	A0	9.00	.00	77	4	54	88 L	10.0C	8.800
40	534	62	17:55:21	-27:31:32	186023	-0: 7	-0:30	B8	8.50	.00	60	15	29	378	3.0C	126.000
41	542	59	17:55:21	-27:31:29	186023	-0: 7	-0:27	B8	8.50	.00	167	73	56	3501	10.0C	350.100
42	915	242	17:55:27	-36: 2:26	209555?	-0:27	-2:11	A0	8.60	8.26	124	8	100	171	1.0L	171.0E0
43	915	242	17:55:27	-36: 2:26	209557?	-0:28	3: 8	A0	9.36	9.18	124	8	100	171	1.0L	171.0E0
44	588	87	17:55:28	-28:46:50	186025	-0: 0	-1:30	B5	5.95	.00	403	99	31	11841	3.0C	3947.000
45	593	93	17:55:29	-28:45:56	186025	0: 1	-0:36	B5	5.95	.00	318	95	114	7110	1.0L	7110.000
46	691	127	17:55:30	-30:57:10	NO						93	18	51	542	10.0C	54.200
47	596	85	17:55:34	-28:47:15	186025	0: 6	-1:55	B5	5.95	.00	429	258	57	31229	10.0C	3122.900
48	908	237	17:55:36	-36: 1:33	209555	-0:18	-1:17	A0	8.60	8.26	64	14	26	403	3.0C	134.333
49	908	237	17:55:36	-36: 1:33	209557?	-0:19	4: 1	A0	9.36	9.18	64	14	26	403	3.0C	134.333
50	465	31	17:55:41	-25:45:20	186033	-0: 8	2:54	A2	8.50	.00	145	47	56	2387 H	10.0C	238.700
51	465	31	17:55:41	-25:45:20	186047?	-0:29	3:38	B9	8.20	.00	145	47	56	2387 H	10.0C	238.700
52	914	235	17:55:51	-35:59:33	209555/	-0: 3	0:43	A0	8.60	8.26	93	15	51	464 L	10.0C	46.400
53	914	235	17:55:51	-35:59:33	209560/	-0:15	1:33	O	7.26	.00	93	15	51	464 L	10.0C	46.400
54	807	188	17:56: 4	-33:38:59	209563	-0:18	0: 2	B9	9.29	8.99	88	23	56	499	10.0C	49.900
55	658	120	17:56:10	-30:17:25	209546?	0:37	1:49	B9	8.94	8.93	78	7	54	151 L	10.0C	15.100
56	557	76	17:56:13	-27:58: 1	186045	0: 4	-0:35	A0	8.70	.00	75	5	50	1212L	10.0C	12.100
57	675	129	17:56:14	-30:40:53	209561	0: 5	-2:22	B9	8.47	8.10	90	24	50	687	10.0C	68.700
58	889	235	17:56:16	-35:39:28	209574?	-0:34	-0:37	B5	9.10	8.64	54	13	24	330 L	3.0C	110.000
59	623	106	17:56:17	-29:29: 9	186048	0: 6	-0:18	B9	8.90	.00	78	6	51	150 L	10.0C	15.000
60	792	195	17:56:19	-33:23:34	209569	-0:19	0:49	B3	7.20	.00	163	36	103	1299	1.0L	1299.000
61	456	35	17:56:19	-25:47:33	186047	0: 9	1:26	B9	8.20	.00	54	10	30	220	3.0C	73.333
62	817	195	17:56:20	-33:53:53	209568	-0:18	-0:34	B2	8.31	8.26	80	17	47	450 L	10.0C	45.000
63	896	232	17:56:20	-35:39:14	209574?	-0:30	-0:24	B5	9.10	8.64	142	75	45	3657	10.0C	365.700
64	909	239	17:56:22	-35:56:60	209560	0:16	4: 6	O	7.26	.00	68	6	46	128?L	10.0C	12.800
65	787	189	17:56:24	-33:24:54	209569	-0:15	-0:32	B3	7.20	.00	163	58	24	3520	3.0C	1173.333
66	795	186	17:56:27	-33:24:45	209569	-0:12	-0:22	B3	7.20	.00	393	120	47	14026	10.0C	1402.600
67	428	26	17:57: 4	-25: 3:20	186067	0:10	1:45	B8	8.10	.00	83	8	56	191 L	10.0C	19.100
68	634	122	17:57: 9	-29:50:14	186068/	0:11	-0:15	B3	8.50	.00	362	122	51	11965	10.0C	1196.500
69	634	122	17:57: 9	-29:50:14	186079/	-0: 7	-0:51	B2	8.00	.00	362	122	51	11965	10.0C	1196.500
70	631	132	17:57:14	-29:49:57	186068/	0:16	0: 2	B3	8.50	.00	148	26	109	732	1.0L	732.000
71	631	132	17:57:14	-29:49:57	186079/	-0: 2	-0:34	B2	8.00	.00	148	26	109	732 L	1.0L	732.000
72	625	126	17:57:15	-29:49:40	186068/	0:18	0:19	B3	8.50	.00	129	53	25	26967	3.0C	898.667
73	625	126	17:57:15	-29:49:40	186079/	-0: 1	-0:17	B2	8.00	.00	129	53	25	26967	3.0C	898.667
74	541	84	17:57:20	-27:45:13	186082	-0: 3	-1:56	B9	9.00	.00	88	17	53	463?	10.0C	46.300
75	575	108	17:57:31	-28:43:19	186085	-0: 1	-0:42	A0	8.90	.00	59	11	26	297	3.0C	99.000
76	583	105	17:57:37	-28:43:41	186085	0: 4	-1: 5	A0	8.90	.00	163	81	52	3520 H	10.0C	352.000
77	404	34	17:57:43	-24:36:14	186086	0: 5	4:20	B3	8.60	.00	122	7	100	141?	1.0L	141.000
78	914	265	17:57:51	-36:22:57	209597	-0: 8	0:20	B9	8.90	8.46	156	99	26	5670 H	3.0C	1890.000
79	860	233	17:57:51	-35: 1:28	209605	-0:23	-0:54	A0	8.50	8.30	75	14	45	349 L	10.0C	34.900
80	919	271	17:57:52	-36:22: 4	209597	-0: 6	1:13	B9	8.90	8.46	148	48	95	1642 H	1.0L	1642.000
81	919	271	17:57:52	-36:22: 4	209608?	-0:33	0:35	B9	6.32	.00	148	48	95	1642	1.0L	1642.000
82	399	29	17:57:52	-24:38:11	186086	0:14	2:23	B3	8.60	.00	47	4	22	96 L	3.0C	32.0E0
83	922	262	17:57:53	-36:23:48	209597	-0: 5	-0:31	B9	8.90	8.46	400	200	46	24419 H	10.0C	2441.900
84	593	116	17:58: 5	-29: 1:10	186102	-0: 0	-1:33	A0	9.10	.00	84	18	46	507	10.0C	50.700
85	888	250	17:58:11	-35:39:40	209614?	-0:32	0:31	B8	7.62	7.33	192	103	44	6271 H	10.0C	627.100
86	610	132	17:58:13	-29:35:55	186109	-0: 2	-0:40	A0	7.50	.00	52	5	26	113 L	3.0C	37.667
87	755	190	17:58:15	-32:43: 4	209599/	0:12	1: 3	A0	8.90	8.69	76	14	46	351 L	10.0C	35.100
88	755	190	17:58:15	-32:43: 4	209609/	-0:11	-0: 9	O	8.76	8.77	76	14	46	351 L	10.0C	35.100
89	880	254	17:58:19	-35:40:55	209614?	-0:25	-0:44	B8	7.62	7.33	67	24	28	682?	3.0C	227.333
90	618	129	17:58:19	-29:36:17	186109	0: 4	-1: 2	A0	7.50	.00	129	33	52	1390	10.0C	139.000
91	534	94	17:58:21	-27:41:24							116	17	56	619?	10.0C	61.900
92	533	97	17:58:31	-27:42:21	NO						86	7	49	195	10.0C	19.500
93	545	102	17:58:37	-27:59: 3	186120	0: 3	-1:40	B9	9.30	.00	88	15	52	431	10.0C	43.100
94	724	181	17:58:40	-32: 4:36	209617	-0: 7	-1: 8	B8	8.61	8.38	92	23	43	751	10.0C	75.100
95	517	99	17:58:41	-27:31: 7	NO						146	41	26	2333	3.0C	777.667
96	525	96	17:58:43	-27:32:38	NO						356	103	50	9939	10.0C	993.900
97	819	225	17:58:44	-34:12:14	209626	-0:20	-0:47	B8	8.93	8.60	89	19	52	535	10.0C	53.500
98	522	106	17:58:47	-27:30:41	NO						151	28	103	893	1.0L	893.000
99	601	129	17:58:48	-29:17:18	186128	0: 9	-1:52	A0	9.00	.00	84	19	47	518	10.0C	51.800
100	604	141	17:58:51	-29:24:56							163	17	102	613?	1.0L	613.000

SGR NORMAL RA 18:34 DEC -30:24

OBJECT NO.	X	Y	R.A.	DEC.	SAO NO.	Δ R.A.	Δ DEC.	SPEC. TYPE	V MAG.	P MAG.	PEAK DEN.	NO. OF POINTS	BG	DENSITY VOLUME	EXP.& FILTER	DEN.VOL/ EXP.
101	801	231	17:59: 6	-33:53:24	209631	-0:18	0: 1	B5	7.55	6.98	176	48	97	2043	1.0L	2043.000
102	795	225	17:59: 7	-33:53: 6	209631	-0:17	0:19	B5	7.55	6.98	187	59	24	3908	3.0C	1302.667
103	803	222	17:59: 8	-33:54: 2	209631	-0:16	-0:36	B5	7.55	6.98	394	123	44	14514	10.0C	1451.400
104	872	263	17:59:20	-35:36:52	209623?	0:24	-2:31	A	9.97	9.60	58	16	23	425 H	3.0C	141.667
105	872	263	17:59:20	-35:36:52	209634	-0:11	-5: 1	B9	9.06	8.84	58	16	23	425 H	3.0C	141.667
106	880	260	17:59:24	-35:36:35	209634	-0: 7	-4:44	B9	9.06	8.84	157	77	42	3936 H	10.0C	393.600
107	890	260	17:59:24	-35:36:35	209639?	-0:28	0:19	B9	8.30	8.02	157	77	42	3936 H	10.0C	393.600
108	599	148	17:58:34	-29:22: 1	186156	-0: 2	0: 4	B8	7.86	.00	153	27	103	880	1.0L	880.000
109	594	142	17:59:38	-29:23:22	186156	0: 2	-1:17	B8	7.86	.00	145	39	25	2136 H	3.0C	712.000
110	602	139	17:59:39	-29:23:13	186156	0: 3	-1: 8	B8	7.86	.00	342	104	47	9394 H	10.0C	939.400
111	629	151	17:59:41	-30: 1:21	NO						75	10	46	251	10.0C	25.100
112	599	149	17:59:59	-29:32: 1	186166	0: 2	-0: 9	B5	8.90	.00	54	7	27	163 L	3.0C	54.333
113	599	149	17:59:59	-29:32: 1	186170?	-0: 4	-4: 2	A0	9.10	.00	54	7	27	163	3.0C	54.333
114	466	88	18: 0: 2	-28:17:28	186180	-0:15	1:50	A0	7.50	.00	122	73	48	2785	10.0C	278.500
115	607	146	18: 0: 3	-29:33:29	186166	0: 5	-1:38	B5	8.90	.00	141	48	51	1998	10.0C	199.800
116	534	117	18: 0: 6	-27:53:36	186171	0: 3	-1:42	A0	9.00	.00	99	25	58	676	10.0C	67.600
117	519	113	18: 0:17	-27:34:22	186182	-0: 2	-1:11	B8	8.80	.00	79	5	52	1297L	10.0C	12.900
118	481	104	18: 0:18	-26:51:24	186189	-0:14	0:52	B5	7.90	.00	51	5	27	110 L	3.0C	36.667
119	489	101	18: 0:18	-26:51:15	186189	-0:15	1: 1	B5	7.90	.00	117	37	45	1585 L	10.0C	158.500
120	458	90	18: 0:20	-26:17:51	186180	0: 3	1:27	A0	7.50	.00	51	5	25	116 L	3.0C	38.667
121	852	260	18: 0:30	-35: 7:18	209663?	-0:28	-0:45	A0	8.15	8.00	85	27	41	783 L	10.0C	78.300
122	507	112	18: 0:34	-27:18:22	186208	-0: 9	0: 2	B3	8.00	.00	287	103	47	6345	10.0C	634.500
123	504	122	18: 0:35	-27:17:37	186200	-0: 7	0:48	B3	9.00	.00	124	6	100	134 L	1.0L	134.000
124	499	115	18: 0:37	-27:17:22	186200	-0: 6	1: 2	B3	9.00	.00	77	20	27	661	3.0C	220.333
125	569	138	18: 0:38	-28:45:12	186192	0: 1	-0:58	A0	8.20	.00	85	17	44	519 L	10.0C	51.900
126	525	121	18: 0:40	-27:44:35	186201	-0: 4	-0:37	A0	9.20	.00	105	40	53	1185 H	10.0C	118.500
127	375	62	18: 0:42	-24:17:52	186204/	-0: 6	3:57	Q	5.86	.00	408	549	103	47938	1.0L	47938.000
128	375	62	18: 0:42	-24:17:52	186207/	-0:11	1: 4	B0	7.25	.00	408	549	103	47938	1.0L	47938.000
129	428	77	18: 0:48	-25:29:11	NO						87	22	53	594	10.0C	59.400
130	369	56	18: 0:51	-24:17: 3	186204/	0: 2	4:46	O	5.86	.00	470	727	28?	98000	3.0C	32666.667
131	369	56	18: 0:51	-24:17: 3	186207/	-0: 2	1:53	B0	7.25	.00	470	727	28?	98000	3.0C	32666.667
132	377	55	18: 0:57	-24:18:56	186204/	0: 9	2:53	O	5.86	.00	468	996	71	19164O	10.0C	19164.000
133	377	55	18: 0:57	-24:18:56	186207/	0: 4	0: 0	B0	7.25	.00	468	996	71	19164O	10.0C	19164.000
134	695	196	18: 1: 1	-31:40:38	209664	0: 1	-1:44	B3	8.09	7.81	143	41	41	1938 L	10.0C	193.800
135	687	199	18: 1: 2	-31:39:41	209664	0: 1	-0:47	B3	8.09	7.81	56	9	22	247 L	3.0C	82.333
136	500	122	18: 1: 3	-27:22:30	186200?	0:21	-4: 5	B3	9.00	.00	61	12	25	340?	3.0C	113.333
137	500	122	18: 1: 3	-27:22:30	186218	-0:11	0:59	B9	8.90	.00	61	12	25	340?	3.0C	113.333
138	863	273	18: 1:12	-35:25:44	209675?	-0:28	-0:38	A0	8.30	8.06	71	6	45	132 L	10.0C	13.200
139	330	42	18: 1:13	-23:25:39	186219/	-0: 2	2:24	A2	9.60	.00	56	5	21	148	3.0C	49.333
140	330	42	18: 1:13	-23:25:39	186233/	-0:26	2:11	B	9.10	.00	56	5	21	148	3.0C	49.333
141	659	185	18: 1:21	-30:53:40	209669	0: 2	-1:19	B9	9.60	9.34	73	8	42	209 L	10.0C	20.900
142	730	215	18: 1:21	-32:29:45							119	39	41	1655?	10.0C	165.500
143	380	71	18: 1:34	-24:38:24	186240	-0:19	2:41	B0	8.00	.00	112	15	30?	713	3.0C	237.667
144	556	145	18: 1:35	-28:34: 6	186234	-0: 5	-1:39	B9	9.30	.00	99	23	44	823	10.0C	82.300
145	332	50	18: 1:42	-23:32:15	186233/	0: 3	-4:25	B	9.10	.00	49	4	29	75	3.0C	25.000
146	332	50	18: 1:42	-23:32:15	186236/	-0: 4	3:48	B8	8.60	.00	49	4	29	75	3.0C	25.000
147	385	81	18: 1:48	-24:39:55	186240	-0: 6	1:11	B0	8.00	.00	209	55	115	2557	1.0L	2557.000
148	380	75	18: 1:49	-24:39:46	186240	-0: 4	1:19	B0	8.00	.00	312	84	29?	7031	3.0C	2343.667
149	629	178	18: 1:50	-30:15:32	209678	0: 2	-1:40	A0	8.54	8.21	90	17	42	566	10.0C	56.600
150	387	72	18: 1:53	-24:40: 1	186240	-0: 1	1: 4	B0	8.00	.00	422	179	64?	28029	10.0C	2802.900
151	911	312	18: 1:54	-36:34:51	209691?	-0:27	0:13	B8	7.80	.00	123	28	91	507	1.0L	507.000
152	905	306	18: 1:55	-36:34:35	209691	-0:26	0:28	B8	7.80	.00	100	49	23	2090 H	3.0C	696.667
153	913	303	18: 1:57	-36:35:22	209691?	-0:24	-0:18	B8	7.80	.00	296	112	40	9939 H	10.0C	993.900
154	470	116	18: 2: 3	-26:36:26	186252	-0:14	1:39	B8	8.50	.00	90	20	49	557 L	10.0C	55.700
155	517	135	18: 2: 3	-27:42:32	186249	-0: 8	-0:27	B9	9.00	.00	116	50	50	1840 H	10.0C	184.000
156	577	161	18: 2:14	-29: 5:59	186248	0: 5	-0:25	B8	8.70	.00	82	13	45	363 L	10.0C	36.300
157	339	66	18: 2:16	-23:38:16	186236/	0:31	-2:12	B8	8.60	.00	143	42	100	1246	1.0L	1246.000
158	339	66	18: 2:16	-23:38:16	186255/	-0:10	4:57	B3	8.30	.00	143	42	100	1246	1.0L	1246.000
159	524	141	18: 2:17	-27:54:36	NO						87	12	49	373	10.0C	37.300
160	366	75	18: 2:18	-24:23:38	186247	0:12	0:33	O	6.79	.00	128	14	28?	845	3.0C	281.667
161	565	157	18: 2:19	-28:50:10	NO						86	17	44	510	10.0C	51.000
162	386	78	18: 2:20	-24:41: 8	186240?	0:26	-0: 3	B0	8.00	.00	132	10	50?	577 L	10.0C	57.700
163	334	60	18: 2:21	-23:39:46	186255	-0: 5	3:27	B3	8.30	.00	140	71	29	3702 H	3.0C	1234.000
164	342	58	18: 2:22	-23:41: 8	186255	-0: 5	2: 5	B3	8.30	.00	363	175	58	17391 H	10.0C	1739.100
165	465	120	18: 2:32	-26:33:38	186252	0:15	4:26	B8	8.60	.00	91	23	47	713	10.0C	71.300
166	520	143	18: 2:36	-27:50:53							96	29	48	1037?	10.0C	103.700
167	475	131	18: 2:38	-26:57:14	186264	-0:13	1:35	B3	8.60	.00	112	29	25	1384	3.0C	461.333
168	480	138	18: 2:42	-26:57:57	186264	-0: 9	0:53	B3	8.60	.00	132	12	98	326 L	1.0L	326.000
169	803	274	18: 2:42	-34:19: 2	209711	-0:19	0:13	B8	7.98	7.46	119	6	95	134 L	1.0L	134.000
170	482	129	18: 2:42	-26:57:30	186264	-0: 8	1:20	B3	8.60	.00	284	66	47	5531	10.0C	553.100
171	806	265	18: 2:44	-34:19:35	209711	-0:17	-0:19	B8	7.98	7.46	244	70	44	4854 H	10.0C	485.400
172	798	268	18: 2:46	-34:20:22	209711	-0:15	-1: 6	B8	7.98	7.46	86	23	23	909	3.0C	303.000
173	680	211	18: 2:48	-31:31: 3	209703/	-0: 2	-1:22	B8	8.76	8.49	157	61	40	3073	10.0C	307.300
174	680	211	18: 2:48	-31:31: 3	209704/	-0: 2	3:33	B8	8.92	8.69	157	61	40	3073	10.0C	307.300
175	358	83	18: 2:49	-24: 9:14	186268	-0:12	2:50	B9	8.10	.00	159	58	100	1923 H	1.0L	1923.000
176	806	273	18: 2:50	-34:31:31	209714/	-0:17	-1: 3	B8	8.71	8.31	56	9	25	230	3.0C	76.667
177	806	273	18: 2:50	-34:31:31	209718/	-0:21	-0:17	B8	9.24	9.05	56	9	25	230	3.0C	76.667
178	581	177	18: 2:51	-29:25:46	186265	-0: 1	0:28	B5	8.50	.00	186	35	25	2263 H	3.0C	754.333
179	814	270	18: 2:54	-34:31:12	209714/	-0:13	-0:44	B8	8.71	8.31	145	45	49	2064	10.0C	206.400
180	814	270	18: 2:54	-34:31:12	209718/	-0:16	0: 2	B8	9.24	9.05	145	45	49	2064	10.0C	206.400
181	586	184	18: 2:55	-29:26:32	186265	0: 3	-0:18	B5	8.50	.00	171	29	100	1178	1.0L	1178.000
182	353	77	18: 2:55	-24: 9:33	186268	-0: 6	2:31	B9	8.10	.00	182	66	26?	4882 H	3.0C	1627.333
183	353	77	18: 2:55	-24: 9:33	186282?	-0:31	0:21	B9	9.00	.00	182	66	26?	4882 H	3.0C	1627.333
184	589	174	18: 2:55	-29:27:11	186265	0: 3	-0:57	B5	8.50	.00	352	91	47	8223	10.0C	822.300
185	360	75	18: 2:58	-24: 9:46	186268	-0: 3	2:18	B9	8.10	.00	392	212	51	17996 H	10.0C	1799.600
186	675	218	18: 3: 1	-31:36:41	209704	0:11	-2: 5	B8	8.92	8.69	98	34	22	1264?	3.0C	421.333
187	513	148	18: 3:12	-27:44:36	NO						73	5	47	117	10.0C	11.700
188	549	163	18: 3:17	-28:35: 3	186278	-0: 1	-1: 1	B8	9.20	.00	92	19	44	596	10.0C	59.600
189	691	233	18: 3:21	-31:52:24	209701?	0:37	2:52	A5	9.70	9.85	141	34	98	990?	1.0L	990.000
190	717	234	18: 3:24	-32:25:35	209720	-0: 2	-2: 9	B8	8.82	8.63	84	21	38	659	10.0C	65.900
191	717	234	18: 3:24	-32:25:35	209722?	-0:14	4:42	B9	9.60	9.75	84	21	38	659 H	10.0C	65.900
192	468	133	18: 3:25	-26:43:47	NO						68	5	42	120	10.0C	12.000
193	519	153	18: 3:25	-27:53:54							83	10	48	268?	10.0C	26.800
194	531	166	18: 3:35	-28:22: 1	186286	-0: 1	0:11	A0	7.33	.00	122	25	26	1220	3.0C	406.667
195	536	172	18: 3:36	-28:21: 8	186286	-0: 0	1: 4	A0	7.33	.00	133	11	98	312	1.0L	312.000
196	348	78	18: 3:38	-23:57:16	NO						77	4	51	93	10.0C	9.300
197	539	163	18: 3:38	-28:23:25	186286	0: 2	-1:14	A0	7.33	.00	292	62	44	5163 H	10.0C	516.300
198	950	337	18: 3:40	-37:33:28	209728	-0:18	-1:30	B9	9.30	8.94	75	28	37	802	10.0C	80.200
199	501	149	18: 3:42	-27:31: 7	186292	-0: 8	-0:13	B5	9.00	.00	97	19	44	650 L	10.0C	65.000
200	561	179	18: 3:45	-29: 3:26	186287/	0: 7	-0:52	A0	8.10	.00	69	18	23	560	3.0C	186.667

SGR NORMAL RA 18:34 DEC -30:24

OBJECT NO.	X	Y	R.A.	DEC.	SAO NO.	Δ R.A.	Δ DEC.	SPEC. TYPE	V MAG.	P MAG.	PEAK DEN.	NO. OF POINTS	BG	DENSITY VOLUME	EXP.& FILTER	DEN.VOL/ EXP.
201	561	179	18: 3:45	-29: 3:26	186288/	0: 0	1:26	B9	7.90	.00	69	18	23	560	3.0C	186.667
202	569	177	18: 3:48	-29: 4:50	186287/	0:11	-2:16	A0	8.10	.00	174	61	43	3260	10.0C	326.000
203	569	177	18: 3:48	-29: 4:50	186288/	0: 4	0: 2	B9	7.90	.00	174	61	43	3260	10.0C	326.000
204	440	123	18: 3:49	-26: 6:55	NO						159	53	47	2710	10.0C	271.000
205	432	126	18: 3:52	-26: 5:59	NO						65	15	25	465	3.0C	155.000
206	683	239	18: 4:10	-31:47: 7							129	7	95	1997	1.0L	199.000
207	629	212	18: 4:10	-30:40:22	209733	0: 1	-0: 9	B9	8.89	8.50	56	9	22	243	3.0C	81.000
208	637	210	18: 4:14	-30:41:45	209733	0: 6	-1:31	B9	8.89	8.50	128	30	41	1363	10.0C	136.300
209	823	296	18: 4:15	-35: 1:39	209746	-0:18	0: 8	B0	8.66	8.22	49	7	23	160	3.0C	53.333
210	831	293	18: 4:16	-35: 2:27	209746	-0:17	-0:41	B8	8.66	8.22	116	38	40	1665	10.0C	166.500
211	463	141	18: 4:17	-26:41:38	186310	-0:12	0:21	A0	8.80	.00	67	5	44	108 L	10.0C	10.800
212	394	109	18: 4:19	-25: 6:31	186306	-0: 3	0:11	B	8.40	.00	89	23	47	664	10.0C	66.400
213	415	120	18: 4:27	-25:35:23	186315	-0: 4	0:40	B9	8.50	.00	113	25	51	976	10.0C	97.600
214	304	71	18: 4:36	-23: 3:53	186324	-0: 7	2:52	B9	8.40	.00	112	8	50?	386 L	10.0C	38.600
215	587	195	18: 4:43	-29:35:20	NO						73	10	41	260	10.0C	26.000
216	295	68	18: 4:44	-22:52:38	186320/	0: 4	1:39	B2	9.10	.00	141	8	53?	588	10.0C	58.800
217	295	68	18: 4:44	-22:52:38	186325/	-0: 4	0:36	B3	8.50	.00	141	8	53?	588	10.0C	58.800
218	286	70	18: 4:46	-22:50:11	186320/	0: 6	4: 6	B2	9.10	.00	66	31	23	982	3.0C	327.333
219	286	70	18: 4:46	-22:50:11	186325/	-0: 2	3: 3	B3	8.50	.00	66	31	23	982	3.0C	327.333
220	798	291	18: 4:47	-34:32: 2	209755	-0:17	-0:55	B8	8.20	7.87	48	6	24	133 L	3.0C	44.333
221	889	324	18: 4:48	-36:20:13	209758?	-0:21	-0:30	A0	9.00	8.70	92	34	37	1222 H	10.0C	122.200
222	479	154	18: 4:49	-27: 7:21	186327	-0: 3	0:42	A0	9.30	.00	81	17	41	518	10.0C	51.800
223	479	161	18: 4:50	-27:17: 7	186331	-0: 7	2:14	B9	8.60	.00	53	5	24	132	3.0C	44.000
224	806	288	18: 4:50	-34:31:41	209755	-0:14	-0:35	B8	8.20	7.87	124	59	44	2668	10.0C	266.800
225	487	158	18: 4:53	-27:18:30	186331	-0: 5	0:51	B9	8.60	.00	122	26	45	1157	10.0C	115.700
226	402	121	18: 4:57	-25:21:54	186332	-0: 5	-0:28	B2	8.50	.00	127	51	44	2133 L	10.0C	213.300
227	394	124	18: 5: 1	-25:21: 1	186332	-0: 1	0:26	B2	8.50	.00	54	10	24	250 L	3.0C	83.333
228	657	230	18: 5:11	-31:15: 6	209767?	-0:29	0:20	B9	9.38	9.28	70	12	41	281 L	10.0C	28.100
229	465	157	18: 5:28	-26:51:58	186345	-0:13	0:32	B5	9.00	.00	75	9	41	247 L	10.0C	24.700
230	446	159	18: 5:34	-26:28:47							131	9	94	2637	1.0L	263.000
231	450	161	18: 5:36	-26:34:21							143	15	96	4997	1.0L	499.000
232	899	348	18: 5:38	-36:40:11	209779	-0:21	0:44	B0	6.58	.00	180	64	88	3032	1.0L	3032.000
233	893	341	18: 5:39	-36:39:55	209779	-0:20	0:59	B0	6.58	.00	223	82	23	6267	3.0C	2089.000
234	401	141	18: 5:41	-25:27:36	186350	-0: 7	1:18	B8	6.27	.00	180	38	92	1743	1.0L	1743.000
235	644	237	18: 5:44	-31:10:15	209767?	0: 5	5:10	B9	9.38	9.28	59	9	21	257	3.0C	85.667
236	644	237	18: 5:44	-31:10:15	209771	-0: 1	-0: 8	A0	7.69	.00	59	9	21	257	3.0C	85.667
237	404	132	18: 5:44	-25:28:44	186350	-0: 4	0:10	B8	6.27	.00	395	115	47	13134	10.0C	1313.400
238	902	339	18: 5:44	-36:42:15	209779	-0:15	-1:21	B0	6.58	.00	414	149	40	21065	10.0C	2106.500
239	771	290	18: 5:46	-34: 1:56	209777	-0: 9	-0:54	B8	9.25	9.02	53	8	23	200	3.0C	66.667
240	779	287	18: 5:46	-34: 2:44	209777	-0: 8	-1:43	B8	9.25	9.02	128	31	46	1409	10.0C	140.900
241	396	135	18: 5:48	-25:27:51	186350	-0: 1	1: 3	B8	6.27	.00	256	55	25	4360	3.0C	1453.333
242	313	92	18: 5:49	-23:24:58	186360	-0:16	1:43	B9	9.30	.00	105	131	48	4542 H	10.0C	454.200
243	652	235	18: 5:49	-31:11:36	209767?	0: 9	3:49	B9	9.38	9.28	134	52	39	2234 H	10.0C	223.400
244	652	235	18: 5:49	-31:11:36	209771	0: 4	-1:28	A0	7.69	.00	134	52	39	2234 H	10.0C	223.400
245	329	109	18: 6: 4	-23:58:19	186366	-0:11	1:33	B0	7.48	.00	258	78	36	5918	3.0C	1972.667
246	337	107	18: 6: 5	-23:59:36	186366	-0:10	0:15	B0	7.48	.00	411	130	46	22745	10.0C	2274.500
247	282	81	18: 6: 8	-22:44: 6	186365	-0: 5	3: 6	B8	8.70	.00	92	49	45?	1491	10.0C	149.100
248	334	116	18: 6: 9	-23:57:44	186366	-0: 5	2: 8	B0	7.48	.00	180	48	99	2142	1.0L	2142.000
249	366	123	18: 6:20	-24:41: 2	186374	-0: 8	-0:37	B8	8.90	.00	80	22	45	605	10.0C	60.500
250	813	319	18: 6:22	-34:53:50	209789	-0:16	-1: 7	B5	9.11	8.79	114	4	91	89 L	1.0L	89.000
251	515	187	18: 6:22	-28: 6:44	NO						68	8	39	190	10.0C	19.000
252	807	313	18: 6:23	-34:53:32	209789	-0:15	-0:49	B5	9.11	8.79	68	17	22	546	3.0C	182.000
253	815	310	18: 6:26	-34:53: 9	209789	-0:11	-0:26	B5	9.11	8.79	175	52	40	3024	10.0C	302.400
254	836	326	18: 6:28	-35:31:34	209792/	-0:12	4: 5	A0	8.88	8.75	45	4	23	86 L	3.0C	28.667
255	836	326	18: 6:28	-35:31:34	209797/	-0:16	-0:53	B8	8.88	8.58	45	4	23	86 L	3.0C	28.667
256	438	156	18: 6:29	-26:20:58	186372	0: 5	0:14	A0	9.00	.00	82	18	38	570	10.0C	57.000
257	844	323	18: 6:31	-35:31:10	209792?	-0: 8	4:30	A0	8.88	8.75	105	35	41	1350	10.0C	135.000
258	844	323	18: 6:31	-35:31:10	209797	-0:13	-0:29	B8	8.88	8.58	105	35	41	1350	10.0C	135.000
259	320	105	18: 6:34	-23:39:30	186379/	-0:10	1:57	B	9.10	.00	399	177	48	18045 H	10.0C	1804.500
260	320	105	18: 6:34	-23:39:30	186380/	-0:10	-0: 9	B	8.70	.00	399	177	48	18045 H	10.0C	1804.500
261	320	105	18: 6:34	-23:39:30	186381/	-0:12	0:27	B8	9.40	.00	399	177	48	18045 H	10.0C	1804.500
262	320	105	18: 6:34	-23:39:30	186385/	-0:15	-2: 1	B5	9.50	.00	399	177	48	18045 H	10.0C	1804.500
263	702	271	18: 6:36	-32:34:26	209791	-0: 3	-0:36	B8	9.14	8.90	51	6	22	148	3.0C	49.333
264	710	268	18: 6:36	-32:35:16	209791	-0: 3	-1:26	B8	9.14	8.90	114	32	40	1251	10.0C	125.100
265	321	120	18: 6:49	-23:45:11	186379?	0: 5	-3:44	B	9.10	.00	162	114	90	4664	1.0L	4664.000
266	321	120	18: 6:49	-23:45:11	186389	-0:15	1:50	B5	7.64	.00	162	114	90	4664 H	1.0L	4664.000
267	323	111	18: 6:53	-23:45:10	186379?	0:10	-3:43	B	9.10	.00	397	325	49	29492 H	10.0C	2949.200
268	323	111	18: 6:53	-23:45:10	186389	-0:11	1:51	B5	7.64	.00	397	325	49	29492 H	10.0C	2949.200
269	798	309	18: 6:56	-34:34: 9	209808	-0:16	-1:11	A0	8.93	8.68	64	5	39	115?L	10.0C	11.500
270	315	114	18: 6:57	-23:44:21	186379?	0:14	-2:53	B	9.10	.00	189	152	26	10568	3.0C	3522.667
271	315	114	18: 6:57	-23:44:21	186381?	0:11	-4:23	B8	9.40	.00	189	152	26	10568	3.0C	3522.667
272	315	114	18: 6:57	-23:44:21	186389	-0: 7	2:40	B5	7.64	.00	189	152	26	10568 H	3.0C	3522.667
273	590	228	18: 7:18	-29:55:29	186397	0: 1	-0:26	B9	8.80	.00	93	18	40	594	10.0C	59.400
274	352	130	18: 7:19	-24:27:27	186402	-0: 7	0:26	B8	9.60	.00	77	13	41	375	10.0C	37.500
275	320	122	18: 7:20	-23:54:23	186406	-0: 9	1:25	B5	8.80	.00	88	39	28	1309?	3.0C	436.333
276	325	129	18: 7:21	-23:53:22	186406	-0: 8	2:26	B5	8.80	.00	116	10	88	243 L	1.0L	243.000
277	719	280	18: 7:23	-32:51:20	NO						93	19	41	661	10.0C	66.100
278	760	309	18: 7:25	-33:50:28	209817	-0:12	-1:48	B5	6.24	.00	396	93	98	9526	1.0L	9526.000
279	762	299	18: 7:29	-33:49:46	209817	-0: 8	-1: 6	B5	6.24	.00	433	305	40	38188	10.0C	3818.800
280	754	303	18: 7:34	-33:49:27	209817	-0: 3	-0:47	B5	6.24	.00	414	132	24	14356 H	3.0C	4785.333
281	688	275	18: 8: 0	-32:14: 1	NO						69	11	37	280	10.0C	28.000
282	815	329	18: 8: 6	-35: 2:43	209832	-0:14	-0:28	B8	6.99	.00	206	57	38	3850 L	10.0C	385.000
283	316	135	18: 8: 7	-23:46:45							134	11	86	3907	1.0L	390.000
284	807	332	18: 8: 8	-35: 3:36	209832	-0:12	-1:21	B8	6.99	.00	79	20	23	704	3.0C	234.667
285	586	237	18: 8:15	-29:54:56	186424/	0: 8	-0: 8	A0	8.30	.00	79	7	45	188 L	10.0C	18.800
286	586	237	18: 8:15	-29:54:56	186432/	-0:17	-2:51	A0	8.90	.00	79	7	45	188 L	10.0C	18.800
287	696	282	18: 8:21	-32:26:36	209833	-0: 1	-1:37	B8	8.69	8.32	136	31	38	1590	10.0C	159.000
288	688	285	18: 8:22	-32:25:48	209833	-0: 1	-0:49	B8	8.69	8.32	61	9	21	273	3.0C	91.000
289	785	319	18: 8:25	-34:25:20	209834	-0: 6	-1: 6	B9	9.10	8.73	75	6	45	161 L	10.0C	16.100
290	794	324	18: 8:27	-34:37:39	209838	-0:13	-1:18	A0	8.50	8.18	71	8	41	208 L	10.0C	20.800
291	645	263	18: 8:29	-31:17: 4	NO						77	10	42	274	10.0C	27.400
292	907	371	18: 8:30	-37: 3:40	209840	-0:12	-0:25	A0	8.50	8.30	62	7	37	160 L	10.0C	16.000
293	415	173	18: 8:31	-26: 2: 3	186441	-0:10	-0: 5	A0	9.00	.00	93	25	37	886	10.0C	88.600
294	762	318	18: 8:32	-34: 6:26	209841	-0:15	-1:35	B8	7.11	.00	177	39	24	2507 H	3.0C	835.667
295	550	227	18: 8:32	-29: 7:46	NO						78	12	46	289	10.0C	28.900
296	698	292	18: 8:33	-32:40:15	209837	-0: 7	-0:23	B8	8.37	7.75	79	14	22	499	3.0C	166.333
297	574	243	18: 8:34	-29:51:30	186432	0: 1	0:35	A0	8.90	.00	59	7	26	175	3.0C	58.333
298	767	325	18: 8:39	-34: 6: 4	209841	-0: 8	-1:12	B8	7.11	.00	163	24	92	1024	1.0L	1024.000
299	706	289	18: 8:39	-32:41:30	209837	-0: 2	-1:38	B8	8.37	7.75	178	39	42	2285	10.0C	228.500
300	582	241	18: 8:40	-29:51:37	186432	0: 7	0:28	A0	8.90	.00	124	27	45	1212 H	10.0C	121.200

SGR NORMAL RA 18:34 DEC -30:24

OBJECT NO.	X	Y	R.A.	DEC.	SAO NO.	Δ R.A.	Δ DEC.	SPEC. TYPE	V MAG.	P MAG.	PEAK DEN.	NO. OF POINTS	BG	DENSITY VOLUME	EXP.& FILTER	DEN.VOL/ EXP.
301	769	316	18: 8:41	-34: 6:30	209941	-0: 7	-1:38	B8	7.11	.00	369	90	46	9103 H	10.0C	910.300
302	532	229	18: 8:44	-29:54:18	186444	-0: 4	0:32	A0	6.38	.00	108	18	23	820 L	3.0C	273.333
303	318	134	18: 8:45	-23:50:55	NO						60	4	39	83	10.0C	8.300
304	561	241	18: 8:47	-29:33:44	186445	-0: 2	1:18	B9	8.00	.00	65	9	23	262	3.0C	87.333
305	539	227	18: 8:49	-28:54:26	186444	0: 2	0:25	A0	6.38	.00	230	47	38	3507 L	10.0C	350.700
306	537	236	18: 8:50	-28:53:54	186444	0: 3	0:57	A0	6.38	.00	126	7	95	183 L	1.0L	183.000
307	569	238	18: 8:51	-29:35: 1	186445	0: 2	0: 0	B9	8.00	.00	131	30	41	1343	10.0C	134.300
308	430	184	18: 8:53	-26:24: 1	186449	-0: 5	0:34	A0	8.50	.00	65	5	37	125 L	10.0C	12.500
309	474	204	18: 9: 0	-27:25: 8							82	12	42	352?	10.0C	35.200
310	878	366	18: 9:10	-36:29:32	209851	-0:10	0: 2	B9	8.26	8.03	92	22	40	646 L	10.0C	64.600
311	460	203	18: 9:24	-27: 8:18	186462	-0: 7	0:59	B9	9.20	.00	102	20	42	762?	10.0C	76.200
312	505	231	18: 9:25	-28:13:42	186471	-0:20	3:54	A0	9.20	.00	142	17	91	552 H	1.0L	552.000
313	505	231	18: 9:25	-28:13:42	186472?	-0:25	6: 9	A0	9.20	.00	142	17	91	552 H	1.0L	552.000
314	865	364	18: 9:25	-36:14:45	NO						56	4	36	84	10.0C	8.400
315	500	225	18: 9:26	-28:13:24	186471	-0:19	4:12	A0	9.20	.00	117	22	22	1036 H	3.0C	345.333
316	508	222	18: 9:29	-28:14:40	186471	-0:16	2:56	A0	9.20	.00	251	55	39	4153 H	10.0C	415.300
317	653	280	18: 9:37	-31:34:56	NO						75	12	37	348	10.0C	34.800
318	684	293	18: 9:42	-32:17:10	209862?	-0:14	6:59	B8	9.32	9.14	69	8	43	184 L	10.0C	18.400
319	689	297	18: 9:54	-32:24:51	209862	-0: 2	-0:42	B8	9.32	9.14	100	26	42	878	10.0C	87.800
320	460	212	18:10: 4	-27:13: 3	186481	-0: 7	0:43	B9	8.20	.00	239	49	40	3584 H	10.0C	358.400
321	452	215	18:10: 6	-27:12:14	186481	-0: 5	1:31	B9	8.20	.00	110	21	23	921 H	3.0C	307.000
322	457	221	18:10: 7	-27:11:21	186481	-0: 4	2:25	B9	8.20	.00	124	7	93	180 L	1.0L	180.000
323	554	248	18:10: 8	-29:22:41	186480	-0: 0	-0:40	B9	9.20	.00	68	7	36	193 L	10.0C	19.300
324	261	127	18:10:11	-22:42:43	186489	-0:12	1:12	B2	8.60	.00	98	39	41	1423 L	10.0C	142.300
325	801	346	18:10:11	-34:55:28	209871	-0: 7	-0:28	B8	9.22	8.91	72	7	36	1887L	10.0C	18.800
326	666	303	18:10:19	-31:59:37	209873	-0: 3	-0:43	B8	6.64	.00	185	21	93	851	1.0L	851.000
327	660	297	18:10:23	-31:58: 7	209873	0: 1	0:48	B8	6.64	.00	171	32	22	2034	3.0C	678.000
328	883	389	18:10:26	-36:53:50	209883	-0:16	-0:37	B5	8.36	8.00	59	18	22	501	3.0C	167.000
329	668	295	18:10:28	-31:59:20	209873	0: 6	-0:26	B8	6.64	.00	344	75	39	7498	10.0C	749.800
330	891	386	18:10:30	-36:53:18	209883	-0:11	-0: 5	B5	8.36	8.00	154	80	38	4278	10.0C	427.800
331	769	347	18:10:31	-34:19:15	209885	-0:12	-1: 0	B8	7.85	7.37	116	6	91	132 L	1.0L	132.000
332	956	419	18:10:31	-38:27:17	209880	-0: 9	-1:39	A0	7.14	.00	65	29	20	900	3.0C	300.000
333	716	322	18:10:33	-33:15:48	209888	-0:12	-0:51	B9	8.21	7.82	60	7	24	200	3.0C	66.667
334	772	338	18:10:33	-34:19:39	209885	-0:11	-1:24	B8	7.85	7.37	216	43	41	3171	10.0C	317.100
335	764	341	18:10:35	-34:20:33	209885	-0: 8	-2:18	B8	7.85	7.37	86	19	23	715	3.0C	238.333
336	926	401	18:10:36	-37:38:55	209876/	0:10	1:57	B9	9.70	9.37	77	22	38	6207L	10.0C	62.000
337	926	401	18:10:36	-37:38:55	209886/	-0: 9	-0:45	A0	7.70	7.42	77	22	38	6207L	10.0C	62.000
338	964	416	18:10:36	-38:26:41	209880	-0: 4	-1: 4	A0	7.14	.00	184	81	36	5096 H	10.0C	509.600
339	724	320	18:10:39	-33:17: 0	209888	-0: 6	-2: 3	B9	8.21	7.82	134	19	39	1055	10.0C	105.500
340	386	189	18:10:52	-25:19:26	186506	-0:11	0: 8	B5	8.50	.00	81	19	22	706	3.0C	235.333
341	371	195	18:10:53	-25:18:29	186506	-0:10	1: 5	B5	8.50	.00	112	5	86	121 L	1.0L	121.000
342	466	235	18:10:55	-27:28:53	186505	-0: 7	2:11	B9	7.50	.00	142	17	91	546	1.0L	546.000
343	373	187	18:10:57	-25:18:19	186506	-0: 6	1:15	B5	8.50	.00	196	47	37	3158	10.0C	315.800
344	461	229	18:10:59	-27:30:13	186505	-0: 3	0:51	B9	7.50	.00	143	23	23	1267	3.0C	422.333
345	469	226	18:10:59	-27:29:50	186505	-0: 3	1:14	B9	7.50	.00	286	51	41	4605 H	10.0C	460.500
346	709	327	18:11:16	-33: 9:54	209900	-0: 9	-0:31	B2	8.30	7.89	182	32	23	2078	3.0C	692.000
347	717	324	18:11:16	-33:10:38	209900	-0: 9	-1:15	B2	8.30	7.89	345	94	39	8548	10.0C	854.800
348	518	255	18:11:19	-28:49:55	186512	-0: 4	1:21	B8	8.00	.00	97	16	26	582	3.0C	194.000
349	523	261	18:11:20	-28:49: 4	186512	-0: 3	2:13	B8	8.00	.00	130	7	95	191 L	1.0L	191.000
350	526	252	18:11:22	-28:51: 9	186512	-0: 1	0: 7	B8	8.00	.00	196	65	51	2984	10.0C	298.400
351	714	334	18:11:23	-33: 9:31	209900	-0: 2	-0: 8	B2	8.30	7.89	169	23	92	1035	1.0L	1035.000
352	505	245	18:11:24	-28:21:44	186514	-0: 3	0:54	B8	9.00	.00	123	20	45	929	10.0C	92.900
353	556	264	18:11:25	-29:31:47	186513/	0: 2	1:50	A0	9.30	.00	72	9	38	250 L	10.0C	25.000
354	556	264	18:11:25	-29:31:47	186513/	-0: 0	1:19	A0	9.10	.00	72	9	38	250 L	10.0C	25.000
355	497	248	18:11:26	-28:20:57	186514	-0: 1	1:41	B8	9.00	.00	57	7	24	178	3.0C	59.333
356	511	248	18:11:28	-28:30: 7	186524	-0:14	-1:19	B9	9.20	.00	80	11	53	208 L	10.0C	20.800
357	216	125	18:11:38	-21:50:43	NO						59	6	36	133	10.0C	13.300
358	637	297	18:11:39	-31:23:26	209904	-0: 1	0:36	B8	8.69	8.26	101	22	36	838 L	10.0C	83.800
359	260	157	18:11:41	-22:52:10							112	5	81	125?	1.0L	125.000
360	234	143	18:11:51	-22:26:20	186539	-0:13	1:24	B5	9.00	.00	59	20	23	545	3.0C	181.667
361	242	141	18:11:51	-22:27:27	186539	-0:13	0:16	B5	9.00	.00	135	70	39	3314	10.0C	331.400
362	311	172	18:11:52	-24: 0:20	186534	-0:10	0:32	B8	8.38	.00	71	18	36	494 L	10.0C	49.400
363	949	424	18:11:55	-38:14:16	NO						64	15	33	397	10.0C	39.700
364	772	360	18:11:60	-34:38: 7	209916	-0: 8	-1:27	B8	6.85	.00	130	29	21	1529	3.0C	509.667
365	777	366	18:12: 1	-34:37:16	209916	-0: 7	-0:36	B8	6.85	.00	130	14	89	429	1.0L	429.000
366	780	357	18:12: 1	-34:38:48	209916	-0: 7	-2: 8	B8	6.85	.00	317	67	37	6357	10.0C	635.700
367	862	393	18:12: 9	-36:35:16	209922	-0:18	0:11	B3	7.00	.00	245	72	22	5683 H	3.0C	1894.333
368	652	309	18:12:11	-31:47:38	209906?	0:31	-2: 7	A0	9.66	9.58	91	18	36	664 H	10.0C	88.400
369	867	406	18:12:16	-36:34:50	209922	-0:11	3:37	B3	7.00	.00	195	53	86	2820	1.0L	2820.000
370	870	397	18:12:17	-36:36:20	209922	-0:11	-0:53	B3	7.00	.00	410	158	37	10503	10.0C	1050.300
371	703	336	18:12:19	-33: 6:58	209919	-0: 4	-0:28	B9	6.87	.00	90	17	21	682	3.0C	227.333
372	711	333	18:12:19	-33: 7:41	209919	-0: 4	-1:11	B9	6.87	.00	221	62	37	3687 L	10.0C	368.700
373	826	379	18:12:19	-35:39: 9	209923	-0: 9	0: 7	A0	7.40	7.21	60	5	36	112 L	10.0C	11.200
374	708	342	18:12:20	-33: 6: 8	209919	-0: 3	0:22	B9	6.87	.00	113	4	89	92 L	1.0L	92.000
375	878	401	18:12:24	-36:46:16	209924	-0: 5	0:39	B8	8.25	7.96	76	9	38	2672L	10.0C	26.700
376	488	251	18:12:25	-28: 3:59	186549	-0: 4	1:50	B8	8.50	.00	151	46	38	2223 H	10.0C	222.300
377	480	254	18:12:26	-28: 4:23	186549	-0: 4	1:25	B8	8.50	.00	71	10	22	330	3.0C	110.000
378	620	315	18:12:52	-31:10:10	209933	-0: 5	0:27	B5	7.60	.00	122	8	89	209 L	1.0L	209.000
379	614	309	18:12:53	-31: 9:50	209933	-0: 4	0:47	B5	7.60	.00	100	18	21	737 L	3.0C	245.667
380	622	307	18:12:57	-31:11: 1	209933	0: 1	-0:24	B5	7.60	.00	216	49	38	3182 L	10.0C	318.200
381	523	277	18:12:59	-29: 6:22	186556/	0:13	3:60	B8	8.60	.00	66	19	23	574	3.0C	191.333
382	523	277	18:12:59	-29: 6:22	186562/	-0: 5	1:19	B8	9.00	.00	66	19	23	574	3.0C	191.333
383	979	447	18:13: 1	-38:57:31	209934	0: 4	-1:13	B5	8.96	8.67	62	18	35	421 L	10.0C	42.100
384	560	294	18:13: 3	-30: 7:21	209938	-0: 3	1:12	B3	8.87	8.54	79	11	25	389	3.0C	129.667
385	573	300	18:13: 4	-30: 6:31	209938	-0: 2	2: 2	B3	8.87	8.54	118	4	92	92 L	1.0L	92.000
386	531	274	18:13: 4	-29: 6:23	186556/	0:18	3:58	B8	8.60	.00	143	51	37	2846	10.0C	284.600
387	531	274	18:13: 4	-29: 6:23	186562/	0: 1	1:18	B8	9.00	.00	143	51	37	2846	10.0C	284.600
388	374	215	18:13: 6	-25:33:10	186559?	0:13	-4:32	B8	9.30	.00	81	18	37	579	10.0C	57.900
389	374	215	18:13: 6	-25:33:10	186565	-0: 7	0:50	B8	8.80	.00	81	18	37	579 L	10.0C	57.900
390	576	291	18:13: 7	-30: 8:33	209938	0: 1	0: 0	B3	8.87	8.54	166	31	43	1862 L	10.0C	186.200
391	579	300	18:13:13	-30:22:59	209941	-0: 5	2:23	B8	7.69	7.28	69	11	24	335 L	3.0C	111.667
392	587	298	18:13:23	-30:24:37	209941	0: 5	0:45	B8	7.69	7.28	160	31	39	1720 L	10.0C	172.000
393	558	289	18:13:28	-29:46: 1	186572	-0: 0	0:31	A2	8.80	.00	98	18	39	676	10.0C	67.600
394	562	292	18:13:36	-29:52: 4	186576	-0: 1	0:35	B8	9.00	.00	223	52	38	3680	10.0C	368.000
395	554	295	18:13:37	-29:51:19	186572/	0: 9	-4:48	A2	8.80	.00	105	20	23	830 H	3.0C	276.667
396	554	295	18:13:37	-29:51:19	186576/	0: 1	1:20	B8	9.00	.00	105	20	23	830 H	3.0C	276.667
397	559	301	18:13:39	-29:50:29	186572?	0:10	-3:57	A2	8.80	.00	134	10	90	322	1.0L	322.000
398	559	301	18:13:39	-29:50:29	186576	0: 2	2:10	B8	9.00	.00	134	10	90	322	1.0L	322.000
399	938	439	18:13:41	-38: 9: 5	209948	-0: 5	-0:15	B9	9.24	8.83	58	10	33	225 L	10.0C	22.500
400	690	349	18:13:52	-32:58:18	209952	-0: 8	-0:50	B8	8.32	7.90	80	15	21	536	3.0C	178.667

SGR NORMAL RA 18:34 DEC -30:24

OBJECT NO.	X	Y	R.A.	DEC.	SAO NO.	Δ R.A.	Δ DEC.	SPEC. TYPE	V MAG.	P MAG.	PEAK DEN.	NO. OF POINTS	BG	DENSITY VOLUME	EXP.& FILTER	DEN.VOL/ EXP.
401	698	346	18:13:52	-32:59: 0	209952	-0: 8	-1:32	B8	8.32	7.90	180	28	39	1973	10.0C	197.300
402	695	355	18:13:53	-32:57:29	209952	-0: 7	-0: 0	B8	8.32	7.90	117	5	90	118	1.0L	118.000
403	816	393	18:13:59	-35:34:59	209954	-0: 4	-0:24	B9	9.39	9.04	75	15	36	451 L	10.0C	45.100
404	616	322	18:13:60	-31:18: 0	209953	-0: 2	0:58	B8	7.37	.00	105	18	21	788	3.0C	262.667
405	275	184	18:14: 1	-23:24:44	186597	-0:20	-0:17	B8	9.40	.00	65	4	36	1017L	10.0C	10.100
406	624	320	18:14: 5	-31:19:10	209953	0: 3	-0:12	B8	7.37	.00	218	65	36	3815	10.0C	381.500
407	621	329	18:14: 6	-31:17:38	209953	0: 5	1:20	B8	7.37	.00	118	6	91	140 L	1.0L	140.000
408	747	378	18:14: 6	-34: 8:21	209959/	-0:11	-0:46	B5	6.10	.00	343	62	89	5494	1.0L	5494.000
409	747	378	18:14: 6	-34: 8:21	209961/	-0:16	-1:57	A0	8.70	8.26	343	62	89	5494	1.0L	5494.000
410	741	372	18:14:13	-34: 8:28	209959/	-0: 4	-0:53	B5	6.10	.00	362	84	26	7965	3.0C	2655.000
411	741	372	18:14:13	-34: 8:28	209961/	-0: 9	-2: 4	A0	8.70	8.26	362	84	26	7965	3.0C	2655.000
412	749	369	18:14:13	-34: 9: 8	209959/	-0: 4	-1:32	B5	6.10	.00	416	182	42	21346	10.0C	2134.600
413	749	369	18:14:13	-34: 9: 8	209961/	-0: 9	-2:44	A0	8.70	8.26	416	182	42	21346 H	10.0C	2134.600
414	714	368	18:14:26	-33:25:37	209966	-0: 8	-0:41	B8	7.02	.00	129	12	91	339 L	1.0L	339.000
415	472	269	18:14:26	-27:53:49	186598/	-0: 0	-0:43	B9	8.20	.00	189	55	38	3227	10.0C	322.700
416	472	269	18:14:26	-27:53:49	186601/	-0: 6	1:14	B9	8.60	.00	189	55	38	3227	10.0C	322.700
417	524	288	18:14:26	-29: 5: 4	NO						88	13	38	458	10.0C	45.800
418	708	362	18:14:27	-33:25:17	209966	-0: 7	-0:20	B8	7.02	.00	123	21	22	1076	3.0C	358.667
419	573	306	18:14:27	-30:12:25	209964	-0: 3	0: 8	B9	9.52	9.33	104	24	36	923	10.0C	92.300
420	716	359	18:14:27	-33:25:57	209966	-0: 7	-1: 1	B8	7.02	.00	284	58	36	4971	10.0C	497.100
421	200	166	18:14:28	-21:49:43							109	10	76	269?	1.0L	269.000
422	464	272	18:14:28	-27:53: 5	186598/	0: 2	0: 0	B9	8.20	.00	87	18	21	699	3.0C	233.000
423	464	272	18:14:28	-27:53: 5	186601/	-0: 4	1:57	B9	8.60	.00	87	18	21	699	3.0C	233.000
424	469	278	18:14:29	-27:52:13	186598/	0: 3	0:52	B9	8.20	.00	115	6	87	142 L	1.0L	142.000
425	469	278	18:14:29	-27:52:13	186601/	-0: 3	2:49	B9	8.60	.00	115	6	87	142	1.0L	142.000
426	565	309	18:14:29	-30:11:41	209964	-0: 2	0:52	B9	9.52	9.33	51	4	21	98	3.0C	32.667
427	268	188	18:14:35	-23:18:17	186608	-0:10	-0:28	B8	8.00	.00	167	76	37	3948	10.0C	394.800
428	260	191	18:14:39	-23:17:37	186608	-0: 6	0:11	B8	8.00	.00	70	21	22	667	3.0C	222.333
429	850	415	18:14:43	-36:22:22	209970	-0:10	0: 4	B8	9.09	8.53	167	48	36	2777 H	10.0C	277.700
430	531	294	18:14:44	-29:15:58	186607	-0: 1	0:40	B8	8.50	.00	146	30	39	1571	10.0C	157.100
431	842	418	18:14:45	-36:23:24	209970	-0: 8	-0:57	B8	9.09	8.53	66	14	22	432	3.0C	144.000
432	523	297	18:14:46	-29:15:14	186607	0: 1	1:23	B8	8.50	.00	71	11	21	371	3.0C	123.667
433	550	303	18:14:55	-29:42:20	186615	-0: 2	1:37	B9	8.70	.00	100	22	36	794 L	10.0C	79.400
434	731	370	18:14:57	-33:48:28	209973	-0: 3	-0:55	B9	9.01	8.61	77	15	36	454 L	10.0C	45.400
435	764	390	18:15: 0	-34:43: 2	209978	-0:10	-0:38	B8	6.86	.00	162	32	23	1850	3.0C	616.667
436	393	247	18:15: 3	-26: 9:39	NO						65	6	36	149	10.0C	14.900
437	770	397	18:15: 5	-34:43:48	209978	-0: 6	-1:24	B8	6.86	.00	146	20	89	712	1.0L	712.000
438	347	229	18:15: 6	-25: 7: 9	186614	0:10	-1: 5	A0	8.90	.00	60	5	34	115 L	10.0C	11.500
439	772	398	18:15: 7	-34:44: 6	209978	-0: 4	-1:43	B8	6.86	.00	336	66	43	6665	10.0C	666.500
440	759	386	18:15:23	-34:27:59	NO						72	10	39	258	10.0C	25.800
441	231	183	18:15:25	-22:33:32	186627	-0:11	0:33	A0	8.80	.00	67	20	34	526	10.0C	52.600
442	314	220	18:15:28	-24:25: 4	186620/	0:17	-2:31	B9	9.10	.00	61	9	33	213 L	10.0C	21.300
443	314	220	18:15:28	-24:25: 4	186630/	-0: 8	-0:26	B8	9.40	.00	61	9	33	213 L	10.0C	21.300
444	480	289	18:15:49	-28:12:44	186635	-0: 5	1:28	B9	9.10	.00	109	22	37	926	10.0C	92.600
445	472	292	18:15:51	-28:12: 1	186635	-0: 2	2:10	B9	9.10	.00	52	4	21	111	3.0C	37.000
446	514	305	18:16:13	-29: 0:17	186642	-0: 1	0:60	A0	8.50	.00	123	27	36	1260	10.0C	126.000
447	506	308	18:16:14	-28:59:35	186642	0: 1	1:42	A0	8.50	.00	60	8	22	227	3.0C	75.667
448	367	252	18:16:14	-25:40:49	NO						71	11	34	320	10.0C	32.000
449	488	299	18:16:27	-28:26:31	186652	-0: 5	1:22	B8	9.10	.00	91	21	35	701	10.0C	70.100
450	820	428	18:16:29	-36: 3:23	209995?	-0: 9	-1:34	A5	9.15	9.26	72	18	21	617 H	3.0C	205.667
451	820	428	18:16:29	-36: 3:23	209996	-0:11	0: 7	B8	8.67	8.26	72	18	21	617 H	3.0C	205.667
452	189	180	18:16:36	-21:45:33	186659	-0:14	-0:13	A0	9.20	.00	54	5	32	104 L	10.0C	10.400
453	828	426	18:16:36	-36: 4:23	209995/	-0: 2	-2:34	A5	9.15	9.26	185	52	34	3269 H	10.0C	326.900
454	828	426	18:16:36	-36: 4:23	209996/	-0: 4	-0:54	B8	8.67	8.26	185	52	34	3269	10.0C	326.900
455	762	407	18:16:42	-34:48:15	210002	-0: 7	-0:26	B9	7.81	7.35	88	20	21	737	3.0C	245.667
456	767	414	18:16:43	-34:47:24	210002	-0: 6	0:25	B9	7.81	7.35	115	8	87	190 L	1.0L	190.000
457	317	238	18:16:48	-24:36:60	186661	-0: 8	0:16	B9	9.60	.00	69	14	33	381	10.0C	38.100
458	770	405	18:16:48	-34:49:17	210002	-0: 1	-1:28	B9	7.81	7.35	216	51	35	3431	10.0C	343.100
459	800	417	18:16:48	-35:29:17	210005	-0: 8	-2:13	B9	6.72	.00	355	90	35	9149	10.0C	914.900
460	791	420	18:16:49	-35:27:33	210005	-0: 7	-0:28	B9	6.72	.00	172	39	21	2469	3.0C	823.000
461	959	479	18:16:49	-38:49:28	209999	0: 6	0:34	B8	9.60	9.29	62	11	34	268 L	10.0C	26.800
462	652	368	18:16:52	-32:21:35	210001/	0: 4	1:48	B9	9.39	9.19	78	18	24	595	3.0C	198.333
463	652	368	18:16:52	-32:21:35	210003/	0: 2	0:15	B8	8.90	8.56	78	18	24	595	3.0C	198.333
464	652	368	18:16:52	-32:21:35	210004/	-0: 3	2:12	B8	8.77	8.56	78	18	24	595	3.0C	198.333
465	652	368	18:16:52	-32:21:35	210009/	-0: 9	0:24	B8	8.29	7.89	78	18	24	595	3.0C	198.333
466	652	368	18:16:52	-32:21:35	210015?	-0:27	0:52	A2	8.46	8.39	78	18	24	595	3.0C	198.333
467	660	365	18:16:52	-32:22:15	210001/	0: 4	1: 9	B9	9.39	9.19	197	55	42	3247	10.0C	324.700
468	660	365	18:16:52	-32:22:15	210003/	0: 1	-0:24	B8	8.90	8.56	197	55	42	3247	10.0C	324.700
469	660	365	18:16:52	-32:22:15	210004/	-0: 4	1:33	B8	8.77	8.56	197	55	42	3247	10.0C	324.700
470	660	365	18:16:52	-32:22:15	210009/	-0: 9	-0:15	B8	8.29	7.89	197	55	42	3247	10.0C	324.700
471	779	410	18:16:52	-35: 1:36	210008	-0: 8	-1:32	B8	9.42	9.03	87	16	40	508	10.0C	50.800
472	797	427	18:16:53	-35:28:18	210005	-0: 2	-1:13	B9	6.72	.00	153	27	85	1083	1.0L	1083.000
473	770	413	18:16:53	-34:59:51	210008	-0: 7	0:14	B8	9.42	9.03	62	16	22	460 H	3.0C	153.333
474	332	246	18:16:56	-24:57:34	186665	-0:10	0:24	B9	9.00	.00	66	9	32	246 L	10.0C	24.600
475	353	262	18:17:31	-25:29:48	186679	-0: 6	-0: 7	B9	8.90	.00	81	18	32	594 L	10.0C	59.400
476	479	311	18:17:49	-28:21: 5	186684	-0: 2	1:13	A0	8.80	.00	70	11	33	317 L	10.0C	31.700
477	872	464	18:17:54	-37:16:14	NO						72	24	22	778	3.0C	259.333
478	957	497	18:17:54	-39: 3:14	210022	0: 7	-0:31	B9	6.70	.00	51	17	20	437 L	3.0C	145.667
479	880	461	18:17:58	-37:15:33	NO						192	64	34	4157	10.0C	415.700
480	965	493	18:17:59	-39: 2:30	210022	0:13	0:13	B9	6.70	.00	136	68	33	3463	10.0C	346.300
481	593	354	18:18: 2	-30:57:50	210026	-0: 1	0: 4	B9	6.98	.00	277	56	33	4650	10.0C	465.000
482	595	357	18:18: 3	-30:57:11	210026	0: 0	0:44	B9	6.98	.00	119	22	22	1075	3.0C	358.333
483	590	363	18:18: 4	-30:56:22	210026	0: 1	1:33	B9	6.98	.00	139	14	86	503	1.0L	503.000
484	712	398	18:18: 8	-33:39:12	210031	-0: 5	-0:44	A	9.60	9.23	68	8	37	210	10.0C	21.000
485	651	376	18:18:12	-32:16:26	210027:	0: 8	-4: 7	A3	7.07	.00	80	13	36	410 L	10.0C	41.000
486	651	376	18:18:12	-32:16:26	210032	-0: 2	0: 3	B8	8.80	8.56	80	13	36	410 L	10.0C	41.000
487	478	326	18:18:13	-28:25:17	186684?	0:22	-2:59	A0	8.80	.00	282	69	87	6761 H	1.0L	6761.000
488	478	326	18:18:13	-28:25:17	186704?	-0:37	2: 0	A2	6.07	.00	282	69	87	6761 H	1.0L	6761.000
489	479	323	18:18:46	-28:26:60	186704/	-0: 4	0:17	A2	6.07	.00	68	11	35	280 L	10.0C	28.000
490	479	323	18:18:46	-28:26:60	186706/	-0: 7	2:45	A0	9.40	.00	68	11	35	280 L	10.0C	28.000
491	231	238	18:18:52	-22:56:32	186715/	-0: 9	0:15	B8	7.70	.00	100	7	74	168 L	1.0L	168.000
492	231	238	18:18:52	-22:56:32	186717/	-0: 9	0:15	B8	7.06	.00	100	7	74	168 L	1.0L	168.000
493	234	229	18:18:53	-22:57:21	186715/	-0: 8	-0:33	B8	7.70	.00	195	63	34	4247 L	10.0C	424.700
494	234	229	18:18:53	-22:57:21	186717/	-0: 8	-0:33	B8	7.06	.00	195	63	34	4247 L	10.0C	424.700
495	343	275	18:18:53	-25:23: 7	186716	-0: 8	0:27	B8	9.00	.00	65	9	32	240 L	10.0C	24.000
496	226	232	18:18:56	-22:57:58	186715/	-0: 5	-1:10	B8	7.70	.00	81	27	20	1023	3.0C	341.000
497	226	232	18:18:56	-22:57:58	186717/	-0: 5	-1:10	B8	7.06	.00	81	27	20	1023	3.0C	341.000
498	499	333	18:19: 1	-28:54:58	186720	-0: 4	1:43	B9	9.20	.00	61	6	33	149 L	10.0C	14.900
499	705	405	18:19: 2	-33:33:59	210052	0: 2	-0:53	A0	9.35	9.08	80	18	33	581	10.0C	58.100
500	386	304	18:19: 7	-26:25: 4	186726	-0: 7	1:26	B	7.99	.00	131	10	84	349	1.0L	349.000

SGR NORMAL RA 18:34 DEC -30:24

OBJECT NO.	X	Y	R.A.	DEC.	SAO NO.	Δ R.A.	Δ DEC.	SPEC. TYPE	V MAG.	P MAG.	PEAK DEN.	NO. OF POINTS	BG	DENSITY VOLUME	EXP.& FILTER	DEN.VOL/ EXP.
501	388	295	18:19:10	-26:25:49	186726	-0: 4	0:41	B	7.99	.00	228	52	34	3688	10.0C	368.800
502	380	298	18:19:13	-26:25:12	186726	-0: 1	1:18	B	7.99	.00	111	19	23	930	3.0C	310.000
503	410	304	18:19:15	-26:55:38	186730/	-0: 3	0:30	A0	8.80	.00	76	13	34	393 L	10.0C	39.300
504	410	304	18:19:15	-26:55:38	186733/	-0: 7	0:33	A0	8.40	.00	76	13	34	393 L	10.0C	39.300
505	845	473	18:19:23	-36:42: 5	210061	-0: 7	-0:24	B8	5.39	.00	288	65	83	4820	1.0L	4820.000
506	839	467	18:19:24	-36:41:49	210061	-0: 6	-0: 8	B8	5.39	.00	378	90	23	9366	3.0C	3122.000
507	988	518	18:19:25	-39:43:59	NO						55	5	36	95	10.0C	9.500
508	847	464	18:19:28	-36:41: 8	210061	-0: 2	0:33	B8	5.39	.00	416	202	37	25188	10.0C	2518.800
509	552	357	18:19:30	-30: 9:42	210064	-0: 4	0:15	B	8.52	8.07	239	51	33	3708	10.0C	370.800
510	544	360	18:19:31	-30: 9: 4	210064	-0: 2	0:53	B	8.52	8.07	102	21	21	894	3.0C	298.000
511	549	366	18:19:32	-30: 8:15	210064	-0: 1	1:42	B	8.52	8.07	133	12	87	378	1.0L	378.000
512	216	234	18:19:50	-22:39:34	186743	-0:12	-1:27	B9	9.00	.00	58	8	33	178 L	10.0C	17.800
513	992	525	18:19:55	-39:50: 1	NO						76	21	34	650	10.0C	65.000
514	408	315	18:20:12	-26:57:31	186748	-0: 6	1:16	B0	8.80	.00	161	30	35	1791 L	10.0C	179.100
515	405	324	18:20:14	-26:57:13	186748	-0: 4	1:33	B0	8.80	.00	113	4	86	98 L	1.0L	98.000
516	400	318	18:20:15	-26:56:54	186748	-0: 3	1:52	B0	8.80	.00	71	13	21	417	3.0C	139.000
517	432	324	18:20:17	-27:31:20	186747	-0: 0	0:24	A0	8.40	.00	65	7	34	173 L	10.0C	17.300
518	234	249	18:20:23	-23: 5:58	186754	-0: 7	-0:42	B9	9.00	.00	78	25	33	794	10.0C	79.400
519	181	229	18:20:34	-21:57: 8	186763	-0:13	-0:24	B9	9.00	.00	64	17	32	444	10.0C	44.400
520	735	446	18:20:45	-34:24:29	210084/	0:14	0: 5	B8	10.10	9.60	403	127	88	12074	1.0L	12074.000
521	735	446	18:20:45	-34:24:29	210088/	0: 1	-2:50	B9	6.79	.00	403	127	88	12074	1.0L	12074.000
522	735	446	18:20:45	-34:24:29	210091/	-0: 6	0: 8	A0	1.95	.00	403	127	88	12074	1.0L	12074.000
523	729	439	18:20:47	-34:24: 9	210084/	0:15	0:25	B9	10.10	9.60	442	240	25	25361	3.0C	8453.667
524	729	439	18:20:47	-34:24: 9	210088/	0: 2	-2:30	B9	6.79	.00	442	240	25	25361	3.0C	8453.667
525	729	439	18:20:47	-34:24: 9	210091/	-0: 5	0:28	A0	1.95	.00	442	240	25	25361	3.0C	8453.667
526	868	486	18:20:47	-37:14:43	210087	0: 2	-0: 3	B9	9.02	8.60	100	32	35	1224 H	10.0C	122.400
527	868	486	18:20:47	-37:14:43	210098?	-0:20	0:33	A3	7.84	7.71	100	32	35	1224 H	10.0C	122.400
528	736	436	18:20:49	-34:23:30	210084?	0:17	1: 4	B8	10.10	9.60	447	436	42	63244 H	10.0C	6324.400
529	736	436	18:20:49	-34:23:30	210088/	0: 4	-1:51	B9	6.79	.00	447	438	42	63244 H	10.0C	6324.400
530	736	436	18:20:49	-34:23:30	210091/	-0: 2	1: 6	A0	1.95	.00	447	438	42	63244 H	10.0C	6324.400
531	369	309	18:20:55	-26: 8:52	NO						79	16	32	519	10.0C	51.900
532	925	519	18:21: 6	-38:41:31	210097	-0: 0	-3: 7	B8	8.20	7.87	50	9	21	224 L	3.0C	74.667
533	334	299	18:21: 8	-25:23:21							66	8	34	192?	10.0C	19.200
534	933	516	18:21: 8	-38:41:54	210097	0: 2	-3:30	B8	8.20	7.87	133	58	33	2814	10.0C	281.400
535	405	335	18:21:13	-27: 1:53							159	28	85	1249	1.0L	1249.000
536	375	323	18:21:29	-26:29:28	186780	-0: 4	1:47	A0	8.50	.00	57	8	21	220	3.0C	73.333
537	383	321	18:21:32	-26:30:27	186780	-0: 1	0:48	A0	8.50	.00	123	27	35	1237	10.0C	123.700
538	314	298	18:21:40	-24:59:20							75	11	32	339?	10.0C	33.900
539	809	474	18:21:46	-36: 4:51	NO						76	17	31	528	10.0C	52.800
540	973	545	18:21:55	-39:46:33	210114?	0:18	2:26	A5	8.96	8.98	50	14	21	347 H	3.0C	115.667
541	973	545	18:21:55	-39:46:33	210115?	0: 7	-5:15	B8	8.68	8.28	58	14	21	347	3.0C	115.667
542	578	394	18:21:60	-30:57:33	210120	-0: 3	-0: 8	A0	8.47	8.07	116	27	30	1188	10.0C	118.800
543	981	542	18:22: 0	-39:45:43	210115	0:13	-4:25	B8	8.68	8.20	134	73	35	3585 H	10.0C	358.500
544	570	397	18:22: 1	-30:56:58	210120	-0: 1	0:27	A0	8.47	8.07	54	7	21	181	3.0C	60.333
545	841	489	18:22: 5	-36:45:60	210121	0: 1	-0:17	B8	9.32	9.02	98	31	32	1167	10.0C	116.700
546	860	497	18:22: 9	-37:10: 3	210122	0: 2	0:38	B9	8.01	7.70	83	20	34	671 L	10.0C	67.100
547	292	295	18:22:11	-24:32:35	186787?	0:10	-6: 1	B9	8.60	.00	75	8	31	2732L	10.0C	27.300
548	294	296	18:22:12	-24:35:21	186787?	0:11	-8:47	B9	8.60	.00	66	11	37	2497L	10.0C	24.900
549	676	429	18:22:12	-33: 9:34	210123	0: 0	-0:35	A0	9.31	8.99	65	7	34	179 L	10.0C	17.900
550	288	294	18:22:13	-24:27:28	186787	0:12	-0:53	B9	8.60	.00	72	9	31	2831L	10.0C	28.300
551	288	294	18:22:13	-24:27:28	186797?	-0:21	-0:49	A0	9.60	.00	72	9	31	283?	10.0C	28.300
552	353	321	18:22:23	-25:54:33	NO						64	7	32	178	10.0C	17.800
553	709	455	18:22:31	-33:57:38	210135	-0: 6	0:51	B8	6.38	.00	265	45	83	3067	1.0L	3067.000
554	703	449	18:22:31	-33:57:17	210135	-0: 5	1:12	B8	6.38	.00	280	63	23	5040	3.0C	1680.000
555	605	415	18:22:32	-31:46:12	210138	-0: 8	0:51	B8	7.15	.00	122	23	20	1079	3.0C	359.667
556	711	446	18:22:32	-33:57:48	210135	-0: 4	0:41	B8	6.38	.00	394	166	39	16128	10.0C	1612.800
557	611	422	18:22:36	-31:46:60	210138	-0: 4	0: 3	B8	7.15	.00	133	15	81	524	1.0L	524.000
558	613	413	18:22:42	-31:47:36	210138	0: 2	-0:34	B8	7.15	.00	264	57	29	4559	10.0C	455.900
559	291	302	18:22:44	-24:33:53							66	10	32	274?	10.0C	27.400
560	415	348	18:22:47	-27:20:27	186803	-0: 4	1:17	B9	8.50	.00	98	16	36	633 L	10.0C	63.300
561	407	351	18:22:50	-27:19:53	186803	-0: 1	1:51	B9	8.50	.00	44	4	19	92 L	3.0C	30.667
562	296	305	18:22:50	-24:41: 1							111	11	32	515?	10.0C	51.500
563	233	293	18:23:11	-23:22:47	186815	-0:19	-0:12	B8	9.10	.00	111	8	78	195	1.0L	195.000
564	235	287	18:23:24	-23:23: 5	186815	-0: 5	-0:31	B8	9.10	.00	124	40	32	2077 H	10.0C	207.700
565	235	287	18:23:24	-23:23: 5	186822?	-0:15	4:53	B9	8.40	.00	124	40	32	2077	10.0C	207.700
566	400	350	18:23:26	-27: 3:29	NO						55	4	34	80	10.0C	8.000
567	239	290	18:23:32	-23:29: 1	186822	-0: 7	-1: 2	B9	8.40	.00	146	43	31	2491 H	10.0C	249.100
568	231	293	18:23:35	-23:29:43	186822	-0: 4	-1:45	B9	8.40	.00	66	30	20	899 H	3.0C	299.667
569	861	515	18:23:43	-37:20:43	210165	-0: 2	-1: 4	A0	10.20	9.78	77	19	33	591 H	10.0C	59.100
570	355	338	18:23:47	-26: 5: 9							79	9	32	284?	10.0C	28.400
571	376	347	18:23:55	-26:33:46	186826	0: 1	3:28	A2	9.20	.00	68	4	33	111 L	10.0C	11.100
572	508	392	18:23:56	-29:31:25	186825	0: 2	0:56	A0	8.50	.00	73	12	30	375 L	10.0C	37.500
573	799	504	18:23:57	-36: 3:45	210170	-0: 4	-0:55	B9	6.83	.00	121	13	82	374 L	1.0L	374.000
574	793	497	18:23:58	-36: 3:27	210170	-0: 3	-0:37	B9	6.83	.00	114	25	22	1156	3.0C	385.333
575	833	513	18:23:58	-36:56:22	210171	-0: 5	-1:19	A0	8.44	8.10	52	6	20	209	3.0C	69.667
576	801	494	18:23:60	-36: 3:53	210170	-0: 2	-1: 3	B9	6.83	.00	282	55	37	4858	10.0C	485.800
577	841	510	18:24: 3	-36:54:26	210171	0: 1	0:37	A0	8.44	8.10	118	34	34	1512	10.0C	151.200
578	915	539	18:24: 3	-38:31:49	210169	0: 7	-2:53	B9	8.88	8.62	88	23	34	806	10.0C	80.600
579	797	500	18:24:37	-36: 1:16	210191	-0: 9	-1: 2	B9	7.73	.00	177	46	34	3044	10.0C	304.400
580	788	503	18:24:38	-35:59:40	210191	-0: 8	0:35	B9	7.73	.00	74	16	20	587	3.0C	195.667
581	782	495	18:24:44	-35:41:55							68	13	34	333?	10.0C	33.300
582	900	547	18:24:46	-38:25:24	210188	0: 6	-2: 5	B9	7.90	7.44	71	27	21	902 H	3.0C	300.667
583	629	448	18:24:47	-32:29:51	210194	-0: 8	0:17	A0	7.70	7.29	76	14	20	498	3.0C	166.000
584	669	462	18:24:47	-33:23:15	210193	-0: 8	-0:23	B9	8.60	8.32	51	4	20	110	3.0C	36.667
585	908	544	18:24:48	-38:25:44	210188	0: 9	-2:25	B9	7.90	7.44	201	89	34	5503 H	10.0C	550.300
586	635	455	18:24:52	-32:30:38	210194	-0: 3	-0:30	A0	7.70	7.29	110	5	81	117 L	1.0L	117.000
587	677	459	18:24:52	-33:24:10	210193	-0: 2	-1:18	B9	8.60	8.32	104	23	31	958	10.0C	95.800
588	637	446	18:24:54	-32:29:35	210194	-0: 1	0:33	A0	7.70	7.29	175	40	29	2474	10.0C	247.400
589	356	353	18:24:58	-26:12: 6	186846	-0: 3	0:42	A0	8.70	.00	73	15	31	449 L	10.0C	44.900
590	382	362	18:24:59	-26:46:40	186843/	-0: 0	0:41	A3	6.28	.00	66	10	33	262 L	10.0C	26.200
591	382	362	18:24:59	-26:46:40	186845/	-0: 3	1:22	A0	9.00	.00	66	10	33	262 L	10.0C	26.200
592	673	468	18:25:46	-33:22:44							68	6	29	1887	10.0C	18.800
593	401	378	18:25:47	-27:17: 1	186861	0: 0	0:39	B8	8.50	.00	60	6	31	158 L	10.0C	15.800
594	371	368	18:25:51	-26:36: 4	186863	0: 1	0:50	A0	6.46	.00	75	16	32	493 L	10.0C	49.300
595	920	567	18:25:52	-38:56:10	210213	0: 3	-3: 6	B8	6.65	.00	94	56	22	2001	3.0C	667.000
596	928	564	18:25:55	-38:56:28	210213	0: 5	-3:24	B8	6.65	.00	281	141	36	11221	10.0C	1122.100
597	727	489	18:25:59	-34:35:33	210218	-0: 5	-1:21	B9	8.96	8.61	92	20	32	759	10.0C	75.900
598	311	351	18:26:11	-25:17:56	186873	-0: 6	-0:32	B2	6.23	.00	386	121	35	12683 L	10.0C	1268.300
599	308	360	18:26:14	-25:17:47	186873	-0: 3	-0:22	B2	6.23	.00	261	39	78	2650	1.0L	2650.000
600	303	354	18:26:14	-25:17:29	186873	-0: 3	-0: 5	B2	6.23	.00	286	54	22	4637	3.0C	1545.667

SGR NORMAL RA 18:34 DEC -30:24

OBJECT NO.	X	Y	R.A.	DEC.	SAO NO.	Δ R.A.	Δ DEC.	SPEC. TYPE	V MAG.	P MAG.	PEAK DEN.	NO. OF POINTS	BG	DENSITY VOLUME	EXP.& FILTER	DEN.VOL/ EXP.
601	695	491	18:26:15	-33:58: 8	210226	-0: 4	-0: 4	B9	7.10	.00	141	17	83	619	1.0L	619.000
602	613	459	18:26:15	-32:14:59	NO						50	5	19	128	3.0C	42.667
603	690	485	18:26:16	-33:57:47	210226	-0: 3	0:17	B9	7.10	.00	129	27	22	1348	3.0C	449.333
604	698	482	18:26:16	-33:58:15	210226	-0: 3	-0:10	B9	7.10	.00	289	61	35	5383 H	10.0C	538.300
605	145	287	18:26:17	-21:41:16	186876	-0:11	-1: 4	A0	8.90	.00	67	21	31	572	10.0C	57.200
606	621	457	18:26:26	-32:16:18	NO						104	26	28	1143	10.0C	114.300
607	373	376	18:26:28	-26:42:54	186878	-0: 2	-0:37	B9	9.30	.00	81	15	33	492 L	10.0C	49.200
608	322	360	18:26:38	-25:34:38	186882	0: 0	0: 7	B9	8.90	.00	67	4	39	102 L	10.0C	10.200
609	675	488	18:26:40	-33:31:57	210228/	0:15	0:34	A0	8.72	8.36	133	15	82	507	1.0L	507.000
610	675	488	18:26:40	-33:31:57	210234/	-0: 5	-0:10	B9	7.64	.00	133	15	82	507	1.0L	507.000
611	669	482	18:26:41	-33:31:35	210228/	0:16	0:56	A0	8.72	8.36	116	24	20	1136?	3.0C	378.667
612	669	482	18:26:41	-33:31:35	210234/	-0: 4	0:12	B9	7.64	.00	116	24	20	1136?	3.0C	378.667
613	677	479	18:26:41	-33:32: 3	210228/	0:16	0:28	A0	8.72	8.36	252	59	34	4599 H	10.0C	459.900
614	677	479	18:26:41	-33:32: 3	210234/	-0: 4	-0:16	B9	7.64	.00	252	59	34	4599 H	10.0C	459.900
615	141	293	18:26:54	-21:38:59	186876?	0:27	1:13	A0	8.90	.00	83	20	29	688?	10.0C	68.800
616	659	476	18:26:59	-33: 9:24	210235?	0:14	-4:26	A3	7.22	.00	86	20	30	713	10.0C	71.300
617	659	476	18:26:59	-33: 9:24	210240	0: 1	-0:21	A0	8.38	8.00	86	20	30	713	10.0C	71.300
618	146	302	18:27:24	-21:49:10	186898	-0:10	-1:53	B9	8.80	.00	57	11	30	259 L	10.0C	25.900
619	775	537	18:27:52	-35:49:54	210254?	0:14	4:21	A2	8.83	8.66	127	7	80	226 H	1.0L	226.000
620	288	363	18:27:54	-24:56:44	186906	-0: 4	-1: 5	B9	8.10	.00	175	39	34	2389	10.0C	238.900
621	280	366	18:27:57	-24:56:19	186906	-0: 0	-0:40	B9	8.10	.00	82	15	21	567	3.0C	189.000
622	285	372	18:27:58	-24:55:26	186906	0: 1	0:13	B9	8.10	.00	102	6	76	140 L	1.0L	140.000
623	517	448	18:28:34	-30: 5:38	210272	-0: 4	0:44	B5	8.50	8.01	191	39	29	2508	10.0C	250.800
624	515	457	18:28:35	-30: 5:33	210272	-0: 3	0:48	B5	8.50	8.01	112	4	79	114 L	1.0L	114.000
625	509	451	18:28:36	-30: 5:10	210272	-0: 3	1:11	B5	8.50	8.01	85	15	19	572	3.0C	190.667
626	832	564	18:28:51	-37:15:25	210276	0: 1	-0:28	B9	7.90	7.51	47	4	20	95 L	3.0C	31.667
627	840	561	18:28:52	-37:15:44	210276	0: 3	-0:48	B9	7.90	7.51	104	31	34	1221	10.0C	122.100
628	473	438	18:28:56	-29: 8:34	186924	0: 2	0:22	B8	9.00	.00	60	8	27	224 L	10.0C	22.400
629	629	489	18:29: 6	-32:38:32	210281	0: 3	-0:55	B9	8.48	8.12	66	11	28	319 L	10.0C	31.900
630	959	608	18:29: 8	-39:48:22	210277	0:16	-3:56	A2	5.25	.00	74	19	37	529 L	10.0C	52.900
631	386	421	18:29:10	-27:14:53	186937	0: 2	0:37	B8	7.80	.00	113	4	81	119 L	1.0L	119.000
632	386	421	18:29:10	-27:14:53	186943?	-0:21	-1:16	A3	8.80	.00	113	4	81	119	1.0L	119.000
633	380	415	18:29:10	-27:14:32	186937	0: 3	0:59	B8	7.80	.00	88	16	20	615	3.0C	205.000
634	380	415	18:29:10	-27:14:32	186943?	-0:20	-0:55	A3	8.80	.00	88	16	20	615	3.0C	205.000
635	388	413	18:29:13	-27:15:22	186937/	0: 5	0: 9	B8	7.80	.00	190	41	33	2637	10.0C	263.700
636	388	413	18:29:13	-27:15:22	186943/	-0:17	-1:45	A3	8.80	.00	190	41	33	2637	10.0C	263.700
637	237	376	18:30: 4	-24:10:39	186959	-0: 7	-1:47	B3	6.75	.00	219	58	20	3716	3.0C	1238.667
638	900	603	18:30: 4	-38:48:11	210293/	0: 8	-2:42	A	6.60	.00	306	91	22	8962	3.0C	2987.333
639	900	603	18:30: 4	-38:48:11	210294/	0: 8	-2:19	B8	6.00	.00	306	91	22	8962	3.0C	2987.333
640	900	603	18:30: 4	-38:48:11	210295/	0: 8	-2:20	B8	5.95	.00	306	91	22	8962	3.0C	2987.333
641	900	603	18:30: 4	-38:48:11	210296/	0: 8	-2:41	B9	6.55	.00	306	91	22	8962	3.0C	2987.333
642	905	609	18:30: 5	-39:47:13	210293/	0: 9	-1:44	A	6.60	.00	203	74	76	4225	1.0L	4225.000
643	905	609	18:30: 5	-38:47:13	210294/	0: 9	-1:21	B8	6.00	.00	203	74	76	4225	1.0L	4225.000
644	905	609	18:30: 5	-38:47:13	210295/	0: 9	-1:22	B8	5.95	.00	203	74	76	4225	1.0L	4225.000
645	905	609	18:30: 5	-38:47:13	210296/	0: 9	-1:43	B9	6.55	.00	203	74	76	4225	1.0L	4225.000
646	242	382	18:30: 6	-24: 9:45	186959	-0: 5	-0:53	B3	6.75	.00	183	34	75	1655	1.0L	1655.000
647	245	374	18:30: 8	-24:10:13	186959	-0: 3	-1:21	B3	6.75	.00	352	111	34	11131 L	10.0C	1113.100
648	907	600	18:30: 9	-38:47:15	210293/	0:12	-1:47	A	6.60	.00	433	180	37	27070	10.0C	2707.000
649	907	600	18:30: 9	-38:47:15	210294/	0:12	-1:23	B8	6.00	.00	433	180	37	27070	10.0C	2707.000
650	907	600	18:30: 9	-38:47:15	210295/	0:12	-1:24	B8	5.95	.00	433	180	37	27070	10.0C	2707.000
651	907	600	18:30: 9	-38:47:15	210296/	0:12	-1:45	B9	6.55	.00	433	180	37	27070	10.0C	2707.000
652	512	464	18:30:12	-30: 6: 7	210298	0: 3	0: 1	B9	8.51	8.16	52	4	26	952L	10.0C	9.500
653	217	365	18:30:18	-23:35:32	186982	0: 2	-1:52	B8	8.70	.00	68	15	30	427 L	10.0C	42.700
654	808	570	18:30:19	-36:51: 6	210302/	0: 6	-2:50	B9	8.78	8.46	115	34	21	1572 H	3.0C	524.000
655	808	570	18:30:19	-36:51: 6	210304/	0: 2	-0:27	B9	8.04	7.60	115	34	21	1572 H	3.0C	524.000
656	813	577	18:30:20	-36:50:13	210302/	0: 6	-1:56	B9	8.78	8.46	113	15	78	423	1.0L	423.000
657	813	577	18:30:20	-36:50:13	210304/	0: 3	0:26	B9	8.04	7.60	113	15	78	423	1.0L	423.000
658	829	573	18:30:24	-37: 8:46	210305	0: 6	-1:27	B9	8.95	8.75	83	16	36	532 L	10.0C	53.200
659	816	568	18:30:26	-36:51:49	210302/	0:13	-3:32	B9	8.78	8.46	317	78	33	7183 H	10.0C	718.300
660	816	568	18:30:26	-36:51:49	210304/	0:10	-1:10	B9	8.04	7.60	317	78	33	7183 H	10.0C	718.300
661	395	431	18:30:30	-27:31:44	186968	0: 1	-0: 9	B8	8.50	.00	70	15	29	444 L	10.0C	44.400
662	635	514	18:30:38	-33: 3:20	210312	-0: 3	0: 0	B3	5.38	.00	412	149	24	15448	3.0C	5149.333
663	635	514	18:30:38	-33: 3:20	210314?	-0:10	-3:19	B9	6.88	.00	412	149	24	15448	3.0C	5149.333
664	640	520	18:30:39	-33: 2:31	210312/	-0: 2	0:49	B3	5.38	.00	388	111	81	9234	1.0L	9234.000
665	640	520	18:30:39	-33: 2:31	210314/	-0: 9	-2:30	B9	6.88	.00	388	111	81	9234	1.0L	9234.000
666	642	511	18:30:40	-33: 2:32	210312/	-0: 1	0:48	B3	5.38	.00	431	319	29	43013	10.0C	4301.300
667	642	511	18:30:40	-33: 2:32	210314/	-0: 8	-2:31	B9	6.88	.00	431	319	29	43013	10.0C	4301.300
668	303	401	18:30:42	-25:29:19	186975	0: 2	-0: 4	B9	8.30	.00	81	12	33	375 L	10.0C	37.500
669	303	401	18:30:42	-25:29:19	186986?	-0:21	-4:10	B8	9.00	.00	81	12	33	375 L	10.0C	37.500
670	546	484	18:30:58	-30:56: 3	210318	-0: 5	-0:42	B9	7.15	.00	145	32	26	1774 L	10.0C	177.400
671	538	487	18:30:59	-30:55:38	210318	-0: 4	-0:17	B9	7.15	.00	67	10	20	315 L	3.0C	105.000
672	299	404	18:31: 5	-25:25:45	186986	0: 2	-0:36	B8	9.00	.00	132	37	35	1782	10.0C	178.200
673	291	407	18:31: 6	-25:26:35	186975?	0:26	2:40	B9	8.30	.00	63	9	21	270	3.0C	90.000
674	291	407	18:31: 6	-25:26:35	186986	0: 4	-1:26	B8	9.00	.00	63	9	21	270	3.0C	90.000
675	153	353	18:31:16	-22:17:24	186994	-0: 6	-2:21	B8	9.00	.00	81	25	34	807 L	10.0C	80.700
676	701	538	18:31:20	-34:24:56	210329	-0: 4	-0:59	B9	9.21	8.90	60	5	32	121 L	10.0C	12.100
677	289	407	18:31:36	-25:16:14	186997	0: 3	-1:25	B9	9.30	.00	55	6	29	137 L	10.0C	13.700
678	460	464	18:31:37	-29: 3: 3							66	4	28	108?	10.0C	10.800
679	346	429	18:31:47	-26:32:26	187001	0: 3	-1:28	A0	9.10	.00	58	5	31	122 L	10.0C	12.200
680	928	627	18:31:58	-39:21:39	210338	0:14	-2:46	A0	8.78	8.45	84	6	35?	160 L	10.0C	16.000
681	136	363	18:32:11	-22: 9:20	187010	-0: 8	-1:26	B3	8.50	.00	82	30	20	1147	3.0C	382.333
682	143	361	18:32:14	-22: 8:46	187010	-0: 6	-0:52	B3	8.50	.00	182	72	32	4584	10.0C	458.400
683	141	370	18:32:18	-22: 8:45	187010	-0: 2	-0:51	B3	8.50	.00	100	14	70	345	1.0L	345.000
684	538	501	18:32:48	-30:53:14	210354	-0: 1	-1: 7	A0	9.27	8.84	60	10	26	263 L	10.0C	26.300
685	686	549	18:32:52	-34:11:24	210355	0: 1	-1:59	B9	9.07	8.72	77	18	31	562 L	10.0C	56.200
686	617	528	18:32:57	-32:40:12	210358	-0: 3	-1:45	B9	8.95	8.51	78	15	27	522 L	10.0C	52.200
687	46	344	18:33:17	-20:21:34	187040	-0:25	-0:11	B5	8.20	.00	53	17	18?	4027	3.0C	134.0ED
688	287	430	18:33:36	-25:22:30	187037	0: 5	-1: 9	B9	8.50	.00	74	16	31	472 L	10.0C	47.200
689	685	560	18:33:52	-34:14: 8	210370	-0: 1	-0:48	A0	9.33	9.01	54	4	30	90 L	10.0C	9.000
690	692	573	18:34:21	-34:35:39	210378	-0: 3	-0:19	B8	7.93	7.30	126	26	21	1225 H	3.0C	408.333
691	700	570	18:34:22	-34:35:58	210378	-0: 2	-0:38	B8	7.93	7.30	268	57	33	4765 H	10.0C	476.500
692	698	580	18:34:26	-34:36:24	210378	0: 2	-1: 4	B8	7.93	7.30	140	16	80	610 H	1.0L	610.000
693	404	480	18:34:34	-28: 1:28	187063	0: 3	0:16	B2	8.60	.00	143	35	28	2027 L	10.0C	202.700
694	402	489	18:34:36	-28: 1:32	187063	0: 4	0:12	B2	8.60	.00	111	6	80	148 L	1.0L	148.000
695	396	483	18:34:36	-28: 1: 8	187063	0: 5	0:36	B2	8.60	.00	67	13	19	439	3.0C	146.333
696	185	409	18:34:55	-23:15:39	187070	-0: 0	-1:26	B9	9.40	.00	249	72	33	5546 H	10.0C	554.600
697	177	412	18:34:59	-23:15:26	187070	0: 4	-1:14	B9	9.40	.00	112	32	19	1557 H	3.0C	519.000
698	182	418	18:35: 0	-23:14:31	187070	0: 5	-0:19	B9	9.40	.00	125	27	71	917 H	1.0L	917.000
699	553	531	18:35: 3	-31:22:38	210386	-0: 4	-1: 6	B8	9.15	8.71	75	16	25	564 L	10.0C	56.400
700	665	573	18:35: 7	-34: 2:59	210392	-0: 7	-0:25	B9	8.55	8.07	53	6	19	158	3.0C	52.667

SGR NORMAL RA 18:34 DEC -30:24

OBJECT NO.	X	Y	R.A.	DEC.	SAO NO.	Δ R.A.	Δ DEC.	SPEC. TYPE	V MAG.	P MAG.	PEAK DEN.	NO. OF POINTS	BG	DENSITY /VOLUME	EXP.& FILTER	DEN./VOL/ EXP.
701	673	570	18:35:13	-34: 3:41	210392	-0: 1	-1: 7	B9	8.55	8.07	109	23	31	988	10.0C	98.800
702	801	622	18:35:23	-37: 3:16	210388/	0:15	-2: 2	A5	9.59	9.74	51	6	21	155	3.0C	51.667
703	801	622	18:35:23	-37: 3:16	210394/	0: 5	-0:32	B8	9.02	8.65	51	6	21	155	3.0C	51.667
704	190	423	18:35:29	-23:34:40	187080	0: 0	-1:42	B9	5.75	.00	310	69	24	6208	3.0C	2069.333
705	195	489	18:35:30	-23:33:45	187080	0: 2	-0:48	B9	5.75	.00	243	48	73	3130	1.0L	3130.000
706	198	421	18:35:30	-23:35:15	187080	0: 2	-2:18	B9	5.75	.00	399	132	36	15916	10.0C	1591.600
707	809	620	18:35:30	-37: 3:52	210388?	0:22	-2:39	A5	9.59	9.74	109	13	34	567	10.0C	56.700
708	809	620	18:35:30	-37: 3:52	210394	0:12	-1: 8	B8	9.02	8.65	109	13	34	567 L	10.0C	56.700
709	507	529	18:35:34	-30:33:56	210403	-0: 6	-0: 6	B8	7.62	.00	66	9	19	301 L	3.0C	100.333
710	839	632	18:35:34	-37:42: 2	210397	0: 7	0: 1	B6	8.92	8.49	183	51	35	3295 H	10.0C	328.500
711	831	635	18:35:36	-37:43:24	210397	0: 9	-1:21	B8	8.92	8.49	68	21	21	632 H	3.0C	210.667
712	515	526	18:35:38	-30:34:39	210403	-0: 1	-0:49	B8	7.62	.00	144	32	27	1730 L	10.0C	173.000
713	579	547	18:35:44	-32: 1:17	NO						85	22	27	801	10.0C	80.100
714	571	550	18:35:45	-32: 0:57	NO						40	4	18	85	3.0C	28.333
715	670	583	18:35:55	-34:12:51	210408	-0: 4	-0: 9	A0	6.64	.00	80	12	20	441 L	3.0C	147.000
716	678	580	18:35:56	-34:13: 9	210408	-0: 4	-0:26	A0	6.64	.00	170	38	31	2284 L	10.0C	228.400
717	591	560	18:36: 4	-32:28:51	210409	-0: 5	-0:35	B9	9.05	8.63	45	4	19	93	3.0C	31.000
718	408	499	18:36: 9	-28:14:51	187089	0: 4	-1:16	B9	7.46	.00	68	13	28	375 L	10.0C	37.500
719	599	557	18:36:10	-32:29:33	210409	-0: 0	-1:17	B9	9.05	8.63	91	22	28	831	10.0C	83.100
720	121	405	18:36:28	-22: 1:45	187096	-0: 2	-1: 4	A0	8.20	.00	66	18	31	501 L	10.0C	50.100
721	459	520	18:36:34	-29:24:14	187100	-0: 4	-1: 6	B	9.50	.00	123	30	28	1440	10.0C	144.000
722	451	523	18:36:36	-29:23:56	187100	-0: 2	-0:48	B	9.50	.00	58	11	18	311	3.0C	103.667
723	144	427	18:37:15	-22:43:48	187112	0: 5	-1:10	B5	8.90	.00	58	13	20	373	3.0C	124.333
724	935	684	18:37:15	-39:51:35	210450	-0:29	-6:40	A2	8.84	8.79	72	24	37	649	10.0C	64.900
725	152	425	18:37:16	-22:44:19	187112	0: 6	-1:41	B5	8.90	.00	128	47	31	2362	10.0C	238.200
726	314	482	18:37:16	-26:14: 4							106	9	31	357?	10.0C	35.700
727	481	535	18:37:18	-29:56:28	NO						78	16	26	563	10.0C	56.300
728	94	409	18:37:36	-21:33: 5	187119	-0: 4	-0:33	B9	8.80	.00	76	30	30	946 L	10.0C	94.600
729	525	559	18:37:46	-31: 8:23	210457	-0: 2	-1:12	B8	8.82	8.50	51	5	19	127	3.0C	42.333
730	533	557	18:37:52	-31: 9: 3	210457	-0: 3	-1:52	B8	8.82	8.50	104	25	27	1047	10.0C	104.700
731	431	529	18:38: 7	-28:53:38	187128	-0: 1	-1:13	B8	7.90	.00	192	44	28	2781	10.0C	278.100
732	423	532	18:38: 9	-28:53:22	187128	0: 1	-0:57	B8	7.90	.00	83	16	20	611	3.0C	203.667
733	428	538	18:38:10	-28:52:35	187128	0: 2	-0: 9	B8	7.90	.00	115	7	77	208	1.0L	208.000
734	624	583	18:38:13	-33:21:10	210464	-0: 1	-0:38	B9	8.87	8.37	66	10	19	342	3.0C	114.000
735	632	590	18:38:13	-33:21:26	210464	-0: 1	-0:54	B9	8.87	8.37	152	34	30	1864	10.0C	186.400
736	359	518	18:38:38	-27:38:45	187141	-0: 1	-1: 8	B5	8.30	.00	77	16	21	554	3.0C	184.667
737	367	516	18:38:41	-27:31:23	187141	0: 2	-1:46	B5	8.30	.00	171	41	33	2548	10.0C	254.800
738	364	525	18:38:45	-27:30:20	187141	0: 5	-0:43	B5	8.30	.00	111	7	79	180 L	1.0L	180.000
739	586	593	18:38:52	-32:26: 2	210478	-0: 3	-1: 3	B8	7.76	7.11	176	20	80	994 H	1.0L	994.000
740	588	584	18:38:52	-32:25:53	210478	-0: 2	-0:54	B8	7.76	7.11	309	77	29	6965 H	10.0C	698.500
741	580	587	18:38:53	-32:25:37	210478	-0: 2	-0:38	B8	7.76	7.11	152	30	21	1776 H	3.0C	592.000
742	455	551	18:38:58	-29:39: 7	187151	-0: 3	-0: 5	B9	8.60	.00	50	5	19	124	3.0C	41.333
743	463	549	18:39: 2	-29:39:46	187151	0: 1	-0:44	B9	8.60	.00	107	25	27	1120	10.0C	112.000
744	166	455	18:39:18	-23:11:26	187154	0: 8	-0:28	A0	9.00	.00	54	4	31	91 L	10.0C	9.100
745	896	702	18:39:37	-39:21:26	210488	0:11	-1:19	B8	7.09	.00	131	58	23	3077 H	3.0C	1025.667
746	119	443	18:39:41	-22:13:19	187169	0: 3	-0: 8	B8	8.60	.00	67	22	30	618 L	10.0C	61.800
747	496	566	18:39:42	-30:27:32	NO						50	4	25	93	10.0C	9.300
748	901	709	18:39:44	-39:20:48	210488	0:18	-0:41	B8	7.09	.00	120	40	72	1266	1.0L	1266.000
749	904	700	18:39:46	-39:21:52	210488	0:20	-1:45	B8	7.09	.00	384	131	38	15499 H	10.0C	1549.900
750	372	530	18:39:49	-27:42:41	187170	0: 2	-0:48	B9	8.40	.00	104	24	33	1012 L	10.0C	101.200
751	364	533	18:39:51	-27:42:28	187170	0: 5	-0:34	B9	8.40	.00	53	6	20	160	3.0C	53.333
752	128	455	18:40:23	-22:28: 2	187185	0: 4	-0:22	B9	7.60	.00	72	21	31	825 L	10.0C	82.500
753	847	694	18:40:33	-38:22:33	210501	0:11	-0: 9	A0	5.13	.00	61	15	22	451 L	3.0C	150.333
754	856	691	18:40:33	-39:23:50	210501	0:12	-1:26	A0	5.13	.00	178	57	35	3447 L	10.0C	344.700
755	727	661	18:41: 1	-35:41:33	210509	0: 3	0: 3	B3	4.82	.00	423	201	82	20549	1.0L	20549.000
756	721	655	18:41: 3	-35:41:12	210509	0: 4	0:23	B3	4.82	.00	446	264	23	29732	3.0C	9910.667
757	728	652	18:41: 5	-35:40:11	210509	0: 7	1:25	B3	4.82	.00	452	535	40	81361	10.0C	8136.100
758	557	605	18:41:35	-31:55:40	210523/	-0: 3	0:42	A5	9.55	9.36	59	7	29	183	10.0C	18.300
759	557	605	18:41:35	-31:55:40	210526/	-0:10	-1:29	B9	9.70	9.18	59	7	29	183 L	10.0C	18.300
760	910	729	18:41:43	-39:48: 9	NO						65	30	22	893	3.0C	297.667
761	918	726	18:41:47	-39:46:60	NO						197	91	38	6023	10.0C	602.300
762	237	515	18:41:51	-25: 5: 8	187216	0: 6	-1:21	B8	5.76	.00	254	57	22	4383	3.0C	1461.000
763	242	521	18:41:52	-25: 4:18	187216	0: 7	-0:31	B8	5.76	.00	215	36	72	2207	1.0L	2207.000
764	392	560	18:41:53	-28:17:38	187225	-0: 7	-1:15	B9	8.10	.00	75	6	34	188 L	10.0C	18.800
765	245	513	18:41:54	-25: 4:26	187216	0: 9	-0:39	B8	5.76	.00	380	110	38	11998	10.0C	1199.800
766	386	561	18:42: 9	-28:10:46	187225?	0: 9	5:37	B9	8.10	.00	87	29	35	968 L	10.0C	96.800
767	407	576	18:42:26	-28:51:11	187237/	-0: 4	-1:22	A0	8.40	.00	60	10	20	298	3.0C	98.667
768	407	576	18:42:26	-28:51:11	187238/	-0: 5	-2:16	A0	8.90	.00	60	10	20	298	3.0C	98.667
769	895	725	18:42:29	-39:21: 5	NO						64	12	38	271	10.0C	27.100
770	415	574	18:42:31	-28:50:33	187237/	0: 1	-0:43	A0	8.40	.00	128	30	30	1554	10.0C	155.400
771	415	574	18:42:31	-28:50:33	187238/	-0: 0	-1:37	A0	8.90	.00	128	30	30	1554	10.0C	155.400
772	333	550	18:42:37	-27: 2:55	187239	0: 5	-0:16	B8	3.30	.00	452	509	357	78579 H	10.0C	7857.900
773	326	553	18:42:38	-27: 3:57	187239	0: 6	-1:19	B8	3.30	.00	453	277	25	32202	3.0C	10734.000
774	331	559	18:42:39	-27: 3:10	187239	0: 7	-0:31	B8	3.30	.00	410	179	82	15152	1.0L	15152.000
775	368	584	18:42:55	-27:50:12	187244	0: 7	-0:19	B9	9.00	.00	70	12	34	336 L	10.0C	33.600
776	465	602	18:43:40	-30: 2:25	210563	-0: 4	-1:33	B3	9.73	8.94	143	36	28	1924	10.0C	192.400
777	457	605	18:43:42	-30: 2:14	210563	-0: 3	-1:23	B3	9.73	8.94	64	11	19	359	3.0C	119.667
778	462	611	18:43:43	-30: 1:28	210563	-0: 2	-0:36	B3	9.73	8.94	114	7	78	196	1.0L	196.000
779	173	513	18:43:56	-23:42:53	187266	0: 8	-2:10	A0	8.90	.00	60	8	31	199 L	10.0C	19.900
780	109	492	18:43:58	-22:20: 2	187272	0: 1	0:51	B9	8.50	.00	63	20	29	525 L	10.0C	52.500
781	809	711	18:43:58	-37:37:36	210570	0: 3	-1:24	B9	6.95	.00	338	80	38	8358 H	10.0C	835.800
782	123	497	18:44: 2	-22:38:25	187270	0: 7	-0: 7	A0	8.50	.00	67	16	30	443 L	10.0C	44.300
783	806	721	18:44: 3	-37:36:58	210570	0: 8	-0:46	B9	6.95	.00	110	16	73	448	1.0L	448.000
784	800	715	18:44: 4	-37:36:42	210570	0:10	-0:30	B9	6.95	.00	116	36	21	1814	3.0C	604.667
785	585	641	18:44: 5	-32:43:30	210575	-0: 3	-1:20	B9	8.75	8.29	63	8	31	214 L	10.0C	21.400
786	378	590	18:44:26	-28:21: 3	187286	-0: 2	-0:56	B9	7.24	.00	54	9	21	222 L	3.0C	74.000
787	386	588	18:44:29	-28:21:34	187286	0: 1	-1:27	B9	7.24	.00	94	21	34	790 L	10.0C	79.000
788	327	583	18:44:49	-27: 8: 4	187290	0: 1	0:26	B8	8.50	.00	107	4	80	102 L	1.0L	102.000
789	330	575	18:44:50	-27: 9:20	187290	0: 3	-0:50	B8	8.50	.00	162	40	50	2007	10.0C	200.700
790	599	659	18:44:51	-33:16:32	NO						74	11	20	379	3.0C	126.333
791	322	578	18:44:53	-27: 8:13	187290	0: 5	-0:43	B8	8.50	.00	71	13	26	377	3.0C	125.667
792	539	643	18:44:59	-31:56:44	210588	-0: 9	-1:27	B8	7.45	6.80	148	24	21	1386	3.0C	462.000
793	547	640	18:44:59	-31:56:54	210588	-0: 9	-1:37	B8	7.45	6.80	297	70	33	6110 H	10.0C	611.000
794	544	650	18:45: 0	-31:55:58	210588	-0: 8	-0:40	B8	7.45	6.80	157	21	78	923 H	1.0L	923.000
795	895	760	18:45: 9	-39:41:53	210581	0:19	-2:20	A0	6.97	.00	72	36	22	1185	3.0C	395.000
796	904	757	18:45: 9	-39:43: 2	210581	0:19	-3:30	A0	6.97	.00	251	109	40	8498 H	10.0C	849.800
797	606	659	18:45:10	-33:16:33	NO						168	15	31	934	10.0C	93.400
798	321	577	18:45:16	-26:59:14	187308	-0:20	-4:42	A3	8.50	.00	70	9	39	227	10.0C	22.700
799	240	555	18:45:33	-25:14:20							98	10	39	377?	10.0C	37.700
800	458	633	18:46:32	-30: 5:42	210613	-0:10	-1:49	B8	8.82	8.24	95	25	30	943 L	10.0C	94.300

SGR NORMAL RA 18:34 DEC -30:24

OBJECT NO.	X	Y	R.A.	DEC.	SAO NO.	Δ R.A.	Δ DEC.	SPEC. TYPE	V MAG.	P MAG.	PEAK DEN.	NO. OF POINTS	BG	DENSITY VOLUME	EXP.& FILTER	DEN.VOL/ EXP.
801	207	556	18:46:35	-24:36:46	187317	0: 7	-0:49	A0	8.50	.00	58	5	34	111 L	10.0C	11.100
802	578	668	18:46:44	-32:45:36							62	4	30	118?	10.0C	11.800
803	642	699	18:47:23	-34:22:18	210625	-0: 6	-0:28	B9	7.23	.00	73	12	21	428	3.0C	142.667
804	650	697	18:47:29	-34:22:45	210625	0: 0	-0:55	B9	7.23	.00	186	39	33	2440 H	10.0C	244.000
805	483	670	18:49:13	-30:48:44	210663	-0:18	-1: 0	B8	6.63	.00	328	85	34	8233 H	10.0C	823.300
806	475	673	18:49:14	-30:48:39	210663	-0:15	-0:56	B8	6.63	.00	158	37	22	2197	3.0C	732.333
807	479	680	18:49:20	-30:48:15	210663	-0: 9	-0:31	B8	6.63	.00	168	21	81	951	1.0L	951.000
808	778	767	18:50:10	-37:21:16	210676	0: 9	-1: 6	A0	7.04	.00	99	27	42	910 L	10.0C	91.000
809	188	596	18:50:27	-24:30:20	187408?	0: 8	0:24	B9	8.50	.00	62	6	29	172 L	10.0C	17.200
810	195	598	18:50:28	-24:38:13	187408	0:10	0:31	B9	8.50	.00	67	10	39	218 L	10.0C	21.800
811	518	700	18:51: 4	-31:42:47	210690/	0:26	3:27	A3	9.37	9.17	99	23	33	886	10.0C	88.600
812	518	700	18:51: 4	-31:42:47	210700/	-0:11	-1: 6	B9	9.29	8.64	99	23	33	886	10.0C	88.600
813	95	575	18:51:13	-22:37: 8	187425	0: 6	0:53	B8	8.00	.00	83	41	28	1365 L	10.0C	136.500
814	495	696	18:51:13	-31:13:11	210704	-0:14	-1:39	A0	8.54	8.00	188	45	35	2802 H	10.0C	280.200
815	486	699	18:51:15	-31:11:56	210704	-0:11	-0:24	A0	8.54	8.00	78	14	20	525 H	3.0C	175.000
816	491	705	18:51:16	-31:11:10	210704	-0:10	0:22	A0	8.54	8.00	113	7	79	192	1.0L	192.000
817	192	614	18:51:26	-24:49:42	187431	0: 7	0:15	B8	7.50	.00	86	22	21	853	3.0C	284.333
818	197	620	18:51:27	-24:48:55	187431	0: 8	1: 2	B8	7.50	.00	102	10	66	283	1.0L	283.000
819	200	612	18:51:30	-24:48:46	187431	0:11	1:11	B8	7.50	.00	184	64	32	3975 H	10.0C	397.500
820	146	605	18:51:33	-23:45:48	187433	0: 7	1:15	A0	8.80	.00	93	11	65	238	1.0L	238.000
821	291	646	18:51:33	-26:56:24	187438	0: 2	0:49	B8	7.76	.00	88	6	38	216 L	3.0C	72.000
822	261	643	18:52: 3	-26:19:14	187448	-0: 7	2:25	B3	2.14	.00	510	1187	30	176262	3.0C	58754.000
823	533	716	18:52: 9	-32: 7:40	210720	-0: 9	-2:22	B9	8.87	8.43	69	12	34	335 L	10.0C	33.500
824	269	642	18:52:11	-26:19:52	187448	0: 1	1:46	B3	2.14	.00	504	2628	35?	447396	10.0C	44739.600
825	267	651	18:52:13	-26:20:22	187448	0: 3	1:17	B3	2.14	.00	472	979	100	108142	1.0L	108142.000
826	118	605	18:53: 5	-23:14:13	187468	0: 6	0: 8	B8	5.89	.00	358	172	32	15317	10.0C	1531.700
827	705	775	18:53: 7	-35:57:49	210730	0: 8	-1:33	B9	8.90	8.55	71	13	37	359 L	10.0C	35.900
828	109	608	18:53:10	-23:13:13	187468	0:11	1: 8	B8	5.89	.00	181	73	20	4552 H	3.0C	1517.333
829	114	614	18:53:11	-23:12:23	187468	0:12	1:58	B8	5.89	.00	137	41	60	1813 H	1.0L	1813.000
830	579	749	18:53:27	-33:24: 6	210749	-0:13	-0:21	B9	7.16	.00	99	20	21	887	3.0C	295.667
831	764	804	18:53:31	-37:25:54	210734	0:14	-1:22	B5	5.41	.00	434	149	25	18464	3.0C	6154.667
832	584	756	18:53:33	-33:23:39	210749	-0: 7	0: 7	B9	7.16	.00	113	7	77	206 L	1.0L	206.000
833	769	811	18:53:35	-37:26:31	210734	0:18	-1:58	B5	5.41	.00	387	122	76	12741	1.0L	12741.000
834	587	747	18:53:38	-33:24:46	210749	-0: 2	-1: 1	B9	7.16	.00	240	51	36	3969	10.0C	396.900
835	771	802	18:53:40	-37:24:57	210734?	0:23	-0:25	B5	5.41	.00	440	341	42	47831	10.0C	4783.100
836	398	703	18:54: 8	-29:16:57	NO						67	8	35	215	10.0C	21.500
837	366	707	18:54:52	-28:48:15	187511	-0:12	0:58	B9	8.68	.00	50	4	24	91 L	3.0C	30.333
838	374	705	18:54:56	-28:48:32	187511	-0: 8	0:41	B9	8.68	.00	111	29	38	1170	10.0C	117.000
839	293	684	18:55: 9	-27: 3:46	187513	-0: 2	1:52	B9	8.80	.00	76	4	52	927L	10.0C	9.200
840	615	777	18:55:10	-34:18:12	210769/	0:14	2: 3	B9	8.96	8.57	81	18	21	677	3.0C	225.667
841	615	777	18:55:10	-34:18:12	210776/	-0: 0	-1:14	B9	7.17	.00	81	18	21	677	3.0C	225.667
842	623	774	18:55:10	-34:18:10	210769?	0:14	2: 6	B9	8.96	8.57	232	54	38	3832	10.0C	383.200
843	623	774	18:55:10	-34:18:10	210776	-0: 0	-1:12	B9	7.17	.00	232	54	38	3832	10.0C	383.200
844	652	782	18:55:10	-34:55:51	210772	0: 1	-1:37	A0	8.29	8.12	74	15	38	415 L	10.0C	41.500
845	188	664	18:55:21	-24:55: 7	187517	0: 4	1:35	A0	6.60	.00	90	7	66	150 L	1.0L	150.000
846	183	658	18:55:25	-24:56:14	187517	0: 8	0:28	A0	6.60	.00	76	21	20	739	3.0C	246.333
847	191	656	18:55:28	-24:55:12	187517	0:12	1:30	A0	6.60	.00	171	63	33	3643	10.0C	364.300
848	76	622	18:55:31	-22:32:30	187519	0: 7	3:23	A2	6.04	.00	56	15	29	353 L	10.0C	35.300
849	193	668	18:55:59	-25:10: 6	187532	0: 7	2: 2	B8	8.40	.00	54	8	22	205	3.0C	68.333
850	201	666	18:56: 2	-25:10:16	187532	0:10	1:53	B8	8.40	.00	118	44	35	1983	10.0C	198.300
851	239	682	18:56:22	-25:59:30	187542	-0: 3	1:25	B8	8.60	.00	79	23	40	657?L	10.0C	65.700
852	523	769	18:56:34	-32:21:52	210798	-0:14	0:41	A0	8.57	8.11	67	11	22	334	3.0C	111.333
853	532	766	18:56:38	-32:23:22	210797?	0: 3	4:10	A5	9.08	9.05	163	38	38	2260	10.0C	226.000
854	532	766	18:56:38	-32:23:22	210798	-0:10	-0:49	A0	8.57	8.11	163	38	38	2260 H	10.0C	226.000
855	256	703	18:56:50	-26:26:22	NO						114	6	89	114	1.0L	114.000
856	258	704	18:56:53	-26:29: 7	NO						122	6	90	149	1.0L	149.000
857	154	668	18:56:58	-24:26: 7	187551	0: 8	1:60	B8	8.40	.00	44	4	22	81 L	3.0C	27.000
858	162	666	19:57: 1	-24:26:14	187551	0:10	1:53	B8	8.40	.00	98	42	32	1628	10.0C	162.800
859	315	715	18:57:14	-27:40: 7	187563	-0:11	2:50	A0	8.20	.00	85	18	36?	648 L	10.0C	64.800
860	238	708	18:57:48	-26: 7:55							104	20	69	529	1.0L	529.000
861	250	714	18:57:57	-26:24: 3							140	36	79	1288?	1.0L	1288.000
862	738	844	18:57:59	-37:10:25	210815/	0:18	-2:31	B8	6.84	.00	301	99	32	7971 H	3.0C	2657.000
863	738	844	18:57:59	-37:10:25	210816/	0:17	-2:27	B8	6.62	.00	301	99	32	7971 H	3.0C	2657.000
864	743	851	18:58: 4	-37: 9:50	210815/	0:24	-1:55	B8	6.84	.00	202	65	77	3646	1.0L	3646.000
865	743	851	18:58: 4	-37: 9:50	210816/	0:23	-1:52	B8	6.62	.00	202	65	77	3646	1.0L	3646.000
866	746	842	18:58: 8	-37: 9:23	210815/	0:27	-1:29	B8	6.84	.00	426	237	43	32643 H	10.0C	3264.300
867	746	842	18:58: 8	-37: 9:23	210816/	0:26	-1:25	B8	6.62	.00	426	237	43	32643 H	10.0C	3264.300
868	728	848	18:58:39	-36:59:38	210828/	0:22	-1:53	A0	6.88	.00	66	26	23	782	3.0C	260.667
869	728	848	18:58:39	-36:59:38	210829/	0:20	-2:46	B2	.00	.00	66	26	23	782	3.0C	260.667
870	689	831	18:58:39	-35:57:37	210833	0:13	-1: 9	A0	8.07	7.80	96	22	48	676	10.0C	67.600
871	736	848	18:58:58	-37: 0:25	NO						125	33	42	1419	10.0C	141.900
872	412	764	18:59: 7	-29:55:39	187600	-0:19	1:34	A2	2.71	.00	386	104	36?	12928	10.0C	1292.800
873	404	767	18:59: 8	-29:55:46	187600	-0:18	1:27	A2	2.71	.00	246	54	23	3996 L	3.0C	1332.000
874	409	773	18:59: 9	-29:55: 2	187600	-0:17	2:11	A2	2.71	.00	176	29	74	1490 L	1.0L	1490.000
875	622	824	18:59:13	-34:43:16	210852	-0: 1	-0:58	B9	7.21	.00	82	22	22	826	3.0C	275.333
876	630	822	18:59:19	-34:43:28	210852	0: 5	-1:10	B9	7.21	.00	244	58	41	4401	10.0C	440.100
877	119	582	18:59:28	-23:42:52	187595	0:15	3:10	A0	8.60	.00	62	17	30	452 L	10.0C	45.200
878	542	803	18:59:40	-32:49:13	210856	-0: 7	-0: 3	A0	8.10	7.76	96	20	42	718	10.0C	71.800
879	697	844	18:59:43	-36:12:30	210853?	0:21	-2:19	A0	7.22	.00	91	26	43	816 L	10.0C	81.600
880	397	771	19: 0: 3	-29:39:22	187614	-0:21	1:56	A0	8.60	.00	93	17	42	569 L	10.0C	56.900
881	393	774	19: 0:25	-29:35:29	187614?	0: 2	5:49	A0	8.60	.00	78	14	41	397?L	10.0C	39.700
882	729	872	19: 0:26	-37: 0:21							184	21	78	1177?	1.0L	1177.000
883	457	806	19: 0:54	-31: 6: 6	210883	-0:19	1:14	A0	5.53	.00	140	24	76	866 L	1.0L	866.000
884	452	800	19: 0:55	-31: 5:37	210883	-0:18	1:43	A0	5.53	.00	167	39	26	2242	3.0C	747.333
885	460	797	19: 0:60	-31: 5:48	210883	-0:13	1:32	A0	5.53	.00	356	101	42	9825	10.0C	982.500
886	726	876	19: 1:49	-36:57:28	210907	-0:18	-0:23	A2	9.71	9.96	69	5	46	105	10.0C	10.500
887	185	730	19: 1:50	-25:15:13	187644	0: 9	3:11	A0	6.87	.00	70	20	32	561 L	10.0C	56.100
888	779	895	19: 2: 7	-38: 7:24	210895?	0:31	-5:10	B9	7.21	.00	134	66	45	3074	10.0C	307.400
889	365	788	19: 2:16	-29: 6:51	187661	-0:21	2:38	B8	6.92	.00	260	63	40	5182	10.0C	518.200
890	361	797	19: 2:19	-29: 6:20	187661	-0:19	3: 9	B8	6.92	.00	109	14	72	382 L	1.0L	382.000
891	356	791	19: 2:19	-29: 5:50	187661	-0:18	3:39	B8	6.92	.00	98	25	22	1038	3.0C	346.000
892	476	826	19: 2:38	-31:45: 7	210925	-0:18	1:14	A0	8.15	7.91	49	5	22	118 L	3.0C	39.333
893	485	823	19: 2:41	-31:46:29	210925	-0:14	-0: 8	A0	8.15	7.91	123	31	41	1391	10.0C	139.100
894	115	721	19: 2:46	-23:51:26							60	5	28	1307	10.0C	13.000
895	270	775	19: 3: 2	-27:19:35	187672	-0:10	2:17	B8	7.17	.00	71	21	22	679 L	3.0C	226.333
896	278	773	19: 3: 7	-27:18:27	187672	-0: 5	3:26	B8	7.17	.00	177	58	39	3376	10.0C	337.600
897	275	782	19: 3: 8	-27:19:12	187672	-0: 4	2:41	B8	7.17	.00	94	4	70	92 L	1.0L	92.000
898	655	893	19: 5:16	-35:39:10	210968?	0:28	-2:10	A0	9.61	9.26	71	8	43	198 L	10.0C	19.800
899	459	845	19: 5:17	-31:22:32	210970/	0:15	3: 9	A0	.00	.00	122	35	42	1498	10.0C	149.800
900	459	845	19: 5:17	-31:22:32	210977/	-0: 7	1:12	B9	8.73	8.30	122	35	42	1498	10.0C	149.800

SGR NORMAL RA 18:34 DEC -30:24

OBJECT NO.	X	Y	R.A.	DEC.	SAO NO.	Δ R.A.	Δ DEC.	SPEC. TYPE	V MAG.	P MAG.	PEAK DEN.	NO. OF POINTS	BG	DENSITY VOLUME	EXP.& FILTER	DEN.VOL/ EXP.
901	450	848	19: 5:19	-31:21:32	210970?	0:17	4: 9	A0	.00	.00	47	4	22	97	3.0C	32.333
902	450	848	19: 5:19	-31:21:32	210977	-0: 5	2:12	B9	8.73	8.30	47	4	22	97 L	3.0C	32.333
903	135	763	19: 5:24	-24:39:37	187718	0:12	4:36	B9	6.24	.00	81	36	21	1292	3.0C	430.667
904	140	769	19: 5:25	-24:38:53	187718?	0:14	5:20	B9	6.24	.00	84	8	60	175 L	1.0L	175.000
905	144	761	19: 5:26	-24:39:33	187718	0:15	4:40	B9	6.24	.00	184	94	30	5989	10.0C	598.900
906	425	843	19: 5:48	-30:40:15	210987	-0: 8	2: 9	A0	7.89	.00	73	12	41	309 L	10.0C	30.900
907	154	774	19: 5:51	-25: 5:36	187728	0: 8	3:60	B9	6.76	.00	82	39	20	1424	3.0C	474.667
908	162	772	19: 5:55	-25: 4:19	187728?	0:12	5:16	B9	6.76	.00	196	97	31	6463	10.0C	646.300
909	158	781	19: 5:59	-25: 3:59	187728	0:16	5:36	B9	6.76	.00	91	16	60	422	1.0L	422.000
910	221	792	19: 6: 7	-26:20:43							79	8	33	249?	10.0C	24.900
911	475	866	19: 6:11	-31:59:14	211001	-0:18	0:54	B5	9.52	8.91	52	9	22	223	3.0C	74.333
912	483	864	19: 6:18	-31:58: 5	211001	-0:11	2: 3	B5	9.52	8.91	146	41	43	2138	10.0C	213.800
913	611	898	19: 6:45	-34:47: 1	210998?	0:23	-1:11	A0	8.21	7.89	72	9	45	214 L	10.0C	21.400
914	672	920	19: 6:46	-36:18:25	210996	0:30	-3:39	B9	6.58	.00	72	28	23	951	3.0C	317.000
915	681	917	19: 6:47	-36:18: 9	210996?	0:31	-3:24	B9	6.58	.00	268	94	46	7460	10.0C	746.000
916	365	853	19: 7:59	-29:32:27	187786	-0:18	2:41	B9	6.25	.00	388	108	42	13014	10.0C	1301.400
917	361	862	19: 8: 0	-29:32: 2	187786	-0: 9	3: 5	B9	6.25	.00	138	34	69	1369	1.0L	1369.000
918	357	856	19: 7:60	-29:32:44	187786	-0: 9	2:23	B9	6.25	.00	178	54	23	3303	3.0C	1101.000
919	195	806	19: 8: 1	-25:55:14	187776	0: 9	4:25	B9	8.50	.00	65	18	32	484 L	10.0C	48.400
920	238	822	19: 8:20	-26:51:27	NO						67	6	33	155	10.0C	15.500
921	232	834	19: 8:41	-26:49:38	NO						116	36	63	1269	1.0L	1269.000
922	662	944	19: 9:46	-36: 4:53	211039?	0:47	-3:20	B5	10.20	9.62	89	41	47	1246	10.0C	124.600
923	662	944	19: 9:46	-36: 4:53	211043?	0:30	9:43	A2	8.95	8.87	89	41	47	1246 H	10.0C	124.600
924	554	923	19: 9:48	-33:55:58	211045/	0:21	0:15	A0	7.86	.00	135	50	24	2645	3.0C	881.667
925	554	923	19: 9:48	-33:55:58	211046/	0:20	-0: 6	A0	7.30	.00	135	50	24	2645	3.0C	881.667
926	365	874	19: 9:52	-29:41: 9	187830	-0: 5	2:13	B9	6.10	.00	90	27	43	836 L	10.0C	83.600
927	563	920	19: 9:53	-33:57:10	211045/	0:26	-0:57	A0	7.86	.00	388	113	49	13173 H	10.0C	1317.300
928	563	920	19: 9:53	-33:57:10	211046/	0:25	-1:18	A0	7.30	.00	388	113	49	13173 H	10.0C	1317.300
929	559	930	19: 9:54	-33:55:28	211045/	0:28	0:45	A0	7.86	.00	123	33	73	1102	1.0L	1102.000
930	559	930	19: 9:54	-33:55:28	211046/	0:26	0:24	A0	7.30	.00	123	33	73	1102	1.0L	1102.000
931	320	881	19:11:28	-28:50:58	187864	0: 0	1: 0	B8	9.20	.00	75	15	40	396 L	10.0C	39.600
932	427	910	19:11:48	-31: 9:30	211085	0:12	0:47	A0	8.94	8.47	66	4	42	92 L	10.0C	9.200
933	592	963	19:12:38	-34:56:37	NO						53	13	25	311	3.0C	103.667
934	601	960	19:12:38	-34:57:30	NO						163	76	49?	4119	10.0C	411.900
935	532	953	19:12:52	-33:39:15	211100/	0:21	-2: 7	A0	7.38	.00	89	43	23	1675	3.0C	558.333
936	532	953	19:12:52	-33:39:15	211101/	0:18	0:53	B8	9.03	8.38	89	43	23	1675	3.0C	558.333
937	536	960	19:12:57	-33:38:45	211100/	0:27	-1:38	A0	7.38	.00	105	20	78	489	1.0L	489.000
938	536	960	19:12:57	-33:38:45	211101/	0:24	1:22	B8	9.03	8.38	105	20	78	489	1.0L	489.000
939	541	950	19:12:57	-33:40:23	211100/	0:26	-3:16	A0	7.38	.00	338	116	49	11211 H	10.0C	1121.100
940	541	950	19:12:57	-33:40:23	211101/	0:23	-0:16	B8	9.03	8.38	338	116	49	11211 H	10.0C	1121.100
941	580	967	19:13:47	-34:33:53	211110?	0:46	-1:49	A0	8.98	8.58	78	17	49?	420 L	10.0C	42.000
942	505	976	19:15:25	-33:15:48	211148	0:19	-1:10	B8	7.52	.00	90	43	27	1560	3.0C	520.000
943	509	983	19:15:30	-33:15:20	211148	0:24	-0:42	B8	7.52	.00	100	227	70	742	1.0L	742.000
944	514	973	19:15:31	-33:15:41	211148?	0:25	-1: 3	B8	7.52	.00	306	117	49	10020 H	10.0C	1002.000

SGR OVEREXP RA 18:34 DEC -30:24

OBJECT NO.	X	Y	R.A.	DEC.	SAO NO.	Δ R.A.	Δ DEC.	SPEC. TYPE	V MAG.	P MAG.	PEAK DEN.	NO. OF POINTS	BG	DENSITY VOLUME	EXP.& FILTER	DEN.VOL/ EXP.
1	748	92	17:49:34	-31:37:54	209398	0: 4	-0:25	B8	8.62	8.33	475	34	446	885 L	3.0L	295.000
2	686	70	17:50:13	-30:17: 9							476	1401	365	111787?	3.0L	37262.333
3	696	78	17:50:26	-30:32: 4							481	92	447	2301?	3.0L	767.000
4	617	42	17:50:32	-28:43:46							493	96?	4307	4443?	3.0L	1481.000
5	737	104	17:50:56	-31:32: 3							463	283	340	27821?	3.0L	9273.667
6	838	159	17:51:25	-33:53:27	209447/	0:10	2:34	A0	8.80	8.56	420	4	397	877L	3.0L	29.000
7	838	159	17:51:25	-33:53:27	209449/	0: 5	3:25	B9	7.88	7.47	420	4	397	877L	3.0L	29.000
8	838	159	17:51:25	-33:53:27	209450/	0: 2	0:22	A0	7.71	7.35	420	4	397	877L	3.0L	29.000
9	652	73	17:51:38	-29:40:25							468	314	365	23693?	3.0L	7897.667
10	814	128	17:51:41	-33: 9: 7	209456	0: 4	2: 9	B3	9.06	9.00	143	29	107	799 L	30.0C	26.633
11	606	55	17:51:54	-28:39:22							492	195	456	3894?	3.0L	1298.000
12	600	31	17:52: 5	-28:19:19	185937	-0: 5	1: 9	B9	9.10	.00	148	14	115	3922L	30.0C	13.067
13	747	124	17:52: 9	-31:55:17							450	27	419?	683	3.0L	227.667
14	591	53	17:52:17	-28:21:13	185937	0: 7	-0:44	B9	9.10	.00	463	6	434	1607L	3.0L	53.333
15	689	100	17:52:26	-30:37:58	209475	0: 6	2:35	B9	8.86	8.65	472	33	439	790 L	3.0L	263.333
16	689	100	17:52:26	-30:37:58	209480?	-0: 6	-4: 6	A0	7.54	7.21	472	33	439	790 L	3.0L	263.333
17	695	81	17:52:30	-30:33:28	209474/	0:10	-0:46	B3	8.60	8.70	245	257	122	13682	30.0C	456.067
18	695	81	17:52:30	-30:33:28	209480/	-0: 1	0:23	A0	7.54	7.21	245	257	122	13682	30.0C	456.067
19	768	140	17:52:38	-32:27:55	209489	-0:22	0:11	O	6.62	.00	434	4	408	97 L	3.0L	32.333
20	846	178	17:52:41	-34:12:47	209482	0: 5	3:60	B9	8.06	7.71	410	13	384	290?	3.0L	96.667
21	857	185	17:52:48	-34:28:19	209493	-0:15	1:10	A0	8.66	8.44	402	10	374	2337L	3.0L	77.667
22	776	126	17:52:59	-32:27:36	209489	-0: 0	0:31	O	6.62	.00	156	78	103	27837L	30.0C	92.767
23	765	145	17:53: 6	-32:26:30	209489	0: 7	1:37	O	6.62	.00	439	7	410	173 L	3.0L	57.667
24	572	56	17:53:13	-28: 2: 2	185975?	-0:19	1:31	A3	5.76	.00	466	5	443	1137	3.0L	37.667
25	784	132	17:53:13	-32:39:43	209503	-0:20	1:15	B9	6.60	.00	204	111	111	5373 L	30.0C	179.100
26	816	148	17:53:14	-33:23:13	209508?	-0:30	0:56	A0	8.12	7.84	126	27	101	613 L	30.0C	20.433
27	616	78	17:53:21	-29: 3:55	185963/	0: 7	-2:59	A2	9.10	.00	458	4	435	89?	3.0L	29.667
28	616	78	17:53:21	-29: 3:55	185970/	-0: 5	-1:18	A3	8.90	.00	458	4	435	89?	3.0L	29.667
29	539	24	17:53:31	-27: 6:15	185976	-0:18	1:34	B9	8.40	.00	215	93	118	5363	30.0C	178.767
30	529	44	17:53:34	-27: 7: 5	185976	-0:15	0:43	B9	8.40	.00	465	42	431	1186 L	3.0L	395.333
31	661	79	17:53:34	-29:54:40	185962/	0:24	-3: 8	A2	8.40	.00	161	27	118	885	30.0C	29.500
32	661	79	17:53:34	-29:54:40	185974/	0: 4	0:18	B9	8.50	.00	161	27	118	885	30.0C	29.500
33	677	86	17:53:35	-30:16:27	209507	-0: 5	0:23	B8	8.50	8.47	207	87	125	4053	30.0C	135.100
34	667	107	17:53:45	-30:16:51	209507	0: 5	-0: 1	B8	8.50	8.47	443	13	411	365?	3.0L	121.667
35	730	113	17:53:47	-31:29:31	209502/	0:19	1:25	B9	8.72	8.41	236	183	113	9951	30.0C	331.700
36	730	113	17:53:47	-31:29:31	209514/	-0:10	0:27	A0	9.44	9.40	236	183	113	9951	30.0C	331.700
37	730	113	17:53:47	-31:29:31	209518/	-0:25	0:46	B5	9.34	9.17	236	183	113	9951	30.0C	331.700
38	753	125	17:53:50	-32: 2:27	209520	-0:24	0:13	B5	8.27	7.82	339	208	102	20302 H	30.0C	676.733
39	634	94	17:53:56	-29:33: 4	185985	-0:17	1: 5	B3	9.20	.00	452	7	428	158 L	3.0L	52.667
40	595	76	17:53:57	-28:38:49							467	190	424	56137	3.0L	1871.000
41	706	107	17:54: 7	-31: 0:12	209521	-0:11	0:24	O	8.24	8.17	209	107	117	5196 L	30.0C	173.200
42	741	146	17:54:10	-32: 1:10	209520	-0: 4	1:30	B5	8.27	7.82	457	38	406	1471 L	3.0L	490.333
43	835	169	17:54:11	-33:55:32	209527	-0:29	1:11	A0	8.30	7.93	132	37	99	999	30.0C	33.300
44	619	70	17:54:21	-29: 2: 4	186005?	-0:31	2: 2	B8	9.00	.00	174	9	127	2927L	30.0C	9.733
45	791	150	17:54:21	-32:56:50	NO						155	74	99	2762	30.0C	92.067
46	516	48	17:54:23	-26:54: 5	185998?	-0:19	-4: 1	A5	9.00	.00	444	12	420	216?	3.0L	72.000
47	633	99	17:54:25	-29:34:22	185985/	0:11	-0:13	B3	9.20	.00	453	5	428	114 L	3.0L	38.000
48	633	99	17:54:25	-29:34:22	185994/	-0:10	-0:17	B8	8.70	.00	453	5	428	114 L	3.0L	38.000
49	773	165	17:54:25	-32:47:25							426	9	395?	217?	3.0L	72.333
50	694	128	17:54:27	-30:58:51	209521	0: 9	1:46	O	8.24	8.17	445	8	417	2007L	3.0L	66.667
51	641	81	17:54:27	-29:33:50	185985/	0:14	0:18	B3	9.20	.00	181	50	127	1704 L	30.0C	56.800
52	641	81	17:54:27	-29:33:50	185994/	-0: 8	0:14	B8	8.70	.00	181	50	127	1704 L	30.0C	56.800
53	776	145	17:54:32	-32:38:50							143	8	103	265?	30.0C	8.833
54	856	183	17:54:33	-34:25:57							122	12	99	241?	30.0C	8.033
55	644	107	17:54:34	-29:51:35	186002	-0:10	-4:18	B3	9.30	.00	451	47	408	16167L	3.0L	538.667
56	662	93	17:54:38	-30: 3:20	209529	-0:10	0:19	B8	7.65	7.20	275	151	118	10935 H	30.0C	364.500
57	650	112	17:54:47	-30: 0:55	209529	-0: 1	2:44	B8	7.65	7.20	470	137	414?	5145	3.0L	1715.000
58	617	75	17:54:50	-29: 3:21	186005	-0: 3	0:45	B8	9.00	.00	204	39	124?	2226	30.0C	74.200
59	567	78	17:55: 2	-28: 8:16	186010/	0: 3	1:12	B9	9.00	.00	463	45	425	1393	3.0L	464.333
60	567	78	17:55: 2	-28: 8:16	186011/	0: 2	-0: 0	B5	8.80	.00	463	45	425	1393 L	3.0L	464.333
61	577	59	17:55: 2	-28: 8:59	186010/	0: 3	0:29	B9	9.00	.00	269	41	140?	3654	30.0C	121.800
62	577	59	17:55: 2	-28: 8:59	186011/	0: 2	-0:43	B5	8.80	.00	269	41	140?	3654 L	30.0C	121.800
63	512	56	17:55: 7	-26:52:51	185998?	0:25	-2:46	A5	9.00	.00	461	18	428	499?	3.0L	166.333
64	547	50	17:55:15	-27:30:51	186007?	0:21	-2:27	A0	9.30	.00	258	17	146?	1637	30.0C	54.567
65	547	50	17:55:15	-27:30:51	186023	-0:14	0:11	B8	8.50	.00	258	17	146?	1637 L	30.0C	54.567
66	697	117	17:55:18	-30:55:56	NO						150	40	117	884	30.0C	29.467
67	613	103	17:55:23	-29:13:58	186016	0:10	1:36	A0	9.00	.00	448	51	399	1883?	3.0L	627.667
68	602	75	17:55:23	-28:46: 6	186025	-0: 6	-0:46	B5	5.95	.00	412	432	127?	57155 L	30.0C	1905.167
69	614	83	17:55:30	-29: 4:26	186005?	0:38	-0:20	B8	9.00	.00	155	5	122	1467L	30.0C	4.867
70	622	87	17:55:33	-29:15:35	186016	0:20	-0: 1	A0	9.00	.00	143	10	117	229 L	30.0C	7.633
71	913	244	17:55:35	-36: 1:49	209555	-0:19	-1:33	A0	8.60	8.26	397	31	343	1132	3.0L	377.333
72	913	244	17:55:35	-36: 1:49	209557?	-0:19	3:45	A0	9.36	9.18	397	31	343	1132	3.0L	377.333
73	641	118	17:55:37	-29:54:39							444	1567	357	94882?	3.0L	31627.333
74	463	43	17:55:41	-25:47: 9	186033	-0: 8	1: 5	A2	8.50	.00	456	53	403	2288 H	3.0L	762.667
75	463	43	17:55:41	-25:47: 9	186047?	-0:29	1:49	B9	8.20	.00	456	53	403	2288	3.0L	762.667
76	486	54	17:55:48	-26:21:32	186050?	-0:28	2:31	B8	9.00	.00	451	26	426	493	3.0L	164.333
77	589	98	17:55:48	-28:45: 4	186025	0:19	0:16	B5	5.95	.00	479	1085	357	48000 H	3.0L	16000.000
78	468	25	17:55:54	-25:43:52	186033/	0: 5	4:23	A2	8.50	.00	256	95	118	6699	30.0C	223.300
79	468	25	17:55:54	-25:43:52	186047/	-0:16	5: 7	B9	8.20	.00	256	95	118	6699	30.0C	223.300
80	910	247	17:55:59	-35:59:55	209555?	0: 5	0:21	A0	8.60	8.26	371	9	336	253 L	3.0L	84.333
81	910	247	17:55:59	-35:59:55	209560	-0: 7	1:11	O	7.26	.00	371	9	336	253 L	3.0L	84.333
82	681	119	17:56: 2	-30:39:40	209561	-0: 7	-1: 9	B9	8.47	8.10	166	75	113	2451	30.0C	81.700
83	668	137	17:56: 9	-30:35:40	209561	-0: 0	2:51	B9	8.47	8.10	432	10	404	2477L	3.0L	82.333
84	816	206	17:56:10	-33:56:38	209568?	-0:27	-3:19	B2	8.31	8.26	395	4	371	82 L	3.0L	27.333
85	892	241	17:56:11	-35:38: 6	209574?	-0:38	0:44	B5	9.10	8.64	390	21	342	712	3.0L	237.333
86	460	49	17:56:16	-25:47:41	186047	0: 6	1:18	B9	8.20	.00	429	7	407	1497L	3.0L	49.667
87	663	114	17:56:16	-30:16:31	209546?	0:43	2:43	B9	8.94	8.93	147	24	122	511 L	30.0C	17.033
88	811	183	17:56:18	-33:37:22	209563	-0: 4	1:39	B9	9.29	8.99	148	81	96	2837	30.0C	94.567
89	822	188	17:56:20	-33:52:25	209568	-0:17	0:54	B2	8.31	8.26	144	48	109	1097 L	30.0C	36.567
90	628	99	17:56:21	-29:29:26	186048	0:10	-0:35	B9	8.90	.00	147	31	113	823 L	30.0C	27.433
91	792	197	17:56:22	-33:25:11	209569	-0:16	-0:49	B3	7.20	.00	447	818	374	1114 L	3.0L	371.333
92	800	179	17:56:25	-33:24:26	209569	-0:14	-0: 4	B3	7.20	.00	381	252	95	30601	30.0C	1020.033
93	476	60	17:56:35	-26:12:24							435	46	377	1959?	3.0L	653.000
94	789	200	17:56:43	-33:24:23	209569	0: 5	-0: 0	B3	7.20	.00	422	1086	356?	12440?	3.0L	4146.667
95	540	70	17:56:48	-27:42:13	186066	-0: 7	1:54	B9	9.30	.00	151	5	119	1327L	30.0C	4.400
96	500	108	17:56:49	-28:38:33	186076?	-0:21	-1:23	B0	8.90	.00	443	42	415	7587L	3.0L	252.667
97	639	114	17:57: 7	-29:50: 1	186068/	0:10	-0: 2	B3	8.50	.00	375	234	118	25493	30.0C	849.767
98	639	114	17:57: 7	-29:50: 1	186079/	-0: 8	-0:39	B2	8.00	.00	375	234	118	25493	30.0C	849.767
99	629	132	17:57:10	-29:48:17	186068/	0:12	1:43	B3	8.50	.00	464	602	396?	12887	3.0L	4296.333
100	629	132	17:57:10	-29:48:17	186079/	-0: 6	1: 6	B2	8.00	.00	464	602	396?	12887	3.0L	4296.333

SGR OVEREXP RA 18:34 DEC -30:24

OBJECT NO.	X	Y	R.A.	DEC.	SAO NO.	Δ R.A.	Δ DEC.	SPEC. TYPE	V MAG.	P MAG.	PEAK DEN.	NO. OF POINTS	BG	DENSITY VOLUME	EXP.& FILTER	DEN.VOL/ EXP.
101	588	98	17:57:36	-28:43:31	186085	0: 3	-0:54	A0	8.90	.00	249	175	114	10569 H	30.0C	352.300
102	543	80	17:57:43	-27:41:52	186082	0:20	1:25	B8	9.00	.00	189	30	108	1543?	30.0C	51.433
103	696	170	17:57:47	-31:25:20							422	39	384	12047	3.0L	401.333
104	918	272	17:57:53	-36:22: 4	209597	-0: 6	1:14	B9	8.90	8.46	422	119	327	6435 H	3.0L	2145.000
105	918	272	17:57:53	-36:22: 4	209608?	-0:32	0:36	B9	6.32	.00	422	119	327	6435	3.0L	2145.000
106	557	88	17:57:54	-28: 1:49	186120?	-0:40	-4:26	B9	9.30	.00	149	5	121	1107L	30.0C	3.667
107	532	79	17:57:56	-27:28:14							149	6	109	1877	30.0C	6.233
108	864	228	17:58: 5	-34:59:48	209605	-0: 9	0:44	A0	8.50	8.30	132	44	97	1224	30.0C	40.800
109	761	181	17:58: 8	-32:42:18	209599/	0: 5	1:49	A0	8.90	8.69	140	73	94	2292	30.0C	76.400
110	761	181	17:58: 8	-32:42:18	209609/	-0:18	0:37	G	8.76	8.77	140	73	94	2292 L	30.0C	76.400
111	587	127	17:58: 9	-28:58: 3	186102	0: 3	1:35	A0	9.10	.00	422	6	396	1387L	3.0L	46.000
112	885	261	17:58:12	-35:40:41	209614	-0:31	-0:29	B8	7.62	7.33	388	30	335	1124 L	3.0L	374.667
113	599	118	17:58:14	-29: 1:57	186102	0: 9	-2:19	A0	9.10	.00	179	33	109	1002	30.0C	33.400
114	925	258	17:58:15	-36:21:29	209597/	0:17	1:48	B9	8.90	8.46	382	201	95	22522	30.0C	750.733
115	925	258	17:58:15	-36:21:29	209608/	-0:10	1:10	B9	6.32	.00	382	201	95	22522	30.0C	750.733
116	613	140	17:58:20	-29:34:19	186109	0: 5	0:56	A0	7.50	.00	431	16	403	357 L	3.0L	119.000
117	522	103	17:58:22	-27:29:53	NO						440	51	395	1744	3.0L	581.333
118	622	123	17:58:25	-29:35:24	186109	0:10	-0: 9	A0	7.50	.00	198	89	114	3971	30.0C	132.367
119	543	112	17:58:26	-28: 0: 2	186120	-0: 7	-2:39	B9	9.30	.00	441	19	409?	510	3.0L	170.000
120	892	246	17:58:29	-35:39:39	209614	-0:15	0:33	B8	7.62	7.33	254	486	93	34609 H	30.0C	1153.633
121	550	94	17:58:32	-27:57:16	186120	-0: 1	0: 7	B9	9.30	.00	162	46	116	1516	30.0C	50.533
122	881	263	17:58:33	-35:37: 6	209614	-0:11	3: 6	B8	7.62	7.33	367	7	335	1889L	3.0L	83.000
123	881	263	17:58:33	-35:37: 6	209628?	-0:18	-4:36	A2	9.46	9.23	367	7	335	1889	3.0L	83.000
124	730	172	17:58:33	-32: 3:52	209617	-0:14	-0:24	B8	8.81	8.38	149	133	96	4617	30.0C	153.900
125	481	89	17:58:37	-26:33:10	186136	-0:20	-4:10	A0	9.00	.00	419	25	389	5997L	3.0L	199.667
126	521	107	17:58:43	-27:31:47	NO						456	309	392	7772	3.0L	2590.667
127	824	217	17:58:45	-34:10:46	209626	-0:19	0:40	B8	8.93	8.60	146	65	104	1733	30.0C	57.767
128	719	192	17:58:46	-32: 3:13	209617	-0: 1	0:15	B8	8.81	8.38	420	22	383	598 L	3.0L	199.333
129	529	89	17:58:52	-27:30:39	NO						371	308	115	27356	30.0C	911.867
130	880	267	17:58:55	-35:39: 4	209614	0:12	1: 8	B8	7.62	7.33	356	15	334?	3377L	3.0L	112.333
131	880	267	17:58:55	-35:39: 4	209623?	-0: 1	-4:43	A	9.97	9.50	356	15	334?	3377L	3.0L	112.333
132	537	93	17:58:55	-27:41:46	NO						183	10	114	351	30.0C	11.700
133	469	88	17:58:58	-26:18:51	NO						427	26	386	903	3.0L	301.000
134	605	123	17:59: 2	-29:15:45	186128	0:23	-0:20	A0	9.00	.00	173	46	106	1871	30.0C	62.367
135	473	70	17:59: 8	-26:13:51	186147	-0:17	-7: 0	A0	9.00	.00	174	10	122	417 L	30.0C	13.900
136	800	233	17:59:11	-33:53:51	209631	-0:13	-0:26	B5	7.55	6.98	450	143	357	7425	3.0L	2475.000
137	679	158	17:59:17	-30:58:44	209635	-0:16	-0:28	B9	8.63	8.32	131	15	102	3727L	30.0C	12.400
138	809	217	17:59:19	-33:53:33	209631	-0: 5	-0: 8	B5	7.55	6.98	380	259	92	30496	30.0C	1016.533
139	876	271	17:59:27	-35:36:28	209623?	0:31	-2: 6	A	9.97	9.60	371	19	331	569 H	3.0L	189.667
140	876	271	17:59:27	-35:36:28	209634?	-0: 4	-4:36	B9	9.06	8.84	371	19	331	569	3.0L	189.667
141	876	271	17:59:27	-35:36:28	209639	-0:25	0:27	B9	8.30	8.02	371	19	331	569	3.0L	189.667
142	753	216	17:59:28	-32:53: 7							400	596	340?	9339?	3.0L	3113.000
143	656	173	17:59:30	-30:41:44	209636	-0:14	1:55	A0	9.61	9.33	417	21	381	557?	3.0L	185.667
144	607	131	17:59:32	-29:22:34	186156	-0: 4	-0:29	B8	7.86	.00	356	272	104	27293 H	30.0C	909.767
145	598	150	17:59:38	-29:22:26	186156	0: 2	-0:21	B8	7.86	.00	459	129	399?	4348	3.0L	1449.333
146	799	239	17:59:39	-33:56:18	209631	0:15	-2:52	B5	7.55	6.98	390	5	357	1397L	3.0L	46.333
147	472	76	17:59:41	-26:15:29	186147?	0:16	-8:38	A0	9.00	.00	249	73	130?	4080 H	30.0C	136.000
148	472	76	17:59:41	-26:15:29	186180?	-0:36	3:49	A0	7.50	.00	249	73	130?	4080	30.0C	136.000
149	632	146	17:59:57	-29:58:38	NO						135	38	102	1007	30.0C	33.567
150	463	99	17:59:59	-26:17:44	186180	-0:18	1:33	A0	7.50	.00	431	18	395	4847L	3.0L	181.333
151	504	116	18: 0: 0	-27:15:53	186168	0: 1	3:54	A2	9.00	.00	401	7	350	320?	3.0L	106.667
152	543	133	18: 0: 8	-28:10:40							430	143	393	1632?	3.0L	544.000
153	611	140	18: 0:11	-29:31:28	186166/	0:14	0:24	B5	8.90	.00	206	66	99	3694 L	30.0C	123.133
154	611	140	18: 0:11	-29:31:28	186170/	0: 9	-3:29	A0	9.10	.00	206	66	99	3694	30.0C	123.133
155	494	92	18: 0:12	-26:50:40	186189	-0:21	1:36	B5	7.90	.00	207	105	105	5670	30.0C	189.000
156	528	129	18: 0:14	-27:50:56	186171	0:12	0:59	A0	9.00	.00	436	89	308	23647H	3.0L	788.000
157	502	118	18: 0:15	-27:14:30	186168?	0:16	5:17	A2	9.00	.00	404	35	357	1315 H	3.0L	438.333
158	502	118	18: 0:15	-27:14:30	186200?	-0:28	3:54	B3	9.00	.00	404	35	357	1315 L	3.0L	438.333
159	539	111	18: 0:17	-27:53:14	186171	0:14	-1:19	A0	9.00	.00	180	52	133	1367	30.0C	45.567
160	858	251	18: 0:17	-35: 6: 1	209640?	0:25	-7:55	A2	9.18	8.23	134	69	90	2218	30.0C	73.933
161	858	251	18: 0:17	-35: 6: 1	209663?	-0:41	0:33	A0	8.15	8.00	134	69	90	2218	30.0C	73.933
162	524	130	18: 0:20	-27:46:46	186201	-0:16	-2:48	A0	9.20	.00	442	72	361	3424 H	3.0L	1141.333
163	565	147	18: 0:32	-28:43:56	186182	-0: 5	0:18	A0	8.20	.00	419	34	385	731 L	3.0L	243.667
164	419	82	18: 0:33	-25:20:13	186193	-0: 6	-1:19	B1	8.90	.00	421	40	376	1295?L	3.0L	431.667
165	436	66	18: 0:33	-25:30:28	NO						247	34	130?	2084	30.0C	69.467
166	427	87	18: 0:37	-25:31:17	NO						433	189	366	7140	3.0L	2380.000
167	483	115	18: 0:37	-26:49:29	186189	0: 4	2:47	B5	7.90	.00	422	88	346	3484?	3.0L	1161.333
168	530	113	18: 0:39	-27:44:26	186201	-0: 5	-0:28	A0	9.20	.00	173	59	123	2051	30.0C	68.367
169	574	131	18: 0:44	-28:44:21	186192	0: 7	-0: 6	A0	8.20	.00	155	49	108	1532	30.0C	51.067
170	511	106	18: 0:45	-27:18: 1	186200	0: 3	0:24	B3	9.00	.00	285	200	112	17354 H	30.0C	578.467
171	373	64	18: 0:47	-24:17: 5	186204/	-0: 1	4:43	O	5.86	.00	507	3339	369	235841	3.0L	78613.667
172	373	64	18: 0:47	-24:17: 5	186207/	-0: 6	1:50	B0	7.25	.00	507	3339	369	235841	3.0L	78613.667
173	413	85	18: 0:56	-25:14:12	186193	0:17	4:42	B1	8.90	.00	412	6	371	1957L	3.0L	65.000
174	632	207	18: 0:57	-31:41: 5	209664	-0: 3	-2:11	B3	6.09	7.81	411	42	368	1350 L	3.0L	450.000
175	729	202	18: 1: 2	-32:18:32							115	12	90	265?	30.0C	8.833
176	822	243	18: 1: 3	-34:22:56							115	11	92	238?	30.0C	7.933
177	515	135	18: 1: 8	-27:38:13	186201	0:24	5:45	A0	9.20	.00	419	11	388	289	3.0L	96.333
178	685	175	18: 1: 9	-30:52:30	209669	-0:11	-0:10	B9	9.60	9.34	123	31	92	809	30.0C	26.967
179	699	191	18: 1:15	-31:39: 2	209664	0:14	-0: 9	B3	8.09	7.81	184	85	90	4741 L	30.0C	158.033
180	506	133	18: 1:17	-27:26:50	186218	0: 3	-3:22	B8	8.00	.00	417	7	384	1777L	3.0L	59.000
181	866	268	18: 1:28	-35:22:56	209675	-0:12	2:10	A0	9.30	8.06	120	50	88	1210	30.0C	40.333
182	371	72	18: 1:29	-24:19:35	186220	0: 7	3:47	B	7.21	.00	492	1099	362	88616?	3.0L	29538.867
183	371	72	18: 1:29	-24:19:35	186224?	0: 4	0: 2	B5	9.10	.00	492	1099	362	88616?	3.0L	29538.867
184	371	72	18: 1:29	-24:19:35	186227?	-0: 3	0:30	B3	8.90	.00	492	1099	362	88616?	3.0L	29538.867
185	489	129	18: 1:29	-27: 3:39	186241?	-0:26	1:47	A2	9.00	.00	406	16	380	310?	3.0L	103.333
186	635	167	18: 1:32	-30:13:56	209678	-0:16	-0: 4	A0	8.54	8.21	143	54	94	1817	30.0C	60.567
187	539	150	18: 1:33	-28:14:14							420	18	382	531?	3.0L	177.000
188	434	81	18: 1:39	-25:36:26							142	10	116	224?	30.0C	7.467
189	500	113	18: 1:40	-27: 8: 3	186241	-0:15	-2:38	A2	9.00	.00	146	28	115	677	30.0C	22.567
190	516	121	18: 1:43	-27:32:38	186244	-0:21	0:46	A2	9.00	.00	136	12	113	234?L	30.0C	7.800
191	919	294	18: 1:43	-36:34: 2	209691?	-0:38	1: 1	B8	7.80	.00	329	262	86	23443 H	30.0C	781.433
192	551	156	18: 1:44	-28:31:27	186234	0: 3	0:59	B9	9.30	.00	426	53	387	1523 H	3.0L	507.667
193	441	108	18: 1:45	-25:59: 1	186229	0:12	2:20	A2	8.80	.00	410	15	374	433?	3.0L	144.333
194	405	92	18: 1:48	-25: 8:11	186230	0:12	4: 0	B9	9.00	.00	411	10	381	240?L	3.0L	80.000
195	625	188	18: 1:48	-30:14:48	209678	0: 0	-0:56	A0	8.54	8.21	404	11	378	258 L	3.0L	85.333
196	523	147	18: 1:51	-27:54:16							422	19	373	808?	3.0L	269.333
197	910	313	18: 1:54	-36:34:47	209691	-0:27	0:16	B8	7.80	.00	384	69	308	2743	3.0L	914.333
198	522	126	18: 1:56	-27:41:55	186249	-0:14	0: 9	B9	9.00	.00	187	99	117	4088 H	30.0C	136.200
199	628	191	18: 1:58	-30:19:42	209678?	0:10	-5:50	A0	8.54	8.21	411	48	375	1294?	3.0L	431.333
200	559	141	18: 2: 1	-28:32:20	186234	0:21	0: 7	B9	9.30	.00	188	60	100	2547	30.0C	84.900

SGR OVEREXP RA 18:34 DEC -30:24

OBJECT NO.	X	Y	R.A.	DEC.	SAO NO.	Δ R.A.	Δ DEC.	SPEC. TYPE	V MAG.	P MAG.	PEAK DEN.	NO. OF POINTS	BG	DENSITY VOLUME	EXP.& FILTER	DEN.VOL/ EXP.
201	514	146	18: 2: 5	-27:43:21	186249	-0: 5	-1:16	B9	9.00	.00	424	99	371	3593 H	3.0L	1197.667
202	339	66	18: 2: 7	-23:38:52	186236?	0:21	-2:48	B8	8.60	.00	444	20	367	1117 L	3.0L	372.333
203	339	66	18: 2: 7	-23:38:52	186255?	-0:19	4:21	B3	8.30	.00	444	20	367	1117 L	3.0L	372.333
204	522	150	18: 2: 9	-27:54:30	NO						412	16	378	426	3.0L	142.000
205	574	172	18: 2:11	-29: 6:22	186248	0: 2	-0:48	B8	8.70	.00	420	28	388	634 L	3.0L	211.333
206	374	60	18: 2:11	-24:16:13	186227?	0:39	3:53	B3	8.90	.00	472	1598	137?	375396	30.0C	12513.200
207	374	60	18: 2:11	-24:16:13	186247	0: 4	7:58	O	6.79	.00	472	1598	137?	375396	30.0C	12513.200
208	570	148	18: 2:12	-28:49:32	NO						141	41	100	1324	30.0C	44.133
209	465	129	18: 2:15	-26:35:21	186252	-0: 2	2:43	B8	8.60	.00	406	44	375	975 L	3.0L	325.000
210	526	132	18: 2:19	-27:49:21	186249?	0: 8	-7:16	B9	9.00	.00	211	239	107	11810 H	30.0C	393.667
211	584	178	18: 2:21	-29:20:49	186256	-0: 8	-3:54	A2	7.03	.00	413	15	374	4197L	3.0L	139.667
212	472	111	18: 2:23	-26:34:13	186252	0: 7	3:52	B8	8.60	.00	179	91	108	4191 H	30.0C	139.700
213	346	50	18: 2:25	-23:38:45	186255	-0: 1	4:27	B3	8.30	.00	401	129	144?	25040	30.0C	834.667
214	516	152	18: 2:27	-27:47:60	186249?	0:16	-5:55	B9	9.00	.00	409	22	381	539	3.0L	179.667
215	627	198	18: 2:32	-30:21:23	209696	-0: 4	4:13	K0	3.07	.00	407	10	383?	221?	3.0L	73.667
216	595	163	18: 2:32	-29:25: 8	186265	-0:20	1: 6	B5	8.50	.00	356	197	104	19478	30.0C	649.267
217	389	72	18: 2:33	-24:39:39	186240?	0:40	1:27	B0	8.00	.00	377	35	130?	4682 L	30.0C	156.067
218	581	158	18: 2:36	-29: 6:32	186248?	0:27	-0:58	B8	8.70	.00	138	33	98	1063 L	30.0C	35.433
219	479	140	18: 2:40	-26:57:50	186264	-0:11	0:59	B3	8.60	.00	436	54	380	2137	3.0L	712.333
220	469	114	18: 2:40	-26:31:39	186252?	0:23	6:25	B8	8.60	.00	167	34	108	12117L	30.0C	40.367
221	487	121	18: 2:41	-26:57:23	186264	-0: 9	1:27	B3	8.60	.00	336	145	113	14011	30.0C	467.033
222	338	73	18: 2:42	-23:42: 1	186255	0:16	1:12	B3	8.30	.00	415	15	365	5417L	3.0L	180.333
223	811	257	18: 2:44	-34:18: 9	209711	-0:17	1: 7	B8	7.98	7.46	265	211	93	15101	30.0C	503.367
224	803	276	18: 2:45	-34:20:36	209711	-0:16	-1:20	B8	7.98	7.46	396	49	339	1679	3.0L	559.667
225	676	221	18: 2:46	-31:30:22	209703/	-0: 3	-0:40	B8	8.76	8.49	407	424	362	1320	3.0L	440.000
226	676	221	18: 2:46	-31:30:22	209704/	-0: 3	4:14	B8	8.92	8.69	407	424	362	1320	3.0L	440.000
227	685	203	18: 2:48	-31:29:41	209703	-0: 1	0: 1	B8	8.76	8.49	199	136	88	7914 H	30.0C	263.800
228	685	203	18: 2:48	-31:29:41	209704?	-0: 2	4:55	B8	8.92	8.69	199	136	88	7914 H	30.0C	263.800
229	355	84	18: 2:50	-24: 6:49	186268?	-0:11	5:15	B9	8.10	.00	449	23	371	1260	3.0L	420.000
230	586	185	18: 2:52	-29:27:36	186265	-0: 0	-1:22	B5	8.50	.00	442	63	384?	2183	3.0L	727.667
231	809	280	18: 2:54	-34:29:26	209714/	-0:13	1: 2	B8	8.71	8.31	382	26	343	707	3.0L	235.667
232	809	280	18: 2:54	-34:29:26	209718/	-0:18	1:48	B8	9.24	9.05	382	26	343	707	3.0L	235.667
233	357	86	18: 2:56	-24:10: 2	186268	-0: 5	2: 2	B9	8.10	.00	459	332	366	15440?H	3.0L	5146.667
234	679	224	18: 2:56	-31:35:16	209704	0: 6	-0:40	B8	8.92	8.69	415	47	365	1460?	3.0L	486.667
235	555	152	18: 2:60	-28:33:31	186278	-0:18	0:31	B8	9.20	.00	159	69	104	2111	30.0C	70.367
236	694	231	18: 3: 1	-31:56: 0	209701	0:16	-0:45	A5	9.70	9.85	388	21	350	605 H	3.0L	201.667
237	818	265	18: 3: 5	-34:30:43	209714/	-0: 2	-0:15	B8	8.71	8.31	191	51	89	2651	30.0C	88.367
238	818	265	18: 3: 5	-34:30:43	209718/	-0: 7	0:31	B8	9.24	9.05	191	51	89	2651	30.0C	88.367
239	723	223	18: 3: 6	-32:23:55	209720	-0:21	-0:30	B8	8.82	8.63	130	56	86	1773	30.0C	59.100
240	545	173	18: 3:13	-28:32:39	186278	-0: 5	1:22	B8	9.20	.00	405	10	376	247 L	3.0L	82.333
241	510	159	18: 3:16	-27:44:17	NO						417	35	366	1297	3.0L	432.333
242	473	124	18: 3:21	-26:42: 3	NO						142	75	104	1896	30.0C	63.200
243	713	245	18: 3:28	-32:25:23	209720	0: 2	-1:58	B8	8.82	8.63	387	11	353	286 L	3.0L	95.333
244	713	245	18: 3:28	-32:25:23	209722?	-0:10	4:53	B9	9.60	9.75	387	11	353	286	3.0L	95.333
245	710	244	18: 3:29	-32:21:26	209720	0: 3	1:59	B8	8.82	8.63	386	8	356	2087L	3.0L	69.333
246	685	212	18: 3:29	-31:34:38	209704?	0:40	-0: 1	B8	8.92	8.69	113	5	88	114?	30.0C	3.800
247	516	143	18: 3:30	-27:43:32	NO						135	8	106	205	30.0C	6.833
248	536	173	18: 3:32	-28:22:11	186286	-0: 4	0: 0	A0	7.33	.00	426	60	376	2015	3.0L	671.667
249	808	266	18: 3:33	-34:19:40	209711?	0:32	-0:24	B8	7.98	7.46	124	5	89	1497L	30.0C	4.967
250	497	159	18: 3:38	-27:28:42	186292	-0:12	2:12	B5	9.00	.00	412	16	362	617 L	3.0L	205.667
251	446	112	18: 3:38	-26: 5:54							265	117	109	8704?	30.0C	290.133
252	506	141	18: 3:39	-27:29:22	186292	-0:13	1:32	B5	9.00	.00	156	54	101	2071 L	30.0C	69.033
253	955	330	18: 3:40	-37:31:54	209728	-0:18	0: 4	B9	9.30	8.94	125	40	80	1291	30.0C	43.033
254	689	238	18: 3:42	-31:54:12	NO						388	6	363	132	3.0L	44.000
255	567	188	18: 3:43	-29: 6:25	186287/	0: 6	-3:51	A0	8.10	.00	411	55	369	1863	3.0L	621.000
256	567	188	18: 3:43	-29: 6:25	186288/	-0: 1	-1:33	B9	7.90	.00	411	55	369	1863	3.0L	621.000
257	351	71	18: 3:46	-23:55:20	NO						207	6	151?	326	30.0C	10.867
258	430	130	18: 3:48	-25:56:36							396	18	351	6257	3.0L	208.333
259	437	135	18: 3:52	-26: 7:42	NO						415	22	373	751	3.0L	250.333
260	542	159	18: 3:59	-28:21:10	186286	0:23	1: 1	A0	7.33	.00	316	136	94	12899 H	30.0C	429.967
261	572	172	18: 4: 2	-29: 3:17	186287/	0:24	-0:43	A0	8.10	.00	248	155	94	10026	30.0C	334.200
262	572	172	18: 4: 2	-29: 3:17	186288/	0:17	1:35	B9	7.90	.00	248	155	94	10026	30.0C	334.200
263	837	284	18: 4: 3	-35: 1:13	209746	-0:31	0:34	B8	8.66	8.22	162	84	92	3663	30.0C	122.100
264	610	210	18: 4: 6	-30: 7:57	209734	-0: 5	3: 7	A0	9.32	9.23	392	15	363	380?	3.0L	126.667
265	394	119	18: 4: 8	-25: 8:41	186306	-0:14	-1:59	B	8.40	.00	401	160	352	5471	3.0L	1823.667
266	642	202	18: 4: 9	-30:39:56	209733	0: 1	0:18	B9	8.89	8.50	173	63	98	2864	30.0C	95.467
267	633	220	18: 4:10	-30:39:25	209733	0: 2	0:49	B9	8.89	8.50	404	26	354	978	3.0L	326.000
268	463	153	18: 4:13	-26:45:56	186310	-0:16	-3:57	A0	8.80	.00	402	18	371	433	3.0L	144.333
269	365	85	18: 4:16	-24:18: 1	186298	0:17	1:52	A0	9.20	.00	160	20	121	529?	30.0C	17.633
270	411	129	18: 4:17	-25:33:38	186315	-0:15	2:25	B9	8.50	.00	397	23	356	755	3.0L	251.667
271	398	101	18: 4:22	-25: 4: 6	186306	0: 0	2:36	B	8.40	.00	173	82	114	2947	30.0C	98.233
272	829	305	18: 4:23	-35: 3:58	209746	-0:10	-2:11	B8	8.66	8.22	349	8	323	194 L	3.0L	64.667
273	292	75	18: 4:25	-22:49:58	186320/	-0:15	4:20	B2	9.10	.00	397	5	375	89 L	3.0L	29.667
274	292	75	18: 4:25	-22:49:58	186325/	-0:23	3:16	B3	8.50	.00	397	5	375	89 L	3.0L	29.667
275	419	112	18: 4:28	-25:34: 7	186315	-0: 3	1:56	B9	8.50	.00	205	49	113	2675	30.0C	89.167
276	412	132	18: 4:30	-25:36:10	186315	-0: 1	-0: 6	B9	8.50	.00	398	33	349	1234?	3.0L	411.333
277	852	297	18: 4:37	-35:24:12	209741	0:17	-0:25		8.67	9.20	110	7	88	142?L	30.0C	4.733
278	423	116	18: 4:41	-25:40:34	186315	0: 9	-4:31	B9	8.50	.00	137	4	114	88?L	30.0C	2.933
279	894	316	18: 4:42	-36:18:16	209758?	-0:27	1:27	A0	9.00	8.70	141	90	82	3448 H	30.0C	114.933
280	401	130	18: 4:43	-25:22:29	186332	-0:19	-1: 3	B2	8.50	.00	403	126	335?	6083 L	3.0L	2027.667
281	582	206	18: 4:44	-29:33:27	NO						396	10	364	252	3.0L	84.000
282	308	64	18: 4:44	-23: 1:57	186324	0: 1	4:48	B9	8.40	.00	250	42	128?	3361	30.0C	112.033
283	484	146	18: 4:44	-27: 5:37	186327	-0: 8	2:26	A0	9.30	.00	137	47	98	1422	30.0C	47.400
284	484	168	18: 4:45	-27:18:25	186331	-0:12	0:56	B9	8.60	.00	426	59	372	1586	3.0L	562.000
285	803	298	18: 4:46	-34:32:14	209755	-0:18	-1: 8	B8	8.20	7.87	370	7	342	174 L	3.0L	58.000
286	811	281	18: 4:48	-34:31:25	209755	-0:16	-0:18	B8	8.20	7.87	182	138	95	666;	30.0C	222.033
287	475	165	18: 4:51	-27: 5:24	186327	-0: 2	2:39	A0	9.30	.00	399	15	365?	429 H	3.0L	143.000
288	305	88	18: 4:57	-23:11:24	186324	0:13	-4:39	B9	8.40	.00	386	10	354	257?L	3.0L	85.667
289	491	152	18: 4:59	-27:17:40	186331	0: 1	1:41	B9	8.60	.00	182	72	106	3010	30.0C	100.333
290	590	191	18: 5: 2	-29:34:14	NO						124	39	87	1137	30.0C	37.900
291	397	133	18: 5: 6	-25:19:12	186332	0: 5	2:14	B2	8.50	.00	387	9	354	252?L	3.0L	84.000
292	379	126	18: 5: 7	-24:55:10	186334	0: 3	-1:13	A3	9.40	.00	386	6	347	209?	3.0L	69.667
293	892	320	18: 5: 7	-36:18:59	209758	-0: 2	0:45	A0	9.00	8.70	136	23	82	828	30.0C	27.600
294	522	187	18: 5: 8	-28:13: 4	NO						384	11	349	308	3.0L	102.667
295	530	169	18: 5: 9	-28:12:31	NO						115	10	89	230	30.0C	7.667
296	314	96	18: 5:12	-23:26: 2	186340	-0: 6	0:22	B9	9.50	.00	395	89	346	2747?H	3.0L	915.667
297	400	136	18: 5:13	-25:25:12	186332	0:12	-3:45	B2	8.50	.00	387	26	342	857?L	3.0L	285.667
298	650	239	18: 5:13	-31: 9:17	209771?	-0:32	0:51	A0	7.69	.00	387	22	355	543 L	3.0L	181.000
299	604	221	18: 5:15	-30: 7:15	209762	-0:16	2:11	A2	8.63	8.55	389	12	358	278?	3.0L	92.667
300	461	167	18: 5:23	-26:50:43	186345	-0:18	1:47	B5	9.00	.00	393	8	363	186 L	3.0L	62.000

SGR OVEREXP RA 18:34 DEC -30:24

OBJECT NO.	X	Y	R.A.	DEC.	SAO NO.	Δ R.A.	Δ DEC.	SPEC. TYPE	V MAG.	P MAG.	PEAK DEN.	NO. OF POINTS	BG	DENSITY VOLUME	EXP.$ FILTER	DEN.VOL/ EXP.
301	470	148	18: 5:24	-26:50:14	186345	-0:17	2:16	B5	9.00	.00	135	42	95	1305 L	30.0C	43.500
302	397	138	18: 5:25	-25:22:10	186332?	0:23	-0:44	B2	8.50	.00	397	15	361	4472L	3.0L	149.000
303	445	159	18: 5:27	-26:28:12	NO						377	9	347	227	3.0L	75.667
304	898	349	18: 5:38	-36:40: 5	209779	-0:21	0:50	B0	6.58	.00	428	103	293	7949 L	3.0L	2649.667
305	400	143	18: 5:44	-25:27:55	186350	-0: 4	0:59	B8	6.27	.00	445	661	317?	56272 H	3.0L	18757.333
306	650	245	18: 5:44	-31:13:15	209767?	0: 4	2:10	B9	9.38	9.28	388	11	355	307 L	3.0L	102.333
307	650	245	18: 5:44	-31:13:15	209771	-0: 1	-3: 7	A0	7.69	.00	388	11	355	307 L	3.0L	102.333
308	776	298	18: 5:44	-34: 2: 8	209777	-0:10	-1: 6	B8	9.25	9.02	379	14	348	334	3.0L	111.333
309	279	88	18: 5:46	-22:42:36	186365	-0:26	4:36	B8	8.70	.00	376	9	355	162 L	3.0L	54.000
310	657	227	18: 5:47	-31:11:25	209767/	0: 7	4: 0	B9	9.38	9.28	181	133	84	6899 H	30.0C	229.967
311	657	227	18: 5:47	-31:11:25	209771/	0: 2	-1:17	A0	7.69	.00	181	133	84	6899	30.0C	229.967
312	407	147	18: 5:50	-25:37:51	186350?	0: 2	-8:57	B8	6.27	.00	387	19	349	559 L	3.0L	186.333
313	408	125	18: 5:50	-25:27:56	186350	0: 2	0:58	B8	6.27	.00	386	417	108	41397	30.0C	1379.900
314	906	333	18: 5:52	-36:40: 4	209779	-0: 7	0:50	B0	6.58	.00	396	228	76?	40453	30.0C	1348.433
315	371	133	18: 5:59	-24:49: 2	186368	-0:18	0:41	B8	9.40	.00	388	26	345	8097	3.0L	269.667
316	333	116	18: 6: 2	-23:57: 9	186366	-0:12	2:43	B0	7.48	.00	453	54	339	3938 L	3.0L	1312.667
317	361	130	18: 6: 4	-24:36: 6	186374?	-0:24	4:19	B8	8.90	.00	399	76	335	3375	3.0L	1125.000
318	861	317	18: 6: 4	-35:43:34	209790?	-0:35	1:23	A0	9.90	9.45	107	5	83	111?	30.0C	3.700
319	782	283	18: 6: 7	-34: 0:25	209777	0:13	0:36	B8	9.25	9.02	172	69	101	2926	30.0C	97.533
320	310	107	18: 6: 8	-23:27: 1	186360	0: 2	-0:20	B9	9.30	.00	383	38	350	7387	3.0L	246.000
321	287	74	18: 6: 9	-22:42:53	186365	-0: 4	4:19	B8	8.70	.00	213	14	128?	1031 L	30.0C	34.367
322	774	303	18: 6:14	-34: 3:19	209777	0:20	-2:18	B8	9.25	9.02	368	10	334	2817	3.0L	93.867
323	371	114	18: 6:16	-24:39:21	186374	-0:12	1: 4	B8	8.90	.00	172	46	123	1385 L	30.0C	46.167
324	361	133	18: 6:20	-24:37:26	186374	-0: 9	2:58	B8	8.90	.00	377	6	345	1677L	3.0L	55.867
325	293	103	18: 6:22	-23: 5:37	186371	-0: 1	-0:26	A0	9.30	.00	370	38	338	911?	3.0L	303.667
326	812	320	18: 6:22	-34:53:43	209789	-0:16	-1: 0	B5	9.11	8.79	392	25	331	931	3.0L	310.333
327	366	136	18: 6:23	-24:45:44	186368	0: 6	3:59	B8	9.40	.00	377	11	342	351?	3.0L	117.000
328	849	315	18: 6:23	-35:30:24	209797?	-0:21	0:16	B8	8.88	8.58	156	169	82	6466 H	30.0C	215.533
329	435	166	18: 6:24	-26:19:44	186372	-0: 1	1:28	A0	9.00	.00	391	27	355	736	3.0L	245.333
330	362	135	18: 6:28	-24:39:29	186374	-0: 0	0:55	B8	8.90	.00	380	9	347	2707L	3.0L	90.000
331	715	260	18: 6:31	-32:33:26	209791	-0: 9	0:24	B8	9.14	8.90	157	73	85	3206	30.0C	106.867
332	707	278	18: 6:32	-32:35:48	209791	-0: 7	-1:58	B8	9.14	8.90	374	15	345	373	3.0L	124.333
333	837	333	18: 6:36	-35:27: 7	209797	-0: 8	3:33	B8	8.88	8.58	337	10	312	222 L	3.0L	74.000
334	804	298	18: 6:37	-34:32:29	209808?	-0:35	0:28	A0	8.93	8.68	111	11	88	227?L	30.0C	7.567
335	819	305	18: 6:37	-34:52:40	209789	-0: 0	0: 3	B5	9.11	8.79	209	109	87	7133	30.0C	237.767
336	317	117	18: 6:39	-23:39: 5	186375/	0: 6	-4:25	A2	8.60	.00	455	565	342	35121	3.0L	11707.000
337	317	117	18: 6:39	-23:39: 5	186379/	-0: 4	2:22	B	9.10	.00	455	565	342	35121	3.0L	11707.000
338	317	117	18: 6:39	-23:39: 5	186380/	-0: 5	0:15	B	8.70	.00	455	565	342	35121	3.0L	11707.000
339	317	117	18: 6:39	-23:39: 5	186381/	-0: 6	0:52	B8	9.40	.00	455	565	342	35121	3.0L	11707.000
340	317	117	18: 6:39	-23:39: 5	136385/	-0: 9	-1:36	B5	9.50	.00	455	565	342	35121	3.0L	11707.000
341	442	151	18: 6:40	-26:20:36	186372	0:16	0:36	A0	9.00	.00	137	57	89	1953	30.0C	65.100
342	471	166	18: 6:46	-27: 1:27							113	15	88	346?	30.0C	11.533
343	518	184	18: 6:46	-28: 6: 6	NO						127	34	90	920	30.0C	30.667
344	327	103	18: 6:56	-23:42:47	186379?	0:13	-1:20	B	9.10	.00	446	1722	113	226681	30.0C	7556.033
345	327	103	18: 6:56	-23:42:47	186380/	0:12	-3:27	B	8.70	.00	446	1722	113	226681	30.0C	7556.033
346	327	103	18: 6:56	-23:42:47	186381?	0:10	-2:50	B8	9.40	.00	446	1722	113	226681	30.0C	7556.033
347	327	103	18: 6:56	-23:42:47	186389/	-0: 8	4:14	B5	7.64	.00	446	1722	113	226681	30.0C	7556.033
348	725	269	18: 6:56	-32:50:26	NO						141	45	90	1697	30.0C	56.567
349	847	320	18: 6:56	-35:30:24	209797	0:12	0:17	B8	8.88	8.58	139	18	87	621 L	30.0C	20.700
350	357	120	18: 7:10	-24:25:20	186402	-0:16	2:33	B8	9.60	.00	160	59	109	1914	30.0C	63.800
351	557	226	18: 7:11	-29:13:45	186391	0: 4	-0:20	A2	8.00	.00	379	6	354	138?	3.0L	46.000
352	324	128	18: 7:14	-23:52:46	186389?	0:10	-5:45	B5	7.64	.00	434	238	341	11720 L	3.0L	3908.667
353	324	128	18: 7:14	-23:52:46	186406	-0:16	3: 1	B5	8.80	.00	434	238	341	11720 H	3.0L	3908.667
354	479	196	18: 7:15	-27:26: 5	186408	-0:17	-0:16	B9	9.00	.00	384	8	353	186?L	3.0L	62.000
355	580	236	18: 7:16	-29:45:14							395	37	353	1137?	3.0L	379.000
356	585	238	18: 7:16	-29:52: 0	186397	-0: 1	3: 3	B9	8.80	.00	391	35	351	1020	3.0L	340.000
357	902	368	18: 7:16	-36:54:46							375	24	292	1139?	3.0L	379.667
358	840	321	18: 7:18	-35:22:47	209820?	-0:32	1:13	A3	9.80	9.71	108	5	83	118?	30.0C	3.933
359	287	90	18: 7:20	-22:51:44	186415?	-0:31	3: 1	B9	9.40	.00	131	9	107	189 L	30.0C	6.300
360	559	229	18: 7:23	-29:17:28	186391	0:16	-4: 3	A2	8.00	.00	374	5	347	119?L	3.0L	39.667
361	279	110	18: 7:24	-22:52:32	186415	-0:26	2:13	B9	9.40	.00	361	8	336	175?L	3.0L	58.333
362	385	158	18: 7:24	-25:17:55	186407	-0: 7	1:59	B9	9.20	.00	391	53	339	1693?H	3.0L	564.333
363	758	310	18: 7:27	-33:49:10	209817	-0:10	-0:30	B5	6.24	.00	462	220	332	15000	3.0L	5000.000
364	307	125	18: 7:32	-23:31:46	186395?	0:18	-6:35	A0	9.00	.00	372	21	322	813	3.0L	271.000
365	767	293	18: 7:34	-33:48:50	209817	-0: 3	-0:11	B5	6.24	.00	411	535	88	7040*	30.0C	2346.800
366	403	169	18: 7:39	-25:43:21	186409	-0: 0	-2:14	A0	9.40	.00	379	9	349	220?	3.0L	73.333
367	277	113	18: 7:43	-22:51:32	186415	-0: 7	3:13	B9	9.40	.00	364	6	332	164?L	3.0L	54.667
368	285	95	18: 7:44	-22:51:11	186415	-0: 7	3:34	B9	9.40	.00	131	25	103	580?L	30.0C	19.333
369	309	106	18: 7:45	-23:24:26	186395?	0:31	0:45	A0	9.00	.00	144	18	109	480?L	30.0C	16.000
370	447	190	18: 7:49	-26:45:60	186419	-0: 7	-4:47	A3	10.00	.00	389	5	360?	119?	3.0L	39.667
371	475	202	18: 7:49	-27:23:41	186408	0:17	2: 9	B9	9.00	.00	396	12	360	259?L	3.0L	86.333
372	325	137	18: 7:50	-23:58:37	186406	0:21	-2:50	B5	8.80	.00	374	8	340	210?L	3.0L	70.000
373	576	241	18: 7:51	-29:42:51	186417	0: 0	2:58	A5	8.10	.00	381	4	351	107?L	3.0L	35.667
374	570	240	18: 7:59	-29:35:22	186421	-0: 4	-4:35	A0	9.20	.00	384	25	352	586?	3.0L	195.333
375	820	321	18: 7:60	-35: 0:47	209832	-0:20	1:28	B8	6.99	.00	236	85	83	6399	30.0C	213.300
376	780	304	18: 8: 2	-34: 8:36							120	5	85	1457	30.0C	4.833
377	518	221	18: 8: 3	-28:24:13	186414	0:14	-3:59	A0	8.60	.00	370	5	340	1357L	3.0L	45.000
378	811	339	18: 8: 4	-35: 2: 9	209832	-0:16	0: 6	B8	6.99	.00	387	27	315	1096 L	3.0L	365.333
379	327	142	18: 8: 6	-24: 2:43	186435?	-0:30	1:35	B9	9.20	.00	368	29	311	1267?	3.0L	422.333
380	692	269	18: 8: 8	-32:11:58	NO						118	37	84	963	30.0C	32.100
381	622	263	18: 8:10	-30:47:58	209826	0: 5	-3:57	A3	9.55	9.70	371	5	341	140?	3.0L	46.667
382	444	193	18: 8:11	-26:43:51	186419/	0:14	-2:38	A3	10.00	.00	382	12	347	348?	3.0L	116.000
383	444	193	18: 8:11	-26:43:51	186426/	0: 1	-4:25	A5	9.00	.00	382	12	347	348?	3.0L	116.000
384	791	318	18: 8:11	-34:24:10	209834	-0:19	0: 4	B9	9.10	8.73	121	5	77?	208 L	30.0C	8.667
385	693	292	18: 8:15	-32:25:31	209833	-0: 8	-0:32	B8	8.69	8.32	382	32	337	979	3.0L	326.333
386	441	194	18: 8:17	-26:40:21	186419?	0:20	0:52	A3	10.00	.00	380	5	349	143?	3.0L	47.667
387	441	194	18: 8:17	-26:40:21	186426	0: 7	-0:55	A5	9.00	.00	380	5	349	143?	3.0L	47.667
388	712	279	18: 8:18	-32:41: 5	209837?	-0:22	-1:14	B8	8.37	7.75	211	80	95	5214	30.0C	173.800
389	775	306	18: 8:22	-34: 4:53	209841?	-0:26	-0: 1	B8	7.11	.00	360	229	84	23261	30.0C	775.367
390	812	363	18: 8:23	-37: 1:42	209840	-0:18	1:33	A0	8.50	8.30	107	34	78	827 L	30.0C	27.567
391	419	164	18: 8:24	-25:58:44	186441	-0:18	3:14	A0	9.00	.00	156	79	89	3268 H	30.0C	108.867
392	412	183	18: 8:26	-26: 0:50	186441	-0:15	1: 7	A0	9.00	.00	393	19	342	651	3.0L	217.000
393	346	155	18: 8:27	-24:31:14	186436	-0:10	-3:20	A0	9.40	.00	367	16	330	504?	3.0L	168.000
394	798	317	18: 8:29	-34:35: 5	209838	-0:11	1:15	A0	8.50	8.18	122	18	75?	713	30.0C	23.767
395	569	247	18: 8:31	-29:38: 7	186445	-0:18	-3: 5	B9	8.00	.00	394	12	349	387?L	3.0L	129.000
396	703	299	18: 8:32	-32:40:26	209837	-0: 8	-0:34	B8	8.37	7.75	386	17	335	534 L	3.0L	178.000
397	700	277	18: 8:33	-32:26:10	209833	0:10	-1:11	B9	8.69	8.32	174	68	89	3586	30.0C	119.533
398	323	146	18: 8:35	-23:59:50	186439	-0: 6	0:23	B8	9.20	.00	391	41	331	1275?	3.0L	425.000
399	480	192	18: 8:36	-27:24:24							138	39	98	1243?	30.0C	41.433
400	789	314	18: 8:36	-34:24:52	209834	0: 6	-0:37	B9	9.10	8.73	123	6	97	141?L	30.0C	4.700

SGR OVEREXP RA 18:34 DEC -30:24

OBJECT NO.	X	Y	R.A.	DEC.	SAO NO.	Δ R.A.	Δ DEC.	SPEC. TYPE	V MAG.	P MAG.	PEAK DEN.	NO. OF POINTS	BG	DENSITY VOLUME	EXP.& FILTER	DEN.VOL/ EXP.
401	579	251	18: 8:37	-29:52: 7	186247	0:30	2:41	A0	8.30	.00	384	19	350	488 L	3.0L	162.667
402	579	251	18: 8:37	-29:52: 7	186432	0: 5	-0: 2	A0	8.90	.00	384	19	350	488 L	3.0L	162.667
403	587	233	18: 8:38	-29:51:28	186432	0: 6	0:37	A0	8.90	.00	183	146	94	6770 H	30.0C	225.667
404	766	326	18: 8:39	-34: 5:55	209841	-0: 8	-1: 3	B8	7.11	.00	428	66	329	3486	3.0L	1162.000
405	649	258	18: 8:40	-31:16:39	2098537	-0:40	-3:28	A2	9.35	9.42	118	27	86	718	30.0C	23.933
406	342	156	18: 8:41	-24:27: 2	186436	0: 3	0:53	A0	9.40	.00	373	56	334	14787H	3.0L	492.667
407	330	129	18: 8:42	-23:58:41	186439	0: 2	1:32	B8	9.20	.00	141	58	94	2087?	30.0C	69.567
408	566	249	18: 8:48	-29:35:31	186445	-0: 1	-0:29	B9	8.00	.00	397	25	345	977	3.0L	325.667
409	366	168	18: 8:49	-24:59:49	186443	0: 2	4:14	A0	9.20	.00	377	54	337	1386?H	3.0L	462.000
410	536	237	18: 8:49	-28:53:44	186444	0: 1	1: 6	A0	6.38	.00	411	47	344	1818 L	3.0L	606.000
411	797	320	18: 8:49	-34:35:16	209838	0: 8	1: 4	A0	8.50	8.18	120	7	88	181 L	30.0C	6.033
412	544	219	18: 8:50	-28:53: 8	186444	0: 2	1:43	A0	6.38	.00	273	162	88	10209	30.0C	340.300
413	371	172	18: 8:52	-25: 8: 8	186443	0: 5	-4: 5	A0	9.20	.00	379	37	335	1186?H	3.0L	395.333
414	325	151	18: 8:54	-24: 5:31	186435/	0:18	-1:13	B9	9.20	.00	356	4	332	85?	3.0L	28.333
415	325	151	18: 9:54	-24: 5:31	186451/	-0: 7	1:18	B8	9.30	.00	356	4	332	85?	3.0L	28.333
416	240	113	18: 8:59	-22:10:27	186442	0:17	-3:26	B	9.10	.00	355	6	325	136?L	3.0L	45.333
417	434	177	18: 8:59	-26:23:12	186449	0: 1	1:23	A0	8.50	.00	117	29	86	762	30.0C	25.400
418	425	196	18: 8:60	-26:22:33	186449	0: 2	2: 2	A0	8.50	.00	364	4	337	97 L	3.0L	32.333
419	448	184	18: 9: 1	-26:42:14	186460	-0:23	2:36	B	9.20	.00	109	6	85	134?L	30.0C	4.467
420	322	129	18: 9: 3	-23:49:51	NO						133	22	94	642	30.0C	21.400
421	560	250	18: 9: 6	-29:28:56	186455	-0: 6	0:22	B8	9.00	.00	396	53	345	1947	3.0L	649.000
422	883	359	18: 9: 7	-36:29:13	209851	-0:12	0:22	B9	8.26	8.03	129	65	79	2300?L	30.0C	76.667
423	572	234	18: 9: 9	-29:33:54	186445	0:20	1: 7	B9	8.00	.00	173	93	89	3832	30.0C	127.733
424	572	234	18: 9: 9	-29:33:54	186455?	-0: 2	-4:36	B8	9.00	.00	173	93	89	3832	30.0C	127.733
425	440	204	18: 9:11	-26:43:40	186460	-0:13	1:11	B	9.20	.00	381	33	345	881?	3.0L	293.667
426	636	280	18: 9:11	-31:13:20	209853	-0: 9	-0: 9	A2	9.35	9.42	371	14	341	341?	3.0L	113.667
427	513	212	18: 9:11	-28:13:12	186471?	-0:33	4:24	A0	9.20	.00	292	124	91	10371 H	30.0C	345.700
428	513	212	18: 9:11	-28:13:12	186472?	-0:38	6:38	A0	9.20	.00	292	124	91	10371 H	30.0C	345.700
429	455	211	18: 9:15	-27: 5:31	186462	-0:15	3:47	B9	9.20	.00	383	21	343	649?	3.0L	216.333
430	536	243	18: 9:15	-28:56: 0	186465	-0:19	2:34	A0	9.20	.00	373	17	349	333?	3.0L	111.000
431	325	157	18: 9:19	-24: 7:43	186451	0:19	-0:54	B8	9.30	.00	359	9	328	227?L	3.0L	75.667
432	505	232	18: 9:21	-28:14:42	186471/	-0:24	2:54	A0	9.20	.00	417	83	339	3861 H	3.0L	1287.000
433	505	232	18: 9:21	-28:14:42	186472/	-0:28	5: 9	A0	9.20	.00	417	83	339	3861 H	3.0L	1287.000
434	500	209	18: 9:22	-27:56:38	186458	0: 2	-0:54	A2	8.70	.00	115	24	86	620	30.0C	20.667
435	659	270	18: 9:22	-31:35: 1	NO						116	35	82	949	30.0C	31.633
436	638	283	18: 9:23	-31:17: 3	209853	0: 3	-3:52	A2	9.35	9.42	362	4	339	897L	3.0L	29.667
437	862	374	18: 9:23	-36:14:12	NO						319	4	295	87	3.0L	29.000
438	441	207	18: 9:25	-26:46:10	186460	0: 0	-1:20	B	9.20	.00	370	14	343	317?L	3.0L	105.667
439	869	357	18: 9:27	-36:12: 7	NO						100	17	73	405	30.0C	13.500
440	553	252	18: 9:31	-29:21:39	186457	0:16	0:22	A3	8.80	.00	371	5	344	114?	3.0L	38.000
441	260	130	18: 9:33	-22:41:11							366	54	318	1814?	3.0L	604.667
442	690	284	18: 9:33	-32:17:42	209862?	-0:23	6:27	B8	9.32	9.14	122	16	86	449 L	30.0C	14.967
443	446	190	18: 9:35	-26:43:45	186460	0:10	1: 6	B	9.20	.00	111	20	84	469?L	30.0C	15.633
444	680	302	18: 9:36	-32:16: 6	209862?	-0:21	8: 3	B8	9.32	9.14	366	9	335	229	3.0L	76.333
445	621	279	18: 9:37	-30:55:18	209858	0: 2	2:24	A2	8.65	8.73	367	6	337	153?L	3.0L	51.000
446	283	142	18: 9:38	-23:12: 8							364	51	311	1885?	3.0L	628.333
447	452	193	18: 9:38	-26:52: 6	186473	-0:15	2: 5	A0	8.80	.00	113	31	85	708?	30.0C	23.600
448	443	212	18: 9:39	-26:51:28	186473	-0:14	2:43	A0	8.80	.00	388	44	341	1385?	3.0L	461.667
449	456	217	18: 9:39	-27: 8:56	186462	0: 9	0:22	B9	9.20	.00	376	16	343	386?L	3.0L	128.667
450	271	137	18: 9:42	-22:56:30	186463	0:10	-2:43	A0	9.70	.00	346	4	321	90?	3.0L	30.000
451	256	108	18: 9:43	-22:24:28	186474	-0:10	3:32	A0	9.10	.00	150	81	104	239??	30.0C	79.733
452	340	169	18: 9:44	-24:31: 9	186469	0: 0	-1:11	A5	9.00	.00	355	4	329	88?	3.0L	29.333
453	651	292	18: 9:45	-31:36:23	NO						369	7	334	212	3.0L	70.667
454	694	288	18: 9:46	-32:24:12	209862	-0:10	-0: 4	B8	9.32	9.14	144	103	89	3424	30.0C	114.133
455	686	307	18: 9:50	-32:25:24	209862	-0: 6	-1:16	B8	9.32	9.14	367	5	333	142	3.0L	47.333
456	354	177	18: 9:52	-24:50:32							369	89	310	3413?	3.0L	1137.667
457	477	228	18: 9:52	-27:39:38	186464	0:19	-2:23	A2	9.00	.00	371	9	344	154?L	3.0L	51.333
458	579	245	18: 9:52	-29:48:16							113	8	87	185?	30.0C	6.167
459	549	256	18: 9:56	-29:18:19	186480	-0:13	3:42	B9	9.20	.00	370	6	343	137 L	3.0L	45.667
460	559	238	18: 9:58	-29:20:29	186480	-0:11	1:32	B9	9.20	.00	111	24	81	624 L	30.0C	20.800
461	456	222	18:10: 5	-27:11:10	186481	-0: 6	2:36	B9	8.20	.00	419	170	340	3756	3.0L	1252.000
462	248	132	18:10: 6	-22:28:10	186474	0:13	-0:10	A0	9.10	.00	344	11	313	282?L	3.0L	94.000
463	258	137	18:10: 7	-22:41:28	186489	-0:16	2:27	B2	8.60	.00	375	170	318	3978	3.0L	1326.000
464	464	205	18:10:11	-27:11: 3	186481	0: 0	2:42	B9	8.20	.00	290	221	88	14993 H	30.0C	499.767
465	680	310	18:10:14	-32:19:18	209862	0:18	4:51	B8	9.32	9.14	357	6	329	152?	3.0L	50.667
466	225	124	18:10:16	-21:58:37	186487	-0: 5	4:39	A0	9.20	.00	344	27	306	812	3.0L	270.667
467	557	263	18:10:17	-29:30:52							380	65	338	2142?	3.0L	714.000
468	730	309	18:10:18	-33:16:36	2098887	-0:27	-1:40	B9	8.21	7.82	167	24	85	1106 L	30.0C	36.867
469	665	305	18:10:19	-31:59:27	209873	-0: 3	-0:32	B8	6.64	.00	423	61	336	3116	3.0L	1038.667
470	777	329	18:10:19	-34:18:28	2098857	-0:24	-0:13	B8	7.85	7.37	236	74	84	6576	30.0C	219.200
471	673	287	18:10:20	-31:58:43	209873	-0: 2	0:11	B8	6.64	.00	342	161	80	17728	30.0C	590.933
472	960	425	18:10:24	-38:24: 7	209880	-0:16	1:30	A0	7.14	.00	296	25	258	696	3.0L	232.000
473	265	121	18:10:24	-22:41:12	186489	0: 1	2:43	B2	8.60	.00	221	120	104	7266 H	30.0C	242.200
474	340	178	18:10:25	-24:34:40	186490	-0: 5	1:52	A0	8.60	.00	358	22	327	546?	3.0L	182.000
475	888	396	18:10:28	-36:52:47	209883	-0:14	0:26	B5	8.36	8.00	339	30	283	1111 L	3.0L	370.333
476	317	169	18:10:29	-24: 4:24							360	33	320	989?	3.0L	329.667
477	485	238	18:10:29	-27:53:30	186488	0: 6	0:59	A0	9.30	.00	364	10	331	279?	3.0L	93.000
478	228	128	18:10:30	-22: 3:47	186487	0: 9	-0:32	A0	9.20	.00	350	24	316	544?	3.0L	181.333
479	595	280	18:10:32	-30:24:48	209887	-0:13	1:21	A2	9.22	9.08	367	5	337	116?	3.0L	38.667
480	363	190	18:10:33	-25: 7:29	186484	0:16	2:26	A2	7.70	.00	355	20	319	527?	3.0L	175.667
481	332	177	18:10:35	-24:24:55	186499	-0:15	0:38	A0	9.30	.00	345	5	310	147?L	3.0L	49.000
482	931	394	18:10:35	-37:37:26	2098767	0: 9	3:26	B9	9.70	9.37	124	81	76	2613	30.0C	87.100
483	931	394	18:10:35	-37:37:26	209886	-0: 9	0:44	A0	7.70	7.42	124	81	76	2613	30.0C	87.100
484	768	349	18:10:36	-34:19:33	209885	-0: 7	-1:18	B8	7.85	7.37	383	37	314	1455 L	3.0L	485.000
485	371	194	18:10:38	-25:18:35	1865067	-0:25	0:59	B5	8.50	.00	360	11	326	326 L	3.0L	108.667
486	720	330	18:10:39	-33:15:15	209888	-0: 6	-0:18	B9	8.21	7.82	364	16	329	400	3.0L	133.333
487	968	410	18:10:42	-38:25:41	209880	0: 1	-0: 4	A0	7.14	.00	228	135	82	1003?	30.0C	334.467
488	895	381	18:10:42	-36:52:45	209883	-0: 0	0:29	B5	8.36	8.00	227	165	82	10420	30.0C	347.333
489	370	197	18:10:50	-25:18:18	186506	-0:12	1:16	B5	8.50	.00	402	67	329	2321	3.0L	773.667
490	466	236	18:10:51	-27:29:52	186505	-0:11	1:12	B9	7.50	.00	405	75	342	2322	3.0L	774.000
491	474	217	18:10:52	-27:29:18	186505	-0:10	1:46	B9	7.50	.00	312	122	91	11671	30.0C	389.033
492	330	180	18:10:55	-24:23:54	186499	0: 4	1:39	A0	9.30	.00	358	10	322	293?L	3.0L	97.667
493	305	147	18:10:55	-23:38:14	186492	0:20	4:23	A0	9.50	.00	125	44	91	1099?	30.0C	36.633
494	689	321	18:10:56	-32:34:52	209895	-0:12	-1:29	A0	8.94	8.65	353	6	327	136?L	3.0L	45.333
495	378	179	18:10:56	-25:18:14	186506	-0: 7	1:20	B5	8.50	.00	273	112	91	9292	30.0C	309.733
496	342	187	18:11: 2	-24:40:30	186490?	0:32	-3:58	A0	8.60	.00	364	82	317	2531?	3.0L	843.667
497	595	287	18:11: 5	-30:27:31	209887	0:20	-1:22	A2	9.22	9.08	368	14	333	433?	3.0L	144.333
498	368	200	18:11:10	-25:17:17	186506	0: 7	2:17	B5	8.50	.00	379	25	336?	269?L	3.0L	89.667
499	284	164	18:11:13	-23:24:18	186516	-0:16	0: 1	B8	9.10	.00	341	7	314	169?L	3.0L	56.333
500	502	254	18:11:17	-28:21:47	186514	-0:11	0:50	B8	9.00	.00	377	29	343	657	3.0L	219.000

SGR OVEREXP RA 18:34 DEC -30:24

OBJECT NO.	X	Y	R.A.	DEC.	SAO NO.	Δ R.A.	Δ DEC.	SPEC. TYPE	V MAG.	P MAG.	PEAK DEN.	NO. OF POINTS	BG	DENSITY VOLUME	EXP.& FILTER	DEN.VOL/ EXP.
501	689	325	18:11:18	-32:36:41	209895	0:11	-3:19	A0	8.94	8.65	352	7	323	1717L	3.0L	57.000
502	516	239	18:11:21	-28:29:34	186524?	-0:22	-0:46	B9	9.20	.00	131	38	93	1132	30.0C	37.733
503	713	335	18:11:22	-33: 9:20	209900	-0: 2	0: 3	B2	8.30	7.89	424	63	324	3356	3.0L	1118.667
504	561	256	18:11:23	-29:31:40	186511/	0: 0	1:50	A0	9.30	.00	124	44	84	1203	30.0C	40.100
505	561	256	18:11:23	-29:31:40	186513/	-0: 2	1:26	A0	9.10	.00	124	44	84	1203	30.0C	40.100
506	522	263	18:11:24	-28:49:19	186512	0: 1	1:57	B8	8.00	.00	411	33	340	1458	3.0L	486.000
507	214	134	18:11:25	-21:51:21	NO						345	6	313	173	3.0L	57.667
508	355	198	18:11:25	-25: 1:13	186503?	0:27	1:45	B9	9.20	.00	362	40	339?	867L	3.0L	28.867
509	508	258	18:11:26	-28:30:38	186524	-0:17	-1:50	B9	9.20	.00	376	15	331	534	3.0L	178.000
510	261	157	18:11:30	-22:53:52	NO						336	6	310	140	3.0L	46.667
511	509	238	18:11:30	-28:20:54	186514	0: 3	1:44	B8	9.00	.00	171	56	95	2710	30.0C	90.333
512	269	161	18:11:33	-23: 6: 1	186522/	-0: 4	1:57	A0	9.50	.00	339	11	306	2933L	3.0L	97.667
513	269	161	18:11:33	-23: 6: 1	186526/	-0:13	-2: 1	A5	9.00	.00	339	11	306	293?	3.0L	97.667
514	255	155	18:11:36	-22:46:29	NO						347	33	305	1048	3.0L	349.333
515	410	223	18:11:38	-26:17:17	186510	0:17	-4:23	A5	8.60	.00	367	95	329	2073?	3.0L	691.000
516	281	168	18:11:40	-23:22:33	186516	0:10	1:46	B8	9.10	.00	344	11	310	3087L	3.0L	102.667
517	529	248	18:11:40	-28:50: 2	186512	0:18	1:14	B8	8.00	.00	252	106	100	6694	30.0C	223.133
518	220	118	18:11:41	-21:48:21	NO						138	21	96	624	30.0C	20.800
519	317	162	18:11:41	-23:59:24	186534	-0:22	1:27	B8	8.38	.00	135	64	84	2258	30.0C	75.267
520	633	308	18:11:43	-31:23:16	209904	0: 4	0:45	B8	8.69	8.26	366	12	335	284 L	3.0L	94.667
521	719	321	18:11:43	-33: 8:46	209900	0:18	0:38	B2	8.30	7.89	362	272	80	30783 H	30.0C	1026.100
522	719	321	18:11:43	-33: 8:43	209900	0:18	0:41	B2	8.30	7.89	362	142	79	15166	30.0C	505.533
523	785	348	18:11:49	-34:36:29	209916	-0:19	0:12	B8	6.85	.00	317	121	81	13442	30.0C	448.067
524	641	291	18:11:50	-31:23: 1	209904	0:10	1: 1	B8	8.69	8.26	144	53	84	2145	30.0C	71.500
525	239	151	18:11:52	-22:26:40	186539	-0:12	1: 4	B5	9.00	.00	382	116	304	4377 H	3.0L	1459.000
526	308	183	18:11:53	-23:59:35	186534	-0:10	1:17	B8	8.38	.00	356	53	311	1728	3.0L	576.000
527	953	417	18:11:55	-38:12:49	NO						109	84	71	1854	30.0C	61.800
528	777	367	18:11:59	-34:38:15	209916	-0: 9	-1:35	B8	6.85	.00	396	38	312	1843 L	3.0L	614.333
529	246	134	18:11:59	-22:25:30	186539	-0: 5	2:13	B5	9.00	.00	277	275	94	18041 H	30.0C	601.367
530	649	319	18:12:10	-31:47: 2	209906	0:30	-1:31	A0	9.66	9.58	379	23	332	696 H	3.0L	232.000
531	875	389	18:12:10	-36:34:26	209922	-0:17	1: 2	B3	7.00	.00	385	345	76	39148	30.0C	1304.933
532	236	155	18:12:11	-22:25:38	186539	0: 7	2: 6	B5	9.00	.00	350	28	305	8497L	3.0L	283.000
533	656	302	18:12:11	-31:46:18	2099067	0:31	-0:47	A0	9.66	9.58	136	55	78	2129 H	30.0C	70.967
534	831	371	18:12:11	-35:38:25	209923	-0:18	0:51	A0	7.40	7.21	99	21	73	485 L	30.0C	16.167
535	306	187	18:12:15	-24: 0: 9	186534/	0:13	0:43	B8	8.38	.00	345	16	307	4827L	3.0L	160.667
536	306	187	18:12:15	-24: 0: 9	186545/	-0: 3	-1:32	A0	9.20	.00	345	16	307	4827L	3.0L	160.667
537	866	407	18:12:17	-36:34:40	209922	-0:11	0:48	B3	7.00	.00	434	113	283	8832	3.0L	2944.000
538	708	343	18:12:18	-33: 7: 7	209919	-0: 5	-0:37	B9	6.87	.00	395	34	323	1361 L	3.0L	453.667
539	266	170	18:12:19	-23: 5:59	186548	-0: 9	2: 3	B5	8.70	.00	342	17	308	4397L	3.0L	146.333
540	485	261	18:12:23	-28: 4:29	186549	-0: 7	1:19	B8	8.50	.00	393	56	340	1522	3.0L	507.333
541	378	199	18:12:27	-25:27:17	186559	-0:26	1:22	B8	9.30	.00	114	17	83	4362L	30.0C	145.533
542	307	191	18:12:29	-24: 2:37	186545	0:11	-3:59	A0	9.20	.00	344	9	313	1947L	3.0L	64.667
543	274	154	18:12:29	-23: 6:23	186548	0: 1	1:39	B5	8.70	.00	117	13	92	2967L	30.0C	9.933
544	250	166	18:12:34	-22:46: 8	186547	0:13	-0:46	B9	8.80	.00	337	16	306	3757L	3.0L	125.000
545	369	218	18:12:34	-25:27: 4	186559	-0:19	1:35	B8	9.30	.00	361	77	311	22487	3.0L	749.333
546	409	235	18:12:36	-26:22: 7	186550	0: 3	-1:27	A5	8.50	.00	356	10	320	306?	3.0L	102.000
547	492	245	18:12:36	-28: 3:36	186549	0: 7	2:13	B8	8.50	.00	220	106	85	6581 H	30.0C	219.367
548	492	245	18:12:36	-28: 3:36	1865607	-0:22	3:20	A0	8.80	.00	220	106	85	6581 H	30.0C	219.367
549	388	205	18:12:38	-25:41:36	186561	-0:20	1:52	B9	9.40	.00	112	13	82	321?	30.0C	10.700
550	372	221	18:12:43	-25:31:54	186559	-0:10	-3:15	B8	9.30	.00	346	10	311	2777L	3.0L	92.333
551	336	186	18:12:49	-24:31:48							115	39	83	999?	30.0C	33.133
552	393	209	18:12:49	-25:49:12	186561?	-0: 8	-5:44	B9	9.40	.00	114	15	83	372?L	30.0C	12.400
553	393	209	18:12:49	-25:49:12	186564?	-0:21	3:40	A0	9.20	.00	114	15	83	372?L	30.0C	12.400
554	537	265	18:12:50	-29: 6:34	186556/	0: 4	3:47	B8	8.60	.00	214	168	82	9890	30.0C	329.667
555	537	265	18:12:50	-29: 6:34	186562/	-0:14	1: 7	B8	9.00	.00	214	168	82	9890	30.0C	329.667
556	528	283	18:12:51	-29: 6: 2	186556	0: 5	4:19	B8	8.60	.00	398	126	331	4628 H	3.0L	1542.667
557	528	283	18:12:51	-29: 6: 2	186562?	-0:12	1:39	B8	9.00	.00	398	126	331	4628 H	3.0L	1542.667
558	619	316	18:12:51	-31: 9:58	209933	-0: 6	0:39	B5	7.60	.00	396	28	332	1053 L	3.0L	351.000
559	984	439	18:12:51	-38:56:45	209934	-0: 5	-0:28	B5	8.96	8.67	109	53	72	1408 L	30.0C	46.933
560	881	399	18:12:55	-36:45:55	209924?	0:26	0:60	B8	8.25	7.96	107	5	76	1312L	30.0C	4.367
561	451	256	18:12:60	-27:21:52	186566	-0:15	4: 1	B9	9.30	.00	355	17	329	3227L	3.0L	107.333
562	371	225	18:13: 1	-25:32: 2	186559/	0: 8	-3:23	B8	9.30	.00	364	41	312	1290	3.0L	430.000
563	371	225	18:13: 1	-25:32: 2	186565/	-0:12	1:59	B8	8.80	.00	364	41	312	1290	3.0L	430.000
564	288	167	18:13: 1	-23:28:58							120	23	90	551?	30.0C	18.367
565	564	277	18:13: 2	-29:45:18	186572?	-0:26	1:13	A2	8.80	.00	134	14	81	457?	30.0C	15.467
566	378	228	18:13: 3	-25:41:33	186561	0: 4	1:56	B9	9.40	.00	356	53	323	10377	3.0L	345.667
567	296	194	18:13: 5	-23:51: 5							353	63	307	1647?	3.0L	549.000
568	964	454	18:13: 5	-38:43: 3	209935	0: 7	-2: 3	A2	8.82	8.74	293	15	248	503?	3.0L	167.667
569	379	207	18:13: 6	-25:31:56	186559?	0:13	-3:17	B8	9.30	.00	141	100	82	3424	30.0C	114.133
570	379	207	18:13: 6	-25:31:56	186565	-0: 7	2: 5	B8	8.80	.00	141	100	82	3424	30.0C	114.133
571	573	302	18:13: 7	-30: 7:56	209938	0: 0	0:37	B3	8.87	8.54	392	23	332	866 L	3.0L	288.667
572	522	263	18:13: 9	-28:48: 2							201	19	84	1072?	30.0C	35.733
573	592	289	18:13:10	-30:23:37	209941	-0: 8	1:46	B8	7.69	7.28	198	71	89	4284	30.0C	142.800
574	975	460	18:13:12	-38:56:47	209934	0:15	-0:30	B5	8.96	8.67	273	8	244	212 L	3.0L	70.667
575	583	308	18:13:16	-30:23:34	209941	-0: 1	1:48	B8	7.69	7.28	391	54	331	1658	3.0L	550.000
576	451	238	18:13:16	-27:11:52	186567	-0: 0	2:26	B8	9.20	.00	105	4	80	917L	30.0C	3.033
577	625	302	18:13:16	-31: 9:52	209933	0:19	0:44	B5	7.60	.00	249	125	78	9542	30.0C	318.067
578	387	214	18:13:20	-25:45: 5	186561?	0:21	-1:37	B9	9.40	.00	120	54	94	926?	30.0C	30.867
579	387	214	18:13:20	-25:45: 5	186564?	0:10	7:47	A0	9.20	.00	120	54	94	926?	30.0C	30.867
580	579	286	18:13:20	-30: 6:58	209938	0:14	1:35	B3	8.87	8.54	208	142	88	7224	30.0C	240.800
581	204	156	18:13:22	-21:49:28							328	36	293	887?	3.0L	295.667
582	445	258	18:13:22	-27:15:42	186567	0: 6	-1:23	B8	9.20	.00	353	18	319	498?	3.0L	166.000
583	555	298	18:13:22	-29:44:57	186572	-0: 6	1:34	A2	8.80	.00	370	30	329	929	3.0L	309.667
584	343	219	18:13:30	-24:57: 5	186571	0: 8	3:36	B8	9.20	.00	348	25	295	859?	3.0L	286.333
585	353	224	18:13:31	-25:10:31	186581	-0:17	-0: 1	A0	9.20	.00	371	7	318	214 L	3.0L	71.333
586	558	302	18:13:37	-29:50:16	186572/	0: 9	-3:44	A2	8.80	.00	395	18	332	677	3.0L	225.667
587	558	302	18:13:37	-29:50:16	186576/	0: 0	2:23	B8	9.00	.00	395	18	332	677	3.0L	225.667
588	552	301	18:13:39	-29:42:19	186572	0:11	4:13	A2	8.80	.00	358	5	330	122?L	3.0L	40.867
589	207	148	18:13:46	-21:44:31							109	10	84	222?	30.0C	7.400
590	629	310	18:13:46	-31:17:42	209953	-0:16	1:16	B8	7.37	.00	257	139	76	10788	30.0C	359.600
591	298	203	18:13:47	-23:57:18	186587	-0:16	2:25	B9	9.20	.00	333	4	305	102?L	3.0L	34.000
592	402	225	18:13:47	-26: 7:28							119	6	82	194?	30.0C	6.467
593	399	224	18:13:48	-26: 3:31							131	16	82	590?	30.0C	19.667
594	565	287	18:13:49	-29:50:29	186572/	0:21	-3:57	A2	8.80	.00	279	172	82	12795 H	30.0C	426.500
595	565	287	18:13:49	-29:50:29	186576/	0:12	2:10	B8	9.00	.00	279	172	82	12795 H	30.0C	426.500
596	694	356	18:13:53	-32:57:16	209952	-0: 7	0:13	B8	8.32	7.90	392	39	314	1707	3.0L	569.000
597	941	434	18:13:54	-38: 7:24	209948	0: 8	1:26	B9	9.24	8.83	101	41	68	1135	30.0C	37.833
598	702	338	18:13:54	-32:56:27	209952	-0: 6	1: 2	B8	8.32	7.90	219	35	717	3668	30.0C	122.267
599	257	188	18:14: 0	-23: 3:58	186579	0:14	-4:18	B8	9.40	.00	323	9	299	1877L	3.0L	62.333
600	620	329	18:14: 0	-31:16:58	209953	-0: 2	2: 0	B8	7.37	.00	388	35	328	1249 L	3.0L	416.333

SGR OVEREXP RA 18:34 DEC -30:24

OBJECT NO.	X	Y	R.A.	DEC.	SAO NO.	Δ R.A.	Δ DEC.	SPEC. TYPE	V MAG.	P MAG.	PEAK DEN.	NO. OF POINTS	BG	DENSITY VOLUME	EXP.& FILTER	DEN.VOL/ EXP.
601	746	379	18:14: 6	-34: 8: 8	209959/	-0:11	-0:33	B5	6.10	.00	442	130	310	8923 L	3.0L	2974.333
602	746	379	18:14: 6	-34: 8: 8	209961/	-0:16	-1:44	A0	8.70	8.26	442	130	310	8923 H	3.0L	2974.333
603	715	367	18:14:10	-33:26:51	209966	-0:23	-1:55	B8	7.02	.00	342	9	307	244 L	3.0L	81.333
604	820	388	18:14:10	-35:34:27	209954	0: 7	0: 8	B9	9.39	9.04	123	58	75	1862	30.0C	62.067
605	298	209	18:14:11	-24: 0:37	186587	0: 8	-0:54	B9	9.20	.00	336	8	301	209?L	3.0L	69.667
606	753	362	18:14:13	-34: 7:44	209959/	-0: 4	-0: 9	B5	6.10	.00	398	336	85	40192	30.0C	1339.733
607	753	362	18:14:13	-34: 7:44	209961/	-0: 9	-1:20	A0	8.70	8.26	398	336	85	40192 H	30.0C	1339.733
608	260	192	18:14:15	-23: 9:10	186586	0:12	4:45	A0	9.30	.00	335	24	295	717?	3.0L	239.000
609	482	283	18:14:19	-28:11:26	186599	-0: 9	-4:15	A0	8.60	.00	359	17	329	406?	3.0L	135.333
610	624	335	18:14:19	-31:23:54	209953	0:18	-4:56	B8	7.37	.00	349	11	318	261?L	3.0L	87.000
611	469	279	18:14:20	-27:52:44	186598/	-0: 6	0:22	B9	8.20	.00	385	32	325	1303	3.0L	434.333
612	469	279	18:14:20	-27:52:44	186601/	-0:12	2:19	B9	8.60	.00	385	32	325	1303	3.0L	434.333
613	521	298	18:14:20	-29: 4: 0	NO						364	7	329	202	3.0L	67.333
614	273	178	18:14:20	-23:15:47	186586/	0:18	-1:52	A0	9.30	.00	289	226	88	16969 H	30.0C	565.633
615	273	178	18:14:20	-23:15:47	186608/	-0:25	2: 2	B8	8.00	.00	289	226	88	16969 H	30.0C	565.633
616	476	260	18:14:21	-27:52: 7	186598/	-0: 5	0:59	B9	8.20	.00	238	131	83	8910	30.0C	297.000
617	476	260	18:14:21	-27:52: 7	186601/	-0:11	2:56	B9	8.60	.00	238	131	83	8910	30.0C	297.000
618	506	293	18:14:24	-28:44: 7	186594	0:10	-3:50	A3	6.04	.00	350	5	322	128?L	3.0L	42.667
619	570	317	18:14:27	-30:11:49	209964	-0: 4	0:44	B9	9.52	9.33	371	11	325	389	3.0 L	129.667
620	358	216	18:14:27	-25:11:58	186614?	-0:29	-5:54	A0	8.90	.00	101	9	75	210?	30.0C	7.000
621	731	378	18:14:32	-33:50: 6	209973	-0:28	-2:34	B9	9.01	8.61	333	6	305	151 L	3.0L	50.333
622	712	370	18:14:33	-33:24:40	209966	-0: 0	0:16	B8	7.02	.00	403	38	316	1872 L	3.0L	624.000
623	265	199	18:14:34	-23:18:43	186608	-0:12	-0:55	B8	8.00	.00	376	127	293	4745	3.0L	1581.667
624	855	407	18:14:34	-36:21:42	209970	-0:19	0:45	B8	9.09	8.53	198	85	72	6341 H	30.0C	211.367
625	277	205	18:14:36	-23:34:50	186602	0: 3	1:45	A0	8.70	.00	343	38	297	1261?	3.0L	420.333
626	348	235	18:14:36	-25:10:36	186614	-0:20	-4:32	A0	8.90	.00	343	28	303	900?	3.0L	300.000
627	737	360	18:14:36	-33:48: 5	209973?	-0:25	-0:33	B9	9.01	8.61	120	43	80	1280	30.0C	42.667
628	475	285	18:14:38	-28: 3:37	186599	0:10	3:34	A0	8.60	.00	356	14	327	340?L	3.0L	113.333
629	385	251	18:14:41	-26: 0:31							349	35	306	1109?	3.0L	369.667
630	527	304	18:14:41	-29:13:44	186607	-0: 5	2:54	B8	8.50	.00	375	18	325	584	3.0L	194.667
631	481	288	18:14:42	-28:12: 0	186599	0:14	-4:50	A0	8.60	.00	357	21	326	502?	3.0L	167.333
632	847	426	18:14:45	-36:23:29	209970	-0: 8	-1: 2	B8	9.09	8.53	341	35	283	1354	3.0L	451.333
633	535	287	18:14:45	-29:14:41	186607	-0: 1	1:56	B8	8.50	.00	202	71	94	3854	30.0C	128.467
634	719	355	18:14:46	-33:24:44	209966	0:12	0:12	B8	7.02	.00	295	123	76	11835	30.0C	394.500
635	555	294	18:14:47	-29:41:48	186615	-0: 9	2: 9	B9	8.70	.00	146	58	78	2485	30.0C	82.833
636	352	218	18:14:49	-25: 5:48	186614	-0: 7	0:16	A0	8.90	.00	108	28	74	756 L	30.0C	25.200
637	286	190	18:14:50	-23:36:46	186602/	0:16	-0:11	A0	8.70	.00	115	13	89	297?L	30.0C	9.900
638	286	190	18:14:50	-23:36:46	186617/	-0:14	3:37	B9	9.10	.00	115	13	89	297?L	30.0C	9.900
639	448	277	18:14:52	-27:27: 7	186616	-0: 8	0:47	B9	9.40	.00	364	23	321	672	3.0L	224.000
640	547	313	18:14:52	-29:42:55	186615	-0: 4	1: 2	B9	8.70	.00	366	7	323	222 L	3.0L	74.000
641	205	176	18:14:54	-21:59:48	186622?	-0:21	1:36	A0	9.40	.00	319	13	283	361?	3.0L	120.333
642	279	210	18:14:58	-23:39:18	186617	-0: 6	1: 5	B9	9.10	.00	343	22	298	668?	3.0L	222.667
643	312	225	18:15: 1	-24:23:24	186620	-0:10	-0:51	B9	9.10	.00	329	8	308	137?L	3.0L	45.667
644	343	239	18:15: 1	-25: 6: 2	186614	0: 5	0: 2	A0	8.90	.00	344	9	306	276 L	3.0L	92.000
645	397	239	18:15: 3	-26: 8:25	NO						115	31	79	852	30.0C	28.400
646	764	376	18:15: 3	-34:26:26	NO						113	32	84	718	30.0C	23.933
647	389	258	18:15: 5	-26: 7:49	NO						350	8	314	246	3.0L	82.000
648	769	398	18:15: 5	-34:43:35	209978	-0: 6	-1:11	B8	6.86	.00	409	46	304	2672	3.0L	890.667
649	776	381	18:15: 6	-34:42:43	209978	-0: 4	-0:19	B8	6.86	.00	333	256	84	22858	30.0C	761.933
650	314	227	18:15: 7	-24:26:36	186620	-0: 3	-4: 3	B9	9.10	.00	336	7	293	237?	3.0L	79.000
651	621	322	18:15: 8	-31:13:37	209983?	-0:28	1:20	A0	8.90	8.74	97	4	75	85?L	30.0C	2.833
652	212	161	18:15:10	-21:59:26	186622	-0: 4	1:58	A0	9.40	.00	108	8	83	187?L	30.0C	6.233
653	230	193	18:15:15	-22:35:53	186627	-0:21	-1:48	A0	8.80	.00	313	5	289	106 L	3.0L	35.333
654	499	300	18:15:16	-28:38:56	186621	0: 5	1:36	A2	8.90	.00	354	12	329	221?L	3.0L	73.667
655	318	210	18:15:18	-24:22:59	186620/	0: 8	-0:26	B9	9.10	.00	121	54	78	1658	30.0C	55.267
656	318	210	18:15:18	-24:22:59	186630/	-0:18	1:39	B8	9.40	.00	121	54	78	1658	30.0C	55.267
657	447	282	18:15:20	-27:28: 8	186616	0:20	-0:13	B9	9.40	.00	349	12	319	308?	3.0L	102.667
658	311	230	18:15:22	-24:25: 7	186620/	0:11	-2:34	B9	9.10	.00	343	24	294	820	3.0L	273.333
659	311	230	18:15:22	-24:25: 7	186630/	-0:15	-0:29	B8	9.40	.00	343	24	294	820	3.0L	273.333
660	199	181	18:15:23	-21:55:42	186622?	0: 9	5:42	A0	9.40	.00	318	16	283	442?	3.0L	147.333
661	755	396	18:15:23	-34:26:17	NO						336	8	307	193	3.0L	64.333
662	236	175	18:15:24	-22:33:29	186627	-0:12	0:36	A0	8.80	.00	135	70	81	260!	30.0C	86.700
663	251	204	18:15:26	-23: 4:32	186625	0: 2	-0:34	A0	9.30	.00	335	32	291	932?	3.0L	310.667
664	597	318	18:15:30	-30:43: 6							95	10	74	199?	30.0C	6.633
665	229	196	18:15:32	-22:35:59	186627	-0: 4	-1:54	A0	8.80	.00	327	44	288	1012?	3.0L	337.333
666	612	344	18:15:32	-31:14:56	209983	-0: 4	0: 1	A0	8.90	8.74	344	17	315	417?	3.0L	139.000
667	254	187	18:15:40	-22:58:38	186639	-0:19	-0:23	B9	9.20	.00	122	55	82	1575?	30.0C	52.500
668	411	275	18:15:49	-26:42:15	186637	-0:10	3:20	A0	9.10	.00	356	27	313	785?	3.0L	261.667
669	477	299	18:15:49	-28:12: 6	186635	-0: 5	2: 5	B9	9.10	.00	377	34	322	1113	3.0L	371.000
670	270	218	18:15:51	-23:31:47							324	48	280	1496?	3.0L	498.667
671	245	207	18:15:52	-22:58:49	186639	-0: 7	-0:34	B9	9.20	.00	324	22	290	551?	3.0L	187.000
672	484	283	18:15:60	-28:12:20	186635	0: 6	1:51	B9	9.10	.00	149	64	80	2727	30.0C	90.900
673	519	295	18:15:60	-28:59:19	186642	-0:14	1:58	A0	8.50	.00	181	71	82	3876 H	30.0C	129.200
674	917	446	18:16: 2	-37:46:38	209993?	-0:21	-9:14	A2	8.89	8.65	93	6	73	118?L	30.0C	3.933
675	259	216	18:16: 7	-23:18:31	186648	-0:21	1:22	A2	9.30	.00	323	49	280	1569?H	3.0L	523.000
676	510	315	18:16: 7	-28:59:14	186642	-0: 7	2: 2	A0	8.50	.00	356	9	328	183 L	3.0L	61.000
677	365	262	18:16:11	-25:42:31	NO						348	39	304	1153	3.0L	384.333
678	410	279	18:16:12	-26:42:48	186637	0:13	2:47	A0	9.10	.00	345	6	309	175?L	3.0L	58.333
679	371	245	18:16:20	-25:40: 0	NO						119	39	76	1216	30.0C	40.533
680	493	290	18:16:20	-28:26: 0	186652	-0:12	1:53	B8	9.10	.00	138	49	84	1697	30.0C	56.567
681	486	309	18:16:24	-28:27: 6	186652	-0: 7	0:47	B8	9.10	.00	361	32	318	992 H	3.0L	330.667
682	965	469	18:16:25	-38:49: 2	209999	-0:17	0:59	B8	9.60	9.29	107	66	67	1892	30.0C	63.067
683	645	367	18:16:31	-32: 4: 1	209990	0:18	0:51	A0	9.47	9.38	343	23	306	710?	3.0L	236.667
684	323	228	18:16:31	-24:35:40	186661	-0:25	1:36	B9	9.60	.00	123	51	77	1678	30.0C	55.933
685	254	220	18:16:34	-23:15:33	186648	0: 7	4:21	A2	9.30	.00	322	34	278	1076?	3.0L	358.667
686	826	437	18:16:38	-36: 5:30	209995/	-0: 0	-3:40	A5	9.15	9.26	353	34	281	1510 H	3.0L	503.333
687	826	437	18:16:38	-36: 5:30	209996/	-0: 2	-2: 0	B8	8.67	8.26	353	34	281	1510	3.0L	503.333
688	767	415	18:16:41	-34:48:20	210002	-0: 8	-0:31	B9	7.81	7.35	375	38	291	1868	3.0L	622.667
689	337	236	18:16:44	-24:56:39	186665	-0:21	1:19	B9	9.00	.00	113	38	75	1073	30.0C	35.767
690	665	356	18:16:44	-32:21:38	210001/	-0: 4	1:46	B9	9.39	9.19	237	169	74	10761	30.0C	358.700
691	665	356	18:16:44	-32:21:38	210003/	-0: 7	0:13	B8	8.90	8.56	237	169	74	10761	30.0C	358.700
692	665	356	18:16:44	-32:21:38	210004?	-0:12	2:10	B8	8.77	8.56	237	169	74	10761	30.0C	358.700
693	665	356	18:16:44	-32:21:38	210009?	-0:17	0:21	B8	8.29	7.89	237	169	74	10761	30.0C	358.700
694	315	249	18:16:47	-24:37:30	186661	-0: 9	-0:15	B9	9.60	.00	325	15	299	298	3.0L	99.333
695	328	255	18:16:48	-24:54:53	186665	-0:18	3: 5	B9	9.00	.00	341	16	296	526	3.0L	175.333
696	444	299	18:16:49	-27:32:44	186653	0:14	-1: 4	A2	8.40	.00	337	5	313	111?L	3.0L	37.000
697	804	410	18:16:49	-35:26:46	210005	-0: 7	0:18	B9	6.72	.00	351	150	73	18926	30.0C	630.867
698	832	421	18:16:49	-36: 2:44	209995/	0:11	-0:55	A5	9.15	9.26	216	114	72	7974	30.0C	265.800
699	832	421	18:16:49	-36: 2:44	209996/	0: 9	0:45	B8	8.67	8.26	216	114	72	7974	30.0C	265.800
700	181	192	18:16:50	-21:40:36	186659	-0: 1	4:43	A0	9.20	.00	307	16	274	443?	3.0L	147.667

SGH OVERLXP RA 18:34 DEC -30:24

OBJECT NO.	X	Y	R.A.	DEC.	SAO NO.	Δ R.A.	Δ DEC.	SPEC. TYPE	V MAG.	P MAG.	PEAK DEN.	NO. OF POINTS	BG	DENSITY VOLUME	EXP.& FILTER	DEN.VOL/ EXP.
701	776	420	18:16:50	-35: 1: 6	210008	-0:10	-1: 1	B8	9.42	9.03	336	15	294	445	3.0L	148.333
702	221	210	18:16:51	-22:33:19	186655	0:13	-0:17	A5	9.20	.00	312	16	284	367?	3.0L	122.333
703	796	428	18:16:54	-35:28: 3	210005	-0: 2	-0:59	B9	6.72	.00	410	84	292	3734	3.0L	1244.667
704	224	212	18:16:55	-22:37:39	186655	0:17	-4:37	A5	9.20	.00	311	35	281	624?H	3.0L	274.667
705	657	376	18:16:56	-32:22: 8	210001/	0: 8	1:15	B9	9.39	9.19	376	35	306	1391	3.0L	463.667
706	657	376	18:16:56	-32:22: 8	210003/	0: 6	-0:18	B8	8.90	8.56	376	35	306	1391	3.0L	463.667
707	657	376	18:16:56	-32:22: 8	210004/	0: 1	1:39	B8	8.77	8.56	376	35	306	1391	3.0L	463.667
708	657	376	18:16:56	-32:22: 8	210008/	-0: 5	-0: 9	B8	8.29	7.99	376	35	306	1391	3.0L	463.667
709	387	280	18:16:57	-26:15:42	186663	-0: 2	-3:55	B9	8.70	.00	334	5	307	1137L	3.0L	37.667
710	783	403	18:16:57	-35: 0:40	210008	-0: 3	-0:35	B8	9.42	9.03	126	46	80	1487	30.0C	49.567
711	382	279	18:17: 1	-26: 9:23	186663	0: 3	2:24	B9	8.70	.00	331	5	305	1157L	3.0L	38.333
712	204	205	18:17: 3	-22:11:53	186675?	-0:21	-1: 6	B8	8.80	.00	309	18	279	433?L	3.0L	144.333
713	782	406	18:17:11	-35: 0:25	210008	0:11	-0:20	B8	9.42	9.03	125	14	73?	507 L	30.0C	16.900
714	358	252	18:17:16	-25:27:17	186679	-0:21	2:24	B9	8.90	.00	128	56	72	2110	30.0C	70.333
715	191	181	18:17:21	-21:45:20	186659	0:30	-0: 0	A0	9.20	.00	109	59	71	1612	30.0C	53.733
716	353	273	18:17:26	-25:32:41	186679	-0:12	-3: 0	B9	8.90	.00	325	4	296	1107L	3.0L	36.867
717	253	231	18:17:27	-23:18:36	186677	-0: 6	2:37	A0	9.40	.00	321	36	283	10227	3.0L	340.867
718	173	197	18:17:30	-21:33:25	186673	0:13	-2:34	A2	9.00	.00	298	7	270	1677L	3.0L	55.867
719	484	301	18:17:31	-28:19:43	186684	-0:20	2:35	A0	8.80	.00	113	33	74	1009?	30.0C	33.833
720	349	274	18:17:39	-25:28:25	186679	0: 1	1:17	B9	8.90	.00	340	35	292	1139	3.0L	379.667
721	255	236	18:17:44	-23:22:37	186677	0:11	-1:24	A0	9.40	.00	312	8	277	248?	3.0L	82.667
722	598	344	18:17:44	-30:56:23	210026	-0:19	1:31	B9	6.98	.00	296	109	70?	11182	30.0C	372.733
723	476	322	18:17:47	-28:21:48	186684	-0: 4	0:38	A0	8.80	.00	363	76	314	2631 H	3.0L	877.000
724	185	184	18:17:47	-21:39:37	186673?	0:31	-8:46	A2	9.00	.00	100	5	71	126?	30.0C	4.200
725	580	359	18:17:49	-30:42:50	210023	-0: 6	-2:56	A3	8.77	8.77	332	7	305	162?	3.0L	54.000
726	251	235	18:17:52	-23:17:57	186677	0:18	3:16	A0	9.40	.00	313	13	277	362?	3.0L	120.667
727	961	504	18:17:57	-39: 2: 2	210022	0:10	0:41	B9	6.70	.00	286	25	240	795 L	3.0L	265.000
728	589	364	18:17:58	-30:55:40	210026	-0: 5	2:15	B9	6.98	.00	403	45	305	2333	3.0L	777.667
729	911	465	18:17:59	-37:48:46							110	14	69	407?	30.0C	13.567
730	876	472	18:18: 1	-37:15:31							344	35	266	1513?	3.0L	504.333
731	717	390	18:18: 2	-33:37:24	210031	-0:11	1: 4	A	9.60	9.23	108	17	72	483	30.0C	16.100
732	969	487	18:18: 4	-39: 1:32	210022	0:17	1:12	B9	6.70	.00	182	139	68	8310 H	30.0C	277.000
733	707	407	18:18: 5	-33:35:53	210031	-0: 8	2:35	A	9.60	9.23	330	12	298	294	3.0L	98.000
734	358	288	18:18: 8	-25:32: 9	186689	0: 1	1:47	A2	9.00	.00	325	8	296	195?	3.0L	65.000
735	645	387	18:18:15	-32:13:32	210027	0:11	-1:14	A3	7.07	.00	331	6	307	133 L	3.0L	44.333
736	645	387	18:18:15	-32:13:32	210032?	0: 1	2:57	B8	8.80	8.56	331	6	307	133 L	3.0L	44.333
737	883	457	18:18:17	-37:14:20	NO						225	137	70	9944	30.0C	331.467
738	908	467	18:18:18	-37:46: 9	210046?	-0:30	0:54	A0	8.83	8.56	113	9	67	288?L	30.0C	9.600
739	179	190	18:18:23	-21:34:43							99	9	70	208?	30.0C	6.933
740	352	284	18:18:25	-25:36:12	186689	0:18	-2:16	A2	9.00	.00	322	6	292	156?	3.0L	52.000
741	644	369	18:18:34	-32: 2: 5	210043	-0: 7	2: 4	A0	8.50	8.31	102	10	68	249?L	30.0C	8.300
742	711	394	18:18:35	-33:33:15	210052?	-0:25	-0: 9	A0	9.35	9.08	125	92	69	3276 H	30.0C	109.200
743	176	192	18:18:37	-21:33:13							107	12	69	338?	30.0C	11.267
744	653	373	18:18:38	-32:14:28	210032?	0:24	2: 1	B8	8.80	8.56	132	48	72	1712 L	30.0C	57.067
745	473	331	18:18:41	-28:22: 0	186704	-0: 9	5:17	A2	6.07	.00	354	56	309	1794 L	3.0L	598.000
746	195	223	18:18:43	-22: 9:40	186710	-0:12	-3:15	A0	9.20	.00	293	8	268	180?L	3.0L	60.000
747	334	281	18:18:44	-25:13:44	186718	-0:18	2: 9	A2	8.80	.00	318	4	269	102?L	3.0L	34.000
748	191	221	18:18:46	-22: 4:36	186710/	-0:10	1:49	A0	9.20	.00	292	4	269	89?L	3.0L	29.667
749	191	221	18:18:46	-22: 4:36	186712/	-0:11	-1:48	A3	8.50	.00	292	4	269	89?L	3.0L	29.667
750	231	239	18:18:47	-22:57:26	186715/	-0:14	-0:39	B8	7.70	.00	375	72	276	3403	3.0L	1134.333
751	231	239	18:18:47	-22:57:26	186717/	-0:14	-0:39	B6	7.06	.00	375	72	276	3403	3.0L	1134.333
752	500	342	18:18:47	-28:58:42	186720	-0:18	-2: 1	B9	9.20	.00	338	4	311	98?L	3.0L	32.667
753	280	260	18:18:49	-24: 2:18	186700	0:15	-1:36	A0	9.10	.00	310	8	282	194?L	3.0L	64.667
754	339	284	18:18:50	-25:20:54	186716	-0:11	2:40	B8	9.00	.00	336	24	288	776	3.0L	258.667
755	339	284	18:18:50	-25:20:54	186718?	-0:12	-5: 1	A2	8.80	.00	336	24	288	776	3.0L	258.667
756	480	336	18:18:54	-28:32:27	186706	0: 1	-2:41	A0	9.40	.00	332	7	306	146?	3.0L	48.667
757	702	415	18:18:55	-33:33: 2	210052	-0: 5	0: 4	A6	9.35	9.08	331	10	294	291	3.0L	97.000
758	210	210	18:18:55	-22:19:20	186719	-0: 8	0: 1	A0	8.60	.00	102	13	78	294?L	30.0C	9.467
759	317	277	18:18:56	-24:52: 3	186722	-0:14	3:47	B8	6.90	.00	317	7	289	162?	3.0L	54.000
760	238	223	18:18:59	-22:56:32	186715/	-0: 2	0:15	B8	7.70	.00	309	185	81	1570?	30.0C	523.367
761	238	223	18:18:59	-22:56:32	186717/	-0: 2	0:15	B8	7.06	.00	309	185	81	1570?	30.0C	523.367
762	482	318	18:18:59	-28:25:25	186704	0: 8	1:52	A2	6.07	.00	112	41	75	1121	30.0C	37.367
763	482	318	18:18:59	-28:25:25	186706?	0: 6	4:20	A0	9.40	.00	112	41	75	1121	30.0C	37.367
764	474	336	18:19: 0	-28:24:54	186704	0:10	2:22	A2	6.07	.00	331	8	301	193?L	3.0L	64.333
765	474	336	18:19: 0	-28:24:54	186706?	0: 7	4:51	A0	9.40	.00	331	8	301	193?	3.0L	64.333
766	495	343	18:19: 2	-28:53:13	186720	-0: 2	3:28	B9	9.20	.00	343	51	289	1725 H	3.0L	575.000
767	307	274	18:19: 4	-24:39:27	186724	-0: 9	-0: 0	A7	9.20	.00	313	4	288	92?	3.0L	30.667
768	385	305	18:19: 5	-26:24:48	186726	-0: 9	1:42	B	7.99	.00	400	71	298	3099	3.0L	1033.000
769	412	315	18:19: 6	-27: 0:57	186730/	-0:13	-4:49	A0	8.80	.00	326	7	301	158?L	3.0L	52.667
770	412	315	18:19: 6	-27: 0:57	186733/	-0:17	-4:46	A6	8.40	.00	326	7	301	158?L	3.0L	52.667
771	463	333	18:19: 6	-28:10:36	186723	-0: 5	2:22	B8	8.50	.00	342	18	311	329?L	3.0L	109.667
772	346	270	18:19: 6	-25:21:33	186716	0: 5	2: 1	B8	9.00	.00	187	37	69	1106 L	30.0C	36.867
773	467	335	18:19: 9	-28:18:11	186723	-0: 3	-3:14	B8	8.50	.00	351	55	302	1888?	3.0L	629.333
774	340	289	18:19:12	-25:25:22	186716	0:11	-1:48	B8	9.00	.00	317	5	289	123?L	3.0L	41.000
775	503	327	18:19:12	-28:54:32	186720	0: 7	2:10	B9	9.20	.00	100	19	70	496?	30.0C	16.533
776	392	289	18:19:16	-26:25: 1	186726	0: 1	1:29	B	7.99	.00	277	122	74	10597	30.0C	353.233
777	202	234	18:19:21	-22:21:57	186719	0:18	-2:37	A0	8.60	.00	297	9	267	229?L	3.0L	76.333
778	406	316	18:19:23	-26:54:17	186730/	0: 4	1:51	A0	8.80	.00	349	32	300	1022	3.0L	340.867
779	406	316	18:19:23	-26:54:17	186733/	-0: 0	1:54	A0	8.40	.00	349	32	300	1022	3.0L	340.867
780	843	474	18:19:26	-36:40:40	210061	-0: 4	1: 1	B8	5.39	.00	436	124	276	9754	3.0L	3251.333
781	992	516	18:19:28	-39:36:24	NO						97	28	67	696	30.0C	23.200
782	548	367	18:19:31	-30: 7:58	210064	-0: 2	1:59	B	8.52	8.07	394	39	308	1780	3.0L	593.333
783	850	458	18:19:35	-36:39: 3	210061	0: 5	2:38	B8	5.39	.00	402	399	70	50873	30.0C	1695.767
784	212	244	18:19:48	-22:37:21	186743	-0:15	0:47	B9	9.00	.00	308	13	269	353	3.0L	117.667
785	555	352	18:19:48	-30: 8:30	210064	0:15	1:27	B	8.52	8.07	275	124	67	10567	30.0C	352.233
786	743	420	18:19:51	-34:21:49	NO						359	171	81	12139	30.0C	404.633
787	220	227	18:19:53	-22:37:11	186743	-0:10	0:57	B9	9.00	.00	114	55	74	1649	30.0C	54.967
788	337	297	18:19:55	-25:24:47	NO						309	7	282	170	3.0L	56.667
789	462	342	18:19:56	-28:13:16							357	98	302	3324?	3.0L	1108.000
790	413	305	18:19:60	-26:56:37	186748	-0:18	2:10	B0	8.80	.00	208	111	80	6581 L	30.0C	219.367
791	437	314	18:20: 1	-27:28:50	186747	-0:16	2:55	A0	8.40	.00	107	29	75	730 L	30.0C	24.333
792	398	322	18:20: 8	-26:48:34	185745	0: 1	-0:38	A0	9.10	.00	326	5	298	122?L	3.0L	40.667
793	404	325	18:20:12	-26:56:56	186748	-0: 6	1:50	B0	8.80	.00	375	62	296	2156 L	3.0L	718.667
794	428	334	18:20:14	-27:29:18	186747	-0: 4	2:35	A0	8.40	.00	339	30	301	726	3.0L	242.000
795	231	258	18:20:19	-23: 4:55	186754	-0:12	0:20	B9	9.00	.00	323	46	268	1440?	3.0L	480.000
796	993	521	18:20:24	-39:46:52	NO						99	14	70	344	30.0C	11.467
797	396	325	18:20:28	-26:47:28	186745	0:20	0:28	A0	9.10	.00	322	4	294	98?L	3.0L	32.667
798	177	238	18:20:30	-21:56: 5	186763	-0:16	0:39	B9	9.00	.00	298	15	257	456	3.0L	152.000
799	299	289	18:20:30	-24:37: 6	186759	-0: 8	1:55	A0	9.20	.00	303	7	279	142?L	3.0L	47.333
800	238	244	18:20:34	-23: 5:34	186754	0: 3	-0:19	B9	9.00	.00	145	86	74	363?	30.0C	121.233

SGR OVEREXP RA 18:34 DEC -30:24

OBJECT NO.	X	Y	R.A.	DEC.	SAO NO.	Δ R.A.	Δ DEC.	SPEC. TYPE	V MAG.	P MAG.	PEAK DEN.	NO. OF POINTS	BG	DENSITY VOLUME	EXP.& FILTER	DEN.VOL/ EXP.
801	435	320	18:20:37	-27:28:58	186747?	0:20	2:47	A0	8.40	.00	103	8	73	192 L	30.0C	6.400
802	310	296	18:20:40	-24:52:34	186765	-0:15	-4:43	B9	9.20	.00	300	5	278	1087L	3.0L	36.000
803	287	287	18:20:42	-24:22:10	186753	0:14	-3:18	A3	9.10	.00	303	4	275	967L	3.0L	32.000
804	481	359	18:20:49	-28:44:14	186761	0: 7	-2:29	B9	9.00	.00	332	5	308	1077L	3.0L	35.667
805	865	497	18:20:50	-37:14:40	210087/	0: 6	-0: 1	B9	9.02	8.60	305	17	265	486	3.0L	162.000
806	865	497	18:20:50	-37:14:40	210098/	-0:16	0:35	A3	7.84	7.71	305	17	265	486	3.0L	162.000
807	872	480	18:20:54	-37:12:38	210087/	0: 9	2: 2	B9	9.02	8.60	144	80	73	3453	30.0C	115.100
808	872	480	18:20:54	-37:12:38	210098/	-0:13	2:38	A3	7.84	7.71	144	80	73	3453	30.0C	115.100
809	366	319	18:20:55	-26: 8:17	NO						335	17	292	530	3.0L	176.667
810	184	225	18:20:57	-21:56:23	186763	0:10	0:21	B9	9.00	.00	133	89	73	3289	30.0C	109.633
811	741	431	18:20:58	-34:24:15	210088/	0:13	-2:36	B9	6.79	.00	425	816	74	122476	30.0C	4082.533
812	741	431	18:20:58	-34:24:15	210091/	0: 7	0:22	A0	1.95	.00	425	816	74	122476	30.0C	4082.533
813	445	349	18:21: 1	-27:55:40							344	59	297	1882?	3.0L	627.333
814	318	303	18:21: 2	-25: 4:55							319	42	275	1391?	3.0L	463.667
815	938	507	18:21: 2	-38:36:12	210097	-0: 5	2:12	B8	8.20	7.87	167	130	66	7188	30.0C	239.600
816	575	373	18:21: 4	-30:41:13	210101	-0: 7	1:46	A0	8.03	7.61	87	8	63	174 L	30.0C	5.800
817	929	526	18:21: 8	-38:40:19	210097	0: 2	-1:55	B8	8.20	7.87	289	13	244	420 L	3.0L	140.000
818	372	305	18:21:13	-26: 7:43	NO						126	52	74	1838	30.0C	61.267
819	389	333	18:21:18	-26:42: 9							334	41	292	1211?	3.0L	403.667
820	380	331	18:21:25	-26:30:39	186780	-0: 8	0:36	A0	8.50	.00	362	49	287	2003 H	3.0L	667.667
821	685	437	18:21:29	-33:22: 1	210102	0:17	-3:29	A0	8.46	8.10	309	4	286	85?L	3.0L	28.333
822	387	314	18:21:32	-26:29:14	186780	-0: 1	2: 1	A0	8.50	.00	168	66	75	3529 H	30.0C	117.633
823	289	300	18:21:40	-24:29:31	186787	-0:20	-2:56	B9	8.60	.00	297	5	272	1067L	3.0L	35.333
824	380	335	18:21:46	-26:32:20	186780	0:13	-1: 5	A0	8.50	.00	317	10	290	2257L	3.0L	75.000
825	813	467	18:21:47	-36: 2:21	NO						109	46	65	1524	30.0C	50.800
826	213	249	18:21:51	-22:38:48	186796?	-0:39	4:19	B8	9.60	.00	95	4	72	86?	30.0C	2.867
827	865	488	18:21:54	-37: 9: 2	210122	-0:13	1:39	B9	8.01	7.70	122	68	68	2534	30.0C	84.467
828	293	284	18:21:56	-24:26:11	186787	-0: 5	0:24	B9	8.60	.00	102	32	66	923 L	30.0C	30.767
829	335	300	18:21:56	-25:21:55							119	9	76	276?	30.0C	9.200
830	846	481	18:21:56	-36:45:25	210121	-0: 8	0:18	B8	9.32	9.02	130	84	66	3426	30.0C	114.200
831	977	553	18:21:57	-39:45:18	210114?	0:20	3:41	A5	8.96	8.98	285	45	230	1491 H	3.0L	497.000
832	977	553	18:21:57	-39:45:18	210115	0:10	-4: 1	B8	8.68	8.20	285	45	230	1491 H	3.0L	497.000
833	575	404	18:21:59	-30:57: 2	210120	-0: 3	0:23	A0	8.47	8.07	353	16	290	633	3.0L	211.000
834	985	535	18:21:59	-39:44:20	210114?	0:22	4:39	A5	8.96	8.98	178	169	71	9082 H	30.0C	302.733
835	985	535	18:21:59	-39:44:20	210115	0:11	-3: 3	B8	8.68	8.20	178	169	71	9082 H	30.0C	302.733
836	283	301	18:22: 2	-24:23:17	186787	0: 1	3:18	B9	8.60	.00	299	6	271	137 L	3.0L	45.667
837	283	301	18:22: 2	-24:23:17	186797?	-0:33	3:22	A0	9.60	.00	299	6	271	137 L	3.0L	45.667
838	837	499	18:22: 3	-36:45:32	210121	-0: 1	0:10	B8	9.32	9.02	300	11	264	309 L	3.0L	103.000
839	680	421	18:22: 5	-33: 7:52	210123/	-0: 6	1: 7	A0	9.31	8.99	101	25	69	654	30.0C	21.800
840	680	421	18:22: 5	-33: 7:52	210126/	-0: 7	-3:53	A0	9.08	9.02	101	25	69	654 L	30.0C	21.800
841	582	387	18:22: 7	-30:55:29	210120	0: 5	1:56	A0	8.47	8.07	152	73	59	4000	30.0C	133.333
842	351	329	18:22: 9	-25:55:31	NO						313	13	281	346	3.0L	115.333
843	435	360	18:22:14	-27:48: 2							348	65	297	2192?	3.0L	730.667
844	543	396	18:22:15	-30:14: 0	210128	-0: 3	2:56	B8	7.35	7.95	322	4	293	1107L	3.0L	36.667
845	319	298	18:22:15	-25: 2:12							113	11	73	275?	30.0C	9.167
846	667	418	18:22:15	-32:51:11	210136?	-0:22	1: 6	A0	8.79	8.47	90	12	64	273?L	30.0C	9.100
847	175	262	18:22:23	-22: 3:55	186799	-0:15	-1:40	A2	9.40	.00	279	5	251	124?	3.0L	41.333
848	716	437	18:22:23	-33:57:17	210135	-0:13	1:12	B8	6.38	.00	380	338	76	32641	30.0C	1088.033
849	315	299	18:22:28	-24:57:54							128	24	71	789?	30.0C	26.300
850	617	404	18:22:30	-31:45:27	210139	-0: 9	1:36	B8	7.15	.00	287	131	60	12568	30.0C	418.933
851	660	439	18:22:31	-32:53:15	210136	-0: 5	-0:57	A0	8.79	8.47	308	5	284	1142L	3.0L	38.000
852	707	456	18:22:32	-33:56: 9	210135	-0: 4	2:20	B8	6.38	.00	427	153	286	8512	3.0L	2837.333
853	609	423	18:22:37	-31:45:30	210138	-0: 2	1:33	B8	7.15	.00	398	35	286	2044	3.0L	681.333
854	355	316	18:22:43	-25:52:12	NO						167	32	68	1404	30.0C	46.800
855	388	349	18:22:45	-26:47:41	186795	0:18	-2:13	A2	9.50	.00	317	14	288	344?	3.0L	114.667
856	412	359	18:22:53	-27:20:19	186803	0: 1	1:24	B9	8.50	.00	344	14	292	490 L	3.0L	163.333
857	295	297	18:22:55	-24:33:29	186797?	0:20	-6:50	A0	9.60	.00	117	54	70	1838 H	30.0C	61.067
858	172	268	18:22:59	-22: 2:52	186799	0:21	-0:37	A2	9.40	.00	293	5	254	128?	3.0L	42.667
859	430	367	18:22:59	-27:46:14	186811	-0:15	4:32	B8	9.40	.00	323	4	295	1077L	3.0L	35.667
860	425	365	18:23: 0	-27:38:16							336	33	292	1083?	3.0L	361.000
861	228	292	18:23: 5	-23:16:57	186802	0:20	-1:22	B9	9.40	.00	284	4	258	100?L	3.0L	33.333
862	737	473	18:23: 7	-34:40: 1	210147	-0: 1	-0:15	B9	9.65	9.33	312	8	283	204	3.0L	68.000
863	918	523	18:23:10	-38:25:33	210169?	-0:46	3:23	B9	8.88	8.62	114	12	65	423?	30.0C	14.100
864	687	456	18:23:11	-33:33:39	210153	-0: 5	3:20	A2	9.46	9.17	311	9	284	202	3.0L	67.333
865	354	322	18:23:11	-25:53: 3	NO						125	14	70	500	30.0C	16.667
866	432	370	18:23:12	-27:49:52	186811	-0: 2	0:54	B8	9.40	.00	331	29	300	651	3.0L	217.000
867	232	296	18:23:13	-23:22:52	186815	-0:16	-0:18	B8	9.10	.00	344	103	261	3985 H	3.0L	1328.333
868	232	296	18:23:13	-23:22:52	186822?	-0:26	5: 6	B9	8.40	.00	344	103	261	3985 H	3.0L	1328.333
869	697	440	18:23:13	-33:35:38	210153	-0: 3	1:20	A2	9.46	9.17	92	11	68	239 L	30.0C	7.967
870	197	281	18:23:15	-22:36:57	186810	0: 2	4: 8	A0	9.20	.00	285	12	255	2837L	3.0L	94.333
871	244	280	18:23:16	-23:27:44	186906/	0:13	3: 1	A0	9.00	.00	221	193	68	15538 H	30.0C	517.933
872	244	280	18:23:16	-23:27:44	186822/	-0:23	0:14	B9	8.40	.00	221	193	68	15538 H	30.0C	517.933
873	417	346	18:23:18	-27:18:53	186803?	0:27	2:51	B9	8.50	.00	122	7	74	245 L	30.0C	8.167
874	744	458	18:23:21	-34:38:51	210147	0:13	0:54	B9	9.65	9.33	104	7	77	173 L	30.0C	5.767
875	439	354	18:23:24	-27:48:46	186811	0:10	1:59	B8	9.40	.00	92	5	70	1057L	30.0C	3.500
876	155	246	18:23:27	-21:33: 4	186824?	-0:24	0: 2	B5	9.20	.00	95	36	67	874?L	30.0C	29.133
877	396	360	18:23:28	-27: 1:45	NO						317	6	290	137	3.0L	45.667
878	429	372	18:23:28	-27:47: 8	186811	0:14	3:37	B8	9.40	.00	321	12	294	2487L	3.0L	82.667
879	921	528	18:23:34	-38:31: 9	210169?	-0:22	-2:12	B9	8.88	8.62	112	16	66	513 L	30.0C	17.100
880	297	306	18:23:38	-24:39:33							190	13	70	798?	30.0C	26.600
881	373	356	18:23:45	-26:32:24	186826	-0: 9	4:50	A2	9.20	.00	325	15	286	405	3.0L	135.000
882	846	501	18:23:48	-36:53:27	210171	-0:14	1:35	A0	8.44	8.10	151	93	66	4547 H	30.0C	151.567
883	857	526	18:23:49	-37:19:34	210165	0: 4	0: 6	A0	10.20	9.78	291	6	261	150	3.0L	50.000
884	706	470	18:23:52	-34: 2: 4	210168	0: 2	2: 8	B9	9.37	9.70	313	13	278	374?	3.0L	124.667
885	512	385	18:23:56	-29:30: 9	186825	0: 2	2:13	A0	9.50	.00	109	40	63	1289	30.0C	42.967
886	865	510	18:23:58	-37:17:54	210165	0:13	1:45	A0	10.20	9.78	114	62	66	2052 H	30.0C	68.400
887	838	521	18:24: 3	-36:56:47	210171	0: 0	-1:44	A0	8.44	8.10	302	8	264	2307L	3.0L	76.667
888	798	506	18:24: 4	-36: 3:51	210170	0: 2	-1: 1	B9	6.83	.00	372	46	272	2270 L	3.0L	756.667
889	374	363	18:24:20	-26:36:29	186837	-0:16	3:28	A5	6.23	.00	311	4	282	106?L	3.0L	35.333
890	293	334	18:24:23	-24:49: 3	186828	0:13	2:12	B8	9.20	.00	295	10	268	222?L	3.0L	74.000
891	803	491	18:24:26	-36: 1:55	210170?	0:25	0:55	B9	6.83	.00	323	206	64	20032 H	30.0C	667.733
892	803	491	18:24:26	-36: 1:55	210191	-0:20	-1:41	B9	7.73	.00	323	206	64	20032 H	30.0C	667.733
893	360	360	18:24:30	-26:18:38	186834	0: 1	2: 2	A0	9.30	.00	310	7	281	176?L	3.0L	58.667
894	913	535	18:24:33	-38:24:45	210188	-0: 7	-1:26	B9	7.90	7.44	225	190	65	14019 H	30.0C	467.300
895	290	315	18:24:36	-24:36: 9	186844?	-0:25	-0:29	A0	8.50	.00	91	17	67	377?L	30.0C	12.567
896	411	380	18:24:40	-27:28:40							327	46	290	1200?	3.0L	400.000
897	681	451	18:24:46	-33:22:29	210193	-0: 9	0:22	B9	8.60	8.32	140	68	66	2987	30.0C	99.567
898	981	562	18:24:46	-39:50:35	210189	0: 5	-2:32	A0	9.10	8.75	89	11	67	2287L	30.0C	7.600
899	904	555	18:24:48	-38:24:10	210188	0: 8	-0:51	B9	7.90	7.44	320	43	246	1717	3.0L	572.333
900	793	512	18:24:49	-36: 0:29	210191	0: 3	-0:14	B9	7.73	.00	349	28	268	1278	3.0L	426.000

SGR OVEREXP RA 18:34 DEC -30:24

OBJECT NO.	X	Y	R.A.	DEC.	SAO NO.	Δ R.A.	Δ DEC.	SPEC. TYPE	V MAG.	P MAG.	PEAK DEN.	NO. OF POINTS	BG	DENSITY VOLUME	EXP.& FILTER	DEN.VOL/ EXP.
901	634	456	18:24:51	-32:30:18	210194	-0: 4	-0:10	A0	7.70	7.29	358	36	274	1444	3.0L	481.333
902	674	470	18:24:51	-33:23:42	210193	-0: 4	-0:50	B9	8.60	8.32	330	20	282	591	3.0L	197.000
903	641	438	18:24:54	-32:28:20	210194	-0: 1	1:48	A0	7.70	7.29	221	98	62	6968 H	30.0C	232.267
904	180	296	18:24:55	-22:23:55	186853	-0:15	2:51	A0	9.00	.00	273	6	245	151?L	3.0L	50.333
905	280	336	18:24:57	-24:34:31	186844	-0: 3	1: 9	A0	8.50	.00	300	15	265	382?L	3.0L	127.333
906	379	372	18:24:57	-26:47:20	186943/	-0: 2	0: 0	A3	6.28	.00	325	21	286	602	3.0L	200.667
907	379	372	18:24:57	-26:47:20	186945/	-0: 5	0:42	A0	9.00	.00	325	21	286	602	3.0L	200.667
908	925	565	18:24:58	-38:52:22	210200	-0: 9	1:24	B9	7.60	.00	259	14	217	383 L	3.0L	127.667
909	353	363	18:24:59	-26:11:35	186846	-0: 2	1:14	A0	8.70	.00	352	59	275	2216 H	3.0L	738.667
910	283	338	18:25: 2	-24:38:53	186844	0: 2	-3:13	A0	8.50	.00	297	26	262	718?	3.0L	239.333
911	115	251	18:25: 6	-20:50: 7	186850	-0: 1	0:29	A	8.90	.00	94	51	63	12887	30.0C	42.200
912	287	321	18:25: 7	-24:34:37	186844	0: 7	1: 3	A0	8.50	.00	90	6	66	1362L	30.0C	4.533
913	928	568	18:25: 9	-38:57: 6	210197?	0:10	4:33	A2	5.65	.00	285	14	243	324 L	3.0L	108.000
914	928	568	18:25: 9	-38:57: 6	210200	0: 2	-3:20	B9	7.60	.00	285	14	243	324 L	3.0L	108.000
915	386	356	18:25: 9	-26:46:13	186843/	0:10	1: 7	A3	6.28	.00	107	25	74	662 L	30.0C	22.067
916	386	356	18:25: 9	-26:46:13	186845/	0: 8	1:48	A0	9.00	.00	107	25	74	662 L	30.0C	22.067
917	359	349	18:25:17	-26:10:53	186846	0:15	1:55	A0	8.70	.00	117	24	68	847	30.0C	28.233
918	408	386	18:25:18	-27:27:35							332	49	289	1324?	3.0L	441.333
919	407	366	18:25:24	-27:15:18	186861?	-0:23	2:23	B8	8.50	.00	100	26	69	668 L	30.0C	22.267
920	199	310	18:25:28	-22:51:26	186856	0: 3	-0:17	B8	9.10	.00	273	5	247	112?L	3.0L	37.333
921	698	466	18:25:38	-33:48:55	210226?	-0:42	9: 9	B9	7.10	.00	90	12	67	247?L	30.0C	8.233
922	933	555	18:25:47	-38:54:45	210213	-0: 2	-1:40	B8	6.65	.00	325	244	73	23239 H	30.0C	774.633
923	652	453	18:25:49	-32:48:26	210224?	-0:30	0:31	A0	8.40	8.16	81	5	59	101?L	30.0C	3.367
924	923	573	18:25:50	-38:53:20	210213	0: 1	-0:16	B6	6.65	.00	318	154	219	5360	3.0L	1786.667
925	731	481	18:25:52	-34:33:52	210216	-0:12	0:20	B9	8.96	8.61	127	69	63	2787	30.0C	92.900
926	724	499	18:25:57	-34:35: 6	210218	-0: 7	-0:54	B9	8.96	8.61	324	19	276	596	3.0L	198.667
927	890	563	18:26: 3	-38:12:18	210222	-0:13	-4:24	A2	9.59	9.62	252	12	210	417	3.0L	139.000
928	366	380	18:26: 4	-26:35:11	186863	0:13	1:42	A0	6.46	.00	311	25	285	559 L	3.0L	186.333
929	397	391	18:26: 5	-27:16:34	186861	0:18	1: 7	B8	8.50	.00	333	69	264	2240	3.0L	746.667
930	586	453	18:26: 5	-31:38:18	NO						296	14	265	354	3.0L	118.000
931	703	473	18:26: 8	-33:57:46	210226	-0:12	0:19	B9	7.10	.00	309	149	70	13947	30.0C	464.900
932	308	361	18:26:10	-25:18:37	186873	-0: 7	-1:12	B2	6.23	.00	423	130	274	7755	3.0L	2585.000
933	378	366	18:26:12	-26:40:25	186863?	0:22	-3:31	A0	6.46	.00	118	121	67	4072 L	30.0C	135.733
934	378	366	18:26:12	-26:40:25	186878	-0:18	1:52	B9	9.30	.00	118	121	67	4072 H	30.0C	135.733
935	618	466	18:26:13	-32:15: 1	NO						325	23	268	815	3.0L	271.667
936	786	505	18:26:17	-35:47:17	210221	0: 9	0:47	A0	9.21	9.00	86	12	61	271 L	30.0C	9.033
937	695	493	18:26:21	-33:58:12	210226	0: 1	-0: 8	B9	7.10	.00	388	57	283	2783	3.0L	927.667
938	370	386	18:26:23	-26:41:59	186878	-0: 7	0:17	B9	9.30	.00	334	45	280	1442 H	3.0L	480.667
939	314	346	18:26:24	-25:16:19	186873	0: 7	1: 6	B2	6.23	.00	377	182	74?	26453 L	30.0C	882.100
940	625	450	18:26:25	-32:15: 3	NO						142	68	57	3381	30.0C	112.700
941	591	439	18:26:26	-31:28:23	NO						83	19	55	463	30.0C	15.433
942	640	476	18:26:27	-32:45:21	210224	0: 8	3:37	A0	8.40	8.16	298	19	273	387?L	3.0L	129.000
943	650	459	18:26:27	-32:48:33	210224	0: 8	0:25	A0	8.40	8.16	82	6	56	137?L	30.0C	4.567
944	682	470	18:26:27	-33:31:10	210228/	0: 2	1:21	A0	8.72	8.36	280	132	66	11843 H	30.0C	394.767
945	682	470	18:26:27	-33:31:10	210234/	-0:18	0:37	B9	7.64	.00	280	132	66	11843 H	30.0C	394.767
946	149	282	18:26:28	-21:40:50	186876	-0: 0	-0:38	A0	8.90	.00	122	92	61	3718 H	30.0C	123.933
947	143	301	18:26:30	-21:44:16	186876	0: 2	-4: 3	A0	8.90	.00	256	4	232	91 L	3.0L	30.333
948	263	349	18:26:34	-24:20:56							293	37	254	1107?	3.0L	369.000
949	109	289	18:26:39	-21: 0:48	186885	-0:13	-1:28	A0	8.20	.00	257	6	234	130?L	3.0L	43.333
950	318	370	18:26:39	-25:34: 8	186882	0: 1	0:37	B9	8.90	.00	299	13	273	272 L	3.0L	90.667
951	318	370	18:26:39	-25:34: 8	186888?	-0:35	0:57	A0	8.50	.00	299	13	273	272 L	3.0L	90.667
952	326	353	18:26:39	-25:33:22	186882	0: 1	1:23	B9	8.90	.00	113	26	79	702 L	30.0C	23.400
953	674	490	18:26:45	-33:32: 1	210228/	0:20	0:31	A0	8.72	8.36	378	45	275	2262	3.0L	754.000
954	674	490	18:26:45	-33:32: 1	210234/	0: 1	-0:13	B9	7.64	.00	378	45	275	2262	3.0L	754.000
955	656	486	18:26:52	-33: 8:32	210235/	0: 7	-3:35	A3	7.22	.00	311	19	274	478 L	3.0L	159.333
956	656	486	18:26:52	-33: 8:32	210240/	-0: 6	0:31	A0	8.38	8.00	311	19	274	478 L	3.0L	159.333
957	582	445	18:27:17	-31:20: 7							80	21	51	511?	30.0C	17.033
958	662	472	18:27:17	-33: 8:12	210240	0:20	0:51	A0	8.38	8.00	123	55	66	1956	30.0C	65.200
959	378	399	18:27:18	-26:56:49	186890	-0: 3	0:51	A0	8.80	.00	313	10	283	234?L	3.0L	78.000
960	389	403	18:27:19	-27:11:33							321	59	274	2112?	3.0L	704.000
961	383	402	18:27:24	-27: 3:60	186902	-0:20	-1:43	A2	9.50	.00	318	6	277	190?	3.0L	63.333
962	252	355	18:27:25	-24:10:22	186891	0: 4	-4:29	A0	8.38	.00	282	12	256	243?L	3.0L	81.000
963	143	312	18:27:26	-21:48:39	186898	-0: 9	-1:22	B9	8.80	.00	267	7	235	182 L	3.0L	60.667
964	830	533	18:27:27	-36:50:16	210243/	0:12	-0:34	B6	9.13	8.77	88	15	63	345?L	30.0C	11.500
965	830	533	18:27:27	-36:50:16	210255/	-0:15	-4:57	A5	8.84	8.93	88	15	63	345?L	30.0C	11.500
966	150	296	18:27:32	-21:47:10	186898	-0: 3	0: 6	B9	8.80	.00	103	61	65	1755	30.0C	58.500
967	382	404	18:27:37	-27: 3:37	186902	-0: 7	-1:21	A2	9.50	.00	317	28	273	930?H	3.0L	310.000
968	293	354	18:27:44	-24:54:40	186906	-0:14	0:59	B9	8.10	.00	236	100	74	7514	30.0C	250.467
969	285	373	18:27:54	-24:56:15	186906	-0: 3	-0:36	B9	8.10	.00	357	46	262	1314	3.0L	438.000
970	644	493	18:27:56	-32:57: 7	210257	0: 7	4:20	A3	5.44	.00	296	14	270	330?L	3.0L	110.000
971	514	458	18:28:34	-30: 5:11	210272	-0: 5	1:11	B5	8.50	8.01	352	24	272	1043 L	3.0L	347.667
972	845	552	18:28:37	-37:14:50	210276	-0:12	0: 6	B9	7.90	7.51	136	67	66	3076	30.0C	102.533
973	521	442	18:28:45	-30: 5:14	210272	0: 7	1: 8	B5	8.50	8.01	212	138	56	8327	30.0C	277.567
974	478	429	18:28:48	-29: 8: 9	186924	-0: 6	0:47	B8	9.00	.00	92	33	59	861 L	30.0C	28.700
975	393	403	18:28:55	-27:14: 5	186937	-0:13	1:25	B8	7.80	.00	235	104	68	8058	30.0C	268.600
976	626	499	18:28:59	-32:37:42	210281	-0: 4	-0: 4	B9	8.48	8.12	304	32	262	826	3.0L	275.333
977	603	492	18:29: 4	-32: 7:23	210279	0: 8	3:28	A0	9.35	9.30	281	5	256	115?L	3.0L	38.333
978	385	423	18:29:13	-27:14:54	186937/	0: 5	0:36	B6	7.80	.00	360	22	271	1050 L	3.0L	350.000
979	385	423	18:29:13	-27:14:54	186943/	-0:17	-1:17	A3	8.80	.00	360	22	271	1050	3.0L	350.000
980	163	343	18:29:14	-22:23:10	186941	-0:13	2:26	A0	9.10	.00	259	10	236	202?L	3.0L	67.333
981	163	343	18:29:14	-22:23:10	186942?	-0:16	-3:21	B8	8.80	.00	259	10	236	202?L	3.0L	67.333
982	962	602	18:29:15	-39:46:19	210277	0:22	-1:53	A2	5.25	.00	111	36	67?	132? L	30.0C	44.033
983	632	484	18:29:18	-32:36:56	210281	0:15	0:41	B9	8.48	8.12	101	47	54	1572	30.0C	52.400
984	672	500	18:29:32	-33:31: 8							100	17	72	390?	30.0C	13.000
985	168	328	18:29:32	-22:21:13	186942	0: 2	-1:24	B8	8.80	.00	86	12	65	245?L	30.0C	8.167
986	382	427	18:29:33	-27:13:44	186943	0: 3	-0: 7	A3	8.80	.00	294	4	269	91?L	3.0L	30.333
987	230	373	18:29:36	-23:52:46	186950	-0:12	2:15	B9	9.30	.00	269	4	246	87?L	3.0L	29.000
988	232	375	18:29:43	-23:55:56	186950	-0: 5	-0:54	B9	9.30	.00	282	12	247	334?	3.0L	111.333
989	287	396	18:29:46	-25: 7:27	186951	-0: 2	0: 8	B9	8.80	.00	298	5	259	133 L	3.0L	44.333
990	360	423	18:29:53	-26:44:42							306	39	265	1207?	3.0L	402.333
991	239	360	18:29:54	-23:54:45	186950	0: 6	0:17	B9	9.30	.00	92	4	70	84?L	30.0C	2.800
992	229	377	18:29:58	-23:53:11	186950	0:10	1:51	B9	9.30	.00	272	6	247	131?L	3.0L	43.667
993	223	355	18:30: 2	-23:34:16	186962	-0:15	-0:36	B8	8.70	.00	109	53	64	1767?	30.0C	58.900
994	608	504	18:30: 3	-33:27:59							100	8	71	200?	30.0C	6.667
995	293	382	18:30: 4	-25: 6:40	186951	0:15	0:55	B9	8.80	.00	90	10	66	224?L	30.0C	7.467
996	912	593	18:30: 5	-38:47: 9	210293/	0: 9	-1:40	A	6.60	.00	398	317	79	45363	30.0C	1512.100
997	912	593	18:30: 5	-38:47: 9	210294/	0: 9	-1:17	B8	6.00	.00	398	317	79	45363	30.0C	1512.100
998	912	593	18:30: 5	-38:47: 9	210295/	0: 9	-1:18	B8	5.95	.00	398	317	79	45363	30.0C	1512.100
999	912	593	18:30: 5	-38:47: 9	210295/	0: 9	-1:39	B9	6.55	.00	398	317	79	45363	30.0C	1512.100
1000	215	374	18:30: 7	-23:35:28	186962	-0: 9	-1:48	B8	8.70	.00	271	5	242	133?L	3.0L	44.333

SGR OVEREXP RA 18:34 DEC -30:24

OBJECT NO.	X	Y	R.A.	DEC.	SAO NO.	Δ R.A.	Δ DEC.	SPEC. TYPE	V MAG.	P MAG.	PEAK DEN.	NO. OF POINTS	BG	DENSITY VOLUME	EXP.& FILTER	DEN.VOL/ EXP.
1001	241	384	18:30: 8	-24: 9:45	186959	-0: 3	-0:53	B3	6.75	.00	405	121	248	7113 L	3.0L	2371.000
1002	241	384	18:30: 8	-24: 9:45	186977?	-0:36	-0: 1	B9	7.82	.00	405	121	248	7113 H	3.0L	2371.000
1003	904	611	18:30:12	-38:47:16	210293/	0:16	-1:48	A	6.60	.00	434	143	236	13394	3.0L	4464.667
1004	904	611	18:30:12	-38:47:16	210294/	0:16	-1:25	B8	6.00	.00	434	143	236	13394	3.0L	4464.667
1005	904	611	18:30:12	-38:47:16	210295/	0:16	-1:25	B8	5.95	.00	434	143	236	13394	3.0L	4464.667
1006	904	611	18:30:12	-38:47:16	210296/	0:16	-1:47	B9	6.55	.00	434	143	236	13394	3.0L	4464.667
1007	309	390	18:30:17	-25:28:52	186975?	-0:23	0:24	B9	8.30	.00	115	12	68	404 L	30.0C	13.467
1008	813	578	18:30:18	-36:51: 2	210302/	0: 5	-2:46	B9	8.78	8.46	371	110?	261	16000	3.0L	533.333
1009	813	578	18:30:18	-36:51: 2	210304/	0: 2	-0:23	B9	8.04	7.60	371	110?	261	16000	3.0L	533.333
1010	825	582	18:30:18	-37: 6:48	210305	-0: 1	0:30	B9	8.95	8.75	286	42	226	16137H	3.0L	537.667
1011	400	422	18:30:25	-27:30: 8	186968	-0: 4	1:28	B8	8.50	.00	109	43	64	1402 L	30.0C	46.733
1012	820	561	18:30:25	-36:50:34	210302/	0:12	-2:17	B9	8.78	8.46	296	154	63	15809	30.0C	526.967
1013	820	561	18:30:25	-36:50:34	210304/	0: 8	0: 5	B9	8.04	7.60	296	154	63	15809	30.0C	526.967
1014	833	566	18:30:25	-37: 6:20	210305	0: 6	0:58	B9	8.95	8.75	116	51	70	1679	30.0C	55.967
1015	248	370	18:30:25	-24: 8:57	186959/	0:14	-0: 6	B3	6.75	.00	371	231	67	27153 L	30.0C	905.100
1016	248	370	18:30:25	-24: 8:57	186977/	-0:19	0:47	B9	7.82	.00	371	231	67	27153 H	30.0C	905.100
1017	639	519	18:30:28	-33: 1:19	210312/	-0:13	2: 1	B3	5.38	.00	445	904	271	2689 L	3.0L	896.333
1018	639	519	18:30:28	-33: 1:19	210314/	-0:21	-1:17	B9	6.88	.00	445	904	271	2689	3.0L	896.333
1019	392	441	18:30:30	-27:31:18	186968	0: 1	0:18	B8	8.50	.00	318	39	272	1078	3.0L	359.333
1020	300	411	18:30:35	-25:29:40	186975	-0: 5	-0:25	B9	8.30	.00	310	47	254	1577	3.0L	525.667
1021	647	503	18:30:37	-33: 2:31	210312/	-0: 4	0:49	B3	5.38	.00	412	655	61	82796	30.0C	2759.867
1022	647	503	18:30:37	-33: 2:31	210314/	-0:11	-2:30	B9	6.88	.00	412	655	61	82796	30.0C	2759.867
1023	639	521	18:30:39	-33: 2: 9	210312/	-0: 2	1:11	B3	5.38	.00	456	2687	272	1436 L	3.0L	478.667
1024	639	521	18:30:39	-33: 2: 9	210314/	-0: 9	-2: 8	B9	6.88	.00	456	2687	272	1436 L	3.0L	478.667
1025	172	364	18:30:41	-22:41:38	186976	-0: 2	-0:60	B8	9.40	.00	262	9	231	239?L	3.0L	79.667
1026	550	476	18:30:57	-30:54:51	210318	-0: 6	0:30	B9	7.15	.00	177	82	52	5370	30.0C	179.000
1027	542	494	18:30:59	-30:54:26	210318	-0: 4	0:55	B9	7.15	.00	324	11	260	469 L	3.0L	156.333
1028	295	414	18:31: 0	-25:24:55	186986	-0: 2	0:14	B8	9.00	.00	347	45	255	2036?H	3.0L	678.667
1029	896	596	18:31: 2	-38:29:60	210317	0: 1	-0:44	A0	9.38	9.26	88	9	66	187?L	30.0C	6.233
1030	372	441	18:31: 6	-27: 7:25	186984	0: 7	-1:54	A0	9.20	.00	298	6	266	170?L	3.0L	56.667
1031	149	363	18:31:19	-22:15:47	186994	-0: 3	-0:44	B8	9.00	.00	270	36	224	1231	3.0L	410.333
1032	157	346	18:31:23	-22:15:21	186994	0: 1	-0:18	B8	9.00	.00	141	5	70?	310 L	30.0C	10.333
1033	302	400	18:31:23	-25:24:30	186986	0:20	0:39	B8	9.00	.00	180	111	73	6323	30.0C	210.767
1034	286	416	18:31:26	-25:15: 1	186997	-0: 6	-0:12	B9	9.30	.00	286	8	253	216	3.0L	72.000
1035	697	549	18:31:26	-34:23:46	210329	0: 2	0:11	B9	9.21	8.90	306	6	275	172 L	3.0L	57.333
1036	705	531	18:31:27	-34:22:55	210329	0: 2	1: 2	B9	9.21	8.90	91	11	61	283 L	30.0C	9.433
1037	212	390	18:31:36	-23:38:14	187002?	-0:15	-2:35	A0	9.50	.00	262	4	237	89?L	3.0L	29.667
1038	288	420	18:31:44	-25:18:59	186997	0:11	-4:10	B9	9.30	.00	284	18	255	446?	3.0L	148.667
1039	350	421	18:31:44	-26:29:39	187001	-0: 0	1:19	A0	9.10	.00	92	10	67	213 L	30.0C	7.100
1040	293	401	18:31:44	-25:14:12	186997	0:11	0:37	B9	9.30	.00	97	29	67	683 L	30.0C	22.767
1041	493	469	18:31:55	-29:41:47							96	5	58	140?	30.0C	4.667
1042	631	534	18:32: 1	-32:58:35	210344	-0: 9	-2:41	A0	6.85	.00	297	18	267	439 L	3.0L	146.333
1043	932	621	18:32: 5	-39:19:37	210338	0:20	-0:44	A0	8.78	8.45	102	28	71	709 L	30.0C	23.633
1044	172	362	18:32: 9	-22:38:27	187015	-0:18	-0: 4	B9	9.20	.00	90	24	67	528?L	30.0C	17.600
1045	637	517	18:32:11	-32:55:46	210344	0: 1	0: 8	A0	6.85	.00	82	5	60	99?L	30.0C	3.300
1046	141	371	18:32:13	-22: 9:31	187010	-0: 7	-1:37	B3	8.50	.00	352	64	223	3628	3.0L	1209.333
1047	148	354	18:32:13	-22: 8:41	187010	-0: 7	-0:46	B3	8.50	.00	283	193	67	16966	30.0C	565.533
1048	461	465	18:32:26	-29: 1:27							112	7	55	251?	30.0C	8.367
1049	355	453	18:32:36	-26:51:29	187021	-0: 2	-0:16	B9	9.60	.00	287	6	262	138?	3.0L	46.000
1050	690	540	18:32:40	-34: 9:24	210355	-0:12	0: 0	B9	9.07	8.72	115	50	59	1922	30.0C	64.067
1051	682	558	18:32:41	-34: 9: 3	210355	-0:10	0:21	B9	9.07	8.72	307	6	280	138 L	3.0L	46.000
1052	491	499	18:32:50	-29:54:32	187030	-0:14	4: 7	A2	9.71	9.73	296	4	260	97?	3.0L	32.333
1053	614	538	18:32:56	-32:39:50	210358	-0: 4	-1:23	B9	8.95	8.51	312	26	259	799	3.0L	266.333
1054	541	496	18:33: 0	-30:51:38	210354	0:12	0:29	A0	9.27	8.84	86	27	52	737	30.0C	24.567
1055	356	438	18:33: 2	-26:44:43	187021?	0:24	6:31	B9	9.60	.00	89	4	67	85?L	30.0C	2.833
1056	620	522	18:33: 5	-32:37: 0	210358	0: 6	1:27	B9	8.95	8.51	108	54	51	2116	30.0C	70.533
1057	396	453	18:33:12	-27:38:28							87	10	61	231?	30.0C	7.700
1058	594	537	18:33:22	-32:15: 5	210360?	0:17	5:27	A3	9.70	9.81	279	4	253	101	3.0L	33.667
1059	292	421	18:33:24	-25:21:42	187037	-0: 7	-0:22	B9	8.50	.00	115	52	65	1829	30.0C	60.967
1060	325	453	18:33:29	-26:15:40	187027?	0:30	1: 1	B9	8.90	.00	297	33	255	1075?	3.0L	358.333
1061	690	550	18:33:38	-34:13:21	210370	-0:15	-0: 0	A0	9.33	9.01	88	15	59	380 L	30.0C	12.667
1062	834	622	18:33:41	-37:32: 0	210367	0: 9	-4:36	A2	8.30	8.19	259	36	215	1178 H	3.0L	392.667
1063	284	441	18:33:42	-25:22:29	187037	0:11	-1: 9	B9	8.50	.00	279	6	253	131 L	3.0L	43.667
1064	120	366	18:34: 5	-21:41:60	187052	0: 3	-0:22	B8	9.10	.00	87	13	64	278?L	30.0C	9.267
1065	211	402	18:34:14	-23:38:51	187059	-0: 7	0:34	B9	9.10	.00	106	6	76	165?L	30.0C	5.500
1066	806	618	18:34:16	-36:58:54	210380	-0:18	-3:39	A2	9.52	9.32	263	4	251?	32?L	3.0L	10.667
1067	409	471	18:34:21	-28: 0:42	187063	-0:10	1: 2	B2	8.60	.00	190	92	62	5960 L	30.0C	198.667
1068	704	563	18:34:21	-34:34:46	210378	-0: 3	0:34	B8	7.93	7.30	282	121	67	11250 H	30.0C	375.000
1069	697	581	18:34:26	-34:35:60	210376	0: 2	-0:40	B8	7.93	7.30	393	30	281	1878	3.0L	626.000
1070	134	397	18:34:32	-22:12: 9	187064	-0: 3	-2:22	B9	9.40	.00	251	14	215	398?	3.0L	132.667
1071	401	490	18:34:34	-28: 1: 5	187063	0: 3	0:39	B2	8.60	.00	360	23	277	919 L	3.0L	306.333
1072	204	404	18:34:35	-23:32:31	187059?	0:14	6:54	B9	9.10	.00	142	29	67	1191?L	30.0C	39.700
1073	200	422	18:34:36	-23:37:20	187059	0:15	2: 6	B9	9.10	.00	260	11	232	271?L	3.0L	90.333
1074	747	601	18:34:42	-35:43: 0	210379	0:13	0:38	A0	9.46	9.15	279	21	257?	230	3.0L	76.667
1075	190	401	18:34:48	-23:15:11	187070	-0: 6	-0:59	B9	9.40	.00	315	163	70	16460 H	30.0C	548.667
1076	182	419	18:34:56	-23:15:16	187070	0: 1	-1: 4	B9	9.40	.00	397	103	230	6290 H	3.0L	2096.667
1077	549	541	18:34:56	-31:21:54	210386	-0:11	-0:22	B8	9.15	8.71	306	6	258	213 L	3.0L	71.000
1078	557	523	18:34:57	-31:21: 4	210386	-0:10	0:28	B8	9.15	8.71	104	43	51	1572 L	30.0C	52.400
1079	852	621	18:34:57	-37:50:19	210381	0:17	0:35	A2	9.58	9.24	96	15	64	415?	30.0C	13.833
1080	852	623	18:35: 9	-37:51: 5	210381?	0:29	-0:11	A2	9.58	9.24	93	10	63	256?	30.0C	8.533
1081	852	623	18:35: 9	-37:51: 5	210400?	-0:21	3:59	A2	7.75	7.63	93	10	63	256?L	30.0C	8.533
1082	670	581	18:35:11	-34: 3:20	210392	-0: 3	-0:46	B9	8.55	8.07	329	8	286	246?L	3.0L	82.000
1083	814	611	18:35:17	-37: 1:54	210388/	0: 9	-0:41	A5	9.59	9.74	150	6	65?	704	30.0C	23.467
1084	814	611	18:35:17	-37: 1:54	210394/	-0: 1	0:50	B8	9.02	8.65	150	6	65?	704 L	30.0C	23.467
1085	806	629	18:35:22	-37: 3: 8	210388/	0:14	-1:55	A5	9.59	9.74	297	18	260	451	3.0L	150.333
1086	806	629	18:35:22	-37: 3: 8	210394/	0: 4	-0:24	B8	9.02	8.65	297	18	260	451	3.0L	150.333
1087	676	565	18:35:25	-34: 2: 5	210392	0:11	0:30	B9	8.55	8.07	139	63	59	2968	30.0C	98.933
1088	844	623	18:35:25	-37:41:38	210397	-0: 3	0:26	B8	8.92	8.49	208	125	63	8709 H	30.0C	290.300
1089	194	430	18:35:27	-23:33:19	187080	-0: 1	-0:21	B9	5.75	.00	425	164	230	11384	3.0L	3794.667
1090	836	642	18:35:30	-37:42:52	210397	0: 2	-0:49	B8	8.92	8.49	344	44	255	1480	3.0L	493.333
1091	511	536	18:35:34	-30:32:43	210403	-0: 6	1: 7	B8	7.62	.00	349	20	264	982 L	3.0L	327.333
1092	519	519	18:35:38	-30:33:28	210403	-0: 2	0:22	B8	7.62	.00	171	86	52	5403	30.0C	180.100
1093	201	416	18:35:42	-23:33:38	187080	0:14	-0:40	B9	5.75	.00	389	325	74	39192	30.0C	1306.400
1094	583	539	18:35:43	-32: 0: 6	NO						110	43	50	1720	30.0C	57.333
1095	683	571	18:35:47	-34:12:46	210408	-0:12	-0: 4	A0	6.64	.00	196	101	65	6070	30.0C	202.333
1096	675	591	18:36: 0	-34:13:11	210408	0: 1	-0:29	A0	6.64	.00	358	55?	265?	13915 H	3.0L	4638.333
1097	405	509	18:36: 3	-28:14: 6	187089	-0: 2	-0:31	B9	7.46	.00	306	7	270	187 L	3.0L	62.333
1098	596	568	18:36: 9	-32:29:13	210409	-0: 1	-0:57	B9	9.05	8.63	326	4	271	162 L	3.0L	54.000
1099	603	551	18:36:15	-32:28:46	210409	0: 5	-0:30	B9	9.05	8.63	118	52	55	2132	30.0C	71.067
1100	117	413	18:36:20	-21:59:28	187096	-0: 9	1:13	A0	8.20	.00	242	14	215	319 L	3.0L	106.333

SGR OVEREXP RA 18:34 DEC -30:24

OBJECT NO.	X	Y	R.A.	DEC.	SAO NO.	Δ R.A.	Δ DEC.	SPEC. TYPE	V MAG.	P MAG.	PEAK DEN.	NO. OF POINTS	BG	DENSITY VOLUME	EXP.& FILTER	DEN.VOL/ EXP.
1101	411	495	18:36:28	-28:12:26	187089?	0:23	1: 9	B9	7.46	.00	100	44	58	1390 L	30.0C	46.333
1102	126	398	18:36:28	-22: 0:29	187096	-0: 2	0:12	A0	9.20	.00	118	70	66	2373	30.0C	79.100
1103	455	530	18:36:35	-29:22:43	187100	-0: 2	0:25	B	9.50	.00	341	317	259	2016	3.0L	672.000
1104	463	513	18:36:39	-29:23:27	187108	0: 2	-0:19	B	9.50	.00	153	75	55	4284	30.0C	142.800
1105	627	564	18:36:45	-33: 2:35	2104127	0:31	-0: 9	A0	7.85	.00	60	15	54	3417L	30.0C	11.367
1106	627	564	18:36:45	-33: 2:35	2104357	-0:26	0: 9	A0	9.28	8.88	60	15	54	3417L	30.0C	11.367
1107	81	389	18:37: 3	-21: 7:21	1871117	-0: 1	-6:37	B9	9.00	.00	93	16	66	3797L	30.0C	12.633
1108	486	525	18:37: 5	-29:55:44	ND						112	21	55	813	30.0C	27.100
1109	148	434	18:37: 9	-22:42: 2	187112	-0: 1	0:36	B5	8.90	.00	293	47	215	1848	3.0L	616.000
1110	931	695	18:37:14	-39:50: 3	2104507	-0:30	-5: 8	A2	8.84	8.79	259	6	230	149	3.0L	49.667
1111	939	677	18:37:15	-39:49:12	2104507	-0:29	-4:17	A2	8.84	8.79	111	80	68	2386 H	30.0C	79.533
1112	156	418	18:37:16	-22:43: 6	187112	0: 7	-0:28	B5	8.90	.00	198	123	68	8144	30.0C	271.467
1113	465	522	18:37:20	-29:28:56	1871227	-0:24	-6:29	A3	8.80	.00	94	4	60	1012L	30.0C	3.367
1114	91	418	18:37:27	-21:31:60	187119	-0:13	0:32	B9	6.80	.00	246	23	211	6047	3.0L	201.333
1115	751	633	18:37:29	-36: 0:28	210451	-0:15	-4:20	A2	10.10	9.62	286	19	269?	967	3.0L	32.000
1116	484	530	18:37:36	-29:55:15	NO						113	18	56	734	30.0C	24.467
1117	99	402	18:37:37	-21:31:49	187119	-0: 3	0:43	B9	8.80	.00	130	98	65	3957	30.0C	131.900
1118	743	632	18:37:39	-35:50:33	2104512	-0: 6	5:35	A2	10.10	9.62	286	16	273?	37?	3.0L	12.333
1119	255	479	18:37:46	-25: 3:27	187120	0: 3	0: 9	A0	9.00	.00	275	7	245	1727L	3.0L	57.333
1120	435	521	18:38: 1	-28:52: 5	187128	-0: 7	0:20	B8	7.90	.00	220	104	57	7786	30.0C	259.533
1121	315	483	18:38: 4	-26:12:21							157	18	65	506?	30.0C	16.867
1122	636	582	18:38: 6	-33:19:53	210464	-0: 8	0:38	B9	8.87	8.37	170	97	60	5115 H	30.0C	170.500
1123	428	539	18:38: 7	-28:53:20	187129	-0: 1	-0:55	B8	7.90	.00	356	21	269	1076	3.0L	358.667
1124	279	492	18:38: 9	-25:36:40	187130	-0: 5	-7:58	A0	9.30	.00	291	98	248	2648?	3.0L	882.667
1125	629	601	18:38:10	-33:22:19	210464	-0: 4	-1:47	B9	8.87	8.37	346	277	277?	1492 H	3.0L	497.333
1126	97	408	18:38:10	-21:31:46	1871197	0:31	0:46	B9	8.80	.00	101	7	64	206 L	30.0C	6.867
1127	536	552	18:38:18	-31: 7:58	210457	0:15	-0:39	B8	8.82	8.50	130	63	50	3111	30.0C	103.700
1128	371	508	18:38:41	-27:30:13	187141	0: 1	-0:36	B5	8.30	.00	215	97	70	7129	30.0C	237.633
1129	363	526	18:38:43	-27:29:53	187141	0: 3	-0:16	B5	8.30	.00	372	17	275	969 L	3.0L	323.000
1130	468	538	18:38:43	-29:38:40	187151	-0:18	0:22	B9	8.60	.00	132	50	59	2319	30.0C	77.300
1131	584	594	18:38:47	-32:23:60	210478	-0: 7	0:59	B8	7.76	7.11	409	220?	273?	2228	3.0L	742.667
1132	592	577	18:38:51	-32:24:44	210478	-0: 3	0:15	B8	7.76	7.11	317	172	56	17120 H	30.0C	570.667
1133	460	559	18:38: 1	-29:39:28	187151	0: 0	-0:26	B9	8.60	.00	336	13	269	502	3.0L	167.333
1134	815	672	18:38: 3	-37:30: 6	2104857	-0:18	5: 9	A2	10.50	10.32	282	8	252	211?	3.0L	70.333
1135	172	446	18:38: 5	-23:11:51	187154	-0: 5	-0:53	A0	9.00	.00	99	39	65	1048	30.0C	34.933
1136	162	464	18:38:16	-23: 9:34	187154	0: 6	1:24	A0	9.00	.00	253	11	221	275	3.0L	91.667
1137	506	579	18:38:30	-30:43:39	2104797	0:29	-3: 4	A2	9.12	8.85	274	4	248	98 L	3.0L	32.667
1138	351	512	18:38:31	-27: 7:20							124	4	83	121?	30.0C	4.033
1139	500	558	18:38:36	-30:26: 0	NO						79	14	50	349	30.0C	11.633
1140	981	710	18:38:43	-39:21:32	210488	0:17	-1:25	B8	7.09	.00	384	110	236	7377	3.0L	2459.000
1141	115	454	18:38:48	-22:13:24	187169	0: 9	-0:13	B8	8.60	.00	233	9	206	218 L	3.0L	72.667
1142	369	540	18:38:49	-27:42:25	187178	0: 3	-0:31	B9	8.48	.00	330	13	267	542	3.0L	180.667
1143	123	438	18:38:52	-22:12:50	187169	0:14	0:21	B8	8.60	.00	111	68	64	2329	30.0C	77.633
1144	376	524	18:38:54	-27:41:54	187170	0: 8	-0: 0	B9	8.48	.00	147	60	72	2738	30.0C	91.267
1145	657	629	18:40: 0	-34: 6:29	210498	-0: 5	-1:28	A0	9.39	8.95	315	354	276?	13687H	3.0L	456.000
1146	908	695	18:40: 2	-39:21:47	2104887	0:37	-1:41	B8	7.09	.00	359	237	69	29419 H	30.0C	980.633
1147	133	446	18:40:12	-22:27:15	187185	-0: 7	0:25	B9	7.60	.00	114	70	67	2324	30.0C	77.467
1148	126	463	18:40:13	-22:28:11	187185	-0: 7	-0:31	B9	7.60	.00	243	9	205	277 L	3.0L	92.333
1149	726	654	18:40:14	-35:38: 7	210499	0: 7	3:40	A5	9.74	9.80	407	157	281	4347?	3.0L	1449.000
1150	583	590	18:40:22	-32:18:48							93	28	56	820?	30.0C	27.333
1151	124	465	18:40:26	-22:26:35	187185	0: 7	1: 6	B9	7.60	.00	244	25	204	772?	3.0L	257.333
1152	860	683	18:40:31	-38:22:41	210501	0:10	-0:16	A0	5.13	.00	193	118	65	7952 L	30.0C	265.067
1153	853	702	18:40:36	-38:23:52	210501	0:15	-1:28	A0	5.13	.00	289	22	246	618 L	3.0L	206.000
1154	735	643	18:40:53	-35:42:16	210509	-0: 6	-0:40	B3	4.82	.00	424	935	83	123354	30.0C	4111.800
1155	726	663	18:41: 8	-35:41:26	210509	0: 9	0: 9	B3	4.82	.00	469	707	284?	11931	3.0L	3977.000
1156	227	511	18:41:14	-24:42:58	187199	0:15	2:11	A0	9.20	.00	265	7	237	1577L	3.0L	52.333
1157	191	499	18:41:21	-23:56:22	187211	-0:11	-3:19	A0	9.90	.00	247	7	219	173?	3.0L	57.667
1158	301	539	18:41:32	-26:20: 2	187209	0:10	-3:17	A0	9.20	.00	286	17	255	444	3.0L	148.000
1159	397	549	18:41:35	-28:16:34	1872257	-0:25	-0:11	B9	8.10	.00	111	12	88	393 L	30.0C	13.100
1160	561	597	18:41:35	-31:54:32	2105237	-0: 4	1:50	A5	9.55	9.36	88	26	52	723	30.0C	24.100
1161	561	597	18:41:35	-31:54:32	2105267	-0:10	-0:21	B9	9.70	9.18	88	26	52	723	30.0C	24.100
1162	190	503	18:41:38	-23:56:17	187211	0: 7	-3:15	A0	9.90	.00	242	9	219	192?	3.0L	64.000
1163	922	717	18:41:39	-39:45:29	NO						227	168	72	12647	30.0C	421.567
1164	242	521	18:41:43	-25: 4:39	187216	-0: 2	-0:52	B8	5.76	.00	389	87	242	4247?L	3.0L	1415.667
1165	203	509	18:41:48	-24:13:60	187220	-0: 2	-2:10	B9	9.10	.00	253	6	227	138?L	3.0L	46.000
1166	250	505	18:41:48	-25: 4: 4	187216	0: 2	-0:18	B8	5.76	.00	373	213	86	25362	30.0C	845.400
1167	913	737	18:41:52	-39:45:50	NO						298	33	240	1316	3.0L	438.667
1168	151	494	18:42: 3	-23: 8:34	187222	0: 6	-3:26	A0	9.40	.00	232	7	208	150?L	3.0L	50.000
1169	420	563	18:42: 7	-28:49: 7	187237/	-0:23	0:42	A0	8.90	.00	164	77	61	4576	30.0C	152.533
1170	420	563	18:42: 7	-28:49: 7	187238/	-0:24	-0:12	A0	8.90	.00	164	77	61	4576	30.0C	152.533
1171	390	554	18:42: 8	-28: 9:37	1872257	0: 6	6:46	B8	8.10	.00	125	59	71	2268	30.0C	75.600
1172	400	579	18:42:17	-28:34:48							303	40	268?	691?	3.0L	230.333
1173	394	557	18:42:18	-28:15:33	187225	0:18	0:50	B9	8.10	.00	122	20	100	140 L	30.0C	4.667
1174	241	531	18:42:32	-25: 6:48	ND						276	17	244	419	3.0L	139.667
1175	332	561	18:42:34	-27: 5: 5	187239	0: 2	-2:26	B8	3.30	.00	468	4000?	274?	45000 L	3.0L	15000.000
1176	388	559	18:42:39	-28: 9: 4	1872257	0:39	7:19	B9	8.10	.00	113	7	72	203?	30.0C	6.767
1177	899	720	18:42:39	-39:20:39	NO						100	52	67	1422	30.0C	47.400
1178	336	544	18:42:44	-27: 0:55	187239	0:12	1:43	B8	3.30	.00	434	965	97	132936	30.0C	4431.200
1179	597	641	18:42:46	-32:58: 2	210544	0: 6	4: 2	A0	10.00	10.21	290	27	278?	287L	3.0L	12.667
1180	317	540	18:42:54	-26:36:36							161	27	85	1059?	30.0C	35.300
1181	372	558	18:43: 0	-27:49:28	187244	0:13	0:27	B9	9.00	.00	113	24	75	684 L	30.0C	28.800
1182	518	625	18:43:21	-31:16: 8	210554	0:17	-4:44	A0	9.27	9.05	301	37	272?	511?	3.0L	170.333
1183	876	719	18:43:23	-38:53:29	210552?	0:22	0: 1	B9	8.90	8.62	95	31	66	766?L	30.0C	25.533
1184	153	512	18:43:28	-23:17:13	187258	0: 5	0:39	B	9.30	.00	232	10	203	230?L	3.0L	76.667
1185	229	539	18:43:34	-24:55:25							272	44	230	1293?	3.0L	431.000
1186	461	612	18:43:36	-30: 0:36	210563	-0: 8	0:16	B3	9.73	8.94	361	43?	277?	2618	3.0L	939.333
1187	469	594	18:43:40	-30: 1:17	210563	-0: 5	-0:26	B3	9.73	8.94	175	81	56	5270 H	30.0C	175.667
1188	169	521	18:43:49	-23:40:46	187266	-0: 0	-0: 3	A0	8.90	.00	246	26	211	680	3.0L	226.667
1189	128	489	18:43:56	-22:38: 1	187270	0: 1	0:16	A0	8.50	.00	112	68	65	2308	30.0C	76.933
1190	114	484	18:43:57	-22:19:60	187272	-0: 0	0:53	B9	8.50	.00	122	99	60	3751	30.0C	125.033
1191	177	506	18:43:58	-23:40:30	187266	0: 9	0:13	A0	8.90	.00	108	41	64	1165	30.0C	38.833
1192	589	632	18:43:58	-32:42: 1	210575	-0:10	0: 9	B9	8.75	8.29	95	34	56	1037	30.0C	34.567
1193	105	502	18:43:59	-22:19:49	187272	0: 2	1: 4	B9	8.50	.00	218	12	186	323 L	3.0L	107.667
1194	464	617	18:43:59	-30: 6: 3	210563?	0:14	-5:12	B3	9.73	8.94	294	24	277?	126 L	3.0L	42.000
1195	805	722	18:44: 3	-37:36:27	210570	0: 9	-0:16	B9	6.95	.00	380	775	259	17312 H	3.0L	5770.667
1196	169	524	18:44: 4	-23:41:52	187266	0:15	-1:10	A0	8.90	.00	251	26	199	789	3.0L	263.000
1197	719	693	18:44: 4	-35:44:26	210567	0:17	2:37	A0	10.30	9.71	300	20?	270?	624?	3.0L	208.000
1198	119	507	18:44: 5	-22:37: 1	187270	0:10	1:17	A0	8.50	.00	221	11	191	254 L	3.0L	84.667
1199	812	706	18:44:18	-37:35:10	2105707	0:24	1: 2	B9	6.95	.00	324	166	78	17373	30.0C	579.100
1200	812	706	18:44:18	-37:35:10	2105807	-0:28	3:12	A3	9.25	9.28	324	166	78	17373 H	30.0C	579.100

SGR OVEREXP RA 18:34 DEC -30:24

VOL/ .	OBJECT NO.	X	Y	R.A.	DEC.	SAO NO.	Δ R.A.	Δ DEC.	SPEC. TYPE	V MAG.	P MAG.	PEAK DEN.	NO. OF POINTS	BG	DENSITY VOLUME	EXP.& FILTER	DEN.VOL/ EXP.
.333	1201	326	579	18:44:20	-27: 5:43	187290?	-0:28	2:46	B8	8.50	.00	303	43	268?	713?L	3.0L	237.667
.100	1202	382	598	18:44:25	-28:19:46	187286	-0: 3	0:21	B9	7.24	.00	333	22?	272?	640	3 0L	213.333
.000	1203	162	528	18:44:34	-23:38:12							235	37	202	985?	3.0L	328.333
.800	1204	248	557	18:44:34	-25:24:24							280	47	236	1368?	3.0L	456.000
.367	1205	390	582	18:44:35	-28:20:47	187286	0: 6	-0:41	B9	7.24	.00	134	62	73	2377 L	30.0C	79.233
.367	1206	215	547	18:44:39	-24:41:39	187285?	0:11	-7:24	A2	9.00	.00	274	76	232	2176 H	3.0L	725.333
.633	1207	327	585	18:44:45	-27: 8:46	187290	-0: 2	-0:16	B8	8.50	.00	360	55?	267?	1120	3.0L	373.333
.100	1208	226	552	18:44:48	-24:56:37	187301?	-0:18	-6:53	A2	8.60	.00	257	31	234	528	3.0L	176.000
.000	1209	633	675	18:44:51	-33:54:36	210583	-0: 6	3:15	A2	7.06	.00	299	30	277?	328	3.0L	109.333
.667	1210	643	678	18:44:51	-34: 7:44							303	176	277?	1744?	3.0L	581.333
.533	1211	327	566	18:44:53	-26:57:49	187308?	-0:44	-3:17	A3	8.50	.00	122	38	87	1077	30.0C	35.900
.467	1212	342	592	18:44:59	-27:29:23	187299	-0: 1	-0:12	B9	9.10	.00	313	20?	270?	400	3.0L	133.333
.387	1213	908	749	18:45: 9	-39:40:45	210581	0:19	-1:12	A0	6.97	.00	256	220	71	17259 H	30.0C	575.300
.333	1214	899	767	18:45:10	-39:40:21	210581	0:20	-0:49	A0	6.97	.00	329	56	242	2797	3.0L	932.333
.000	1215	543	653	18:45:11	-31:56:10	210588	0: 3	-0:53	B8	7.45	6.80	353	141	275?	2020?	3.0L	673.333
.467	1216	550	635	18:45:11	-31:55:18	210588	0: 3	-0: 1	B8	7.45	6.80	306	153	58	15005	30.0C	500.167
.900	1217	209	553	18:45:19	-24:37:52							273	142	222	4509?	3.0L	1503.000
.333	1218	461	631	18:45:20	-30: 8:45	210591?	-0: 6	-5:23	A0	9.51	9.24	311	163	283?	530?	3.0L	176.667
.333	1219	517	654	18:45:55	-31:24:45	210598?	0: 1	-5:13	A0	9.65	9.23	293	107	277?	1235?H	3.0L	411.667
.533	1220	607	660	18:46: 0	-33:14:42							219	18	57	1360?	30.0C	45.333
.887	1221	463	623	18:46:20	-30: 3:52	210613	-0:22	0: 1	B8	8.82	8.24	128	59	62	2551 L	30.0C	85.033
.500	1222	454	641	18:46:22	-30: 3:33	210613	-0:20	0:20	B8	8.82	8.24	316	49	278?	506	3.0L	168.667
.667	1223	454	642	18:46:28	-30: 3:55	210613	-0:15	-0: 2	B8	8.82	8.24	338	25?	278?	1287?	3.0L	429.000
.867	1224	202	585	18:46:33	-24:33:52	187317	0: 6	2: 5	A0	8.50	.00	274	177	208	6448 H	3.0L	2149.333
.333	1225	556	672	18:46:35	-32:19:54	210604?	0:23	-2: 2	A2	9.49	9.37	304	37	280?	260?	3.0L	86.667
.867	1226	210	552	18:46:52	-24:35:29	187317?	0:25	0:29	A0	8.50	.00	106	44	71	1187	30.0C	39.567
.700	1227	262	568	18:46:52	-25:41:59							114	7	87	163?	30.0C	5.433
.633	1228	193	568	18:47: 1	-24:25:24							250	50	213	1325?	3.0L	441.667
.000	1229	466	653	18:47: 9	-30:22:22	210626	-0:21	-4:30	A0	8.73	8.36	297	10	275?	106?L	3.0L	35.333
.300	1230	655	686	18:47: 9	-34:21:49	210625	-0:20	0: 1	B9	7.23	.00	200	103	65	6570 H	30.0C	219.000
.667	1231	503	647	18:47:27	-31: 2: 4	210631	-0:18	-0:49	A0	7.88	.00	94	5	69	118?L	30.0C	3.933
.687	1232	126	533	18:47:39	-22:53:34	187337	0: 5	-0:43	B9	9.00	.00	84	28	57	669?L	30.0C	22.300
.333	1233	487	665	18:47:42	-30:52: 3	210632	-0: 5	-0:43	A0	8.67	.00	318	327	277?	3000?H	3.0L	1000.000
.333	1234	494	649	18:47:53	-30:51:53	210632	0: 7	-0:32	A0	8.67	.00	86	9	64	184 L	30.0C	6.133
.933	1235	218	587	18:47:54	-25: 0:13	187357	-0:14	2:57	A2	9.30	.00	265	35	240?	361?	3.0L	120.333
.667	1236	187	577	18:47:58	-24:21:28	187355	-0: 7	5:22	B9	8.70	.00	242	21	212	528?	3.0L	176.000
.667	1237	510	675	18:47:58	-31:24:39							312	267	277?	3262?	3.0L	1087.333
.033	1238	299	615	18:48: 7	-26:45:34	187359	-0: 5	1:26	A2	9.10	.00	297	6	260	177	3.0L	59.000
.633	1239	490	672	18:48:10	-30:57:49	210631?	0:26	3:26	A0	7.88	.00	316	171	280?	1940?	3.0L	646.667
.000	1240	325	608	18:48:31	-27:11: 3	187374	-0:18	0:53	B5	9.30	.00	150	25	75?	1712 L	30.0C	57.067
.687	1241	478	653	18:48:36	-30:33:34							87	4	62	91?	30.0C	3.033
.687	1242	72	528	18:48:37	-21:50:33	187369	-0: 5	4:34	A0	8.80	.00	80	4	56	93?L	30.0C	3.100
.633	1243	273	615	18:48:47	-26:15:30	NO						334	20?	280?	2737	3.0L	912.333
.267	1244	738	752	18:48:54	-36:28:53	210648	0:13	0:15	A2	9.36	9.44	286	32	258?	360?	3.0L	120.000
.000	1245	268	617	18:49: 5	-26:10:12	NO						325	139	277?	2633	3.0L	877.667
.633	1246	271	619	18:49:11	-26:14:31	NO						351	1099	276?	6857	3.0L	2285.667
.487	1247	487	662	18:49:12	-30:47:39	210663	-0:17	0: 5	B8	6.63	.00	338	169	64	18917	30.0C	630.567
.333	1248	479	681	18:49:18	-30:48:54	210663	-0:12	-1:10	B8	6.63	.00	413	300?	276?	28616 H	3.0L	9538.667
.000	1249	440	671	18:49:21	-29:56:36	210656	0: 9	3:55	A0	9.67	9.40	305	93	274?	1577?	3.0L	525.667
.333	1250	601	717	18:49:30	-33:30:59							312	290	276?	3694?	3.0L	1231.333
.333	1251	167	590	18:49:36	-24: 3:26	187384	0:20	0:32	B9	9.30	.00	245	207	215?	1178 H	3.0L	392.667
.067	1252	502	691	18:49:36	-31:20:15							314	331	284?	2295?	3.0L	765.000
.000	1253	573	711	18:49:37	-32:54:42	210673?	-0:12	-9:16	A0	10.50	10.03	302	105	276?	989?H	3.0L	329.667
.800	1254	201	588	18:50:10	-24:38:23	187408	-0: 9	0:21	B9	8.50	.00	116	84	68	2526	30.0C	84.200
.000	1255	775	778	18:50:14	-37:21:20	210676	0:13	-1:10	A0	7.04	.00	292	107	259?	207 L	3.0L	69.000
.333	1256	186	605	18:50:21	-24:31: 5	187408?	0: 2	7:39	B9	8.50	.00	239	12	209	295 L	3.0L	98.333
.667	1257	488	696	18:50:22	-31: 4:41	210684?	-0: 3	6:26	A5	9.82	9.78	310	274	287?	711?H	3.0L	270.333
.000	1258	620	714	18:50:32	-33:49:29	210692	-0: 7	-0:40	A0	9.88	9.16	91	7	66	156?	30.0C	5.200
.100	1259	781	763	18:50:35	-37:20:22	210676?	0:33	-0:12	A0	7.04	.00	136	77	72	3102	30.0C	103.400
.100	1260	101	566	18:51: 0	-22:37:36	187425	-0: 7	0:25	B8	8.00	.00	129	119	56	5008	30.0C	166.933
.100	1261	206	601	18:51: 6	-24:48:36	187431	-0:13	1:21	B8	7.50	.00	263	179	73	12741	30.0C	424.700
.000	1262	92	585	18:51: 9	-22:36:44	187425	0: 2	1:17	B8	8.00	.00	228	42	182	1205	3.0L	401.667
.567	1263	473	681	18:51: 9	-30:37:50	210701	-0: 7	0:59	A0	10.00	9.68	103	10	66	278?	30.0C	9.267
.667	1264	499	688	18:51:12	-31:12: 7	210704	-0:14	-0:34	A0	8.54	8.00	219	108	67	7536 H	30.0C	251.200
.000	1265	462	699	18:51:15	-30:33:53	210701	-0: 1	4:55	A0	10.00	9.68	316	768	286?	2471?H	3.0L	827.000
.400	1266	490	706	18:51:15	-31:10:35	210704	-0:12	0:57	A0	8.54	8.00	377	2000?	280?	31510	3.0L	10503.333
.667	1267	521	696	18:51:22	-31:41:32	210700	0: 7	0: 9	B9	9.29	8.64	127	57	67	2284	30.0C	76.133
.000	1268	196	621	18:51:25	-24:48:20	187431	0: 6	1:37	B8	7.50	.00	351	71	237?	1966?	3.0L	655.333
.533	1269	221	633	18:51:42	-25:20:37	187441	0: 2	0:46	A0	9.00	.00	270	6	255?	59?L	3.0L	19.667
.533	1270	276	633	18:51:56	-26:21:39	187448	-0:14	-0: 1	B3	2.14	.00	484	6302	93	849817	30.0C	28327.233
.600	1271	537	707	18:51:59	-32: 4:42	210720	-0:20	0:36	B9	8.87	8.43	104	36	66	1069 L	30.0C	35.633
.333	1272	529	726	18:52: 4	-32: 5:55	210720	-0:14	-0:37	B9	8.87	8.43	326	1374	284?	726	3.0L	242.000
.667	1273	266	655	18:52:22	-26:20:28	187448	0:12	1:10	B3	2.14	.00	511	9000?	273?	367978	3.0L	122659.333
.667	1274	471	719	18:52:46	-30:52:33							312	331	281?	2370?	3.0L	790.000
.000	1275	123	597	18:52:59	-23:13:52	187468	-0: 0	0:29	B8	5.89	.00	389	344	64	41687	30.0C	1389.567
.787	1276	839	829	18:53: 1	-38:54: 0	210737?	-0:21	-6:49	B9	8.56	8.27	277	10?	261?	193?L	3.0L	64.333
.400	1277	565	747	18:53: 4	-32:57:52							308	419	278?	2313?	3.0L	771.000
.00	1278	114	615	18:53: 7	-23:12:60	187468	0: 8	1:21	B8	5.89	.00	407	153	190	10087	3.0L	3362.333
.667	1279	701	787	18:53:12	-35:56:43	210730	0:13	-0:27	B9	8.90	8.55	314	16	278	435	3.0L	145.000
.300	1280	708	770	18:53:19	-35:56:15	210730	0:20	0: 1	B9	8.90	8.55	106	41	70	1131	30.0C	37.700
.800	1281	592	738	18:53:24	-33:24:16	210749	-0:16	-0:31	B9	7.16	.00	259	113	70	9467 L	30.0C	315.567
.833	1282	767	812	18:53:37	-37:24:42	210734	0:20	-0: 9	B5	5.41	.00	461	276	276	24930	3.0L	8310.000
.533	1283	583	758	18:53:38	-33:23:22	210749	-0: 2	0:24	B9	7.16	.00	370	2000?	275?	18409 H	3.0L	6136.333
.987	1284	842	817	18:53:40	-38:50: 6	210737	0:18	-2:55	B9	8.56	8.27	98	18	72	407?L	30.0C	13.567
.100	1285	776	795	18:53:43	-37:25:28	210734?	0:26	-0:55	B5	5.41	.00	409	583	77	77456	30.0C	2581.867
.	1286	153	635	18:53:45	-24: 4:32	187482	0: 6	-0:25	A2	9.10	.00	230	21	196	533?H	3.0L	177.667
.	1287	402	696	18:54:14	-29:16:13	NO						107	24	77	577	30.0C	19.233
.	1288	379	696	18:54:43	-28:47:59	187511	-0:21	1:14	B9	8.68	.00	152	72	78	3413	30.0C	113.767
.	1289	109	635	18:54:52	-23:14:48	187499	0:17	1:36	A0	9.30	.00	203	7	179	157?	3.0L	52.333
.	1290	370	715	18:54:52	-28:46:54	187511	-0:13	2:20	B9	8.68	.00	353	1979	274?	22279 H	3.0L	7426.333
.7	1291	628	764	18:54:57	-34:16:29	210769/	0: 2	3:46	B9	8.96	8.57	241	121	71	9215	30.0C	307.167
.	1292	628	764	18:54:57	-34:16:29	210776/	-0:13	0:28	B9	7.17	.00	241	121	71	9215	30.0C	307.167
.	1293	212	670	18:55: 4	-25:24:40	187508	0:14	3:27	A5	9.30	.00	257	6	234	119?	3.0L	39.667
.	1294	849	834	18:55: 6	-39: 3:31	210764	0:19	-2:23	A0	8.94	8.63	104	41	72	1111	30.0C	37.033
.987	1295	656	774	18:55: 9	-34:54:50	210772	0: 0	-0:36	A0	8.29	8.12	109	38	72	1072 L	30.0C	35.733
.	1296	619	784	18:55:10	-34:16:45	210769?	0:14	3:30	B9	8.96	8.57	362	32	288	1371	3.0L	457.000
.	1297	619	784	18:55:10	-34:16:45	210776	-0: 0	0:12	B9	7.17	.00	362	32	288	1371	3.0L	457.000
7	1298	292	697	18:55:17	-27: 6:48	187513	0: 6	-1:10	B9	8.80	.00	304	15	287?	60?L	3.0L	20.000
.00	1299	547	767	18:55:17	-32:42: 5	210774?	0: 7	-5:41	A5	9.96	9.77	310	303	281?	1803?H	3.0L	601.000
.00	1300	187	665	18:55:18	-24:54:30	187517	0: 1	2:12	A0	6.60	.00	320	72	226?	2648	3.0L	882.667

SGR OVEREXP RA 18:34 DEC -30:24

OBJECT NO.	X	Y	R.A.	DEC.	SAO NO.	Δ R.A.	Δ DEC.	SPEC. TYPE	V MAG.	P MAG.	PEAK DEN.	NO. OF POINTS	BG	DENSITY VOLUME	EXP.& FILTER	DEN.VOL/ EXP.
1301	82	615	18:55:30	-22:32:29	187519	0: 6	3:24	A2	6.04	.00	98	75	55	2306 L	30.0C	76.867
1302	195	650	18:55:34	-24:54:24	187517	0:17	2:19	A0	6.60	.00	239	135	71	10642	30.0C	354.733
1303	328	713	18:55:45	-27:55:23	187522?	0: 9	5:43	A3	9.30	.00	294	34	273?	202?	3.0L	67.333
1304	206	658	18:55:55	-25: 9:59	187532	0: 3	2:10	B8	8.40	.00	191	114	77	6343	30.0C	211.433
1305	197	675	18:55:57	-25: 9:55	187532	0: 5	2:14	B8	8.40	.00	312	32	228	1340	3.0L	446.667
1306	257	694	18:55:57	-26:25: 6							345	975	259?	29201?	3.0L	9733.667
1307	250	693	18:56: 2	-26:16:20	187534	0: 4	-0:39	A0	8.50	.00	279	6	260?	68?L	3.0L	22.667
1308	201	679	18:56: 7	-25:15:44	187532	0:15	-3:36	B8	8.40	.00	246	4	224	80?L	3.0L	26.667
1309	237	690	18:56:10	-25:59:60	187542	-0:15	0:55	B8	8.60	.00	291	48	250	1176?	3.0L	392.000
1310	301	711	18:56:14	-27:22: 4	187536?	0: 2	-7:16	A0	9.20	.00	302	86	276?	678?H	3.0L	226.000
1311	242	695	18:56:24	-26: 7:22	187545	-0:11	-2:39	A2	9.00	.00	278	24	260?	178?	3.0L	59.333
1312	428	749	18:56:25	-30: 9:31							318	745	280?	4073?	3.0L	1357.667
1313	536	758	18:56:32	-32:22: 0	210797?	-0: 3	5:31	A5	9.08	9.05	194	84	74	5348 H	30.0C	178.267
1314	536	758	18:56:32	-32:22: 0	210798	-0:16	0:33	A0	8.57	8.11	194	84	74	5348 H	30.0C	178.267
1315	527	777	18:56:38	-32:21:60	210798	-0:10	0:33	A0	8.57	8.11	370	27	291	1256	3.0L	418.667
1316	586	794	18:56:47	-33:40:37	210806	-0:16	0:12	A0	8.87	.00	313	5	286	107?L	3.0L	35.667
1317	168	656	18:56:49	-24:25:35	187551	-0: 2	2:31	B8	8.40	.00	161	112	64	5817	30.0C	193.900
1318	159	675	18:56:56	-24:25:54	187551	0: 5	2:12	B8	8.40	.00	266	36	209	1161	3.0L	387.000
1319	335	730	18:57: 0	-28:10:27	187552	0: 8	-3:12	A2	7.71	.00	305	6	275	164?L	3.0L	54.667
1320	320	706	18:57: 2	-27:39:34	187563?	-0:23	3:23	A0	8.20	.00	138	55	80?	2369	30.0C	78.907
1321	255	710	18:57:19	-26:28:58							305	119	264?	2171?	3.0L	727.000
1322	750	834	18:58: 6	-37: 8:25	210815/	0:26	-0:30	B8	6.84	.00	400	461	77	58758	30.0C	1958.600
1323	750	834	18:58: 6	-37: 8:25	210816/	0:25	-0:27	B8	6.62	.00	400	461	77	58758	30.0C	1958.600
1324	741	852	18:58: 7	-37: 7:58	210815/	0:26	-0: 3	B8	6.84	.00	443	182	283	14244	3.0L	4748.000
1325	741	852	18:58: 7	-37: 7:58	210816/	0:25	0: 0	B8	6.62	.00	443	182	283	14244	3.0L	4748.000
1326	114	656	18:58: 8	-23:23:45	187566?	0:31	-2:54	A3	9.40	.00	94	6	57	179?	30.0C	5.967
1327	513	771	18:58:16	-31:57:59							131	7	74	239?	30.0C	7.967
1328	232	716	18:58:29	-26: 4:48	187583	-0: 7	-0: 9	A0	8.20	.00	260	21	234	473?	3.0L	157.667
1329	734	857	18:58:42	-37: 0:47	210828/	0:25	-3: 2	A0	6.88	.00	349	19	281	682 L	3.0L	227.333
1330	734	857	18:58:42	-37: 0:47	210829/	0:23	-3:55	B2	.00	.00	349	19	281	682 L	3.0L	227.333
1331	685	842	18:58:43	-35:57:44	210833	0:17	-1:16	A0	8.07	7.80	315	15	280	403 L	3.0L	134.333
1332	693	824	18:58:44	-35:56:57	210833	0:18	-0:29	A0	8.07	7.80	130	56	73?	2356	30.0C	78.533
1333	285	736	18:58:45	-27:13:11	187587	-0: 3	4: 4	A0	9.40	.00	289	22	255?	462?	3.0L	154.000
1334	285	736	18:58:45	-27:13:11	187589?	-0: 4	-3:10	A3	9.50	.00	289	22	255?	462?	3.0L	154.000
1335	677	843	18:59: 2	-35:48:23	210841	0:16	-0:40	A0	9.83	9.48	304	4	282	82?L	3.0L	27.333
1336	279	738	18:59: 5	-27: 6:36	187589	0:15	3:25	A3	9.50	.00	286	34	263?	381?	3.0L	127.000
1337	417	756	18:59: 5	-29:55:49	187600	-0:21	1:24	A2	2.71	.00	375	197	77?	26013	30.0C	867.100
1338	408	775	18:59: 7	-29:54:22	187600	-0:18	2:51	A2	2.71	.00	410	1500?	278?	10765 L	3.0L	3588.333
1339	284	740	18:59: 8	-27:13:18	187587?	0:20	3:57	A0	9.40	.00	284	12	258	206?	3.0L	68.667
1340	284	740	18:59: 8	-27:13:18	187589	0:19	-3:17	A3	9.50	.00	284	12	258	206?	3.0L	68.667
1341	125	672	18:59:11	-23:41:54	187595	-0: 1	4: 9	A0	8.60	.00	108	78	60	2519 H	30.0C	83.967
1342	626	832	18:59:19	-34:42: 5	210852	0: 4	0:13	B9	7.21	.00	389	75?	286	1300 L	3.0L	433.333
1343	548	792	18:59:21	-32:48:28	210856?	-0:26	0:41	A0	8.10	7.76	134	62	77	2359	30.0C	78.633
1344	739	845	18:59:23	-36:59:29							132	13	74	454?	30.0C	15.133
1345	634	815	18:59:24	-34:42:48	210852	0:10	-0:30	B9	7.21	.00	258	122	75	9925	30.0C	330.833
1346	114	692	18:59:31	-23:40:34	187595?	0:19	5:29	A0	8.60	.00	221	27	190	647	3.0L	215.667
1347	758	873	18:59:32	-37:35:25	210858	-0:17	-1:49	A5	10.00	10.40	299	10?	276	120?H	3.0L	40.000
1348	641	839	18:59:35	-35: 3:38	NO						310	9	283	229	3.0L	76.333
1349	701	836	18:59:37	-36:10: 2	210853	0:15	0: 9	A0	7.22	.00	127	65	75	2353 L	30.0C	78.433
1350	693	855	18:59:42	-36:11: 6	210853	0:20	-0:55	A0	7.22	.00	320	5	287	141 L	3.0L	47.000
1351	255	738	18:59:43	-26:39: 9	187609	-0:14	-2:56	A0	9.30	.00	284	31	263?	267?	3.0L	89.000
1352	243	736	18:59:55	-26:24:21	187606	0: 9	0:45	A0	9.00	.00	269	14	245?	266?	3.0L	88.667
1353	402	762	18:59:55	-29:39:13	187614?	-0:28	2: 5	A0	8.60	.00	111	22	82	550 L	30.0C	18.333
1354	246	739	19: 0: 2	-26:28:38	187606	0:15	-3:32	A0	9.00	.00	276	7	244	200?L	3.0L	66.667
1355	394	781	19: 0: 2	-29:39:19	187614?	-0:22	1:59	A0	8.60	.00	328	22	283	674	3.0L	224.667
1356	750	876	19: 0: 3	-37:26:43	210858?	0:14	6:52	A5	10.00	10.40	281	8	273?	30?	3.0L	10.000
1357	284	751	19: 0: 7	-27:18: 7	187608?	0:12	-6: 2	A3	9.00	.00	284	22	264?	267?	3.0L	89.000
1358	249	742	19: 0:12	-26:34:26	187609	0:14	1:47	A0	9.30	.00	280	27	251	573?	3.0L	191.000
1359	539	821	19: 0:17	-32:52:31	210856?	0:30	-3:21	A0	8.10	7.76	312	7	289	138?L	3.0L	46.000
1360	257	749	19: 0:38	-26:46:23	187629?	-0:26	0:14	A0	9.40	.00	282	10	250?	247?	3.0L	82.333
1361	477	809	19: 0:38	-31:31:52	210876	-0:14	0: 1	A0	8.98	8.55	329	13	292	351?	3.0L	117.000
1362	253	750	19: 0:49	-26:41:53	187629	-0:14	4:44	A0	9.40	.00	279	8	254?	155?	3.0L	51.667
1363	465	789	19: 0:52	-31: 5:41	210883	-0:21	1:39	A0	5.53	.00	350	211	73?	23115	30.0C	770.500
1364	456	807	19: 0:53	-31: 5:24	210883	-0:20	1:56	A0	5.53	.00	414	69	284	4481	3.0L	1493.667
1365	257	752	19: 0:55	-26:47:22	187629	-0: 9	-0:45	A0	9.40	.00	276	43	258?	366?	3.0L	122.000
1366	260	757	19: 1:12	-26:52:18	187629?	0: 8	-5:41	A0	9.40	.00	281	34	256?	437?	3.0L	145.667
1367	451	810	19: 1:17	-31: 0:17	210894	-0:16	1: 9	A0	8.73	8.29	322	8	293	158 L	3.0L	52.667
1368	251	755	19: 1:19	-26:41: 6	187629?	0:15	5:31	A0	9.40	.00	282	71	258?	557?	3.0L	185.667
1369	275	767	19: 1:39	-27:13:21	187639	0: 8	-0:59	A2	8.80	.00	283	50?	251?	1821?H	3.0L	607.333
1370	279	768	19: 1:39	-27:18:30	187639?	0: 8	-6: 8	A2	8.80	.00	279	4	253	93?L	3.0L	31.000
1371	731	867	19: 1:40	-36:57:26	210888	0:18	-2:14	A0	8.19	8.04	106	31	76	743 L	30.0C	24.767
1372	731	867	19: 1:40	-36:57:26	210907?	-0:27	-0:21	A2	9.71	9.96	106	31	76	743	30.0C	24.767
1373	190	722	19: 1:44	-25:14:58	187644	0: 2	3:26	A0	6.87	.00	114	75	65	2667	30.0C	88.900
1374	179	739	19: 1:48	-25:12:34	187644?	0: 6	5:50	A0	6.87	.00	248	20	214	512?L	3.0L	170.667
1375	783	887	19: 2: 6	-38: 6:28	210895?	0:30	-4:15	B9	7.21	.00	178	145	75	7766	30.0C	258.867
1376	774	906	19: 2:12	-38: 6:16	210895?	0:36	-4: 2	B9	7.21	.00	318	15	274	452 L	3.0L	150.667
1377	360	798	19: 2:17	-29: 5:38	187661	-0:20	3:52	B8	6.92	.00	394	58	278	3156	3.0L	1052.000
1378	369	781	19: 2:22	-29: 6: 8	187661	-0:16	3:21	B8	6.92	.00	297	140	77?	13447	30.0C	448.233
1379	489	815	19: 2:42	-31:44:17	210925	-0:13	2: 4	A0	8.15	7.91	161	78	79	3853	30.0C	128.433
1380	480	834	19: 2:43	-31:43:59	210925	-0:13	2:22	A0	8.15	7.91	324	13	293	321 L	3.0L	107.000
1381	274	783	19: 3: 6	-27:18:30	187672	-0: 6	3:23	B8	7.17	.00	359	86	263	3175	3.0L	1058.333
1382	436	827	19: 3: 7	-30:48:19	210935	-0:13	-3:58		9.96	10.65	306	5	282	114?	3.0L	38.000
1383	282	767	19: 3:12	-27:17:42	187672	0: 0	4:11	B8	7.17	.00	239	129	81	9798	30.0C	326.600
1384	288	794	19: 3:41	-27:38:37	187683?	-0: 8	6: 6	K0	3.42	.00	284	7	262	130?	3.0L	43.333
1385	123	748	19: 3:54	-24:11: 5	187684?	0: 5	5:16	B9	8.70	.00	214	4	192	83?L	3.0L	27.667
1386	123	748	19: 3:54	-24:11: 5	187696	-0:19	1:31	A2	9.50	.00	214	4	192	83?L	3.0L	27.667
1387	130	734	19: 4:12	-24: 9:34	187696	-0: 1	3: 3	A2	9.50	.00	85	21	60	471	30.0C	15.700
1388	140	758	19: 4:19	-24:34:20	187694	0: 7	1:49	A0	8.00	.00	223	5	200	107?L	3.0L	35.667
1389	540	868	19: 4:26	-33: 9:46							315	276	273?	4192?	3.0L	1397.333
1390	662	880	19: 4:36	-35:38:54	210968	-0:12	-1:55	A0	9.61	9.26	109	32	76	829	30.0C	27.633
1391	465	834	19: 4:52	-31:21:33	210970	-0:10	4: 8	A0	.00	.00	157	85	78	3999	30.0C	133.300
1392	465	834	19: 4:52	-31:21:33	210977?	-0:32	2:11	B9	8.73	8.30	157	85	78	3999	30.0C	133.300
1393	529	871	19: 4:60	-32:57:19							315	781	278?	6485?	3.0L	2161.667
1394	333	824	19: 5:10	-28:43:11	187726?	-0:27	-6:42	A0	9.00	.00	295	7	271	146?L	3.0L	48.667
1395	456	855	19: 5:14	-31:23:43	210970/	0:11	1:58	A0	.00	.00	322	12	287	322	3.0L	107.333
1396	456	855	19: 5:14	-31:23:43	210977/	-0:11	0: 1	B9	8.73	8.30	322	12	287	322	3.0L	107.333
1397	187	783	19: 5:18	-25:38: 7	187717	0:16	3:13	A0	9.00	.00	232	4	210	85?L	3.0L	28.333
1398	149	753	19: 5:20	-24:39:17	187718	0: 9	4:56	B9	6.24	.00	286	203	62	18679	30.0C	622.633
1399	139	770	19: 5:22	-24:38:11	187718?	0:11	6: 2	B9	6.24	.00	331	89	200	4489?	3.0L	1496.333
1400	458	862	19: 5:45	-31:27:58	210977?	0:21	-4:14	B9	8.73	8.30	309	14	280	371?	3.0L	123.667

OBJECT NO.
1401
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#BRKPT P

SGR OVEREXP RA 18:34 DEC -30:24

OBJECT NO.	X	Y	R.A.	DEC.	SAO NO.	Δ R.A.	Δ DEC.	SPEC. TYPE	V MAG.	P MAG.	PEAK DEN.	NO. OF POINTS	BG	DENSITY VOLUME	EXP.& FILTER	DEN.VOL/ EXP.
1401	430	835	19: 5:46	-30:40:29	210987	-0:10	1:55	A0	7.89	.00	120	47	77	1447 L	30.0C	48.233
1402	158	782	19: 5:55	-25: 4:28	187728?	0:12	5: 7	B9	6.76	.00	359	116	201	6835	3.0L	2278.333
1403	167	765	19: 5:55	-25: 4:24	187728	0:12	5:11	B9	6.76	.00	297	197	64	19325	30.0C	644.167
1404	489	854	19: 6: 3	-31:58:58	211001	-0:26	1:11	B5	9.52	8.91	189	112	78	6374	30.0C	212.467
1405	220	804	19: 6:15	-26:23:52	187758?	-0:34	4:34	A0	9.00	.00	253	5	230	101 L	3.0L	33.667
1406	478	874	19: 6:17	-31:56:50	211001	-0:12	3:18	B5	9.52	8.91	362	200?	280?	7876 H	3.0L	2625.333
1407	422	861	19: 6:29	-30:45: 7	210987?	0:32	-2:43	A0	7.89	.00	302	9	274	216 L	3.0L	72.000
1408	604	907	19: 6:35	-34:42:41	210998	0:13	3: 9	A0	8.21	7.89	314	17	286	420 L	3.0L	140.000
1409	227	812	19: 6:42	-26:35:43	187751	-0: 1	1:41	A0	8.50	.00	261	6	234	140?L	3.0L	46.667
1410	615	891	19: 6:44	-34:46: 6	210998	0:22	-0:17	A0	8.21	7.89	114	40	77	1093 L	30.0C	36.433
1411	685	909	19: 6:46	-36:17:16	210996?	0:30	-2:30	B9	6.58	.00	297	179	77	16760	30.0C	558.667
1412	499	886	19: 6:54	-32:27:10	211004?	0:21	-7: 2	A5	8.93	8.84	312	5	286	118?	3.0L	39.333
1413	675	929	19: 6:59	-36:16: 9	210996?	0:43	-1:24	B9	6.58	.00	362	48	304	1519 L	3.0L	506.333
1414	419	876	19: 7:50	-30:46:54	211019	0: 8	-1:39	A5	10.10	9.76	308	10?	283?	120?H	3.0L	40.000
1415	419	876	19: 7:50	-30:46:54	211026?	-0:20	-3:51	A3	9.71	9.53	308	10?	283?	120?H	3.0L	40.000
1416	192	815	19: 7:54	-25:56:17	187776	0: 2	3:22	B9	8.50	.00	252	23	225	614	3.0L	204.667
1417	248	832	19: 7:55	-27: 8:11	187792?	-0:31	1:25	A0	8.60	.00	281	26	254	438?	3.0L	146.000
1418	370	846	19: 8: 4	-29:31:45	187786	-0: 5	3:23	B9	6.25	.00	378	218	76?	28544	30.0C	951.467
1419	199	800	19: 8: 7	-25:54:27	187776	0:15	5:12	B9	8.50	.00	119	85	67	2951	30.0C	98.367
1420	234	830	19: 8: 8	-26:50:58	NO						267	25	243?	445	3.0L	148.333
1421	361	866	19: 8:14	-29:33:24	187786	0: 5	1:44	B9	6.25	.00	370	556	277?	9393	3.0L	3131.000
1422	273	846	19: 8:32	-27:42:25	NO						293	9	259	255	3.0L	85.000
1423	242	838	19: 8:35	-27: 2:47	187792?	0:10	6:49	A0	8.60	.00	272	9	247	191?L	3.0L	63.667
1424	554	921	19: 9: 1	-33:46:58	211046?	-0:27	8:54	A0	7.30	.00	317	4	294	86?L	3.0L	28.667
1425	267	851	19: 9: 7	-27:36:41	NO						287	4	265	86	3.0L	28.667
1426	667	935	19: 9:38	-36: 4:57	211039	0:39	-3:24	B5	10.20	9.62	138	93	77?	3787	30.0C	126.233
1427	660	954	19: 9:40	-36: 7:11	211043?	0:24	7:26	A2	8.95	8.87	325	6	300	120 L	3.0L	40.000
1428	371	865	19: 9:40	-29:40:47	187830	-0:17	2:35	B9	8.10	.00	143	78	75?	4044	30.0C	134.800
1429	568	911	19: 9:40	-33:55:42	211045/	0:13	0:31	A0	7.86	.00	375	214	77?	27189 H	30.0C	906.300
1430	568	911	19: 9:40	-33:55:42	211046/	0:13	0:10	A0	7.30	.00	375	214	77?	27189 H	30.0C	906.300
1431	558	930	19: 9:47	-33:54:24	211045/	0:20	1:49	A0	7.86	.00	419	105	303	5940 H	3.0L	1980.000
1432	558	930	19: 9:47	-33:54:24	211046/	0:20	1:28	A0	7.30	.00	419	105	303	5940 H	3.0L	1980.000
1433	431	881	19: 9:48	-30:58:31	211054/	-0:13	2:15	A0	9.07	8.71	110	25	75?	720	30.0C	24.000
1434	431	881	19: 9:48	-30:58:31	211057/	-0:14	2: 7	A0	8.80	9.01	110	25	75?	720	30.0C	24.000
1435	255	859	19:10: 4	-27:27: 0							288	67	255	1408?	3.0L	469.333
1436	359	886	19:10: 5	-29:39:23	187830	0: 7	3:59	B9	8.10	.00	307	24	272	469 L	3.0L	156.333
1437	456	910	19:10: 8	-31:44:22	211066?	-0:25	6: 9	A0	9.39	8.97	308	5	282	116?L	3.0L	38.667
1438	273	868	19:10:29	-27:51:30	187840?	0:16	6:51	A5	9.20	.00	284	55	273?	429?H	3.0L	143.000
1439	422	906	19:10:30	-31: 3: 4	211054?	0:29	-2:18	A0	9.07	8.71	310	4	285	89?L	3.0L	29.667
1440	422	906	19:10:30	-31: 3: 4	211057?	0:28	-2:25	A0	8.80	9.01	310	4	285	89?L	3.0L	29.667
1441	422	906	19:10:30	-31: 3: 4	211069	-0:15	-3:48	A0	10.00	9.51	310	4	285	89?	3.0L	29.667
1442	176	823	19:10:37	-25:36:12	187841	0:20	0:59	A0	9.10	.00	100	4	65	126?L	30.0C	4.200
1443	251	868	19:10:58	-27:24:52	187861?	-0:25	3: 6	A0	8.50	.00	284	36	253?	775?	3.0L	258.333
1444	325	871	19:11:12	-28:49: 5	187864	-0:16	2:53	B8	9.20	.00	124	60	75?	2203	30.0C	73.433
1445	313	889	19:11:19	-28:46:51	187864?	-0: 8	5: 8	B8	9.20	.00	307	8	276	210 L	3.0L	70.000
1446	257	855	19:11:24	-27:22:27	187861?	0: 1	5:31	A0	8.50	.00	113	61	73?	2024	30.0C	67.467
1447	247	873	19:11:29	-27:22:44	187861?	0: 6	5:14	A0	8.50	.00	291	89	260?	1061?	3.0L	353.667
1448	432	902	19:11:43	-31: 8:16	211085	0: 6	2: 1	A0	8.94	8.47	109	29	75?	870	30.0C	29.000
1449	250	877	19:11:47	-27:27:34	187861?	0:24	0:25	A0	8.50	.00	292	51	257?	1028?	3.0L	342.667
1450	255	879	19:11:51	-27:34:12	187861?	0:28	-6:14	A0	9.50	.00	292	5	269	104?L	3.0L	34.667
1451	267	889	19:12:23	-27:52:36	187884	-0:10	4: 4	A0	9.00	.00	298	30	270	766?	3.0L	255.333
1452	605	952	19:12:32	-34:55: 9	NO						233	150	80?	11364	30.0C	378.800
1453	277	876	19:12:45	-27:53:49	187884	0:13	2:52	A0	9.00	.00	104	7	75?	185?L	30.0C	6.167
1454	597	972	19:12:46	-34:57:58	NO						343	38	297	1216	3.0L	405.333
1455	277	896	19:12:48	-28: 6:46	187891	-0: 7	-4:34	A2	9.20	.00	301	14	275	343?	3.0L	114.333
1456	545	943	19:12:58	-33:38:18	211100/	0:27	-1:10	A0	7.38	.00	347	227	80?	26247	30.0C	874.900
1457	545	943	19:12:58	-33:38:18	211101/	0:24	1:50	B8	9.03	8.38	347	227	80?	26247	30.0C	874.900
1458	535	962	19:13: 3	-33:38:12	211100/	0:32	-1: 5	A0	7.38	.00	402	85	302	4980 H	3.0L	1660.000
1459	535	962	19:13: 3	-33:38:12	211101/	0:29	1:55	B8	9.03	8.38	402	85	302	4980 H	3.0L	1660.000
1460	510	961	19:13:23	-33: 8:29	211113	0:14	0:42	A0	8.86	8.55	319	10	292	234?	3.0L	78.000
1461	586	957	19:13:28	-34:33:26	211110	0:27	-1:21	A0	8.98	8.58	126	62	85	1855	30.0C	61.833
1462	484	961	19:13:52	-32:36:36	211132?	-0:25	-1:14	A0	8.84	8.63	318	13	284	356?	3.0L	118.667
1463	299	918	19:14:13	-28:41:58	187922?	-0: 7	-7:59	A5	8.90	.00	303	7	274	169?	3.0L	56.333
1464	402	950	19:14:53	-30:55:52	211155?	-0:29	-0:40	A0	9.20	8.81	305	4	282	87?L	3.0L	29.000
1465	509	983	19:15:22	-33:15:26	211148	0:16	-0:47	B8	7.52	.00	396	111	274	6756 H	3.0L	2252.000
1466	518	966	19:15:32	-33:13:36	211148	0:25	1: 2	B8	7.52	.00	362	224	88	24884	30.0C	829.467
1467	396	957	19:15:38	-30:51:44	211155	0:16	3:28	A0	9.20	8.81	317	61	285	1552	3.0L	517.333
1468	459	979	19:16:26	-32:15:51	211182?	-0:30	5:14	A0	9.74	9.43	321	14	277	393?	3.0L	131.000

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