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AN ATLAS OF H II REGIONS IN NEARBY SEYFERT GALAXIES

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ABSTRACT

Continuum-subtracted Hα images of 17 nearby Seyfert galaxies are presented. The images are calibrated astrometrically using the *Hubble Space Telescope* Guide Star Catalog reference frame. For each galaxy, an inventory of H II regions detected using the COSMOS image classifier and centroider is provided. Salient features of each galaxy are described, including the distribution of the H II regions with reference to the galaxy morphology. Relevant abundance data from the literature are noted for each object. These images will find use as finding charts for follow-up spectrophotometric investigations of abundances, abundance gradients, and kinematics of H II regions in active galaxies, and for detailed studies of H II region populations in these objects.

Subject headings: atlases — galaxies: Seyfert — H II regions

1. INTRODUCTION

Detailed photoionization models for active galactic nuclei (AGNs) have been developed over the past two decades, yet the elemental abundances of the near-nuclear gas have not been thoroughly investigated. Since the cooling efficiency of the interstellar gas, and therefore the predicted emission-line spectrum, is strongly dependent on the relative abundances of the elements heavier than helium (in particular oxygen), an accurate knowledge of the elemental abundances present in the near nuclear gas is critical for the precise application of these models. Virtually all extant AGN photoionization models *assume* that the elemental abundances are a priori solar, or very nearly so. Other models have attempted to estimate the relative abundances of the principal elements by *assuming* a given form for the ionizing spectrum and adjusting the predicted emission-line strengths to match the observations by altering the elemental abundances. For example, using this technique, Storchi-Bergmann & Pastoriza (1990) have concluded that the nitrogen abundance of the narrow-line region of a sample of 177 low-ionization nuclear emission-line regions (LINERs) and Seyfert 2 galaxies can reach up to 5 times the solar value. This technique has gained considerable popularity over the last 5 years, since the *Hubble Space Telescope* has provided the capability to obtain spatially resolved spectrophotometry of the narrow line region in nearby AGNs. Although these data provide significant new and valuable constraints for the models of the ionized material in the active nucleus, the technique involves a circular argument. Since the form of the input ionizing spectrum is observationally very poorly determined at best, the abundance estimated using this method have very large uncertainties.

Rather than assuming solar ratio elemental abundances, a much better alternative is to determine them observationally from studies of objects whose physics is relatively well understood. Giant extragalactic H II regions located within the active galaxy form an excellent choice for this analysis.

The physics of H II regions forms a simple application of Strömgren's photoionization theory. For the simplest case of a pure hydrogen Strömgren sphere, a direct analytic solution for the ionization equilibrium can be computed. In practical cases in which the relative abundances of the elements other than hydrogen are nonzero, numerical solutions to the ionization balance equations are required. The number of parameters in these models is small, and they are well constrained observationally. Since the exciting photon spectrum is dominated by the hottest and most luminous members of the ionizing OB association (Shields & Searle 1978), only the elemental abundances and a dimensionless "ionization parameter" are free parameters. Furthermore, empirical studies of giant extragalactic H II regions have shown that the ionization parameter and the element-averaged metallicity are correlated statistically (Dopita & Evans 1986). Therefore, one can determine statistically the abundances of the principal elements responsible for cooling the gas directly solely from the measured relative intensities of the strongest emission lines found in the H II region spectra.

Because of this simplicity, giant extragalactic H II regions have been used extensively as observational probes of the properties and physical conditions (for example, elemental abundances, electron density, ionization temperature) of the interstellar medium (ISM) in normal galaxies that have little or no nuclear activity (e.g., Dinerstein 1990, and references cited therein). However, detailed studies of giant H II regions in galaxies with active nuclei are limited in number (e.g., Pagel et al. 1979; Hawley & Phillips 1980; Evans & Dopita 1987; Zaritsky, Kennicutt, & Huchra 1994; Storchi-Bergmann, Wilson, & Baldwin 1995; Storchi-Bergmann, Ardila, & Wilson 1996).

Observations of giant extragalactic H II regions in normal galaxies have shown that, statistically, early-type galaxies have shallow abundance gradients and high overall abundances, whereas late-type spirals typically have steep abundance gradients with low abundances near their Holm-

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berg radii (e.g., Shields & Searle 1978; Pagel, Edmunds, & Smith 1980; Edmunds & Pagel 1984; Evans 1986; Roy & Walsh 1987, 1988; Walsh & Roy 1989). With the exception of irregular galaxy morphologies for which often no clear trends are visible, elemental abundances tend to increase toward the nucleus irrespective of the Hubble type of the galaxy. Radial inflows of material are required in many chemical evolution models to explain the observed abundance gradients in normal spiral galaxies (e.g., Tinsley & Larson 1978; Mayor & Vigroux 1981; Lacey & Fall 1985).

In contrast to the extensive studies revealing a wide range of elemental abundances and abundance gradients in normal galaxies, the situation in active galaxies is at present poorly understood. Early observations of H II regions in Seyfert galaxies suggest that the elemental abundances are typically solar or higher, and that the abundance gradients are shallow (Pagel et al. 1979; Hawley & Phillips 1980; Evans & Dopita 1987). More recent determinations of the chemical abundances of H II regions in four other active galaxies (Storchi-Bergmann et al. 1995, 1996) indicate substantial radial abundance gradients and nuclear abundances typically twice solar.

A comprehensive study of the chemical abundances in a statistically complete sample of active galaxies is needed to reach more firm conclusions about the overall abundances and abundance gradients in these objects. Once the radial abundance gradients are well determined, the observed gradient can be extrapolated to derive the elemental abundances in the nucleus. This would then provide a powerful observational basis for constraining the elemental abundances used in photoionization models of the active nucleus itself. A caveat to this method is that within the nuclear ionization region, abundances determined from simple H II region models (assuming no nuclear radiation field) may be artificially low. This is because the central source of nuclear activity may partially ionize the circumnuclear gas, so raising its ionization parameter. If the conditions in the gas were appropriate, the intensities of the lines emitted by the principal coolants would be increased, and this could mimic the emission-line spectrum from an H II region with lower elemental abundances. Since the signature of this effect is an abundance gradient that apparently *decreases* inward (Evans & Dopita 1987), it is easy to identify which H II regions are affected by the nuclear ionizing radiation field and apply an appropiate correction.

If the abundance gradients seen in active galaxies are statistically different from their counterparts in normal galaxies of similar Hubble type, implying that there is an intrinsic relationship with the nuclear activity rather than a simple dependence on morphological type, then observations of the local ISM will provide a very powerful tool to determine just how the nuclear activity affects the chemical evolution of the ISM in the parent galaxy. There are many ways in which nuclear activity may alter the chemical evolution of the galaxy. For example, nuclear winds, shocks, and radio jets may provide substantial kinetic energy input into the local interstellar medium, resulting in enhanced star formation rates and therefore significantly increased chemical enrichment of the gas through enhanced supernova production. Such processes could result in substantial radial mixing of the ISM through the interaction of nuclear outflows (including enhanced supernova winds) with radial inflows, thus unexpectedly minimizing, rather than enhancing, radial abundance gradients. Strong radial flows are predicted by many galaxy evolutionary models and act to efficiently mix the ISM and so eliminate discontinuities in the physical and chemical properties of the interstellar medium as a function of radius. On the other hand, the few observations of disk H II regions in Seyfert galaxies that do exist show no clear evidence for abnormal N/O or S/O ratios that would be expected from a supernova formation rate that has been enhanced by nuclear activity (Evans & Dopita 1987). This suggests that enhancements of supernovae and star formation triggered by nuclear shocks and winds may be energetically insignificant or do not greatly modify the local stellar mass function in the disk over the timescale of the nuclear activity. On smaller scales, Storchi-Bergmann & Pastoriza (1990) find evidence for high N/O, and possibly S/O, ratios in the narrow-line regions of some LINERs and Seyfert 2 galaxies, and Storchi-Bergmann et al. (1995) find N/O enhanced above the solar value by a factor of 2–3 in the star-forming rings of NGC 1097 and NGC 1672. A detailed statistical study is required to detect these effects and to differentiate between alternate scenarios.

As a first step toward determining the elemental abundances and abundance gradients in a statistically significant sample of AGNs, in this paper we present continuum-subtracted Hα images and inventories of H II regions for 17 nearby active galaxies. The images are calibrated astrometrically using the *Hubble Space Telescope* Guide Star Catalog (GSC) as the reference frame, and the coordinates of the brightest H II regions in each galaxy are measured. These data can be used as a starting point for further detailed studies of giant H II regons in this sample of active galaxies.

The observations reported here comprise a subset of a sample of galaxies selected on the basis of several criteria. Only nearby active galaxies with radial velocities less than 5000 km s^{-1} reported as having Seyfert characteristics by Véron-Cetty & Véron (1993) are included. To make the atlas a useful starting point for further spectrophotometric work, the sample objects are restricted to have an isophotal diameter as reported by de Vaucouleurs et al. (1991) of no less than 90″ and an isophotal ratio smaller than 2.5:1.

2. OBSERVATIONS AND REDUCTIONS

All the CCD images included in this atlas were obtained as part of other investigations and include a narrow-band interference filter image centered near Hα λ6563 and an associated continuum filter image. Although a narrow filter bandwidth is desirable to isolate pure Balmer emission from the nearby [N II] λλ6548, 6583 doublet, the range of radial velocities spanned by the sample galaxies and the availability of filters prevented the use of such narrow bandpasses. Therefore, the "Hα" images actually include in addition to the Balmer line flux a component from the [N II] doublet. No attempt is made to remove this component, since the [N II] lines are also an emission signature from giant extragalactic H II regions. As indicated in the observation log (Table 1), the image used to remove the galaxy background continuum was obtained either through an interference filter centered on a predominantly line-free region of the spectrum redward of the Hα λ6563 emission line, or through a broadband red filter. In the latter case, the line emission from Hα + [N II] contributes some flux through the broadband filter. However, the flux arising from the galaxy continuum dominates the emission-line

TABLE 1
OBSERVATION LOG

Object	Filter[a]	Detector[a]	Source	Exposure (s)	Date	Classification[b]	Morphology
NGC 788	6648	TI no. 2	KPNO 2.1 m	900	1989 Jan 1	Seyfert 2	SA (s) 0/a
	Harris *R*	TI no. 2	KPNO 2.1 m	300	1989 Jan 1		
NGC 1068......	6606	TI no. 2	KPNO 2.1 m	150	1989 Jan 2	Seyfert 1	(RS) SA (rs) b
	Harris *R*	TI no. 2	KPNO 2.1 m	40	1989 Jan 2		
NGC 1097......	6606/75	Tek 1024 no. 1	CTIO 1.5 m	600	1991 Oct 7	Seyfert 1	SB (s) b
	7099/80	Tek 1024 no. 1	CTIO 1.5 m	600	1991 Oct 7		
NGC 1672......	6606/75	Tek 1024 no. 1	CTIO 1.5 m	600	1991 Oct 7	Seyfert 2	SB (s) b
	7099/80	Tek 1024 no. 1	CTIO 1.5 m	600	1991 Oct 8		
NGC 2782......	6606	RCA no. 2	KPNO 2.1 m	900	1990 Jan 20	Seyfert 2	SAB (rs) a pec
	Harris *R*	RCA no. 2	KPNO 2.1 m	300	1990 Jan 20		
NGC 3081......	6606/75	Tek 1024 no. 1	CTIO 1.5 m	600	1992 Apr 9	Seyfert 2	(R) SAB (r) 0/a
	7099/80	Tek 1024 no. 1	CTIO 1.5 m	600	1992 Apr 9		
NGC 4051......	6563	TI no. 2	KPNO 2.1 m	255	1989 Jan 1	Seyfert 1	SAB (rs) bc
	Harris *R*	TI no. 2	KPNO 2.1 m	20	1989 Jan 1		
NGC 4593......	6606/75	RCA no. 5	CTIO 1.5 m	450	1990 Mar 19	Seyfert 1	(R) SB (rs) b
	Harris *R*	RCA no. 5	CTIO 1.5 m	150	1990 Mar 19		
NGC 4639......	6563	Tek no. 2	KPNO 2.1 m	900	1991 Jun 7	Seyfert 1	SAB (rs) bc
	Harris *R*	Tek no. 2	KPNO 2.1 m	150	1991 Jun 7		
NGC 4939......	6649/76	Tek 2048 no. 3	CTIO 1.5 m	600	1994 Apr 6	Seyfert	SA (s) bc
	7146/80	Tek 2048 no. 3	CTIO 1.5 m	60	1994 Apr 6		
NGC 5033......	6606	TI no. 2	KPNO 2.1 m	900	1988 Dec 30	Seyfert 1	SA (s) c
	Harris *R*	TI no. 2	KPNO 2.1 m	100	1988 Dec 30		
NGC 5427......	6606/75	RCA no. 5	CTIO 1.5 m	900	1990 Mar 21	Seyfert 2	SA (s) c pec
	Harris *R*	RCA no. 5	CTIO 1.5 m	300	1990 Mar 21		
NGC 6300......	6586/40	Tek 1024 no. 1	CTIO 1.5 m	600	1992 Apr 9	Seyfert 2	SB (rs) b
	7099/80	Tek 1024 no. 1	CTIO 1.5 m	600	1992 Apr 9		
NGC 6814......	6606/75	TI no. 2	CTIO 1.5 m	900	1988 Oct 7	Seyfert 1	SAB (rs) bc
	Harris *R*	TI no. 2	CTIO 1.5 m	300	1988 Oct 7		
NGC 7213......	6606/75	Tek 1024 no. 1	CTIO 1.5 m	600	1991 Oct 8	Seyfert 1	SA (s) a
	7099/80	Tek 1024 no. 1	CTIO 1.5 m	600	1991 Oct 8		
NGC 7314......	6606/75	TI no. 2	CTIO 1.5 m	900	1988 Oct 7	Seyfert 1	SAB (rs) bc
	Harris *R*	TI no. 2	CTIO 1.5 m	300	1988 Oct 7		
NGC 7469......	6693/76	TI no. 2	CTIO 1.5 m	225	1988 Oct 7	Seyfert 1	(R) SAB (rs) a
	Harris *R*	TI no. 2	CTIO 1.5 m	75	1988 Oct 7		

[a] KPNO/CTIO designation.
[b] Seyfert classification from Véron-Cetty & Véron 1993.

flux, so that the effect is to decrease slightly the contrast between the line and continuum images.

Standard CCD calibrations, including bias level subtraction and detector flat-field corrections, are applied to the images. No photometric calibrations are applied, however, since these are not available for roughly $\frac{2}{3}$ of the images. Following the standard CCD calibrations, the individual frames are calibrated astrometrically to place the images on the GSC reference frame, and then the continuum frames are subtracted from the emission-line frames to produce a pure Hα (+[N II]) image of the galaxies. These steps are described below.

For each galaxy, an astrometric calibration for the continuum image is computed to place the image on the GSC reference frame. The continuum frame is compared with the GSC plate scans of the same field, and foreground stars common to both the continuum image and the plate scan are identified. Typically, of order 20 stars distributed throughout the continuum frame are visible also on the plate scan. [The continuum frame is used here in preference to the Hα frame since the signal-to-noise ratio (S/N) of the former is generally larger than for the latter. Therefore, a greater number of foreground stars can be identified to determine better the astrometric solution.] The coordinates of the stars identified common to both the continuum image and the GSC plate scans are measured from the latter, and a least-squares polynomial solution relating the (x, y) positions of the stars on the CCD frame to their GSC coordinates is computed. For each CCD frame, a linear polynomial solution incorporating both translation and rotation forms an accurate astrometric calibration for the image.

For most of the continuum images, the root mean square (rms) uncertainties of the derived astrometric solution are $\sim 0\farcs1$ in each axis relative to the GSC reference frame. The worst-case solutions have rms uncertainties of order $0\farcs2$ in each of ξ and η. The accuracy of differential position determinations in a given image is limited by these uncertainties. Absolute astrometry is limited by the astrometric errors inherent in the GSC. The magnitude of these errors depends on the choice of reference catalog but is of order $0\farcs5$ (Russell et al. 1990).

After an astrometric solution is determined for the continuum image, the Hα image is calibrated astrometrically, employing the continuum image as the reference frame. This is done rather than computing a separate solution using the GSC plate scans as a reference because the accuracy with which the on- and off-band images can be subtracted is determined in part by the accuracy with which they can be aligned with each other. Using the calibrated continuum image as the reference frame allows more features common to both the Hα and continuum images to be identified, since the two images have very similar plate scales, whereas the scale of the GSC plate scans is significantly different. The rms uncertainties of the astrometric calibration required to place the Hα image on the same reference frame as the continuum image are typically a few hundredths of an arcsecond in each axis, and therefore they contribute negligibly in quadrature to the total uncertainties discussed above. The astrometric solution for the Hα image is used as the final astrometric calibration for the field.

Once the astrometric calibrations are computed, the continuum image is warped using bilinear interpolation to the same astrometric solution as the Hα image to remove any residual differences between the Hα and continuum astrometric frames. Following warping, the sky mode is determined and removed from each image. Finally, the continuum frame is subtracted from the Hα frame after suitable scaling of the former. The factor by which the continuum frame is scaled is determined by visual inspection of the resulting image and is the maximum value that does not result in areas of negative residual flux in the subtracted image. With the exception of foreground stars (and, for observations obtained using a broadband *R* filter, continuum knots associated with H II regions), the galaxy background detected in the continuum images is morphologically smooth on the scale of a few arcseconds. Therefore, no modifications to either of the Hα or continuum frames are performed to correct for differences between the point-spread functions of the images prior to subtraction.

3. THE ATLAS

For each of the galaxies, the continuum-subtracted Hα image is shown in Figure 1 (Plates 1–17), with an astrometric grid in the GSC reference frame overlain. The presentation in this figure uses a linear intensity display to highlight the H II regions and diffuse Hα emission. In most cases, the dynamic range between the faintest visible H II regions near the sky level and the brightest H II regions is larger than can be accommodated using a single linear intensity scale. Rather than saturating the display of the brightest Hα sources or reducing the contrast between the faintest objects and the sky background to an unacceptable level, we have chosen in these cases to use an intensity scale that is wrapped as necessary to enhance the detail of the H II region morphology. We have chosen further not to edit the images to remove cosmetic defects. In general, such features are readily apparent in the images, allowing the reader to distinguish regions in which care is required when interpreting the data. The differing contributions of stellar continuum fluxes through the on- and off-band filters, and small variations between the point-spread functions for the emission-line and continuum images, produce residual image features for any foreground stars that are included in the field of view of the CCD frames. Although these stellar profiles are not correctly removed in the continuum-subtracted emission-line images, we make no attempt to eliminate them manually since (*a*) the residual stellar features are quite distinctive, and (*b*) their presence aids the reader in identification and orientation of the field on the sky.

The COSMOS image classifier and centroider (Lutz 1979; MacGillivray & Stobie 1984) is used to detect and measure positions of sources in the continuum-subtracted Hα image. Table 2 lists for each galaxy all the COSMOS identified inventory objects that are detected at the 95% confidence level. For each inventory object, the astrometric position of the object center of gravity (equinox J2000), the object area (see below), the integrated and peak pixel intensities above the sky background, the ellipticity ($1 - b/a$, where a is the semimajor axis and b is the semiminor axis), and the P.A. of the major axis, are given. Comparison of the integrated intensity and object area provides a simple estimate of the relative mean surface brightness in emission and can be used as a selection criterion for future spectrophotometric studies.

To identify sources spanning a wide range of peak intensities, several runs of the classifier with different object detection thresholds are executed. The object detection thresholds for each continuum-subtracted Hα image are determined by visual inspection. For emission-line sources that are isolated, the lowest detection threshold that defines the source clearly is used to determine the inventory information for that object. However, if an object is located in a crowded region of the frame, an intensity threshold that is high enough to isolate the source is used. Therefore, the inventory information in Table 2 will understate the total area and integrated intensity for sources in crowded regions. This approach for crowded sources is chosen rather than simply summing over the extended emission region because we expect the inventory information to be used to identify sources for future multiobject fiber spectrograph observations; for this purpose, small-scale source intensity information is more important than extended source data.

The ability to identify individual emission-line sources depends on the local S/N of the image, the contrast between the source and the surrounding background, and the source morphology and crowding. Isolated compact objects can be detected down to S/N $\sim$ 1.5, with some incompleteness. However, we restrict the inventory information in Table 2 to objects detected at the 95% confidence level. The center-of-gravity centroid position determined by the COSMOS classifier for these objects is repeatable to $\sim$0.″1–0.″2 over a wide range of intensity threshold settings. For noncompact objects and crowded regions, the morphology of the source determines how easily individual components can be detected. Faint components located in close proximity to bright components are not well detected by the COSMOS classifier, and extended regions associated with a bright compact source may or may not be included, depending on the choice of intensity thresholds and the rate at which the surface brightness falls off. These biases may affect significantly number counts of objects, but they are not critical for identifying sources for further study. Although positions measured using the COSMOS classifier in general repeat accurately for a specific intensity threshold setting, the lack of symmetry of the local surface brightness morphology for crowded or extended regions results in the center-of-gravity position having a (possibly strong) intensity threshold dependence.

In some cases, isolated compact H II regions cannot be distinguished easily from faint foreground stars. This is particularly true for galaxies at low galactic latitude, and also for those objects for which the continuum image is obtained using a broadband *R* filter that includes the Hα + [N II] emission-line complex. We exclude objects for which the identification as an emission-line source is ambiguous. However, for fields with numerous foreground stars, some of the faintest objects may be erroneously classified as emission-line sources. We estimate that this contamination

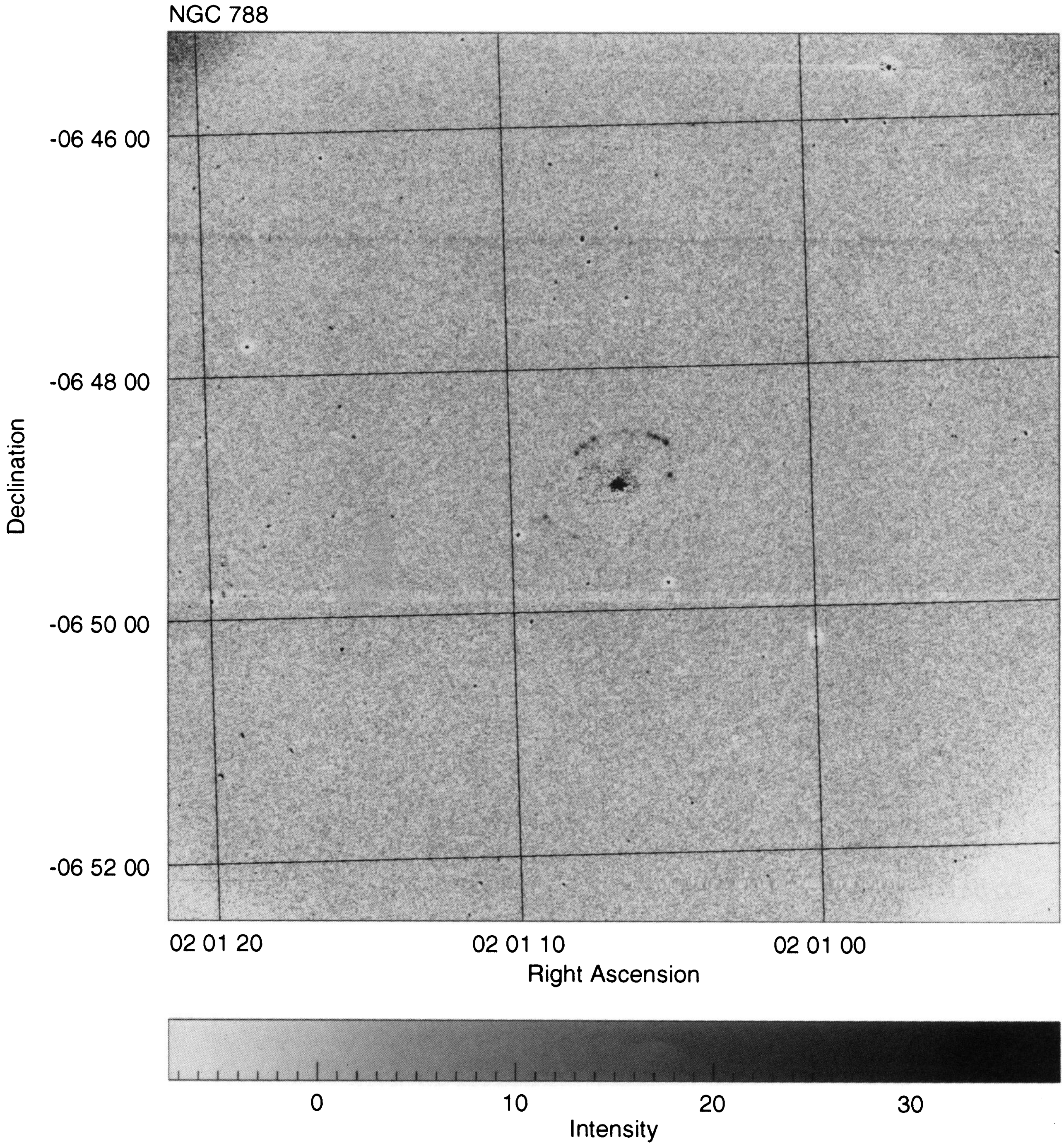

FIG. 1.—Continuum-subtracted Hα images for each of the 17 Seyfert galaxies included in the H II region atlas. Coordinate grid overlays are in the GSC reference frame (J2000). The data are scaled linearly in DN as shown by the intensity bar below each image.

EVANS et al. (see 105, 96)

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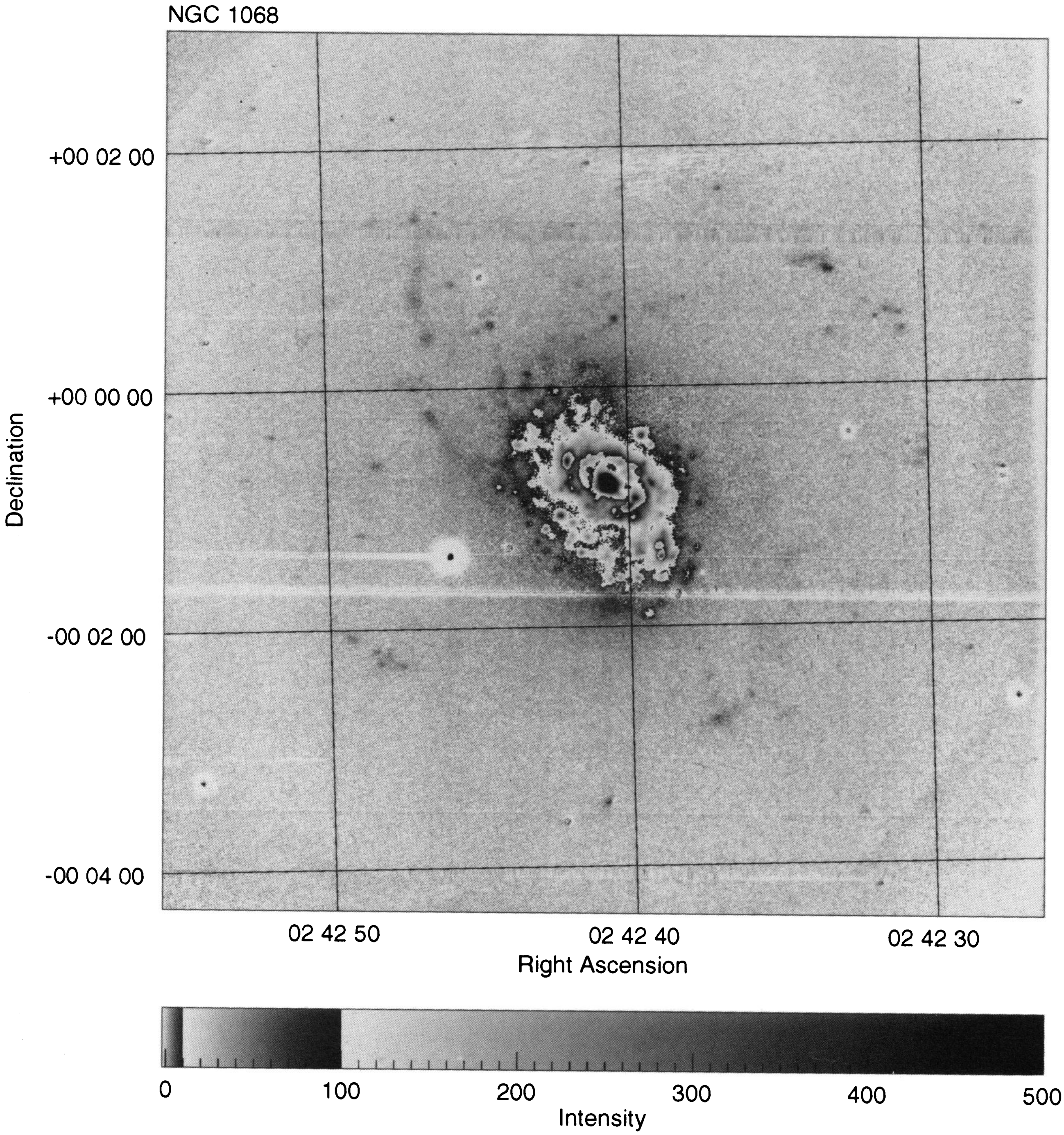

FIG. 1.—*Continued*

EVANS et al. (see 105, 96)

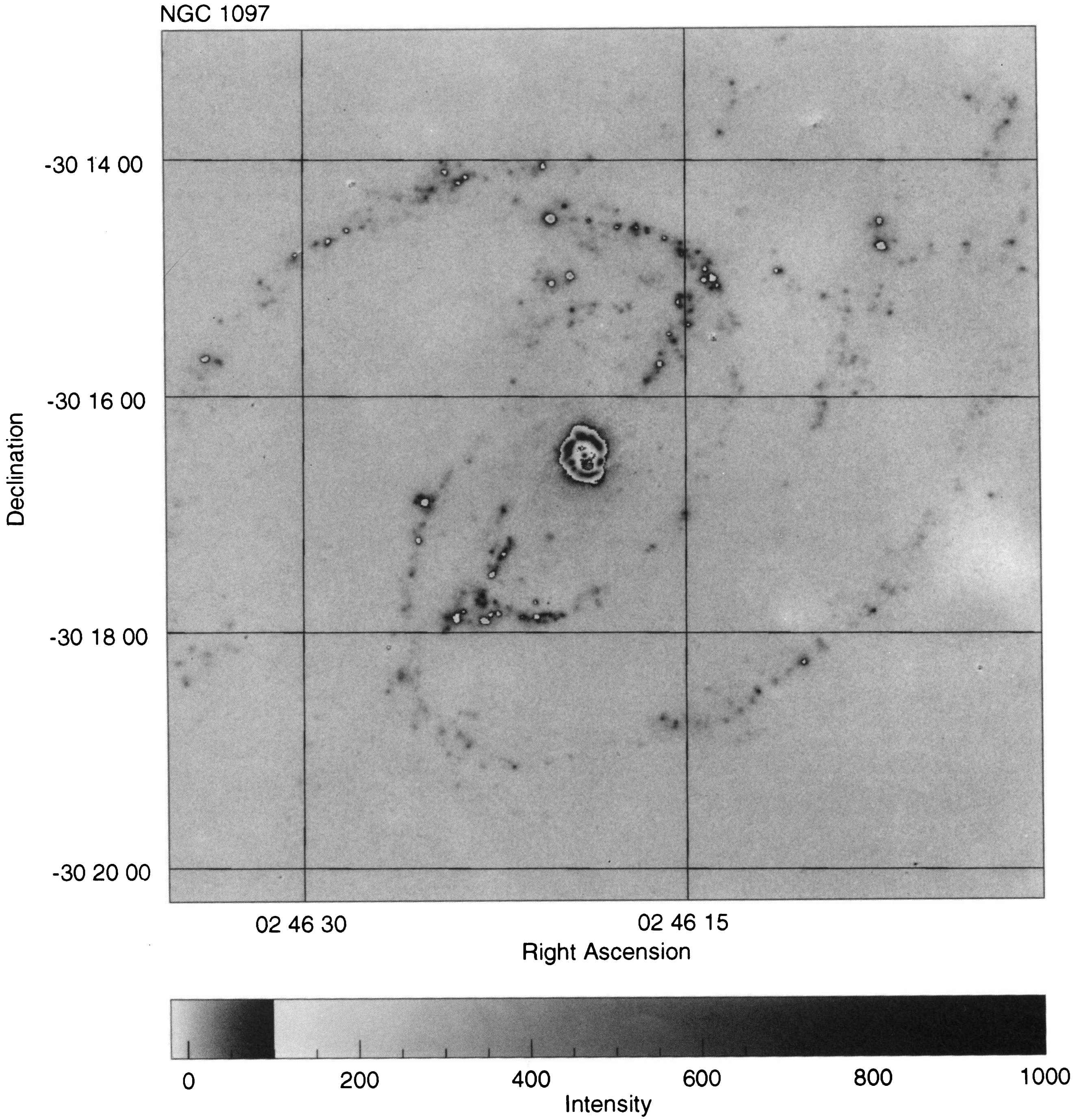

FIG. 1.—*Continued*

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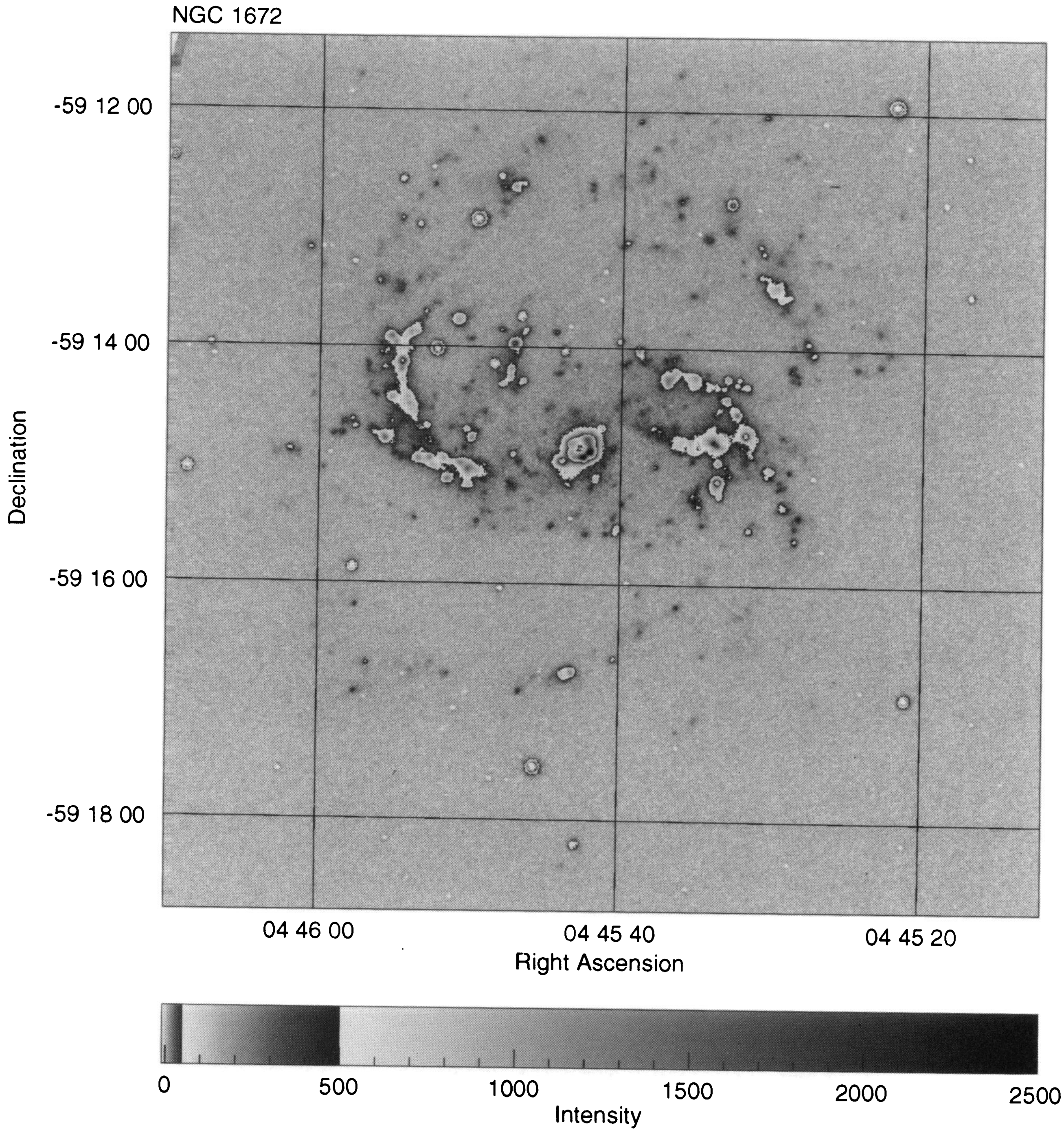

FIG. 1.—*Continued*

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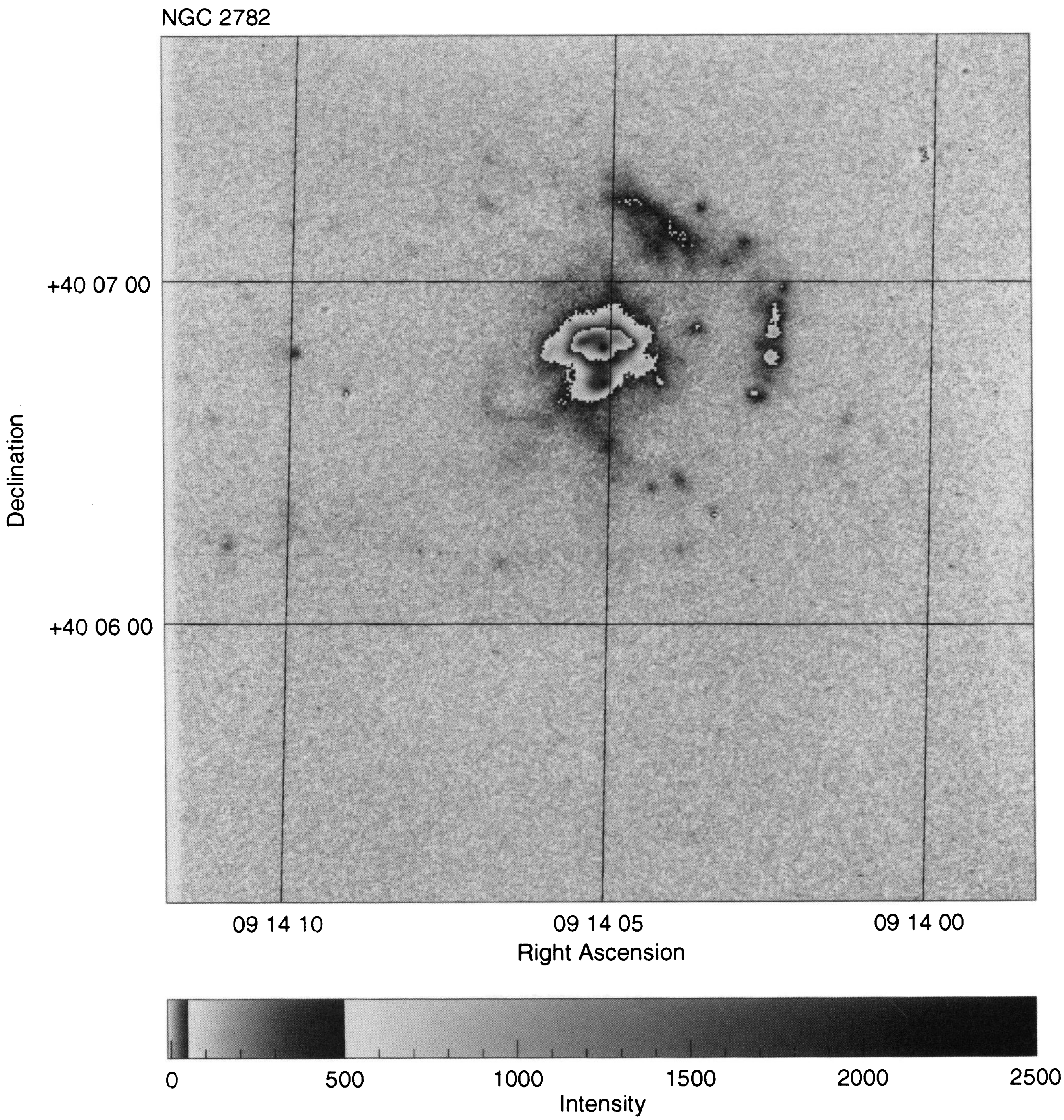

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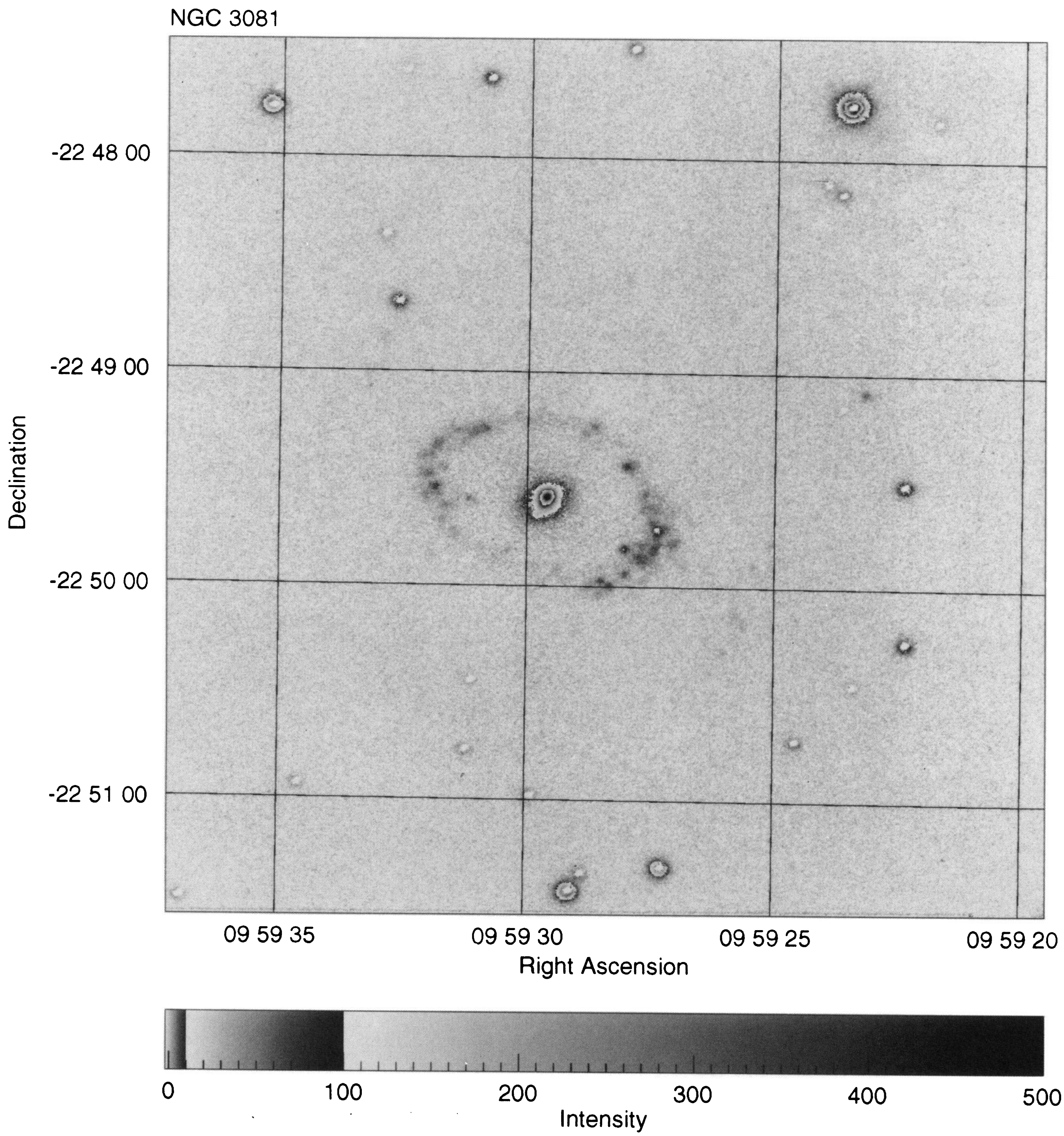

FIG. 1.—*Continued*

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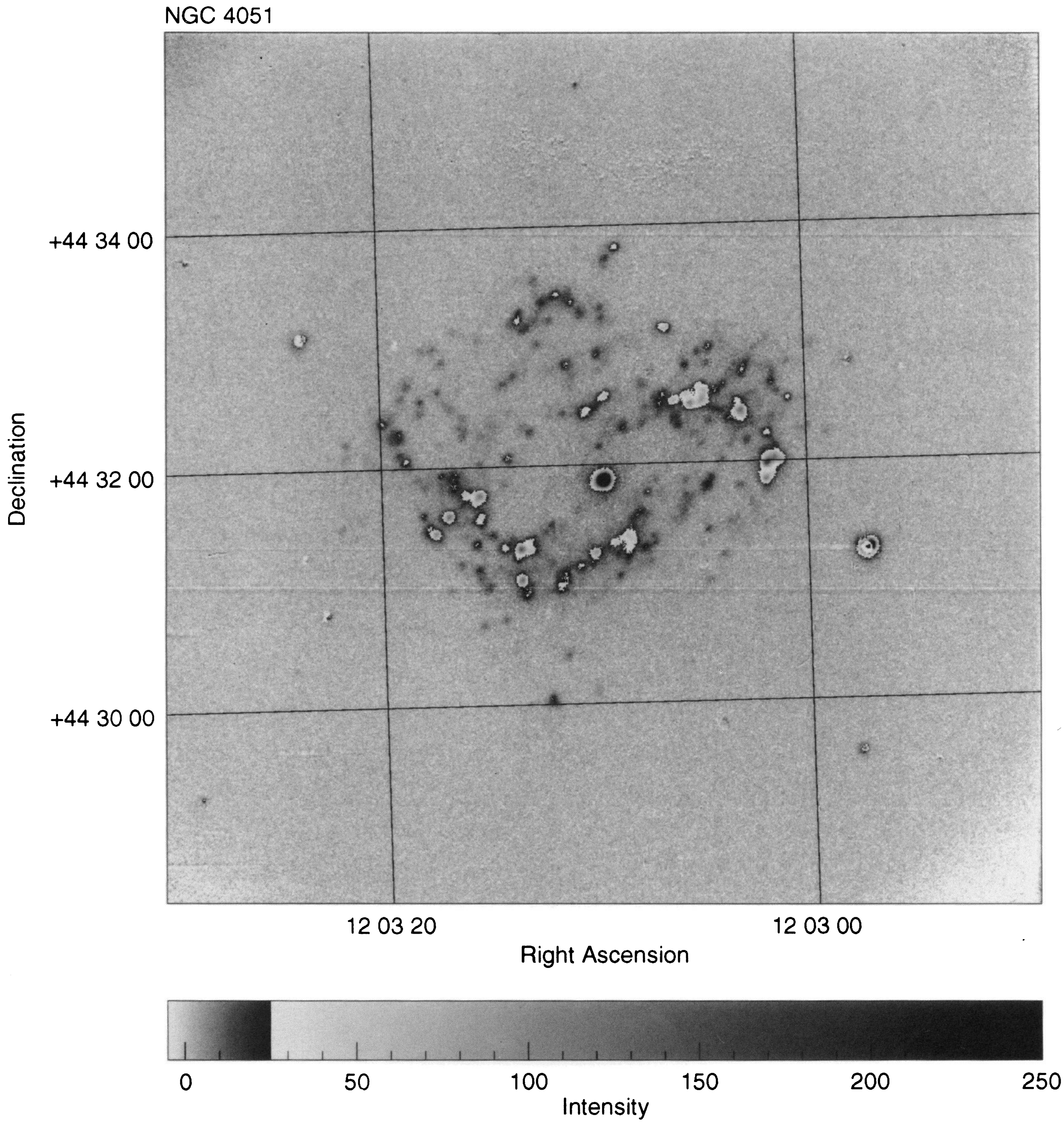

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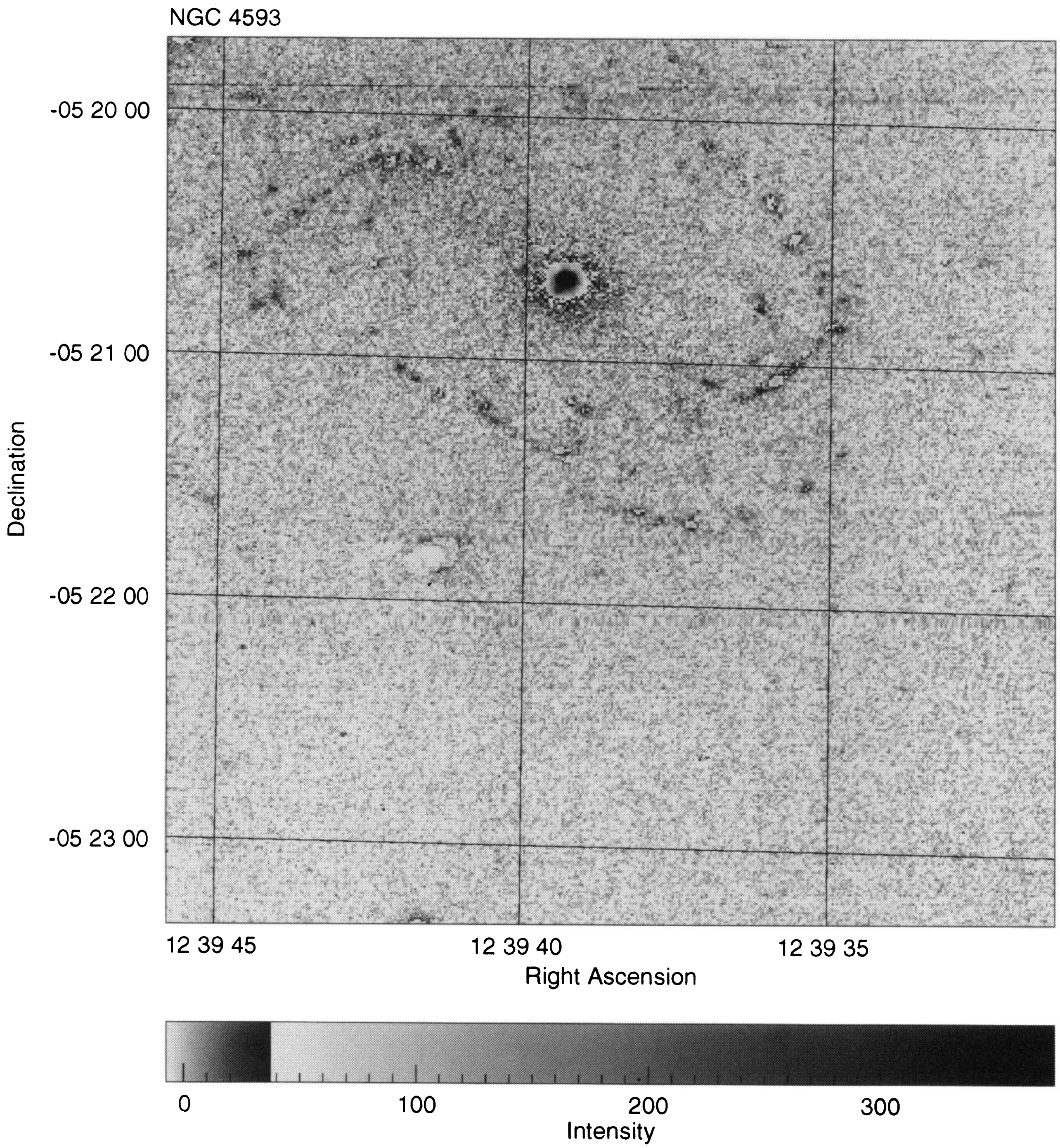
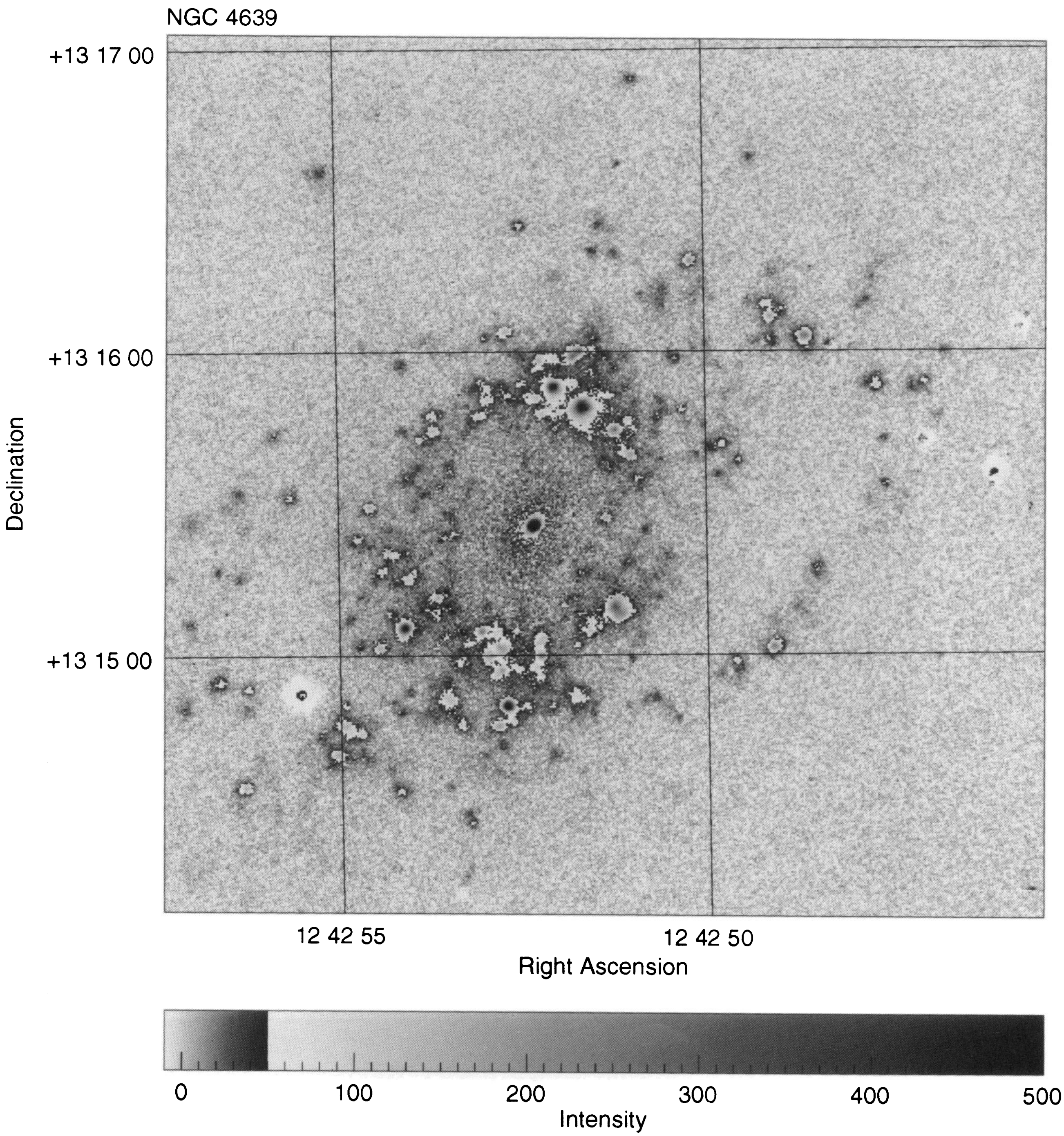


FIG. 1.—*Continued*



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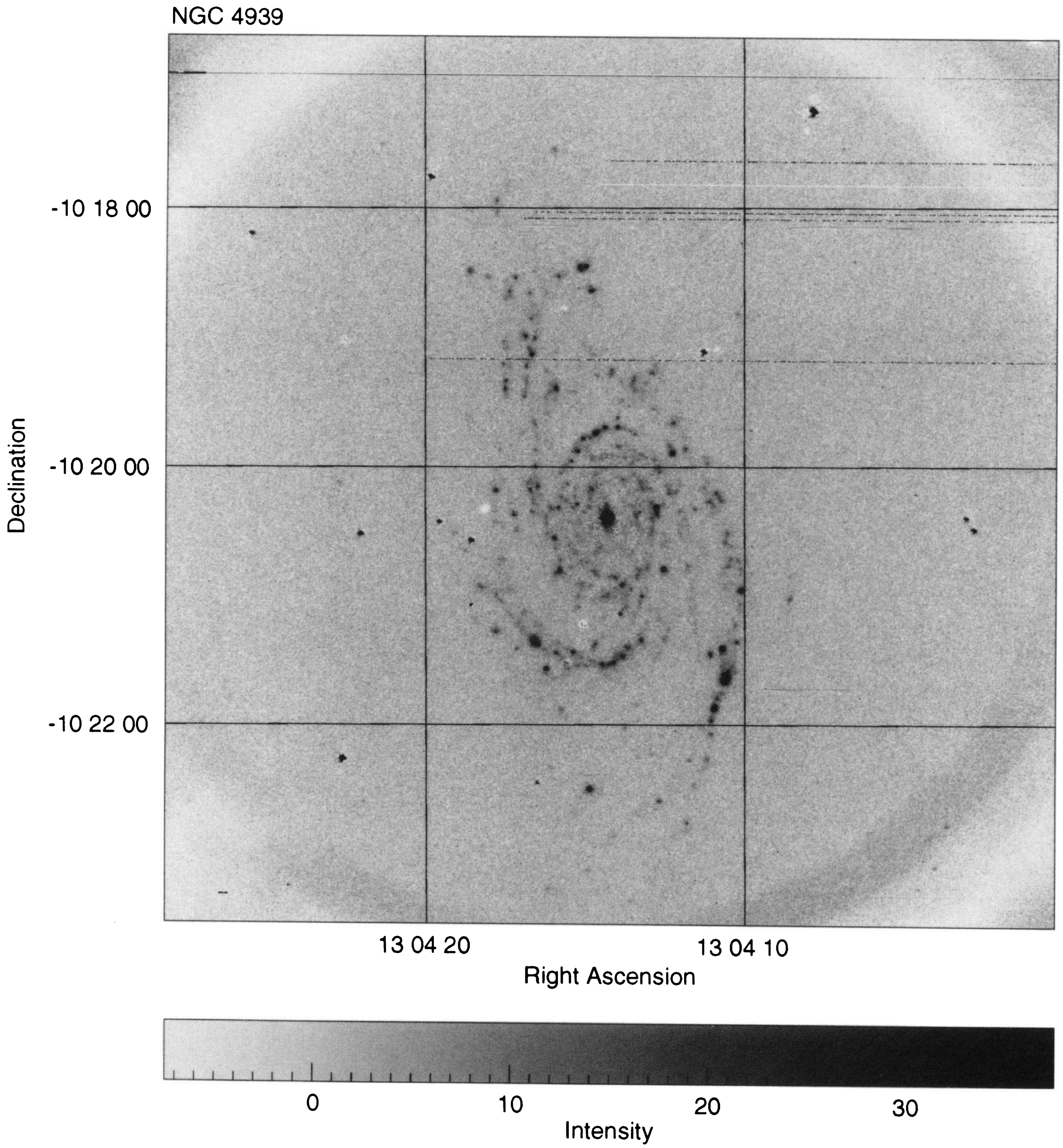
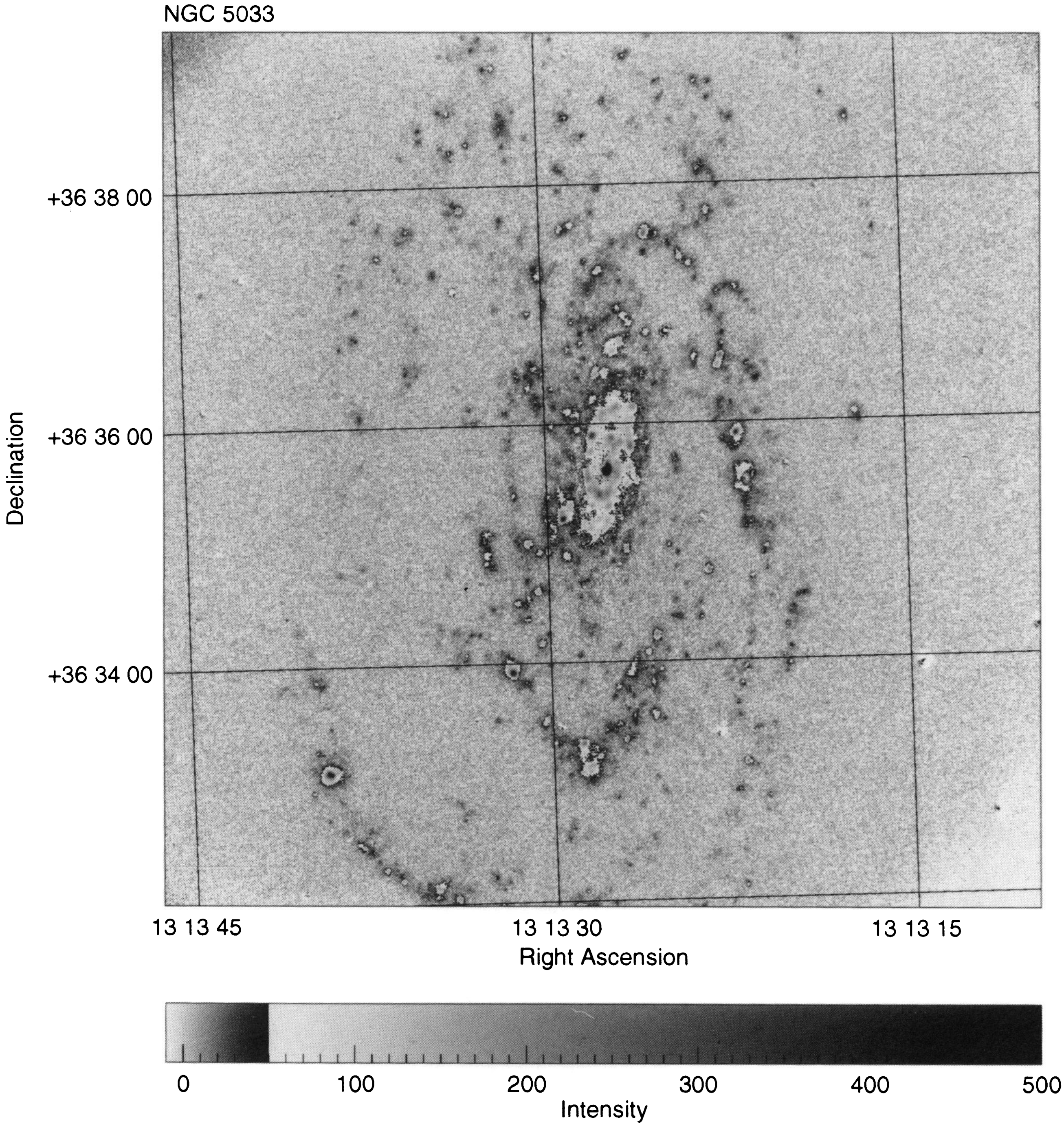


FIG. 1.—*Continued*



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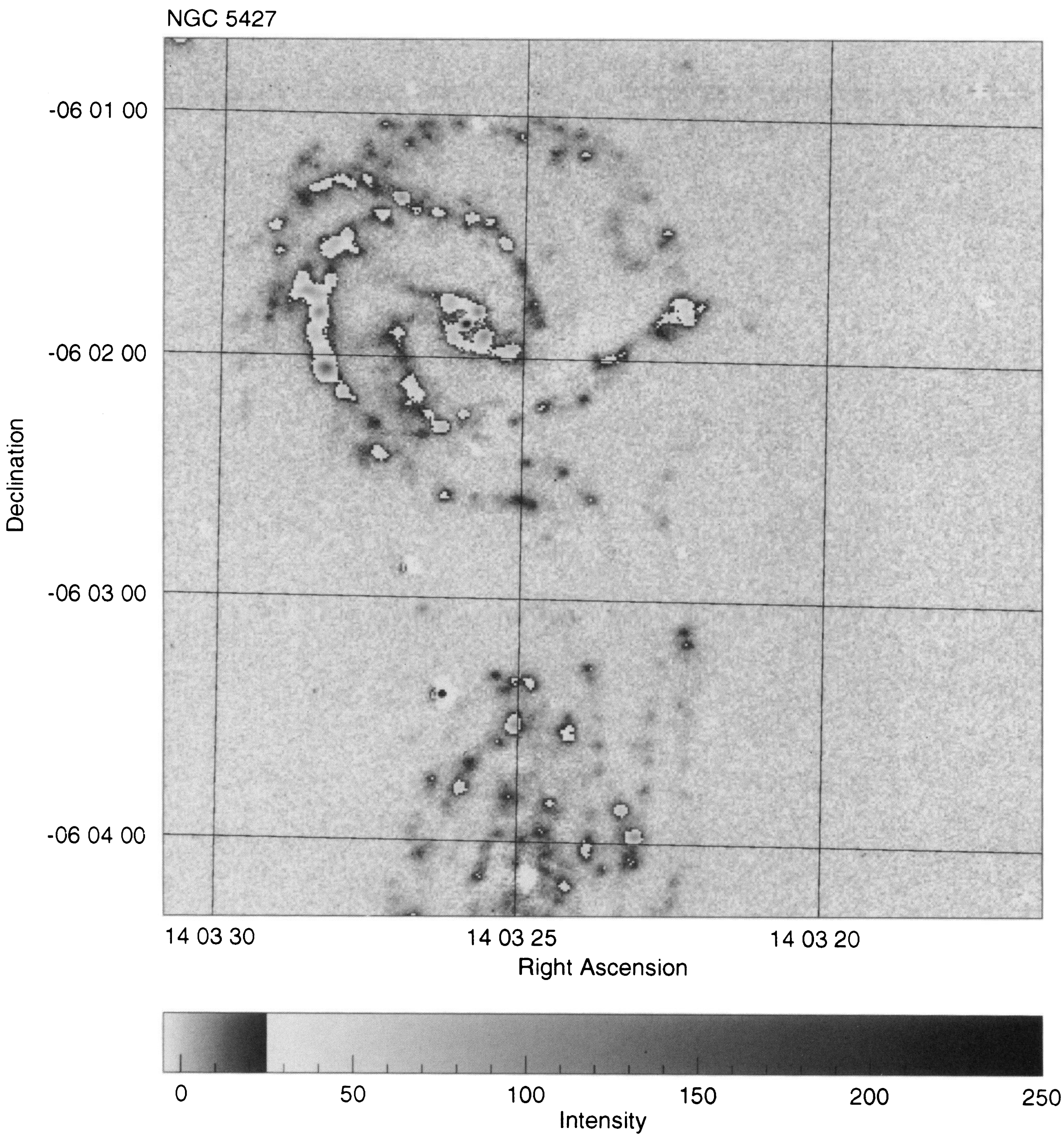

FIG. 1.—*Continued*

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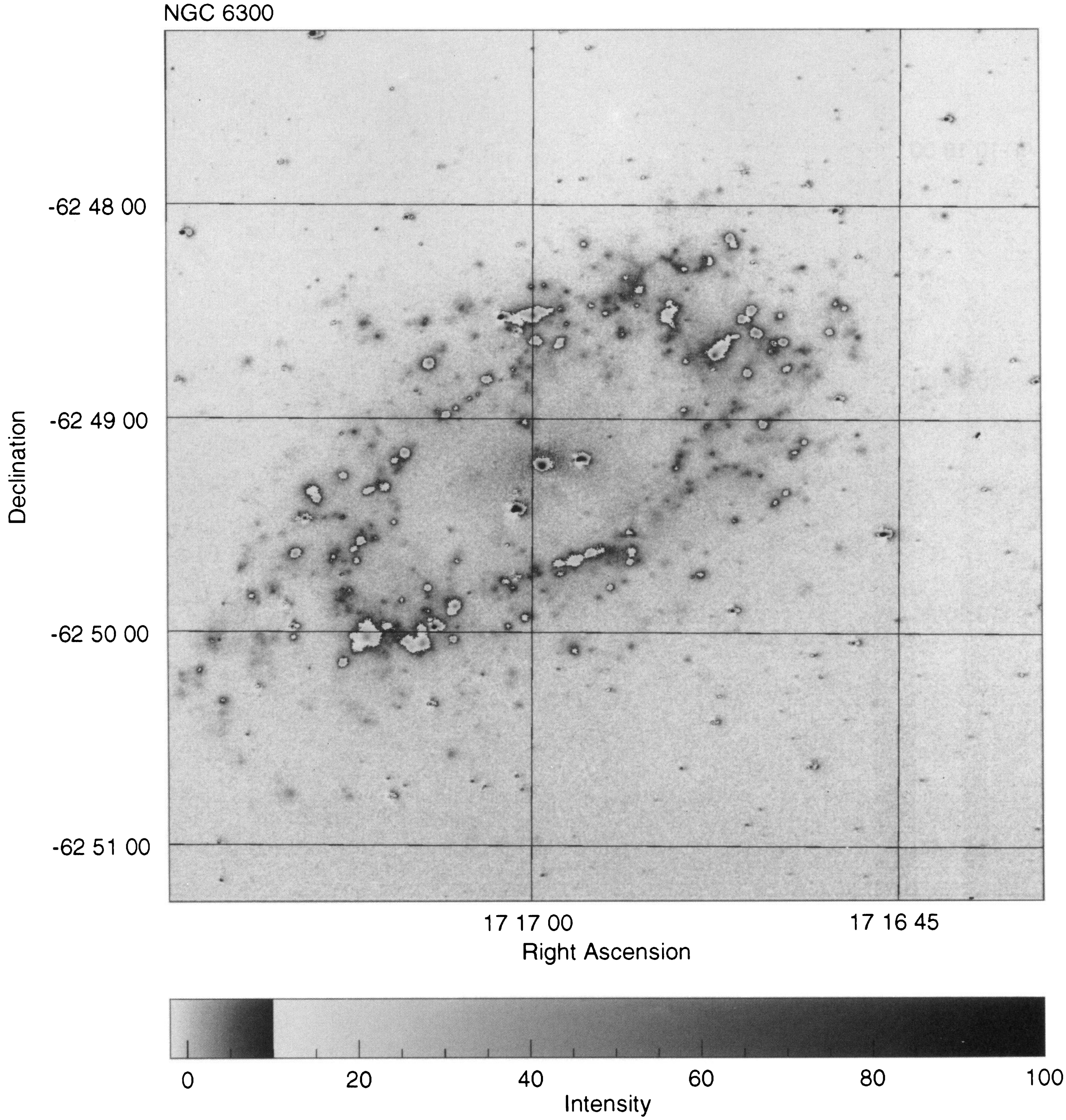

FIG. 1.—*Continued*

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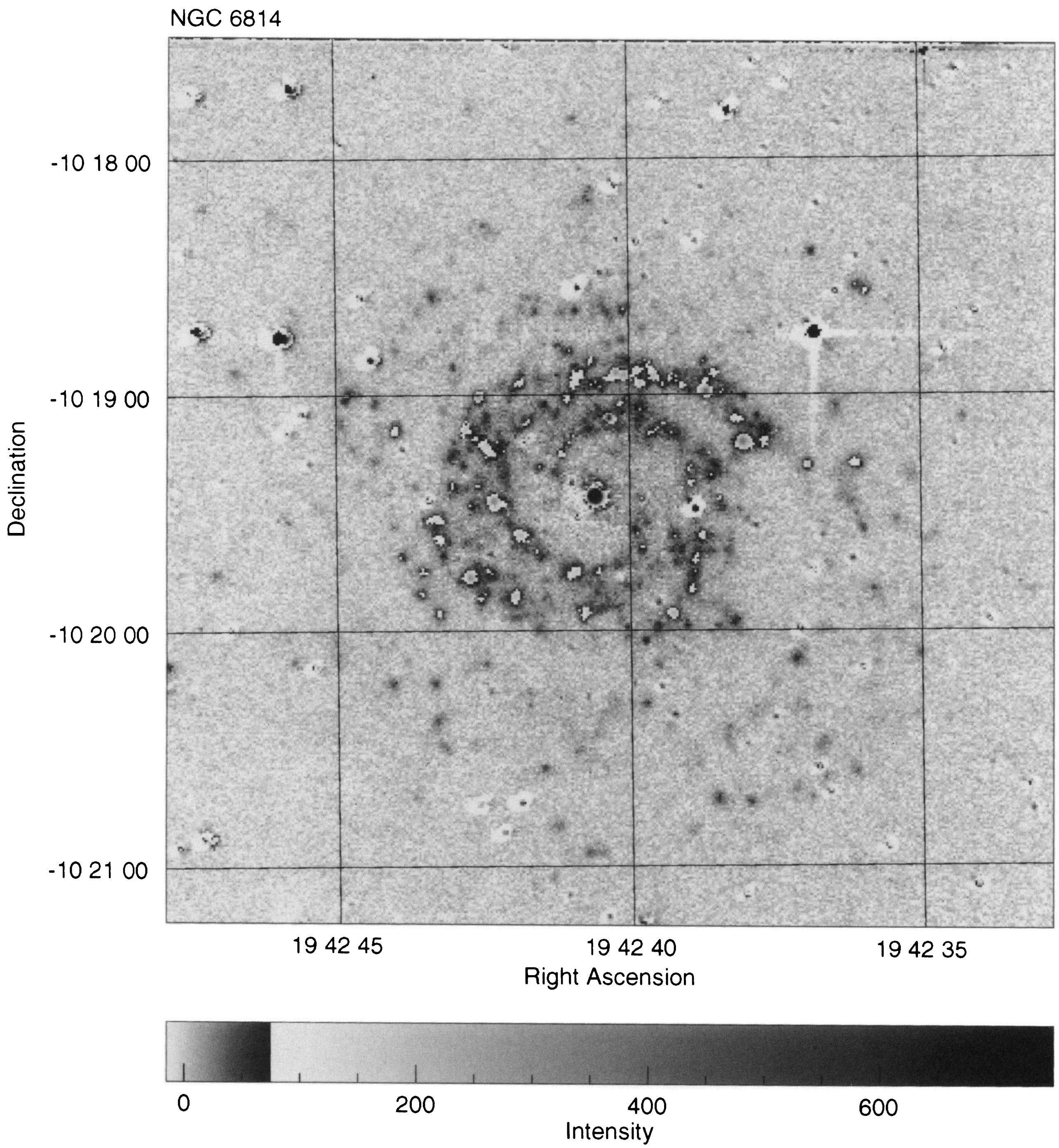

FIG. 1.—*Continued*

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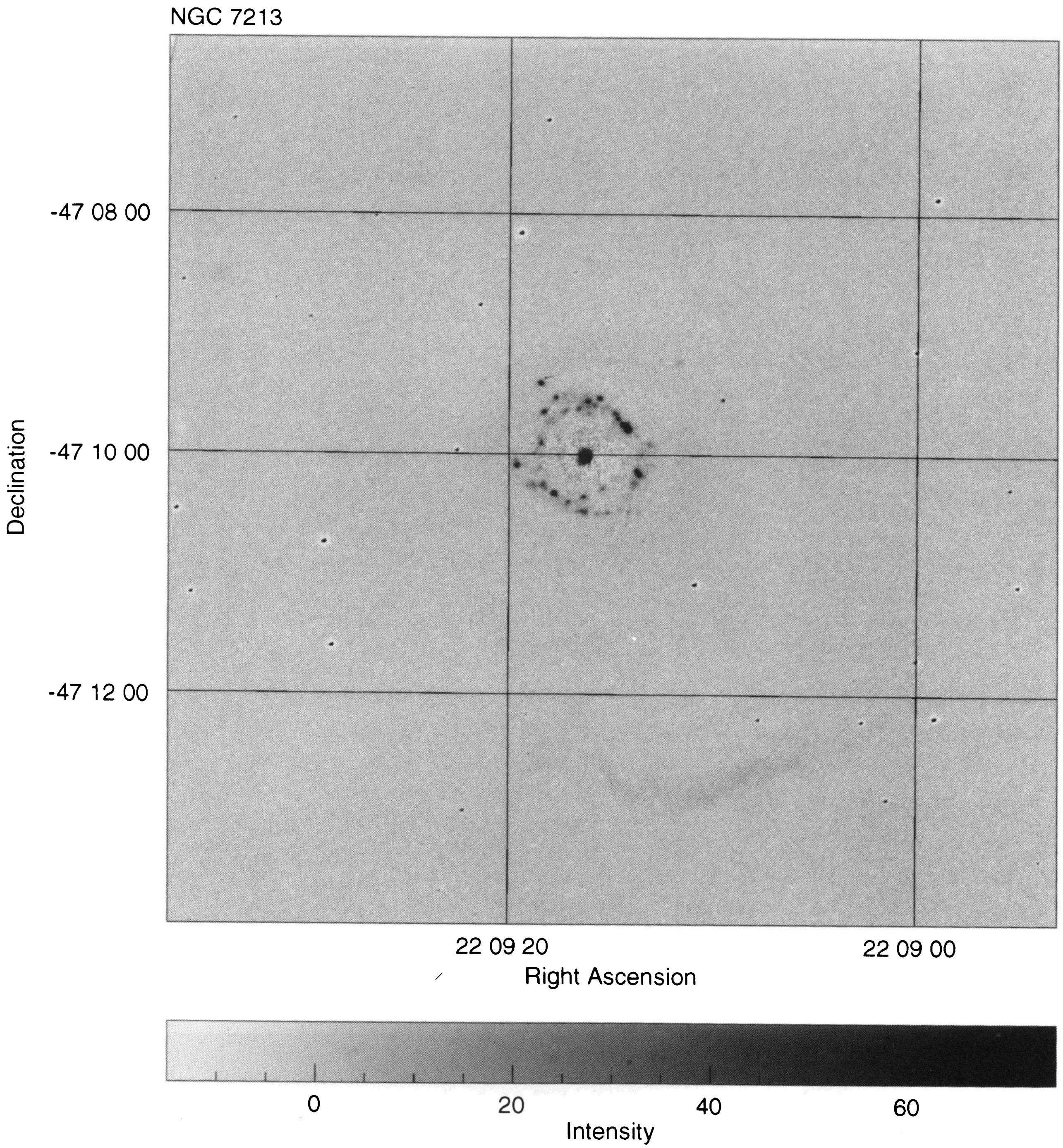

FIG. 1.—*Continued*

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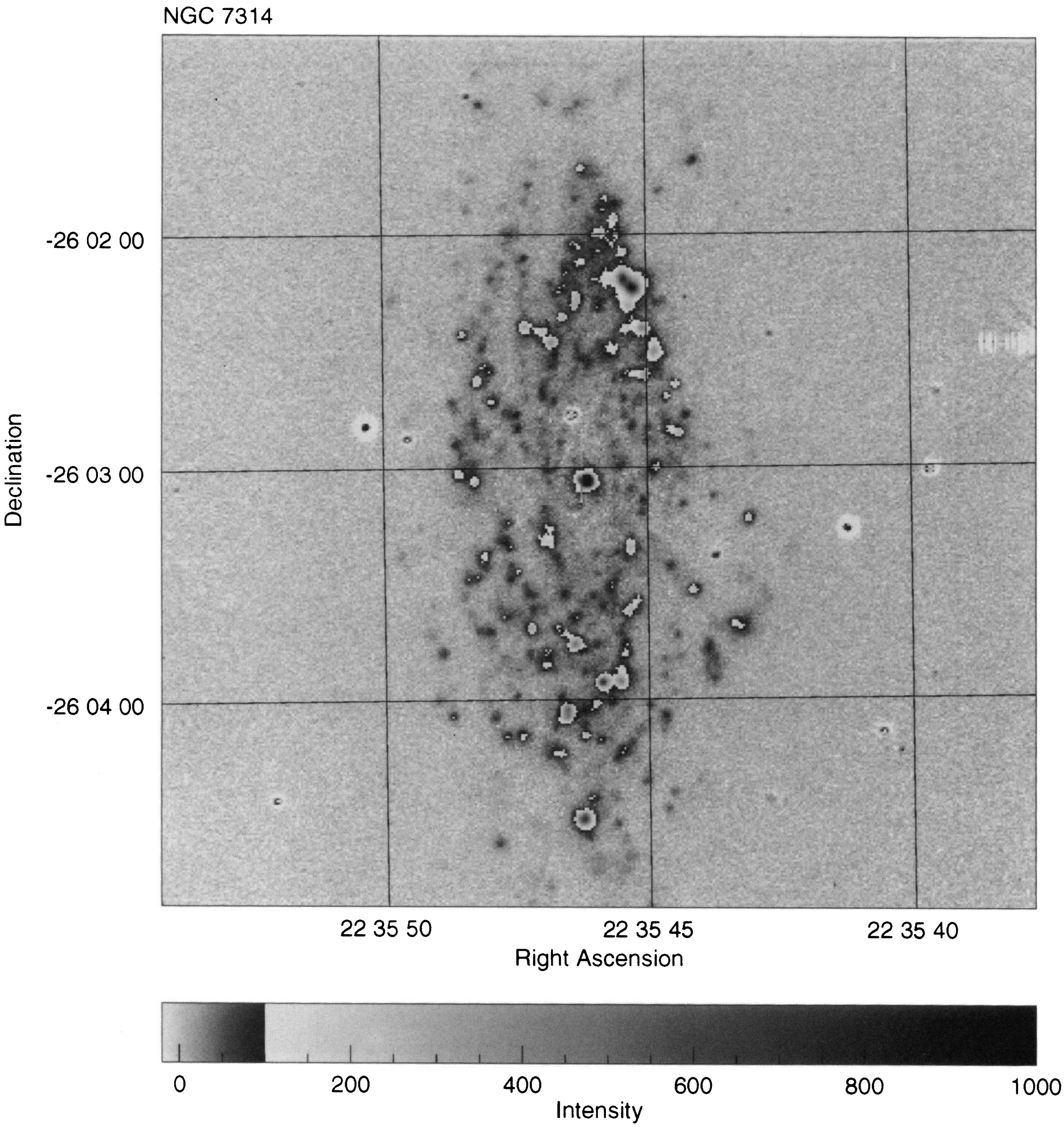

FIG. 1.—*Continued*

EVANS et al. (see 105, 96)

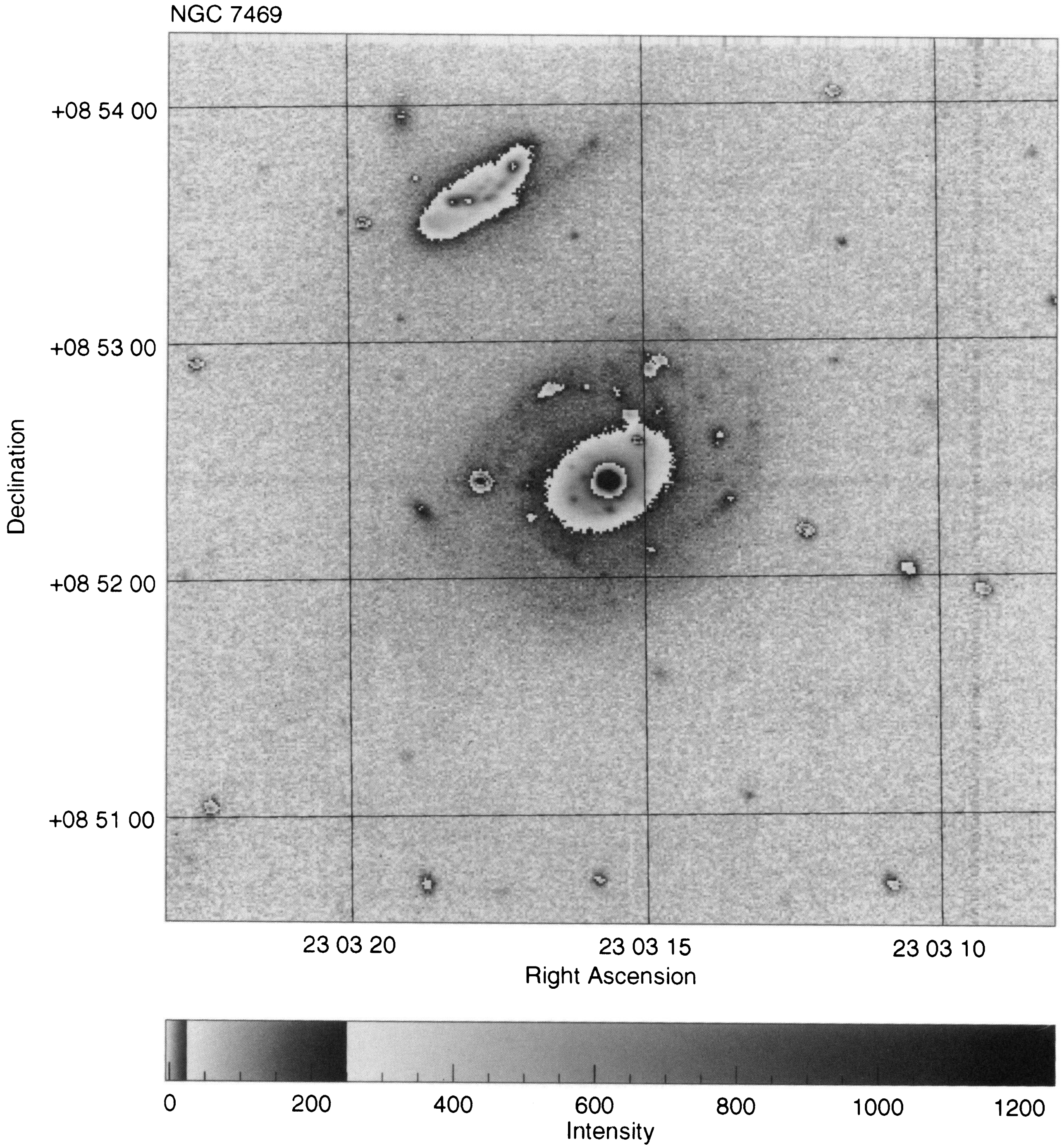

FIG. 1.—*Continued*

EVANS et al. (see 105, 96)

TABLE 2

INVENTORY H II REGIONS

No.	α (J2000)	δ (J2000)	Area (arcsec)^2	Total DN	Peak DN	e	P.A. °
			NGC 788				
1	02 01 04.71	−06 48 52.6	4.0	401	55.0	0.16	030
2	02 01 04.81	−06 48 36.3	5.2	526	60.4	0.31	133
3	02 01 05.14	−06 48 33.6	4.0	370	56.4	0.59	115
4	02 01 05.40	−06 48 31.9	1.2	31.1	22.9	0.49	179
5	02 01 06.20	−06 48 30.0	1.2	25.5	22.6	0.67	044
6	02 01 07.19	−06 48 33.9	1.2	92.9	42.2	0.72	049
7	02 01 07.60	−06 48 37.6	1.2	67.3	33.9	0.71	128
8	02 01 07.79	−06 48 40.6	1.8	140	41.5	0.22	060
9	02 01 07.93	−06 49 22.4	2.1	93.0	32.5	0.34	059
10	02 01 08.86	−06 49 12.1	1.2	57.3	29.9	0.41	011
			NGC 1068				
1	02 42 30.12	−00 00 33.9	12.8	59.2	4.91	0.35	072
2	02 42 30.84	+00 00 28.0	13.8	84.0	4.32	0.14	069
3	02 42 31.29	+00 00 37.5	10.7	61.3	4.53	0.31	099
4	02 42 33.24	+00 00 59.1	32.4	404	8.30	0.32	122
5	02 42 33.28	+00 00 27.4	12.2	55.6	4.29	0.56	071
6	02 42 33.98	+00 01 03.4	29.1	198	5.36	0.70	079
7	02 42 36.84	+00 01 39.5	11.9	75.9	5.95	0.63	083
8	02 42 37.10	−00 02 45.9	25.1	199	5.62	0.36	074
9	02 42 37.65	−00 00 58.3	7.3	54.5	6.58	0.28	114
10	02 42 37.76	−00 01 20.4	11.0	115	8.93	0.36	003
11	02 42 37.83	−00 00 34.1	11.9	91.9	6.69	0.23	055
12	02 42 38.05	−00 01 34.0	29.4	283	6.33	0.60	026
13	02 42 38.16	−00 00 41.4	11.0	88.6	7.22	0.32	142
14	02 42 38.50	−00 00 54.4	11.3	197	8.40	0.51	162
15	02 42 38.59	−00 01 24.9	5.2	279	26.5	0.37	059
16	02 42 38.76	−00 00 52.8	4.0	71.9	11.4	0.28	051
17	02 42 38.92	−00 01 03.8	5.5	127	16.8	0.14	174
18	02 42 38.92	−00 01 03.8	5.5	127	16.8	0.14	174
19	02 42 38.95	−00 01 24.4	13.8	7480	373	0.28	014
20	02 42 38.99	−00 01 35.7	11.9	334	19.1	0.45	097
21	02 42 38.99	−00 01 35.7	15.0	364	19.1	0.44	098
22	02 42 39.00	−00 01 48.1	11.6	97.5	8.32	0.10	155
23	02 42 39.02	−00 01 19.4	11.6	3720	142	0.26	065
24	02 42 39.22	−00 00 47.5	7.3	341	30.3	0.42	137
25	02 42 39.22	−00 00 47.5	8.3	350	30.3	0.38	136
26	02 42 39.23	−00 00 28.3	7.0	213	20.0	0.10	041
27	02 42 39.23	−00 00 28.3	8.9	227	20.0	0.07	088
28	02 42 39.39	−00 01 53.0	42.8	730	24.2	0.13	085
29	02 42 39.50	−00 00 38.8	5.8	132	16.9	0.61	027
30	02 42 39.54	−00 00 23.2	39.2	2520	89.8	0.11	038
31	02 42 39.69	−00 01 21.4	18.7	1210	34.8	0.39	171
32	02 42 39.77	−00 01 35.3	22.9	957	39.7	0.39	116
33	02 42 39.77	−00 00 55.2	9.8	7840	359	0.10	041
34	02 42 39.81	−00 01 30.9	4.6	55.5	12.1	0.25	107
35	02 42 39.82	−00 00 39.5	12.2	1330	87.2	0.38	082
36	02 42 39.83	−00 01 04.8	16.2	1170	54.1	0.29	062
37	02 42 39.95	−00 00 59.0	5.8	4450	313	0.50	050
38	02 42 40.23	−00 00 36.9	3.4	194	36.4	0.27	088
39	02 42 40.32	−00 01 35.2	14.4	516	26.8	0.27	060
40	02 42 40.38	+00 00 34.5	18.7	164	6.75	0.24	040
41	02 42 40.38	−00 01 04.4	7.3	605	40.5	0.28	078
42	02 42 40.51	−00 01 01.6	5.5	534	52.5	0.12	060
43	02 42 40.57	−00 00 09.8	8.0	64.3	8.23	0.29	165
44	02 42 40.71	−00 01 35.6	18.1	676	32.6	0.35	142
45	02 42 40.78	−00 01 24.8	27.5	1130	28.2	0.12	176
46	02 42 40.91	−00 03 27.6	15.6	149	9.50	0.25	034
47	02 42 40.92	−00 00 33.2	6.7	517	54.7	0.34	049
48	02 42 41.04	−00 00 09.2	27.8	911	24.4	0.43	008
49	02 42 41.06	−00 00 54.8	3.7	104	20.2	0.24	038
50	02 42 41.21	−00 01 23.1	6.7	185	15.8	0.06	098
51	02 42 41.23	−00 00 34.9	2.4	271	48.2	0.33	107
52	02 42 41.32	−00 01 04.0	4.9	73.9	14.2	0.46	077
53	02 42 41.32	−00 01 04.0	5.2	76.8	14.2	0.49	076
54	02 42 41.39	−00 01 14.8	17.1	624	28.6	0.30	117
55	02 42 41.44	−00 00 37.2	5.5	1010	85.6	0.51	046
56	02 42 41.45	+00 00 10.5	16.8	145	6.66	0.47	017
57	02 42 41.45	−00 00 47.6	4.0	173	21.9	0.43	128
58	02 42 41.61	−00 01 22.4	16.5	928	48.2	0.17	082
59	02 42 41.74	−00 00 04.1	12.5	138	7.27	0.37	057
60	02 42 41.88	−00 01 07.4	11.9	497	27.1	0.12	089
61	02 42 41.88	−00 01 07.4	12.2	500	27.1	0.12	093
62	02 42 41.89	−00 00 50.1	5.2	660	57.6	0.33	144
63	02 42 41.90	−00 01 14.0	3.7	148	18.8	0.38	008
64	02 42 41.93	−00 00 44.2	0.9	54.4	35.6	0.39	047
65	02 42 42.02	−00 00 35.8	52.9	18600	420	0.41	008
66	02 42 42.03	−00 01 17.1	4.6	244	27.2	0.30	029
67	02 42 42.03	−00 00 47.2	2.1	174	33.3	0.38	005
68	02 42 42.15	−00 00 19.4	11.3	221	10.5	0.68	144
69	02 42 42.25	−00 00 50.1	4.0	179	26.3	0.14	041
70	02 42 42.28	−00 01 03.5	27.2	2270	70.5	0.09	076
71	02 42 42.44	−00 01 30.7	10.4	70.4	6.78	0.14	113
72	02 42 42.44	−00 00 00.6	22.3	349	10.9	0.41	110
73	02 42 42.58	−00 01 14.0	5.5	67.7	8.91	0.28	121
74	02 42 42.70	−00 00 46.9	5.8	54.9	9.17	0.44	122
75	02 42 42.79	−00 01 10.3	16.2	716	37.9	0.10	031
76	02 42 42.95	−00 00 11.6	18.4	393	12.8	0.32	122
77	02 42 42.95	−00 00 11.6	19.6	404	12.8	0.29	121
78	02 42 42.98	−00 00 56.9	8.6	95.1	6.74	0.48	111
79	02 42 43.12	−00 00 26.3	6.1	138	12.9	0.40	081
80	02 42 43.15	−00 00 20.3	11.3	311	12.1	0.51	150
81	02 42 43.23	−00 00 46.9	11.3	199	12.4	0.18	075
82	02 42 43.30	+00 00 07.6	12.8	104	6.37	0.26	101

TABLE 2—*Continued*

No.	α (J2000)	δ (J2000)	Area (arcsec)^2	Total DN	Peak DN	e	P.A. °
83	02 42 43.41	+00 00 01.4	8.3	58.4	5.21	0.41	044
84	02 42 43.64	−00 00 27.9	21.1	932	32.8	0.38	101
85	02 42 43.78	−00 00 51.2	10.1	76.8	7.11	0.16	082
86	02 42 44.17	+00 00 02.9	19.0	118	3.90	0.62	005
87	02 42 44.32	−00 00 48.7	14.1	207	11.9	0.04	061
88	02 42 44.52	+00 00 32.1	17.1	186	9.82	0.07	137
89	02 42 46.53	−00 00 13.2	26.9	194	4.55	0.48	135
90	02 42 46.63	+00 00 26.2	26.6	180	4.39	0.28	163
91	02 42 46.95	+00 01 26.0	18.1	115	5.17	0.19	162
92	02 42 46.98	+00 00 45.5	30.0	196	4.46	0.37	163
93	02 42 47.07	+00 00 01.1	9.8	47.6	4.86	0.44	087
94	02 42 47.64	−00 02 17.3	12.5	68.4	5.38	0.49	107
95	02 42 48.41	−00 00 37.1	13.5	88.7	4.65	0.28	079
96	02 42 48.96	−00 01 12.3	11.0	50.2	4.53	0.52	091
97	02 42 49.34	−00 02 03.6	21.4	137	4.18	0.43	114
			NGC 1097				
1	02 46 01.58	−30 14 13.2	7.0	250	16.2	0.18	153
2	02 46 01.75	−30 14 28.1	16.8	797	19.3	0.58	002
3	02 46 01.79	−30 14 55.0	18.4	1430	44.8	0.29	092
4	02 46 02.08	−30 15 33.1	2.4	39.0	12.7	0.49	102
5	02 46 02.14	−30 13 30.2	18.6	2070	36.7	0.50	154
6	02 46 02.22	−30 14 41.2	27.7	2410	57.0	0.35	100
7	02 46 02.31	−30 15 45.9	6.2	181	13.2	0.25	091
8	02 46 02.37	−30 13 40.2	9.4	1420	56.9	0.16	110
9	02 46 02.48	−30 13 28.5	3.4	206	23.8	0.15	087
10	02 46 02.51	−30 14 50.9	4.3	113	12.9	0.35	135
11	02 46 02.64	−30 13 43.5	4.1	332	23.7	0.69	124
12	02 46 02.76	−30 13 48.1	6.0	316	18.6	0.47	145
13	02 46 02.84	−30 14 02.3	9.2	409	18.5	0.42	077
14	02 46 02.88	−30 14 07.2	4.5	114	10.7	0.30	141
15	02 46 02.94	−30 15 56.1	2.6	45.4	12.0	0.44	084
16	02 46 03.02	−30 16 49.8	15.8	1450	53.5	0.26	083
17	02 46 03.09	−30 16 01.7	10.9	506	18.1	0.44	028
18	02 46 03.18	−30 13 56.3	10.7	655	29.5	0.20	145
19	02 46 03.23	−30 14 55.1	2.6	45.5	10.6	0.14	044
20	02 46 03.42	−30 16 07.6	5.8	312	20.4	0.20	057
21	02 46 03.52	−30 13 34.2	4.9	161	14.7	0.23	139
22	02 46 03.52	−30 13 30.0	3.6	100	13.9	0.27	087
23	02 46 03.63	−30 16 04.4	3.0	109	15.6	0.25	079
24	02 46 03.77	−30 16 08.8	8.3	353	17.9	0.17	048
25	02 46 03.88	−30 13 27.6	23.8	2010	52.8	0.20	065
26	02 46 03.94	−30 14 45.9	2.6	92.2	16.2	0.28	080
27	02 46 03.97	−30 14 42.1	15.3	1620	45.1	0.29	092
28	02 46 04.20	−30 14 50.7	3.0	53.5	12.5	0.10	173
29	02 46 04.25	−30 16 26.2	6.8	259	15.9	0.25	097
30	02 46 04.30	−30 16 46.0	13.2	680	17.7	0.09	047
31	02 46 04.34	−30 16 41.8	1.9	41.9	12.9	0.28	128
32	02 46 04.64	−30 17 14.5	2.9	53.7	11.7	0.45	040
33	02 46 05.29	−30 17 04.0	2.9	112	16.9	0.06	104
34	02 46 05.36	−30 14 44.0	20.7	1050	24.9	0.55	178
35	02 46 05.42	−30 16 58.2	1.9	62.6	15.6	0.31	171
36	02 46 05.56	−30 16 59.5	2.1	87.4	18.2	0.50	129
37	02 46 05.76	−30 17 11.2	6.8	487	27.2	0.11	004
38	02 46 05.87	−30 17 15.0	2.3	87.0	17.1	0.32	129
39	02 46 06.06	−30 14 50.1	13.2	806	26.6	0.20	104
40	02 46 06.42	−30 13 53.4	3.8	107	13.9	0.24	089
41	02 46 06.42	−30 17 37.2	8.8	421	25.4	0.46	082
42	02 46 06.50	−30 14 52.0	11.5	565	24.6	0.50	095
43	02 46 06.65	−30 14 18.4	4.9	149	14.0	0.23	008
44	02 46 06.69	−30 14 07.3	3.0	50.5	10.2	0.28	136
45	02 46 06.78	−30 14 40.4	4.9	224	21.7	0.52	059
46	02 46 06.90	−30 13 17.5	3.6	104	12.6	0.16	105
47	02 46 06.90	−30 15 12.4	4.3	196	17.8	0.21	061
48	02 46 06.95	−30 17 38.9	8.3	589	31.7	0.11	164
49	02 46 06.97	−30 15 17.0	12.4	1440	60.7	0.20	114
50	02 46 07.02	−30 17 18.4	8.7	313	16.4	0.26	044
51	02 46 07.27	−30 17 36.7	8.1	621	32.1	0.08	147
52	02 46 07.32	−30 14 42.8	42.2	14600	249	0.23	061
53	02 46 07.32	−30 14 00.1	8.5	388	18.3	0.31	105
54	02 46 07.32	−30 15 03.7	8.5	441	24.9	0.19	099
55	02 46 07.38	−30 14 30.3	30.0	9300	256	0.07	163
56	02 46 07.46	−30 15 08.1	10.1	592	27.6	0.15	094
57	02 46 07.66	−30 15 14.9	13.7	573	18.6	0.51	118
58	02 46 07.67	−30 15 55.9	4.1	136	15.6	0.28	117
59	02 46 07.73	−30 17 48.3	32.3	3440	74.4	0.24	074
60	02 46 07.74	−30 14 32.0	3.4	125	17.2	0.49	085
61	02 46 07.94	−30 15 41.3	7.3	279	16.1	0.61	057
62	02 46 08.04	−30 15 51.8	6.0	190	17.6	0.47	073
63	02 46 08.35	−30 15 57.8	10.9	964	49.9	0.03	180
64	02 46 08.40	−30 15 40.8	18.6	1490	33.1	0.43	152
65	02 46 08.45	−30 17 55.5	10.0	415	17.9	0.61	093
66	02 46 08.62	−30 15 15.9	14.5	984	36.9	0.26	057
67	02 46 08.70	−30 15 06.1	10.7	798	36.9	0.16	124
68	02 46 08.74	−30 15 20.6	6.0	226	16.7	0.07	021
69	02 46 08.83	−30 15 53.3	3.1	87.5	14.2	0.09	167
70	02 46 08.84	−30 15 40.7	1.9	70.7	16.0	0.57	160
71	02 46 08.85	−30 15 30.0	20.9	947	18.1	0.07	122
72	02 46 08.94	−30 15 42.7	2.4	126	20.9	0.11	071
73	02 46 08.99	−30 15 15.0	3.4	78.0	13.4	0.31	173
74	02 46 09.19	−30 17 51.3	5.3	249	19.7	0.34	115
75	02 46 09.33	−30 17 45.1	5.3	140	13.2	0.34	101
76	02 46 09.35	−30 15 37.4	4.0	163	18.8	0.38	130
77	02 46 09.57	−30 15 08.6	21.8	1800	44.7	0.23	065
78	02 46 09.58	−30 16 03.3	13.2	1200	40.9	0.23	076
79	02 46 09.69	−30 18 05.6	31.6	2280	30.4	0.46	036
80	02 46 09.69	−30 16 08.9	5.5	546	31.5	0.46	176

TABLE 2—*Continued*

No.	α (J2000)	δ (J2000)	Area (arcsec)^2	Total DN	Peak DN	e	P.A. °	No.	α (J2000)	δ (J2000)	Area (arcsec)^2	Total DN	Peak DN	e	P.A. °
81	02 46 09.71	−30 15 53.8	22.6	1330	27.6	0.25	125	130	02 46 14.21	−30 16 40.5	7.5	327	22.7	0.07	099
82	02 46 09.86	−30 16 14.1	6.8	668	29.2	0.75	117	131	02 46 14.22	−30 14 54.9	9.4	2850	118	0.06	044
83	02 46 10.40	−30 18 14.2	38.0	6110	126	0.19	106	132	02 46 14.26	−30 18 46.6	10.7	441	16.3	0.21	174
84	02 46 10.51	−30 15 05.0	5.8	265	21.0	0.19	066	133	02 46 14.28	−30 15 00.4	6.8	3180	175	0.16	085
85	02 46 10.72	−30 15 14.6	3.2	65.0	12.5	0.44	179	134	02 46 14.50	−30 14 46.0	10.4	1290	61.9	0.21	109
86	02 46 10.76	−30 15 00.6	2.6	52.0	13.0	0.25	023	135	02 46 14.54	−30 16 28.8	5.1	258	20.3	0.41	132
87	02 46 10.89	−30 15 03.7	4.1	140	19.5	0.10	073	136	02 46 14.56	−30 16 40.8	9.4	341	15.3	0.48	159
88	02 46 10.97	−30 18 19.3	9.2	422	18.4	0.56	146	137	02 46 14.58	−30 18 46.3	15.1	696	23.3	0.35	175
89	02 46 11.10	−30 16 44.3	10.7	495	21.2	0.39	139	138	02 46 14.68	−30 14 53.5	4.9	181	18.8	0.31	124
90	02 46 11.15	−30 12 57.6	1.7	58.1	16.0	0.50	084	139	02 46 14.81	−30 15 15.8	16.4	1510	51.3	0.36	141
91	02 46 11.36	−30 14 55.7	28.6	5150	140	0.37	089	140	02 46 14.84	−30 15 09.0	5.3	852	48.9	0.23	016
92	02 46 11.38	−30 12 58.6	2.4	130	20.6	0.32	082	141	02 46 14.91	−30 15 22.8	30.1	4070	97.5	0.28	074
93	02 46 11.51	−30 14 45.7	7.2	332	19.8	0.24	020	142	02 46 14.94	−30 13 46.2	6.0	222	16.9	0.20	083
94	02 46 11.52	−30 18 24.3	18.3	1270	37.6	0.17	017	143	02 46 14.98	−30 16 52.5	11.0	402	16.9	0.31	167
95	02 46 11.88	−30 15 00.1	2.3	43.7	13.9	0.33	012	144	02 46 15.02	−30 18 43.8	7.0	241	13.4	0.58	011
96	02 46 11.95	−30 18 49.6	2.6	59.9	12.1	0.42	066	145	02 46 15.05	−30 16 59.9	39.9	3940	65.5	0.27	155
97	02 46 12.02	−30 18 20.1	3.4	107	13.7	0.24	140	146	02 46 15.15	−30 15 39.3	7.2	628	33.5	0.32	014
98	02 46 12.11	−30 13 22.5	7.5	370	22.1	0.21	111	147	02 46 15.16	−30 14 46.1	22.6	4880	81.7	0.14	053
99	02 46 12.20	−30 18 29.3	20.5	2840	83.6	0.28	038	148	02 46 15.18	−30 15 08.3	2.4	686	69.0	0.49	076
100	02 46 12.43	−30 18 34.1	12.4	837	28.2	0.33	016	149	02 46 15.21	−30 17 07.2	4.3	142	15.3	0.12	157
101	02 46 12.54	−30 18 51.7	9.2	410	21.8	0.25	063	150	02 46 15.21	−30 14 41.4	7.6	1320	67.7	0.10	062
102	02 46 12.64	−30 18 13.7	7.0	259	19.3	0.23	103	151	02 46 15.29	−30 15 11.8	7.0	2540	104	0.45	016
103	02 46 12.83	−30 15 55.3	8.7	555	28.2	0.13	116	152	02 46 15.32	−30 15 36.5	2.1	122	30.1	0.47	062
104	02 46 12.87	−30 14 25.8	15.1	644	17.6	0.06	048	153	02 46 15.46	−30 18 46.5	20.1	2080	52.6	0.22	147
105	02 46 12.89	−30 18 39.3	12.6	818	33.6	0.22	117	154	02 46 15.46	−30 15 31.4	7.3	1600	73.1	0.28	065
106	02 46 12.96	--30 18 55.1	4.9	165	15.2	0.42	089	155	02 46 15.54	−30 13 46.7	2.5	40.4	11.6	0.27	081
107	02 46 13.01	−30 15 22.7	11.3	871	27.8	0.51	070	156	02 46 15.57	−30 16 31.0	2.8	44.3	9.50	0.54	120
108	02 46 13.05	−30 13 24.5	4.3	148	18.6	0.24	005	157	02 46 15.64	−30 15 28.1	7.0	2130	114	0.07	084
109	02 46 13.08	−30 15 48.7	14.1	1020	34.8	0.09	000	158	02 46 15.81	−30 14 39.0	19.0	3140	118	0.03	070
110	02 46 13.09	−30 15 53.5	3.8	143	14.5	0.42	099	159	02 46 15.82	−30 13 42.1	4.1	181	16.9	0.34	067
111	02 46 13.09	−30 13 29.7	7.0	507	26.3	0.25	117	160	02 46 15.92	−30 18 43.1	18.2	1880	58.4	0.06	004
112	02 46 13.13	−30 15 45.2	2.1	47.6	12.7	0.39	094	161	02 46 15.93	−30 14 58.4	3.4	103	21.9	0.11	053
113	02 46 13.14	−30 13 20.0	15.2	1480	51.4	0.08	127	162	02 46 15.98	−30 15 37.8	8.8	806	42.9	0.21	106
114	02 46 13.20	−30 15 18.2	10.4	627	22.6	0.32	058	163	02 46 16.01	−30 16 26.0	8.7	450	26.6	0.19	146
115	02 46 13.21	−30 13 32.6	2.1	81.0	19.1	0.24	076	164	02 46 16.03	−30 15 43.6	25.2	6660	156	0.37	154
116	02 46 13.21	−30 16 02.1	7.2	255	17.7	0.09	113	165	02 46 16.04	−30 16 44.9	2.8	123	24.2	0.38	169
117	02 46 13.29	−30 18 35.2	8.8	382	20.4	0.44	030	166	02 46 16.33	−30 15 03.2	1.5	41.5	14.7	0.17	138
118	02 46 13.47	−30 16 05.9	2.3	38.2	11.5	0.24	163	167	02 46 16.33	−30 17 16.2	4.8	820	55.1	0.25	078
119	02 46 13.47	−30 18 44.4	12.2	774	30.6	0.45	081	168	02 46 16.43	−30 16 37.7	6.0	248	21.4	0.14	153
120	02 46 13.58	−30 15 23.7	13.2	551	19.8	0.54	012	169	02 46 16.49	−30 14 34.8	16.4	2730	66.1	0.13	011
121	02 46 13.61	−30 16 23.7	12.0	501	17.3	0.18	098	170	02 46 16.49	−30 16 01.8	4.0	106	14.5	0.21	120
122	02 46 13.64	−30 13 45.5	22.2	2200	68.3	0.05	122	171	02 46 16.51	−30 17 18.4	2.3	247	32.4	0.48	083
123	02 46 13.75	−30 15 03.2	6.8	1990	104	0.14	050	172	02 46 16.51	−30 15 51.2	20.3	3340	59.8	0.36	132
124	02 46 13.92	−30 14 59.3	14.1	6100	136	0.19	053	173	02 46 16.54	−30 15 00.6	16.4	1150	25.9	0.65	081
125	02 46 13.94	−30 13 14.7	3.4	87.9	13.0	0.06	035	174	02 46 16.83	−30 18 56.7	9.2	332	14.3	0.26	045
126	02 46 13.97	−30 15 04.4	1.9	370	51.4	0.39	139	175	02 46 16.96	−30 14 33.9	34.1	6330	83.9	0.20	004
127	02 46 14.06	−30 14 51.1	2.3	302	35.2	0.45	009	176	02 46 17.06	−30 16 00.6	4.5	148	14.8	0.43	080
128	02 46 14.15	−30 18 28.3	12.0	533	22.1	0.40	081	177	02 46 17.06	−30 13 26.7	4.7	128	11.6	0.30	007
129	02 46 14.18	−30 14 16.5	3.8	96.3	12.2	0.46	051	178	02 46 17.13	−30 16 18.8	4.3	187	16.3	0.71	103

TABLE 2—*Continued*

No.	α (J2000)	δ (J2000)	Area (arcsec)^2	Total DN	Peak DN	e	P.A. °
179	02 46 17.22	−30 15 13.8	12.2	1130	38.9	0.26	010
180	02 46 17.31	−30 15 29.7	10.5	504	25.1	0.23	093
181	02 46 17.38	−30 14 56.5	4.3	143	15.8	0.23	080
182	02 46 17.39	−30 13 14.6	3.4	101	17.0	0.23	108
183	02 46 17.51	−30 15 44.0	8.3	314	14.5	0.20	135
184	02 46 17.58	−30 15 15.5	14.1	1170	41.9	0.61	052
185	02 46 17.58	−30 16 47.1	4.3	199	21.8	0.11	105
186	02 46 17.66	−30 14 33.2	21.1	3960	111	0.28	110
187	02 46 17.69	−30 14 25.0	10.5	747	40.6	0.20	118
188	02 46 18.03	−30 15 50.2	2.8	41.6	10.2	0.39	088
189	02 46 18.10	−30 13 19.9	3.2	72.8	12.4	0.41	117
190	02 46 18.11	−30 16 52.7	2.7	66.5	21.1	0.44	140
191	02 46 18.13	−30 15 29.5	4.7	127	10.6	0.36	081
192	02 46 18.15	−30 17 37.4	4.5	117	14.2	0.13	150
193	02 46 18.20	−30 14 37.7	4.1	126	15.5	0.28	100
194	02 46 18.22	−30 14 22.6	10.9	430	17.1	0.25	029
195	02 46 18.25	−30 14 31.7	3.6	90.5	13.6	0.70	060
196	02 46 18.36	−30 16 32.6	5.5	20700	1050	0.40	160
197	02 46 18.46	−30 17 44.8	14.1	921	29.5	0.50	025
198	02 46 18.46	−30 16 24.0	2.1	12000	1210	0.33	041
199	02 46 18.57	−30 15 13.0	11.5	1130	37.6	0.39	097
200	02 46 18.57	−30 17 38.6	25.2	1920	39.6	0.23	106
201	02 46 18.58	−30 16 22.2	0.9	5280	1160	0.41	071
202	02 46 18.61	−30 14 44.8	17.5	1120	27.9	0.47	062
203	02 46 18.65	−30 14 34.1	4.9	207	18.3	0.26	123
204	02 46 18.71	−30 13 58.3	18.6	1390	38.1	0.29	040
205	02 46 18.72	−30 15 17.3	2.6	125	19.3	0.41	102
206	02 46 18.75	−30 15 52.8	6.6	303	23.8	0.02	100
207	02 46 18.79	−30 14 30.1	15.6	2380	106	0.06	103
208	02 46 18.81	−30 16 39.2	10.7	35700	785	0.80	096
209	02 46 18.98	−30 15 35.3	5.5	221	15.8	0.29	023
210	02 46 19.07	−30 16 02.4	3.4	79.5	15.2	0.69	104
211	02 46 19.08	−30 14 42.2	7.5	409	18.1	0.06	160
212	02 46 19.08	−30 15 13.9	5.3	173	13.4	0.51	100
213	02 46 19.11	−30 16 19.9	4.9	36000	1840	0.17	090
214	02 46 19.18	−30 15 21.2	2.6	416	200	0.74	080
215	02 46 19.21	−30 15 32.8	7.0	308	19.8	0.30	074
216	02 46 19.25	−30 17 43.0	5.3	160	17.1	0.49	112
217	02 46 19.25	−30 14 04.6	8.7	453	19.6	0.50	037
218	02 46 19.30	−30 17 47.3	13.0	727	27.7	0.22	157
219	02 46 19.37	−30 14 29.3	8.5	500	24.1	0.52	087
220	02 46 19.42	−30 16 36.3	1.3	4140	661	0.10	093
221	02 46 19.44	−30 15 15.7	19.4	2230	74.0	0.05	045
222	02 46 19.49	−30 15 22.7	16.0	1430	43.8	0.33	151
223	02 46 19.49	−30 16 33.3	3.6	12600	916	0.14	138
224	02 46 19.52	−30 14 58.4	28.8	11600	253	0.08	179
225	02 46 19.56	−30 19 03.1	7.2	322	23.5	0.15	068
226	02 46 19.60	−30 16 24.8	6.4	53800	2420	0.40	134
227	02 46 19.62	−30 16 28.2	1.5	8700	1180	0.21	136
228	02 46 19.72	−30 16 03.3	9.6	357	17.0	0.37	093
229	02 46 19.73	−30 14 22.3	19.8	2300	82.0	0.15	174
230	02 46 19.87	−30 17 51.0	3.8	866	56.2	0.41	074
231	02 46 20.08	−30 17 23.7	3.4	85.2	12.8	0.55	169
232	02 46 20.27	−30 15 02.0	31.8	7490	224	0.27	054
233	02 46 20.30	−30 14 29.2	50.5	18500	241	0.18	074
234	02 46 20.35	−30 17 11.3	22.2	1750	36.1	0.15	071
235	02 46 20.36	−30 17 50.6	2.9	732	60.3	0.33	061
236	02 46 20.42	−30 17 44.8	1.7	241	68.1	0.23	107
237	02 46 20.42	−30 17 44.9	2.1	255	68.1	0.19	112
238	02 46 20.46	−30 15 22.3	6.8	322	22.4	0.43	129
239	02 46 20.48	−30 19 06.4	8.1	398	20.6	0.25	080
240	02 46 20.53	−30 16 57.7	2.1	44.5	16.8	0.60	169
241	02 46 20.59	−30 17 26.6	4.3	105	12.5	0.47	065
242	02 46 20.59	−30 17 50.7	2.3	659	72.6	0.59	093
243	02 46 20.59	−30 17 54.0	3.2	393	37.2	0.09	004
244	02 46 20.65	−30 14 49.7	3.8	111	16.5	0.54	147
245	02 46 20.65	−30 14 02.7	51.1	7540	120	0.43	131
246	02 46 20.66	−30 16 14.1	1.7	35.4	16.6	0.19	165
247	02 46 20.75	−30 15 24.6	2.4	79.4	14.0	0.25	045
248	02 46 20.76	−30 14 56.6	5.8	255	20.5	0.14	096
249	02 46 20.83	−30 16 24.6	2.8	88.1	19.2	0.62	174
250	02 46 20.84	−30 15 32.2	3.0	194	27.6	0.25	120
251	02 46 20.84	−30 16 15.8	5.0	233	18.9	0.33	088
252	02 46 20.88	−30 17 51.9	7.9	3500	136	0.24	089
253	02 46 20.92	−30 15 00.1	6.0	268	24.3	0.26	085
254	02 46 20.92	−30 17 44.4	9.4	1870	110	0.07	083
255	02 46 20.92	−30 17 44.4	10.8	1910	110	0.06	088
256	02 46 20.97	−30 15 24.1	3.4	83.0	12.8	0.34	133
257	02 46 21.01	−30 16 51.7	3.6	92.7	19.0	0.37	169
258	02 46 21.03	−30 15 20.2	4.5	123	13.0	0.01	149
259	02 46 21.15	−30 15 33.8	4.7	338	29.5	0.17	092
260	02 46 21.36	−30 14 03.6	5.2	189	15.8	0.17	135
261	02 46 21.40	−30 17 52.0	9.6	2690	82.7	0.49	083
262	02 46 21.46	−30 15 12.0	11.3	874	40.3	0.10	011
263	02 46 21.49	−30 16 06.8	10.7	414	16.6	0.19	030
264	02 46 21.49	−30 17 33.1	11.6	646	27.0	0.31	070
265	02 46 21.63	−30 14 19.9	22.0	1570	39.3	0.06	111
266	02 46 21.79	−30 19 31.6	6.6	208	11.9	0.50	086
267	02 46 21.79	−30 15 52.0	16.7	1300	51.0	0.12	036
268	02 46 21.80	−30 15 27.6	10.9	358	12.9	0.40	123
269	02 46 21.81	−30 19 07.9	19.6	1840	53.0	0.42	053
270	02 46 21.84	−30 14 05.4	14.7	1050	41.0	0.31	063
271	02 46 21.93	−30 17 13.3	5.5	1250	58.1	0.58	007
272	02 46 21.94	−30 17 47.7	11.7	785	34.1	0.19	060
273	02 46 22.09	−30 16 35.0	4.5	149	14.8	0.55	125
274	02 46 22.18	−30 16 05.9	6.2	254	17.5	0.17	136
275	02 46 22.18	−30 17 20.1	16.4	4920	108	0.64	143
276	02 46 22.19	−30 16 57.8	29.4	3920	78.6	0.45	163

TABLE 2—*Continued*

No.	α (J2000)	δ (J2000)	Area (arcsec)^2	Total DN	Peak DN	e	P.A. °
277	02 46 22.38	−30 17 50.2	7.5	3080	161	0.13	064
278	02 46 22.38	−30 14 29.6	3.2	51.0	9.41	0.53	082
279	02 46 22.40	−30 17 03.8	3.9	177	21.8	0.21	178
280	02 46 22.46	−30 14 03.6	2.9	80.0	17.2	0.32	178
281	02 46 22.49	−30 19 18.6	2.6	62.5	13.5	0.38	057
282	02 46 22.49	−30 17 44.7	9.2	894	51.7	0.48	038
283	02 46 22.60	−30 17 29.9	25.2	7910	240	0.55	149
284	02 46 22.62	−30 17 18.5	13.2	1440	70.6	0.49	145
285	02 46 22.67	−30 17 50.7	6.0	1970	110	0.29	147
286	02 46 22.80	−30 14 08.7	7.9	571	36.8	0.15	066
287	02 46 22.81	−30 17 09.8	7.2	265	16.7	0.45	002
288	02 46 22.86	−30 16 37.0	3.1	54.1	14.4	0.20	155
289	02 46 22.92	−30 17 53.8	16.9	9290	221	0.32	074
290	02 46 22.96	−30 17 45.3	3.4	715	57.3	0.26	140
291	02 46 23.01	−30 17 40.8	7.7	1900	67.0	0.34	015
292	02 46 23.03	−30 19 08.1	12.0	580	20.4	0.12	072
293	02 46 23.08	−30 16 20.3	6.0	236	16.5	0.32	106
294	02 46 23.19	−30 17 43.5	3.3	663	51.9	0.28	039
295	02 46 23.28	−30 14 06.4	1.7	163	31.7	0.63	024
296	02 46 23.34	−30 18 41.9	5.6	306	20.8	0.40	081
297	02 46 23.35	−30 17 01.7	9.2	371	18.9	0.46	045
298	02 46 23.52	−30 16 32.3	12.8	830	36.9	0.17	149
299	02 46 23.58	−30 18 56.9	14.3	1390	44.3	0.32	164
300	02 46 23.64	−30 14 08.1	6.2	2290	99.7	0.08	123
301	02 46 23.76	−30 17 49.2	3.7	1060	76.6	0.29	100
302	02 46 23.80	−30 17 39.4	11.3	717	30.7	0.33	060
303	02 46 23.84	−30 14 01.9	4.5	245	26.1	0.23	059
304	02 46 23.89	−30 14 10.8	6.2	2300	103	0.40	129
305	02 46 23.90	−30 18 40.6	4.9	273	26.2	0.11	179
306	02 46 23.91	−30 18 52.2	10.6	841	26.3	0.20	014
307	02 46 23.92	−30 17 42.7	3.0	84.2	14.7	0.51	089
308	02 46 23.99	−30 19 18.1	7.3	304	17.6	0.16	158
309	02 46 24.03	−30 17 52.4	17.9	7270	128	0.17	165
310	02 46 24.19	−30 18 45.2	3.6	85.3	14.3	0.66	099
311	02 46 24.35	−30 16 40.2	14.1	983	23.8	0.66	151
312	02 46 24.36	−30 19 01.9	7.5	491	33.1	0.00	115
313	02 46 24.37	−30 17 52.0	1.9	405	57.8	0.24	153
314	02 46 24.43	−30 17 58.1	16.8	2380	59.9	0.49	136
315	02 46 24.45	−30 14 05.4	14.3	3530	130	0.20	055
316	02 46 24.54	−30 14 00.6	7.5	1040	58.6	0.58	064
317	02 46 24.55	−30 17 09.8	4.7	138	13.3	0.12	131
318	02 46 24.58	−30 16 45.0	4.3	275	22.8	0.06	156
319	02 46 24.59	−30 18 57.1	2.6	64.9	16.7	0.18	004
320	02 46 24.64	−30 18 50.2	17.7	1110	33.4	0.24	006
321	02 46 25.00	−30 14 14.3	12.6	2170	54.6	0.43	101
322	02 46 25.18	−30 14 18.7	7.1	1170	50.3	0.28	001
323	02 46 25.27	−30 16 53.6	16.6	8280	193	0.03	126
324	02 46 25.27	−30 18 39.2	8.9	668	30.0	0.28	044
325	02 46 25.37	−30 17 05.1	11.7	931	39.6	0.42	127
326	02 46 25.43	−30 18 35.1	2.1	76.1	16.5	0.66	176
327	02 46 25.45	−30 16 50.7	4.1	1170	84.2	0.16	123
328	02 46 25.47	−30 14 14.2	5.8	561	27.6	0.51	071
329	02 46 25.52	−30 17 12.8	29.5	6590	200	0.43	019
330	02 46 25.56	−30 18 19.8	9.8	434	17.8	0.24	179
331	02 46 25.56	−30 19 10.4	3.0	71.7	11.5	0.33	081
332	02 46 25.59	−30 17 20.4	4.5	151	16.2	0.23	168
333	02 46 25.60	−30 16 53.4	2.6	622	60.4	0.13	119
334	02 46 25.63	−30 18 28.4	3.3	91.4	15.0	0.41	139
335	02 46 25.64	−30 14 20.3	1.5	50.4	17.1	0.77	141
336	02 46 25.66	−30 14 42.8	2.6	48.8	11.3	0.55	036
337	02 46 25.68	−30 17 08.5	3.4	224	21.6	0.08	003
338	02 46 25.70	−30 18 47.7	13.9	816	26.4	0.31	039
339	02 46 25.71	−30 18 04.4	4.0	141	14.8	0.12	124
340	02 46 25.78	−30 17 29.7	26.5	2500	52.2	0.31	160
341	02 46 25.80	−30 18 09.5	7.0	244	17.4	0.34	073
342	02 46 25.83	−30 18 23.3	2.4	111	16.0	0.45	020
343	02 46 25.93	−30 14 27.1	5.0	161	13.8	0.29	175
344	02 46 25.99	−30 17 46.9	30.9	2230	41.7	0.44	146
345	02 46 26.07	−30 17 38.7	4.3	98.1	12.2	0.29	020
346	02 46 26.19	−30 17 33.5	2.4	83.0	14.2	0.47	079
347	02 46 26.19	−30 17 33.5	3.2	109	14.2	0.49	078
348	02 46 26.19	−30 18 21.5	27.8	3220	41.9	0.17	008
349	02 46 26.30	−30 14 18.4	24.5	1400	32.2	0.29	088
350	02 46 26.48	−30 14 29.4	5.8	186	14.6	0.42	083
351	02 46 26.50	−30 18 00.3	11.0	687	33.5	0.20	090
352	02 46 26.64	−30 18 25.0	5.6	187	13.7	0.45	042
353	02 46 26.73	−30 18 29.7	9.8	789	47.3	0.25	073
354	02 46 27.19	−30 14 15.5	3.0	98.6	14.3	0.51	090
355	02 46 27.23	−30 14 35.1	4.7	149	15.8	0.27	064
356	02 46 27.35	−30 18 53.5	3.6	96.7	12.8	0.04	141
357	02 46 27.36	−30 14 24.3	5.3	284	25.3	0.09	069
358	02 46 27.39	−30 14 29.9	6.0	405	30.7	0.34	105
359	02 46 27.43	−30 14 16.1	2.4	87.4	17.2	0.46	117
360	02 46 27.69	−30 14 33.5	9.2	957	48.5	0.23	107
361	02 46 27.89	−30 19 01.4	3.6	89.0	15.0	0.18	092
362	02 46 27.94	−30 14 26.4	4.6	150	17.5	0.50	120
363	02 46 28.30	−30 14 35.0	18.8	3440	136	0.15	069
364	02 46 29.01	−30 14 40.9	27.8	5480	140	0.35	128
365	02 46 29.46	−30 19 18.9	4.5	144	20.1	0.25	134
366	02 46 29.50	−30 14 42.0	14.1	1530	49.5	0.40	120
367	02 46 29.52	−30 18 42.5	6.6	232	13.3	0.32	110
368	02 46 29.82	−30 18 57.1	6.0	154	12.0	0.54	107
369	02 46 30.21	−30 19 16.3	7.9	270	15.8	0.27	161
370	02 46 30.35	−30 14 48.7	17.3	3630	124	0.45	157
371	02 46 30.65	−30 19 34.8	6.4	199	14.0	0.41	011
372	02 46 30.76	−30 15 06.1	3.4	95.1	14.9	0.15	019
373	02 46 31.16	−30 15 11.0	7.7	472	25.1	0.37	096
374	02 46 31.37	−30 15 04.7	7.5	449	31.5	0.11	024

TABLE 2—*Continued*

No.	α (J2000)	δ (J2000)	Area (arcsec)^2	Total DN	Peak DN	*e*	P.A. °
375	02 46 31.54	−30 15 13.0	12.4	995	37.8	0.41	111
376	02 46 31.69	−30 15 01.6	14.9	1320	56.5	0.22	151
377	02 46 32.58	−30 15 18.7	7.3	274	17.1	0.11	112
378	02 46 32.65	−30 18 08.5	9.0	423	23.1	0.29	128
379	02 46 32.90	−30 17 56.1	14.1	850	29.1	0.21	127
380	02 46 33.04	−30 18 07.1	10.4	355	13.2	0.34	064
381	02 46 33.14	−30 17 41.4	6.0	265	19.6	0.22	025
382	02 46 33.27	−30 15 21.4	10.3	696	34.2	0.05	157
383	02 46 33.33	−30 15 42.1	16.0	2030	51.0	0.42	058
384	02 46 33.79	−30 18 10.8	17.0	934	30.8	0.37	094
385	02 46 33.81	−30 18 15.7	8.8	317	15.0	0.13	146
386	02 46 33.86	−30 15 40.6	21.3	7970	249	0.23	103
387	02 46 33.91	−30 15 56.1	6.2	205	13.7	0.24	165
388	02 46 34.06	−30 15 50.3	6.4	294	22.2	0.08	072
389	02 46 34.18	−30 16 51.3	3.5	64.9	11.5	0.22	045
390	02 46 34.20	−30 18 45.1	4.1	128	18.8	0.20	069
391	02 46 34.33	−30 15 59.8	3.9	110	13.4	0.28	085
392	02 46 34.43	−30 18 08.1	12.8	687	23.4	0.25	120
393	02 46 34.50	−30 15 45.0	2.5	53.6	11.9	0.36	126
394	02 46 34.66	−30 18 24.4	24.0	1860	37.6	0.40	007
395	02 46 34.66	−30 16 07.7	4.3	120	14.6	0.28	117
396	02 46 34.69	−30 16 14.4	7.5	215	12.1	0.38	137
397	02 46 34.71	−30 15 57.6	3.8	127	18.3	0.27	133
398	02 46 34.93	−30 18 15.3	12.0	715	24.0	0.48	099
399	02 46 34.95	−30 16 54.6	9.8	386	21.0	0.20	139
400	02 46 35.05	−30 16 06.8	2.3	43.4	13.0	0.14	075
401	02 46 35.07	−30 17 53.5	3.5	102	17.3	0.21	162
402	02 46 35.34	−30 12 58.3	9.3	435	17.4	0.90	166
			NGC 1672				
1	04 45 21.63	−59 12 50.0	8.7	370	25.8	0.29	033
2	04 45 22.29	−59 14 01.1	12.4	652	29.9	0.09	112
3	04 45 22.85	−59 14 07.3	13.2	848	34.6	0.11	085
4	04 45 22.94	−59 13 50.3	13.0	740	28.6	0.13	002
5	04 45 24.41	−59 14 08.9	16.3	1100	33.6	0.11	049
6	04 45 24.69	−59 14 01.2	10.6	480	25.2	0.62	101
7	04 45 24.77	−59 13 46.6	4.1	113	19.0	0.46	138
8	04 45 26.39	−59 13 15.7	7.0	277	22.7	0.25	032
9	04 45 27.03	−59 14 13.6	3.7	140	23.8	0.44	075
10	04 45 27.10	−59 13 37.5	14.1	798	23.7	0.50	032
11	04 45 27.12	−59 13 14.4	6.0	237	21.7	0.13	100
12	04 45 27.16	−59 12 39.9	3.7	94.4	19.5	0.41	174
13	04 45 27.30	−59 14 01.8	15.3	2380	67.8	0.04	010
14	04 45 27.70	−59 13 56.3	16.3	2510	69.5	0.20	029
15	04 45 27.80	−59 14 53.8	4.8	169	20.1	0.44	175
16	04 45 28.25	−59 15 24.8	13.7	1280	38.2	0.28	128
17	04 45 28.29	−59 14 15.5	3.3	240	32.2	0.34	024
18	04 45 28.31	−59 13 00.5	8.8	524	28.3	0.18	116
19	04 45 28.48	−59 15 30.0	7.6	601	41.5	0.10	026
20	04 45 28.48	−59 15 36.6	19.8	2260	62.5	0.22	178
21	04 45 28.53	−59 14 47.9	5.2	193	25.0	0.57	004
22	04 45 28.60	−59 12 20.7	7.3	401	24.4	0.28	028
23	04 45 28.65	−59 14 10.4	19.2	2100	44.6	0.44	041
24	04 45 28.66	−59 13 57.7	5.4	188	20.6	0.37	041
25	04 45 28.66	−59 14 14.6	2.7	159	27.7	0.19	157
26	04 45 28.83	−59 15 01.2	9.7	695	37.9	0.07	129
27	04 45 29.11	−59 13 08.9	8.2	347	26.5	0.58	077
28	04 45 29.27	−59 12 22.2	3.7	104	21.4	0.42	133
29	04 45 29.27	−59 15 19.4	36.6	5090	77.9	0.06	052
30	04 45 29.29	−59 14 43.9	8.6	561	35.7	0.27	078
31	04 45 29.34	−59 13 33.6	13.0	3360	94.3	0.69	109
32	04 45 29.43	−59 15 09.0	18.1	1260	34.9	0.22	136
33	04 45 29.55	−59 13 14.1	6.6	280	20.8	0.06	072
34	04 45 29.89	−59 13 28.5	17.4	7760	134	0.35	117
35	04 45 30.15	−59 15 00.6	14.3	4840	112	0.29	068
36	04 45 30.36	−59 15 03.7	2.9	530	52.2	0.22	104
37	04 45 30.61	−59 12 01.5	20.5	1990	54.9	0.23	104
38	04 45 30.70	−59 13 10.7	5.5	1070	61.1	0.08	164
39	04 45 30.70	−59 13 22.9	9.2	1610	55.4	0.69	078
40	04 45 30.92	−59 13 07.2	6.6	1300	75.4	0.16	083
41	04 45 31.44	−59 14 52.7	13.4	1190	45.0	0.38	013
42	04 45 31.48	−59 16 10.5	5.0	161	19.1	0.45	140
43	04 45 31.49	−59 15 31.2	27.7	3820	100	0.33	156
44	04 45 31.72	−59 14 18.5	12.2	2750	88.6	0.34	097
45	04 45 31.73	−59 14 42.8	52.4	31500	491	0.14	039
46	04 45 32.06	−59 13 21.7	3.7	114	20.3	0.42	080
47	04 45 32.08	−59 16 14.9	6.2	218	23.0	0.58	064
48	04 45 32.11	−59 13 14.6	5.4	255	27.6	0.36	008
49	04 45 32.19	−59 14 14.6	4.1	766	62.4	0.03	106
50	04 45 32.35	−59 14 17.6	3.8	692	62.1	0.28	061
51	04 45 32.39	−59 14 32.0	30.8	10200	245	0.23	033
52	04 45 32.86	−59 12 45.7	28.9	20500	534	0.04	108
53	04 45 32.86	−59 12 45.7	29.8	20600	534	0.04	113
54	04 45 32.92	−59 12 59.1	21.8	1580	40.2	0.16	062
55	04 45 32.98	−59 14 14.7	17.0	4540	157	0.08	039
56	04 45 33.06	−59 14 25.2	20.0	5200	149	0.08	065
57	04 45 33.15	−59 12 11.5	5.2	155	18.4	0.26	013
58	04 45 33.21	−59 14 19.2	3.9	356	37.2	0.26	097
59	04 45 33.47	−59 15 14.2	2.3	719	81.8	0.25	038
60	04 45 33.59	−59 14 57.0	12.1	2880	107	0.09	098
61	04 45 33.59	−59 14 57.1	10.8	2820	107	0.10	105
62	04 45 33.60	−59 14 31.0	11.8	984	56.5	0.55	134
63	04 45 33.63	−59 15 07.5	51.4	38300	498	0.47	003
64	04 45 33.84	−59 14 46.8	57.0	32700	343	0.46	057
65	04 45 34.03	−59 14 18.3	21.2	2750	43.7	0.48	079
66	04 45 34.09	−59 12 03.4	4.8	186	20.5	0.48	132
67	04 45 34.13	−59 15 50.0	4.6	120	17.1	0.41	085

TABLE 2—*Continued*

No.	α (J2000)	δ (J2000)	Area (arcsec)^2	Total DN	Peak DN	e	P.A. °	No.	α (J2000)	δ (J2000)	Area (arcsec)^2	Total DN	Peak DN	e	P.A. °
68	04 45 34.39	−59 13 03.4	30.2	2670	45.6	0.16	063	117	04 45 40.31	−59 15 32.0	43.5	7410	108	0.44	120
69	04 45 34.51	−59 16 35.2	7.0	325	21.3	0.23	115	118	04 45 40.39	−59 16 37.5	20.1	2200	65.7	0.09	130
70	04 45 34.60	−59 15 29.0	11.3	827	34.3	0.32	084	119	04 45 40.43	−59 15 08.9	3.1	97.6	28.3	0.19	136
71	04 45 34.63	−59 15 57.9	5.5	217	20.4	0.07	093	120	04 45 40.50	−59 15 25.4	6.8	313	25.0	0.37	160
72	04 45 34.87	−59 15 19.3	4.9	836	50.4	0.14	075	121	04 45 40.99	−59 15 34.0	3.1	267	32.8	0.24	037
73	04 45 34.96	−59 17 08.3	10.5	493	25.1	0.32	170	122	04 45 41.67	−59 15 06.3	15.9	3120	102	0.20	146
74	04 45 35.15	−59 14 18.2	3.9	1280	87.8	0.47	103	123	04 45 41.98	−59 12 43.8	5.6	196	23.5	0.40	175
75	04 45 35.20	−59 14 14.4	14.3	7030	148	0.19	068	124	04 45 42.01	−59 15 10.3	3.5	182	26.3	0.34	137
76	04 45 35.21	−59 15 14.8	6.8	993	45.8	0.44	028	125	04 45 42.08	−59 14 51.7	7.9	81200	2460	0.23	134
77	04 45 35.33	−59 14 51.0	3.7	694	53.7	0.54	044	126	04 45 42.10	−59 12 36.4	4.4	474	40.8	0.41	068
78	04 45 35.33	−59 13 32.2	14.6	1080	36.2	0.32	097	127	04 45 42.11	−59 12 39.2	5.2	404	27.7	0.21	131
79	04 45 35.44	−59 14 47.2	5.4	1410	102	0.15	010	128	04 45 42.24	−59 14 46.0	4.2	25300	1200	0.38	026
80	04 45 35.67	−59 13 51.6	4.1	154	26.5	0.06	176	129	04 45 42.33	−59 15 33.9	19.0	1340	34.6	0.10	010
81	04 45 36.10	−59 15 37.1	3.9	118	18.8	0.23	119	130	04 45 42.54	−59 14 54.7	4.6	40600	1970	0.30	103
82	04 45 36.15	−59 12 00.5	7.4	250	20.1	0.54	134	131	04 45 42.90	−59 14 08.7	9.7	582	29.0	0.20	152
83	04 45 36.18	−59 12 44.0	30.0	2490	45.1	0.32	127	132	04 45 42.93	−59 15 24.5	5.5	289	23.7	0.57	102
84	04 45 36.18	−59 14 47.0	20.7	5050	76.0	0.24	143	133	04 45 43.14	−59 14 31.2	9.1	436	22.4	0.44	085
85	04 45 36.19	−59 17 14.1	5.2	230	22.6	0.33	104	134	04 45 43.21	−59 16 44.3	13.9	8560	207	0.09	029
86	04 45 36.23	−59 16 11.0	15.7	1260	44.5	0.14	155	135	04 45 43.28	−59 14 47.7	11.0	25600	684	0.29	130
87	04 45 36.28	−59 12 51.7	13.7	990	35.7	0.21	021	136	04 45 43.51	−59 15 09.2	9.5	792	49.0	0.42	066
88	04 45 36.39	−59 11 40.4	13.5	820	31.3	0.28	153	137	04 45 43.63	−59 18 22.8	6.6	282	22.5	0.27	109
89	04 45 36.52	−59 14 04.3	9.5	554	29.9	0.47	123	138	04 45 43.75	−59 16 45.8	6.4	2610	103	0.25	045
90	04 45 36.78	−59 15 26.7	14.3	843	27.0	0.28	097	139	04 45 43.78	−59 12 12.4	3.1	95.2	25.8	0.49	007
91	04 45 36.81	−59 12 13.8	4.7	135	16.9	0.40	084	140	04 45 43.91	−59 14 56.9	18.4	22700	401	0.25	097
92	04 45 36.82	−59 14 14.7	58.3	24500	218	0.45	136	141	04 45 43.92	−59 14 07.3	6.8	304	26.0	0.10	086
93	04 45 37.11	−59 14 04.9	3.5	134	22.0	0.36	050	142	04 45 44.20	−59 14 12.6	16.5	1240	36.1	0.44	102
94	04 45 37.72	−59 14 59.2	13.9	1300	50.2	0.13	144	143	04 45 44.41	−59 13 51.9	15.2	1660	49.6	0.13	092
95	04 45 37.75	−59 14 41.0	50.0	4250	45.0	0.34	083	144	04 45 44.63	−59 15 30.2	16.8	1570	49.8	0.27	136
96	04 45 37.80	−59 13 07.7	21.7	1220	32.2	0.55	089	145	04 45 44.83	−59 14 30.1	18.2	1050	28.4	0.38	127
97	04 45 37.89	−59 12 18.0	10.8	670	27.1	0.29	082	146	04 45 45.13	−59 14 42.4	4.1	127	21.5	0.42	047
98	04 45 38.10	−59 15 39.2	9.9	589	29.0	0.14	107	147	04 45 45.55	−59 14 53.6	3.7	114	22.3	0.73	012
99	04 45 38.20	−59 12 30.8	17.4	1110	30.0	0.54	174	148	04 45 45.60	−59 12 14.2	22.3	1900	45.1	0.15	057
100	04 45 38.57	−59 14 31.6	11.0	540	25.4	0.48	117	149	04 45 45.66	−59 16 46.8	5.7	249	23.2	0.36	123
101	04 45 38.64	−59 16 23.4	7.1	510	28.3	0.36	165	150	04 45 46.04	−59 15 04.2	3.5	149	21.6	0.27	005
102	04 45 38.79	−59 12 25.6	8.7	413	26.3	0.34	141	151	04 45 46.07	−59 15 16.9	5.3	224	23.7	0.47	115
103	04 45 38.82	−59 16 04.4	7.7	436	28.3	0.40	161	152	04 45 46.27	−59 13 33.8	4.8	158	18.8	0.34	005
104	04 45 38.83	−59 14 01.8	46.5	9510	176	0.47	025	153	04 45 46.34	−59 15 01.8	5.4	290	23.8	0.14	172
105	04 45 38.85	−59 14 24.8	5.0	160	18.3	0.36	125	154	04 45 46.42	−59 13 51.3	12.6	2030	68.6	0.43	141
106	04 45 38.92	−59 12 04.1	17.4	1550	52.0	0.24	129	155	04 45 46.42	−59 13 51.3	15.9	2140	68.6	0.44	139
107	04 45 38.95	−59 14 38.6	10.8	579	24.1	0.34	064	156	04 45 46.57	−59 12 20.1	4.5	167	23.1	0.20	113
108	04 45 39.00	−59 15 33.8	3.1	78.5	22.5	0.58	166	157	04 45 46.57	−59 14 16.8	20.1	3620	112	0.34	131
109	04 45 39.37	−59 15 14.1	5.2	179	21.6	0.42	128	158	04 45 46.58	−59 14 16.9	23.2	3750	112	0.33	131
110	04 45 39.80	−59 14 07.5	14.3	1200	43.4	0.44	114	159	04 45 46.59	−59 12 20.0	2.7	104	23.1	0.33	137
111	04 45 39.83	−59 13 06.3	30.6	3160	61.0	0.49	120	160	04 45 46.63	−59 16 53.8	16.1	1310	39.0	0.27	134
112	04 45 39.90	−59 14 26.9	7.2	446	24.3	0.29	142	161	04 45 46.86	−59 14 57.1	4.0	342	30.7	0.41	097
113	04 45 39.93	−59 15 18.3	11.4	910	47.2	0.15	025	162	04 45 47.14	−59 13 57.8	34.6	24900	483	0.11	098
114	04 45 40.17	−59 13 56.3	18.7	2900	82.6	0.20	134	163	04 45 47.14	−59 13 57.8	33.5	24900	483	0.11	097
115	04 45 40.24	−59 12 32.1	5.6	323	26.7	0.46	094	164	04 45 47.17	−59 12 37.8	52.7	11200	174	0.51	104
116	04 45 40.30	−59 14 29.9	2.5	80.2	26.1	0.35	161	165	04 45 47.18	−59 14 53.7	15.1	2940	101	0.05	166

TABLE 2—*Continued*

No.	α (J2000)	δ (J2000)	Area (arcsec)^2	Total DN	Peak DN	e	P.A. °
166	04 45 47.27	−59 15 09.3	28.9	2350	35.6	0.32	036
167	04 45 47.33	−59 14 31.6	3.9	114	20.7	0.15	017
168	04 45 47.35	−59 14 42.1	6.8	308	22.1	0.61	057
169	04 45 47.38	−59 14 14.2	2.9	1400	114	0.32	000
170	04 45 47.38	−59 14 10.8	4.5	2650	153	0.23	156
171	04 45 47.48	−59 15 22.2	4.2	121	17.4	0.25	134
172	04 45 47.87	−59 12 45.9	5.8	243	25.2	0.53	081
173	04 45 47.89	−59 14 18.2	9.1	2730	108	0.33	106
174	04 45 48.03	−59 12 50.9	3.1	74.0	19.7	0.24	031
175	04 45 48.07	−59 13 50.6	11.2	831	42.7	0.32	066
176	04 45 48.16	−59 12 32.8	17.8	2840	92.1	0.07	166
177	04 45 48.36	−59 15 31.1	7.3	345	23.8	0.30	144
178	04 45 48.91	−59 15 23.0	12.6	651	28.2	0.62	084
179	04 45 48.98	−59 15 03.9	2.9	125	26.4	0.35	114
180	04 45 49.12	−59 14 32.1	12.0	664	28.8	0.33	099
181	04 45 49.56	−59 15 28.5	14.9	1140	47.8	0.38	161
182	04 45 49.95	−59 14 45.3	18.7	7870	194	0.18	148
183	04 45 49.95	−59 12 08.9	10.1	481	26.3	0.22	022
184	04 45 49.96	−59 14 17.3	6.6	349	27.2	0.32	113
185	04 45 50.02	−59 13 55.5	12.2	805	38.4	0.43	094
186	04 45 50.14	−59 15 01.2	16.6	13100	248	0.18	098
187	04 45 50.18	−59 15 09.4	22.8	3640	103	0.16	080
188	04 45 50.28	−59 14 41.1	9.3	2140	84.4	0.17	087
189	04 45 50.32	−59 14 21.0	15.5	902	32.3	0.23	095
190	04 45 50.65	−59 14 58.6	7.2	4550	174	0.26	069
191	04 45 50.68	−59 11 52.5	3.7	119	21.1	0.27	104
192	04 45 50.87	−59 13 45.7	46.1	14200	165	0.10	112
193	04 45 50.87	−59 13 45.7	41.9	14000	165	0.10	115
194	04 45 51.24	−59 12 24.6	5.1	187	18.9	0.06	171
195	04 45 51.30	−59 14 40.4	6.0	220	19.8	0.43	136
196	04 45 51.53	−59 16 45.7	16.5	964	32.5	0.20	096
197	04 45 51.55	−59 15 06.4	25.4	9760	206	0.20	107
198	04 45 51.55	−59 15 06.4	26.1	9790	206	0.20	106
199	04 45 51.78	−59 14 56.1	19.6	4410	123	0.48	058
200	04 45 52.34	−59 12 25.9	6.6	446	26.8	0.45	120
201	04 45 52.40	−59 14 24.6	4.6	161	19.8	0.38	008
202	04 45 52.43	−59 13 37.5	10.1	490	22.1	0.41	103
203	04 45 52.47	−59 13 23.0	6.0	206	18.4	0.38	076
204	04 45 52.48	−59 14 59.7	3.5	1280	99.6	0.45	048
205	04 45 52.53	−59 12 36.9	13.4	982	42.4	0.15	131
206	04 45 52.53	−59 16 39.8	6.0	235	22.9	0.16	113
207	04 45 52.74	−59 14 46.2	12.2	682	30.5	0.45	062
208	04 45 52.77	−59 14 56.2	7.4	4420	194	0.28	101
209	04 45 52.94	−59 14 39.8	15.7	2480	79.4	0.45	110
210	04 45 53.05	−59 13 42.0	13.9	1410	66.4	0.25	177
211	04 45 53.47	−59 14 56.3	9.5	6060	193	0.06	082
212	04 45 53.50	−59 12 57.5	20.9	3100	89.3	0.01	103
213	04 45 53.51	−59 13 25.0	11.0	614	27.0	0.44	143
214	04 45 53.51	−59 12 43.3	9.1	446	24.3	0.34	141
215	04 45 53.72	−59 15 26.5	12.6	842	41.0	0.25	050
216	04 45 53.82	−59 16 44.4	5.4	202	22.9	0.26	050
217	04 45 53.91	−59 13 52.3	48.6	13800	160	0.49	124
218	04 45 54.07	−59 14 29.0	6.0	3320	151	0.24	060
219	04 45 54.20	−59 14 25.3	2.3	972	102	0.40	054
220	04 45 54.49	−59 14 00.5	7.2	708	37.6	0.51	114
221	04 45 54.55	−59 14 16.9	8.7	1890	88.7	0.28	025
222	04 45 54.59	−59 14 08.3	41.8	32600	487	0.44	173
223	04 45 54.69	−59 12 54.4	18.8	1650	56.4	0.10	033
224	04 45 54.78	−59 13 29.8	32.7	2620	44.4	0.25	173
225	04 45 54.84	−59 14 55.0	13.2	702	24.9	0.59	050
226	04 45 55.21	−59 14 37.4	4.3	158	25.0	0.13	024
227	04 45 55.24	−59 14 25.5	25.6	6530	137	0.18	091
228	04 45 55.24	−59 14 25.5	29.0	6680	137	0.18	085
229	04 45 55.25	−59 13 55.7	38.7	17900	250	0.46	040
230	04 45 55.28	−59 15 20.5	4.5	160	22.5	0.20	115
231	04 45 55.71	−59 14 45.6	44.8	17400	267	0.32	073
232	04 45 55.78	−59 14 10.5	4.6	230	31.1	0.35	122
233	04 45 56.10	−59 13 26.3	28.1	2730	48.5	0.02	064
234	04 45 56.16	−59 13 08.9	6.8	283	21.6	0.62	007
235	04 45 56.37	−59 14 24.1	8.1	451	29.9	0.51	061
236	04 45 56.69	−59 13 40.1	7.7	276	20.1	0.39	175
237	04 45 56.80	−59 16 40.4	14.4	1460	56.1	0.16	017
238	04 45 56.82	−59 14 10.1	21.1	1410	34.8	0.54	011
239	04 45 57.51	−59 11 41.3	9.7	444	23.8	0.25	151
240	04 45 57.54	−59 16 54.8	18.8	1430	45.6	0.28	121
241	04 45 57.56	−59 16 11.1	11.6	1010	48.2	0.15	151
242	04 45 57.64	−59 14 40.1	7.5	1470	70.4	0.05	127
243	04 45 57.83	−59 14 36.6	4.4	779	56.1	0.27	115
244	04 45 58.33	−59 14 37.7	5.4	555	45.4	0.20	089
245	04 45 58.54	−59 14 43.5	7.7	899	47.1	0.06	061
246	04 45 59.06	−59 14 44.0	6.4	667	45.6	0.40	111
247	04 45 59.08	−59 16 36.2	4.8	141	17.8	0.16	016
248	04 45 59.72	−59 15 01.3	6.9	433	30.8	0.13	058
249	04 45 59.86	−59 13 19.0	5.3	252	24.8	0.32	047
250	04 46 00.29	−59 16 22.8	3.7	96.0	20.0	0.60	035
251	04 46 00.43	−59 14 24.7	7.3	379	25.6	0.24	165
252	04 46 00.50	−59 14 15.7	3.7	98.1	18.7	0.29	115
253	04 46 00.74	−59 13 09.3	23.8	2290	74.1	0.07	035
254	04 46 01.89	−59 14 52.1	24.2	3150	80.6	0.45	066
255	04 46 02.27	−59 15 21.5	6.6	253	21.8	0.64	051
256	04 46 02.91	−59 14 54.3	5.5	197	21.5	0.26	056
257	04 46 03.85	−59 13 58.5	2.9	75.1	21.1	0.25	116
258	04 46 09.61	−59 11 37.9	3.7	113	21.7	0.59	162
259	04 46 09.73	−59 11 29.4	30.9	2090	32.0	0.57	175
260	04 46 09.74	−59 12 24.0	9.7	11800	499	0.09	157

TABLE 2—*Continued*

No.	α (J2000)	δ (J2000)	Area (arcsec)^2	Total DN	Peak DN	e	P.A. °
			NGC 2782				
1	09 14 01.31	+40 06 36.6	4.5	250	22.0	0.34	040
2	09 14 01.50	+40 06 30.0	5.6	236	14.5	0.53	067
3	09 14 02.34	+40 06 59.5	2.7	346	41.2	0.11	179
4	09 14 02.46	+40 06 54.9	3.2	971	60.2	0.60	002
5	09 14 02.48	+40 06 51.8	4.5	2090	135	0.07	014
6	09 14 02.50	+40 06 47.4	8.6	2870	114	0.07	133
7	09 14 02.73	+40 06 40.7	9.8	1410	51.1	0.22	092
8	09 14 02.96	+40 07 07.3	4.4	552	32.6	0.17	180
9	09 14 03.25	+40 07 04.0	1.6	117	28.5	0.33	074
10	09 14 03.65	+40 07 13.7	4.1	401	37.0	0.02	129
11	09 14 03.68	+40 06 52.5	7.4	834	59.4	0.09	078
12	09 14 03.87	+40 06 13.4	3.3	152	21.4	0.52	164
13	09 14 03.87	+40 06 13.4	3.1	146	21.4	0.53	163
14	09 14 03.90	+40 06 25.9	11.3	888	32.1	0.38	142
15	09 14 04.01	+40 07 09.1	13.6	2360	39.1	0.65	131
16	09 14 04.23	+40 06 42.9	1.0	99.0	23.0	0.39	014
17	09 14 04.34	+40 06 24.4	4.7	324	33.2	0.17	101
18	09 14 04.72	+40 07 14.7	11.9	2030	44.4	0.68	105
19	09 14 04.93	+40 06 26.6	1.8	58.0	19.8	0.70	003
20	09 14 05.04	+40 06 31.6	8.4	779	25.9	0.19	002
21	09 14 05.16	+40 06 42.6	3.2	4070	275	0.56	065
22	09 14 05.42	+40 06 50.1	1.0	10700	1620	0.70	075
23	09 14 05.58	+40 07 28.9	2.6	80.6	14.7	0.40	051
24	09 14 05.93	+40 07 19.1	4.7	149	13.3	0.52	023
25	09 14 06.00	+40 06 47.9	1.2	131	28.0	0.15	045
26	09 14 06.56	+40 06 29.3	4.5	162	13.7	0.65	115
27	09 14 06.69	+40 06 11.1	5.5	312	16.4	0.10	054
28	09 14 06.84	+40 06 37.3	2.3	103	22.1	0.47	080
29	09 14 06.99	+40 07 22.0	2.7	97.9	16.2	0.19	118
30	09 14 07.01	+40 07 14.2	5.7	303	20.7	0.50	123
31	09 14 09.97	+40 06 47.8	7.8	689	38.1	0.25	080
32	09 14 10.80	+40 06 58.7	3.4	131	24.5	0.68	141
33	09 14 10.95	+40 06 14.1	7.4	512	28.2	0.37	019
34	09 14 11.23	+40 06 36.4	6.0	291	14.6	0.53	158
			NGC 3081				
1	09 59 23.17	−22 49 04.9	5.3	284	6.80	0.11	168
2	09 59 25.07	−22 49 47.4	0.6	15.1	3.32	0.67	093
3	09 59 25.42	−22 49 53.7	1.1	29.9	2.82	0.30	143
4	09 59 26.01	−22 50 17.7	1.0	23.8	2.85	0.50	116
5	09 59 26.30	−22 49 55.7	0.7	14.6	3.42	0.49	059
6	09 59 27.03	−22 49 47.4	3.7	173	4.72	0.45	122
7	09 59 27.36	−22 49 43.7	6.9	734	14.9	0.07	069
8	09 59 27.42	−22 49 48.7	0.9	44.9	4.61	0.49	081
9	09 59 27.44	−22 49 50.0	1.2	64.4	5.48	0.20	030
10	09 59 27.49	−22 49 37.7	1.0	35.3	5.23	0.38	156
11	09 59 27.58	−22 49 37.2	2.3	91.4	4.55	0.35	131
12	09 59 27.61	−22 49 33.5	3.4	157	5.33	0.15	174
13	09 59 27.66	−22 49 48.2	1.4	51.3	3.75	0.51	140
14	09 59 27.69	−22 49 38.4	0.8	23.5	5.07	0.23	099
15	09 59 27.71	−22 49 52.7	1.0	52.9	5.09	0.33	071
16	09 59 27.74	−22 49 51.2	0.8	46.6	5.78	0.37	116
17	09 59 27.98	−22 49 25.7	7.2	538	8.98	0.37	087
18	09 59 28.01	−22 49 56.1	4.2	233	5.65	0.29	129
19	09 59 28.02	−22 49 49.0	4.6	413	10.4	0.16	086
20	09 59 28.16	−22 49 19.9	0.7	16.4	2.76	0.54	073
21	09 59 28.26	−22 49 18.9	0.7	19.6	4.31	0.39	089
22	09 59 28.34	−22 49 59.4	3.5	264	7.96	0.13	071
23	09 59 28.51	−22 49 58.2	3.5	245	7.39	0.24	079
24	09 59 28.64	−22 49 14.5	4.9	248	5.33	0.18	067
25	09 59 28.73	−22 49 59.5	1.3	37.4	3.45	0.54	148
26	09 59 28.83	−22 49 16.5	2.5	97.0	4.39	0.21	020
27	09 59 29.36	−22 49 14.3	0.9	20.3	2.81	0.38	140
28	09 59 29.50	−22 49 56.2	0.8	22.4	3.78	0.58	156
29	09 59 29.81	−22 49 39.7	0.8	48.5	7.36	0.29	135
30	09 59 30.22	−22 49 11.2	1.0	34.3	3.65	0.49	091
31	09 59 30.41	−22 49 50.0	1.5	48.3	3.32	0.39	099
32	09 59 30.54	−22 49 53.2	0.6	10.5	3.84	0.58	049
33	09 59 30.65	−22 49 52.0	0.7	19.2	4.18	0.30	047
34	09 59 30.70	−22 49 53.1	0.7	18.0	3.77	0.38	064
35	09 59 30.87	−22 49 15.4	3.3	205	6.40	0.44	061
36	09 59 30.96	−22 49 47.7	0.7	12.7	2.47	0.35	136
37	09 59 31.03	−22 49 16.5	0.7	39.7	7.21	0.37	172
38	09 59 31.07	−22 49 36.2	0.7	20.6	3.26	0.31	003
39	09 59 31.14	−22 49 17.3	0.9	40.7	4.70	0.55	075
40	09 59 31.20	−22 49 35.1	2.8	157	6.57	0.06	169
41	09 59 31.23	−22 49 16.0	0.7	20.1	3.29	0.53	117
42	09 59 31.32	−22 49 19.5	0.6	16.6	3.54	0.51	040
43	09 59 31.40	−22 49 16.1	1.7	67.4	4.00	0.32	115
44	09 59 31.49	−22 49 46.2	0.8	24.6	3.68	0.27	006
45	09 59 31.65	−22 49 37.2	2.8	124	4.91	0.37	091
46	09 59 31.66	−22 49 26.7	0.7	22.9	4.26	0.31	094
47	09 59 31.72	−22 49 41.9	2.4	99.5	3.98	0.19	151
48	09 59 31.83	−22 49 20.2	3.7	218	6.16	0.21	118
49	09 59 31.86	−22 49 32.0	3.9	303	8.17	0.20	130
50	09 59 31.94	−22 49 22.7	1.5	60.6	5.06	0.18	133
51	09 59 31.99	−22 49 31.6	0.6	20.7	3.63	0.51	158
52	09 59 32.00	−22 49 28.0	1.7	86.6	4.85	0.04	162
53	09 59 32.05	−22 49 34.7	1.9	67.1	4.10	0.40	171
54	09 59 32.10	−22 49 23.6	1.4	51.2	3.70	0.37	157
55	09 59 32.21	−22 49 22.9	0.6	14.5	3.01	0.41	111
56	09 59 32.87	−22 48 49.3	0.6	12.2	2.83	0.58	007
57	09 59 33.20	−22 49 04.1	0.7	27.9	5.45	0.59	110
58	09 59 33.76	−22 49 16.2	0.6	20.8	5.57	0.47	025

TABLE 2—*Continued*

No.	α (J2000)	δ (J2000)	Area (arcsec)^2	Total DN	Peak DN	e	P.A. °
			NGC 4051				
1	12 02 59.04	+44 32 14.6	2.1	21.9	9.53	0.63	053
2	12 02 59.05	+44 32 14.7	2.8	30.3	9.53	0.51	051
3	12 02 59.68	+44 32 58.7	5.2	63.6	8.19	0.28	025
4	12 03 00.04	+44 32 17.6	8.1	119	11.1	0.56	068
5	12 03 00.83	+44 32 32.2	19.9	796	31.7	0.07	028
6	12 03 00.86	+44 32 50.6	3.9	45.5	9.50	0.38	067
7	12 03 01.35	+44 32 35.5	7.2	119	10.6	0.06	003
8	12 03 01.58	+44 32 40.8	16.9	601	24.9	0.40	014
9	12 03 01.58	+44 32 46.5	2.4	31.4	10.6	0.21	092
10	12 03 01.69	+44 32 00.9	60.7	12500	166	0.47	063
11	12 03 01.81	+44 33 02.4	7.1	77.1	7.64	0.12	031
12	12 03 01.85	+44 32 15.2	21.5	852	28.4	0.15	032
13	12 03 01.92	+44 31 52.0	23.9	3340	97.6	0.33	045
14	12 03 02.84	+44 32 11.6	3.7	48.0	10.7	0.09	140
15	12 03 02.92	+44 32 47.3	31.0	1220	29.6	0.55	029
16	12 03 03.08	+44 32 25.8	38.9	6130	115	0.10	173
17	12 03 03.15	+44 32 31.1	2.8	137	21.0	0.09	111
18	12 03 03.19	+44 31 48.6	6.7	92.1	9.52	0.41	064
19	12 03 03.61	+44 31 30.0	10.5	161	9.99	0.26	084
20	12 03 03.99	+44 31 13.9	10.7	199	13.9	0.19	100
21	12 03 04.00	+44 32 01.9	7.1	124	12.9	0.22	046
22	12 03 04.07	+44 32 37.9	8.3	220	17.4	0.66	051
23	12 03 04.50	+44 32 58.5	19.6	738	27.3	0.17	058
24	12 03 04.61	+44 32 50.4	4.5	56.1	9.75	0.19	001
25	12 03 04.66	+44 31 50.0	36.5	1360	20.1	0.52	025
26	12 03 04.69	+44 31 26.8	14.4	331	15.3	0.16	041
27	12 03 04.69	+44 31 00.9	9.8	162	17.2	0.33	065
28	12 03 04.86	+44 32 32.2	6.1	1140	68.7	0.53	028
29	12 03 04.95	+44 32 10.3	7.1	101	9.01	0.46	036
30	12 03 05.01	+44 32 56.0	5.1	120	13.1	0.23	171
31	12 03 05.40	+44 32 30.3	15.0	2500	83.3	0.24	055
32	12 03 05.64	+44 32 49.9	16.6	494	24.1	0.14	000
33	12 03 05.70	+44 31 43.3	9.5	214	11.8	0.29	164
34	12 03 05.77	+44 31 51.6	5.1	68.3	12.0	0.43	008
35	12 03 05.82	+44 31 35.7	4.0	63.8	10.4	0.59	042
36	12 03 06.09	+44 32 20.7	12.3	307	14.8	0.55	151
37	12 03 06.21	+44 32 32.1	11.1	1250	54.9	0.31	054
38	12 03 06.55	+44 33 08.7	41.6	2950	61.9	0.25	094
39	12 03 06.80	+44 32 32.8	21.8	777	19.1	0.59	018
40	12 03 07.12	+44 31 52.1	4.3	45.9	9.28	0.43	092
41	12 03 07.21	+44 31 20.8	6.3	112	14.3	0.36	007
42	12 03 07.28	+44 31 24.1	3.4	29.5	11.0	0.43	067
43	12 03 07.53	+44 31 46.3	19.3	454	25.8	0.05	162
44	12 03 07.67	+44 31 18.2	14.4	321	15.5	0.14	093
45	12 03 07.69	+44 32 40.7	14.4	247	10.6	0.28	134
46	12 03 07.70	+44 32 21.4	12.6	216	13.9	0.28	046
47	12 03 07.96	+44 31 35.6	19.8	634	20.1	0.56	051
48	12 03 08.41	+44 31 23.7	13.8	1180	35.5	0.42	131
49	12 03 08.64	+44 32 19.4	34.0	909	20.7	0.13	025
50	12 03 08.78	+44 33 49.8	33.5	1480	42.7	0.20	068
51	12 03 08.91	+44 31 04.2	10.1	218	18.1	0.23	019
52	12 03 09.06	+44 31 21.1	8.9	678	37.7	0.32	055
53	12 03 09.28	+44 33 43.6	25.4	594	16.4	0.39	019
54	12 03 09.47	+44 32 35.0	15.9	1480	45.5	0.38	053
55	12 03 09.50	+44 33 14.3	6.6	162	14.5	0.37	047
56	12 03 09.56	+44 33 19.4	7.7	186	14.1	0.24	025
57	12 03 09.75	+44 32 56.4	22.4	746	23.2	0.28	028
58	12 03 09.77	+44 32 10.1	12.6	268	12.9	0.25	055
59	12 03 10.05	+44 31 15.5	43.2	3160	66.8	0.28	021
60	12 03 10.36	+44 32 27.3	15.9	1160	33.9	0.41	036
61	12 03 10.50	+44 33 17.2	11.1	278	13.9	0.42	160
62	12 03 10.75	+44 31 09.4	16.2	568	21.3	0.21	045
63	12 03 10.91	+44 33 22.4	2.1	106	22.8	0.44	015
64	12 03 11.23	+44 32 50.9	35.9	1140	27.2	0.01	031
65	12 03 11.42	+44 30 25.2	13.5	269	14.0	0.28	175
66	12 03 11.42	+44 31 02.8	2.5	128	24.0	0.79	172
67	12 03 11.47	+44 32 26.6	9.6	185	12.4	0.19	081
68	12 03 11.59	+44 33 26.5	4.8	294	25.8	0.17	087
69	12 03 11.66	+44 30 59.8	10.7	762	32.0	0.16	038
70	12 03 11.97	+44 33 13.3	7.4	108	10.8	0.14	166
71	12 03 12.07	+44 31 30.1	15.3	346	16.4	0.35	168
72	12 03 12.21	+44 30 02.6	21.1	886	25.7	0.24	151
73	12 03 12.29	+44 33 22.8	9.8	296	14.5	0.10	087
74	12 03 12.56	+44 33 01.3	10.2	174	10.9	0.17	113
75	12 03 12.64	+44 33 33.7	12.6	216	12.1	0.34	020
76	12 03 12.70	+44 33 12.4	3.7	36.2	9.55	0.45	033
77	12 03 13.09	+44 32 18.3	28.7	610	19.2	0.36	129
78	12 03 13.14	+44 33 09.6	12.6	308	13.7	0.46	055
79	12 03 13.19	+44 32 47.4	3.6	30.5	8.46	0.47	039
80	12 03 13.30	+44 30 56.1	15.3	578	22.3	0.36	006
81	12 03 13.45	+44 33 14.4	33.5	1620	34.0	0.47	016
82	12 03 13.52	+44 31 18.4	23.3	5000	139	0.19	086
83	12 03 13.55	+44 31 02.9	24.6	4080	112	0.20	001
84	12 03 13.75	+44 32 45.9	6.9	175	12.8	0.27	012
85	12 03 14.08	+44 32 04.7	19.8	928	29.3	0.10	042
86	12 03 14.18	+44 32 42.1	8.6	201	13.7	0.31	067
87	12 03 14.32	+44 31 19.4	17.1	787	30.3	0.02	122
88	12 03 14.35	+44 30 42.8	11.3	178	10.7	0.18	150
89	12 03 14.86	+44 31 25.9	8.6	149	15.7	0.17	125
90	12 03 15.10	+44 30 59.4	10.1	243	13.2	0.24	174
91	12 03 15.35	+44 33 03.9	7.0	92.0	8.22	0.46	102
92	12 03 15.35	+44 30 40.5	11.4	195	9.87	0.15	137
93	12 03 15.41	+44 32 02.9	4.8	54.3	9.67	0.22	065
94	12 03 15.42	+44 31 34.1	34.1	1750	33.6	0.31	017
95	12 03 15.47	+44 31 45.4	35.6	5330	100	0.29	037

TABLE 2—*Continued*

No.	α (J2000)	δ (J2000)	Area (arcsec)^2	Total DN	Peak DN	e	P.A. °
96	12 03 15.53	+44 31 07.7	16.2	514	23.3	0.34	169
97	12 03 15.61	+44 31 21.4	17.2	656	22.6	0.09	014
98	12 03 16.12	+44 31 46.5	8.6	621	29.9	0.27	125
99	12 03 16.14	+44 32 25.6	7.5	108	9.25	0.21	005
100	12 03 16.18	+44 32 17.8	9.8	217	14.0	0.59	167
101	12 03 16.36	+44 31 11.2	9.2	143	8.96	0.26	152
102	12 03 16.49	+44 33 08.5	4.2	40.1	8.35	0.41	012
103	12 03 16.62	+44 31 51.5	10.4	333	16.0	0.37	003
104	12 03 16.69	+44 32 30.7	3.7	32.1	8.57	0.41	047
105	12 03 16.80	+44 30 58.4	6.6	90.4	10.1	0.55	098
106	12 03 16.83	+44 31 56.8	21.9	826	19.6	0.67	087
107	12 03 16.91	+44 31 35.7	40.1	4690	107	0.05	053
108	12 03 17.09	+44 32 53.6	10.8	191	11.0	0.20	029
109	12 03 17.32	+44 32 38.9	12.6	240	16.5	0.17	008
110	12 03 17.50	+44 33 00.1	8.4	145	13.8	0.48	062
111	12 03 17.59	+44 31 27.3	42.9	3520	89.0	0.33	124
112	12 03 18.08	+44 32 59.7	6.0	86.6	10.1	0.41	116
113	12 03 18.10	+44 31 36.4	11.9	315	19.3	0.14	011
114	12 03 18.13	+44 32 33.9	7.0	184	18.9	0.18	049
115	12 03 18.14	+44 31 52.5	8.3	112	7.77	0.71	136
116	12 03 18.18	+44 32 28.1	4.5	81.4	11.4	0.21	155
117	12 03 18.80	+44 32 42.0	17.2	338	11.9	0.06	081
118	12 03 18.92	+44 32 04.4	25.1	1110	29.6	0.40	139
119	12 03 19.04	+44 32 35.9	8.7	129	9.29	0.44	051
120	12 03 19.22	+44 32 17.0	23.9	883	20.8	0.22	010
121	12 03 19.94	+44 32 23.4	29.3	958	29.3	0.18	066
122	12 03 21.69	+44 32 13.0	9.2	158	12.1	0.07	115
123	12 03 21.87	+44 31 30.9	5.5	55.6	7.82	0.27	012
			NGC 4593				
1	12 39 32.51	−05 20 32.2	6.2	223	20.1	0.50	071
2	12 39 32.65	−05 20 55.7	4.3	224	88.6	0.63	044
3	12 39 34.60	−05 20 38.3	4.0	117	24.7	0.48	111
4	12 39 34.80	−05 20 42.3	4.0	161	30.0	0.45	082
5	12 39 34.82	−05 21 20.9	5.6	215	26.9	0.28	072
6	12 39 34.97	−05 20 49.3	8.0	816	49.0	0.52	093
7	12 39 35.07	−05 21 08.1	4.0	101	17.6	0.36	048
8	12 39 35.14	−05 20 36.1	4.3	165	30.7	0.14	043
9	12 39 35.15	−05 21 14.8	3.7	96.7	18.8	0.38	110
10	12 39 35.19	−05 20 40.1	5.0	179	20.3	0.38	028
11	12 39 35.21	−05 20 53.3	4.7	149	20.4	0.50	022
12	12 39 35.40	−05 21 28.7	10.9	580	44.0	0.06	073
13	12 39 35.62	−05 20 27.8	23.6	1820	78.8	0.30	057
14	12 39 35.91	−05 21 02.8	7.2	1480	108	0.40	050
15	12 39 35.95	−05 20 49.9	3.7	67.1	11.2	0.48	172
16	12 39 36.00	−05 20 18.7	18.9	1390	69.1	0.31	151
17	12 39 36.15	−05 20 44.7	6.5	518	44.0	0.10	021
18	12 39 36.17	−05 21 05.3	3.7	250	29.2	0.49	076
19	12 39 36.27	−05 21 40.5	4.0	101	19.0	0.64	114
20	12 39 36.30	−05 20 57.9	3.7	105	21.2	0.58	078
21	12 39 36.39	−05 21 36.1	10.3	346	22.0	0.30	108
22	12 39 36.45	−05 21 07.3	3.7	153	30.2	0.33	020
23	12 39 36.59	−05 20 09.0	3.4	95.8	26.3	0.35	012
24	12 39 37.00	−05 21 03.9	9.3	453	28.3	0.57	106
25	12 39 37.07	−05 20 05.2	12.4	664	58.2	0.29	135
26	12 39 37.22	−05 21 10.7	4.7	150	17.8	0.31	057
27	12 39 37.27	−05 20 13.8	3.4	96.0	22.3	0.22	163
28	12 39 37.30	−05 21 38.7	19.5	1540	112	0.36	103
29	12 39 37.50	−05 21 07.1	7.4	282	19.0	0.51	122
30	12 39 37.57	−05 20 54.5	4.7	145	28.9	0.30	098
31	12 39 37.65	−05 19 43.7	4.0	190	28.5	0.34	104
32	12 39 37.82	−05 21 38.5	7.1	314	38.4	0.61	053
33	12 39 38.14	−05 21 36.0	9.6	787	83.1	0.31	097
34	12 39 38.15	−05 20 54.6	5.3	191	27.1	0.60	129
35	12 39 38.59	−05 20 05.7	3.7	103	24.7	0.28	060
36	12 39 38.62	−05 21 35.6	7.4	222	17.1	0.57	099
37	12 39 38.78	−05 21 51.2	4.4	139	16.6	0.07	062
38	12 39 39.05	−05 21 11.1	7.8	475	46.4	0.28	079
39	12 39 39.26	−05 21 09.1	5.6	499	67.3	0.20	072
40	12 39 39.41	−05 21 21.5	13.6	1280	96.8	0.23	139
41	12 39 39.58	−05 19 59.9	4.0	96.7	15.6	0.55	105
42	12 39 39.72	−05 20 04.8	3.4	97.6	23.4	0.42	052
43	12 39 39.76	−05 21 20.6	5.3	187	35.1	0.65	090
44	12 39 40.35	−05 20 09.7	5.0	194	25.9	0.38	033
45	12 39 40.41	−05 21 04.1	4.4	123	23.5	0.61	079
46	12 39 40.49	−05 21 14.4	5.9	240	23.3	0.43	096
47	12 39 40.69	−05 21 11.2	7.1	433	39.5	0.34	037
48	12 39 41.23	−05 20 04.9	9.6	453	28.1	0.60	156
49	12 39 41.37	−05 20 12.4	3.4	356	50.4	0.23	098
50	12 39 41.45	−05 21 08.0	6.8	321	33.6	0.23	049
51	12 39 41.61	−05 20 11.0	5.0	740	89.6	0.32	035
52	12 39 41.85	−05 21 04.0	5.9	290	31.6	0.43	132
53	12 39 41.90	−05 20 11.0	4.0	210	28.2	0.46	149
54	12 39 41.96	−05 20 38.5	6.8	216	20.1	0.40	033
55	12 39 42.08	−05 21 01.8	7.4	409	31.9	0.22	012
56	12 39 42.25	−05 20 10.2	4.3	433	51.1	0.46	077
57	12 39 42.52	−05 20 36.2	9.6	588	58.3	0.53	066
58	12 39 42.53	−05 20 52.9	4.0	179	34.6	0.21	101
59	12 39 42.55	−05 20 03.6	4.0	107	17.9	0.45	107
60	12 39 42.63	−05 20 26.1	5.0	179	26.7	0.32	171
61	12 39 42.81	−05 20 12.8	7.1	290	37.2	0.37	082
62	12 39 42.99	−05 20 06.2	8.7	516	39.0	0.64	070
63	12 39 43.23	−05 20 37.9	3.4	80.6	24.3	0.38	005
64	12 39 43.34	−05 20 18.8	4.7	160	26.1	0.50	061
65	12 39 43.80	−05 20 24.2	7.4	308	28.0	0.36	090
66	12 39 44.02	−05 20 27.4	4.7	128	18.8	0.45	097
67	12 39 44.11	−05 20 45.4	7.8	398	30.1	0.54	157

TABLE 2—*Continued*

No.	α (J2000)	δ (J2000)	Area (arcsec)^2	Total DN	Peak DN	e	P.A. °
68	12 39 44.24	−05 20 18.4	5.0	264	33.7	0.41	079
69	12 39 44.44	−05 20 47.3	8.1	383	20.3	0.27	071
70	12 39 44.63	−05 20 34.5	10.2	551	28.7	0.54	068
71	12 39 45.20	−05 20 37.8	4.4	151	24.6	0.57	059
			NGC 4639				
1	12 42 46.74	+13 16 00.6	3.3	453	39.6	0.12	076
2	12 42 46.83	+13 15 47.9	2.4	208	27.6	0.33	066
3	12 42 47.02	+13 15 54.5	4.4	1190	69.7	0.25	050
4	12 42 47.19	+13 15 53.6	1.7	309	50.8	0.52	170
5	12 42 47.36	+13 15 29.0	2.0	119	23.1	0.26	055
6	12 42 47.56	+13 15 34.3	4.4	1010	81.8	0.13	133
7	12 42 47.58	+13 15 43.3	3.9	609	61.1	0.37	065
8	12 42 47.58	+13 16 18.4	2.5	215	25.2	0.55	063
9	12 42 47.68	+13 15 54.1	9.1	3440	113	0.10	172
10	12 42 47.72	+13 16 15.2	2.1	183	29.9	0.39	151
11	12 42 47.79	+13 15 31.2	2.1	165	21.3	0.57	170
12	12 42 47.81	+13 16 10.7	1.7	300	47.1	0.37	061
13	12 42 48.02	+13 16 01.3	1.3	67.1	23.4	0.62	031
14	12 42 48.32	+13 16 02.2	1.8	204	38.1	0.47	059
15	12 42 48.32	+13 16 02.2	1.5	187	38.1	0.51	060
16	12 42 48.50	+13 15 17.5	5.7	1490	62.8	0.34	016
17	12 42 48.64	+13 16 03.3	17.5	9310	285	0.07	176
18	12 42 48.68	+13 15 08.7	1.4	86.4	30.2	0.20	083
19	12 42 48.77	+13 15 09.9	1.7	137	27.6	0.65	049
20	12 42 49.09	+13 16 16.4	2.8	301	31.7	0.32	162
21	12 42 49.09	+13 15 01.9	14.0	7280	251	0.23	039
22	12 42 49.10	+13 16 02.7	5.1	903	53.0	0.27	151
23	12 42 49.11	+13 16 07.4	4.6	3160	170	0.06	051
24	12 42 49.16	+13 16 10.0	2.6	1250	82.2	0.39	085
25	12 42 49.32	+13 16 02.4	1.3	80.2	23.2	0.63	072
26	12 42 49.36	+13 16 39.2	4.4	704	42.1	0.26	083
27	12 42 49.56	+13 15 39.1	4.6	1010	66.2	0.26	177
28	12 42 49.60	+13 14 58.8	5.1	1700	97.3	0.40	159
29	12 42 49.72	+13 15 51.7	1.9	131	23.0	0.50	009
30	12 42 49.79	+13 15 42.3	3.4	1300	89.5	0.24	067
31	12 42 49.82	+13 14 56.5	2.5	255	36.0	0.14	029
32	12 42 49.83	+13 15 57.8	2.1	198	31.2	0.55	125
33	12 42 49.83	+13 15 36.3	2.7	378	42.6	0.33	090
34	12 42 49.92	+13 16 11.3	1.9	112	21.9	0.31	113
35	12 42 49.96	+13 16 02.6	1.7	110	26.3	0.40	162
36	12 42 50.00	+13 15 28.3	1.4	67.0	28.2	0.15	153
37	12 42 50.04	+13 15 46.3	1.7	101	28.1	0.29	144
38	12 42 50.14	+13 15 40.2	2.2	221	31.5	0.10	073
39	12 42 50.15	+13 16 10.2	1.4	71.0	27.0	0.38	057
40	12 42 50.16	+13 16 11.9	1.4	100	25.6	0.45	053
41	12 42 50.17	+13 16 01.5	1.4	92.5	26.6	0.64	153
42	12 42 50.18	+13 15 29.6	1.5	103	27.4	0.40	098
43	12 42 50.20	+13 16 18.6	10.6	4960	237	0.16	047
44	12 42 50.26	+13 15 46.5	1.5	77.4	20.2	0.23	148
45	12 42 50.32	+13 15 49.1	4.4	1120	86.3	0.13	056
46	12 42 50.37	+13 15 29.5	1.5	83.6	19.1	0.62	094
47	12 42 50.42	+13 15 59.4	6.8	1360	77.3	0.27	129
48	12 42 50.51	+13 15 19.6	5.7	650	32.8	0.26	020
49	12 42 50.56	+13 16 12.6	1.4	193	28.0	0.23	157
50	12 42 50.62	+13 15 16.7	1.7	82.3	20.9	0.68	144
51	12 42 50.64	+13 15 47.9	2.1	395	44.2	0.56	032
52	12 42 50.65	+13 15 11.9	1.9	113	20.2	0.27	013
53	12 42 50.69	+13 15 15.7	1.4	69.3	25.1	0.54	132
54	12 42 50.72	+13 14 52.0	3.3	657	43.0	0.38	108
55	12 42 50.84	+13 15 25.1	3.1	441	39.0	0.18	002
56	12 42 50.87	+13 16 11.8	1.7	162	29.0	0.26	161
57	12 42 50.92	+13 15 35.4	2.7	676	49.6	0.41	101
58	12 42 50.98	+13 16 54.7	7.6	1330	52.2	0.29	119
59	12 42 51.03	+13 14 59.6	1.9	234	41.7	0.21	153
60	12 42 51.05	+13 15 40.3	8.2	3800	143	0.38	130
61	12 42 51.06	+13 15 47.0	1.7	529	60.8	0.44	049
62	12 42 51.08	+13 15 59.3	1.3	65.6	28.8	0.36	168
63	12 42 51.09	+13 14 50.6	1.3	86.1	23.3	0.55	162
64	12 42 51.18	+13 14 39.0	1.4	71.2	27.1	0.12	125
65	12 42 51.18	+13 16 37.8	3.0	409	41.3	0.20	042
66	12 42 51.22	+13 15 09.5	23.6	19500	291	0.10	151
67	12 42 51.24	+13 15 45.0	6.3	4150	245	0.13	082
68	12 42 51.24	+13 16 20.1	4.3	582	37.7	0.17	094
69	12 42 51.25	+13 16 24.9	1.6	79.2	28.0	0.41	034
70	12 42 51.34	+13 15 52.1	2.5	196	32.3	0.63	108
71	12 42 51.35	+13 15 59.6	2.4	273	31.5	0.04	169
72	12 42 51.35	+13 15 38.0	5.6	691	35.8	0.24	129
73	12 42 51.37	+13 15 27.6	8.3	2850	160	0.21	072
74	12 42 51.42	+13 16 26.1	5.8	824	45.3	0.20	000
75	12 42 51.42	+13 16 26.1	6.1	853	45.3	0.16	004
76	12 42 51.52	+13 16 20.5	4.9	761	42.9	0.14	077
77	12 42 51.60	+13 15 05.1	3.1	1280	98.2	0.28	105
78	12 42 51.60	+13 15 07.1	1.4	364	56.2	0.30	134
79	12 42 51.62	+13 15 21.3	3.5	373	25.7	0.38	075
80	12 42 51.67	+13 15 49.4	19.5	23800	482	0.06	052
81	12 42 51.67	+13 14 32.5	2.5	183	20.9	0.48	120
82	12 42 51.72	+13 15 16.6	1.6	301	45.3	0.42	083
83	12 42 51.75	+13 16 00.2	12.8	10300	302	0.49	064
84	12 42 51.77	+13 14 52.1	11.6	4210	80.5	0.17	140
85	12 42 51.77	+13 15 02.2	1.5	386	56.6	0.18	169
86	12 42 51.77	+13 15 02.2	2.4	496	56.6	0.13	019
87	12 42 51.90	+13 15 10.8	4.4	790	53.7	0.61	055
88	12 42 52.02	+13 15 48.2	1.8	151	28.7	0.49	075
89	12 42 52.03	+13 16 15.5	3.4	343	21.2	0.20	113
90	12 42 52.06	+13 15 53.4	10.5	13400	488	0.03	156
91	12 42 52.07	+13 15 59.1	2.7	645	48.8	0.11	128

TABLE 2—*Continued*

No.	α (J2000)	δ (J2000)	Area (arcsec)^2	Total DN	Peak DN	e	P.A. °	No.	α (J2000)	δ (J2000)	Area (arcsec)^2	Total DN	Peak DN	e	P.A. °
92	12 42 52.11	+13 14 40.3	4.6	608	30.4	0.16	043	141	12 42 53.73	+13 15 47.8	3.5	1450	80.5	0.10	082
93	12 42 52.12	+13 14 50.1	2.4	354	38.5	0.23	022	142	12 42 53.79	+13 14 49.2	1.5	109	24.5	0.35	081
94	12 42 52.24	+13 15 48.2	2.4	685	77.3	0.20	084	143	12 42 53.83	+13 16 02.5	1.7	140	33.6	0.40	037
95	12 42 52.25	+13 15 58.7	4.6	1880	118	0.27	027	144	12 42 53.88	+13 15 43.3	1.8	799	89.1	0.51	064
96	12 42 52.26	+13 15 03.2	4.1	2210	110	0.38	048	145	12 42 53.97	+13 15 29.4	1.4	81.9	28.0	0.49	051
97	12 42 52.27	+13 15 00.3	3.9	3270	225	0.11	134	146	12 42 53.97	+13 15 29.4	1.8	110	28.0	0.45	053
98	12 42 52.28	+13 14 56.5	1.3	366	64.1	0.07	142	147	12 42 54.06	+13 14 53.1	2.1	224	28.1	0.17	126
99	12 42 52.33	+13 15 51.2	2.8	848	67.1	0.43	089	148	12 42 54.06	+13 15 15.5	6.1	2200	92.9	0.44	047
100	12 42 52.34	+13 14 58.1	1.4	447	59.8	0.31	135	149	12 42 54.09	+13 15 35.4	1.3	235	41.6	0.17	072
101	12 42 52.47	+13 14 50.2	1.8	299	44.3	0.28	068	150	12 42 54.12	+13 15 05.6	12.8	15400	520	0.15	024
102	12 42 52.51	+13 16 25.6	6.7	1850	105	0.26	090	151	12 42 54.14	+13 15 57.9	5.4	879	40.2	0.24	077
103	12 42 52.52	+13 15 54.2	2.5	382	43.1	0.28	074	152	12 42 54.14	+13 15 44.8	3.1	380	29.7	0.26	079
104	12 42 52.59	+13 14 57.8	3.0	440	45.9	0.50	102	153	12 42 54.17	+13 14 49.1	4.3	640	42.0	0.48	079
105	12 42 52.61	+13 15 05.1	1.4	252	47.2	0.36	109	154	12 42 54.19	+13 14 33.4	9.1	2050	77.7	0.19	104
106	12 42 52.66	+13 14 47.3	1.9	631	77.0	0.27	122	155	12 42 54.28	+13 14 51.1	1.5	144	34.0	0.47	073
107	12 42 52.72	+13 16 04.3	9.2	3930	163	0.19	070	156	12 42 54.31	+13 15 20.3	7.5	2590	111	0.36	104
108	12 42 52.72	+13 15 51.9	2.4	474	52.5	0.30	122	157	12 42 54.32	+13 15 08.4	1.4	127	28.7	0.29	156
109	12 42 52.73	+13 14 50.2	11.8	15700	515	0.34	159	158	12 42 54.43	+13 15 16.7	4.0	1370	86.1	0.34	041
110	12 42 52.81	+13 15 01.7	4.5	3300	150	0.14	099	159	12 42 54.47	+13 15 01.8	5.4	2470	136	0.11	148
111	12 42 52.81	+13 14 42.2	1.8	177	32.5	0.21	013	160	12 42 54.47	+13 15 01.8	6.7	2670	136	0.06	170
112	12 42 52.83	+13 14 57.1	7.7	3060	141	0.41	043	161	12 42 54.59	+13 15 29.6	8.2	3070	156	0.04	082
113	12 42 52.83	+13 14 57.1	5.7	2810	141	0.42	043	162	12 42 54.68	+13 16 01.8	2.6	193	26.0	0.52	165
114	12 42 52.86	+13 14 37.2	1.6	105	26.6	0.16	082	163	12 42 54.68	+13 14 40.0	1.9	150	29.2	0.64	156
115	12 42 52.86	+13 14 46.3	4.5	2790	146	0.21	067	164	12 42 54.68	+13 16 01.8	1.8	129	26.0	0.50	159
116	12 42 52.87	+13 15 04.8	2.2	787	68.6	0.34	073	165	12 42 54.72	+13 14 44.8	1.9	1020	99.3	0.29	084
117	12 42 52.97	+13 15 53.1	1.9	813	73.3	0.33	116	166	12 42 54.73	+13 15 11.5	1.4	109	34.7	0.46	034
118	12 42 52.98	+13 15 00.2	3.4	2030	116	0.25	007	167	12 42 54.74	+13 15 02.2	3.7	576	56.6	0.24	025
119	12 42 52.98	+13 15 50.9	2.2	1000	90.7	0.47	057	168	12 42 54.76	+13 15 23.1	8.0	1870	80.7	0.26	074
120	12 42 52.99	+13 16 03.3	4.3	679	53.9	0.30	056	169	12 42 54.86	+13 15 07.6	3.1	352	34.4	0.42	054
121	12 42 52.99	+13 16 03.2	3.7	643	53.9	0.22	047	170	12 42 54.93	+13 14 46.0	5.8	3780	137	0.39	132
122	12 42 53.08	+13 15 47.8	4.1	1680	95.3	0.45	070	171	12 42 54.94	+13 14 50.5	2.4	630	54.8	0.09	143
123	12 42 53.08	+13 15 05.0	5.6	3630	228	0.28	039	172	12 42 55.06	+13 14 40.3	14.1	4430	144	0.10	054
124	12 42 53.24	+13 15 32.4	2.0	189	26.2	0.60	030	173	12 42 55.25	+13 16 36.2	9.5	1500	42.9	0.41	082
125	12 42 53.25	+13 14 27.5	4.0	1030	63.8	0.55	162	174	12 42 55.27	+13 14 44.3	2.2	269	39.3	0.18	061
126	12 42 53.25	+13 15 02.6	1.4	250	39.6	0.42	051	175	12 42 55.27	+13 14 44.3	2.0	251	39.3	0.16	058
127	12 42 53.35	+13 14 46.5	3.2	1220	85.6	0.26	169	176	12 42 55.67	+13 15 31.8	9.7	1990	71.4	0.07	036
128	12 42 53.38	+13 14 58.9	4.1	774	50.7	0.50	041	177	12 42 55.89	+13 15 44.0	6.1	910	57.3	0.38	057
129	12 42 53.38	+13 14 58.9	2.6	592	50.7	0.45	041	178	12 42 56.25	+13 14 53.7	7.5	1750	91.7	0.14	057
130	12 42 53.48	+13 15 37.1	5.4	913	53.1	0.44	166	179	12 42 56.26	+13 14 49.4	4.9	557	29.4	0.18	168
131	12 42 53.48	+13 15 59.9	2.1	132	29.3	0.19	018	180	12 42 56.26	+13 14 49.3	4.2	503	29.4	0.18	165
132	12 42 53.53	+13 15 23.9	5.4	1470	88.4	0.60	074	181	12 42 56.30	+13 15 24.8	2.3	194	25.7	0.39	034
133	12 42 53.53	+13 14 51.5	8.5	4320	105	0.12	128	182	12 42 56.32	+13 14 34.0	12.3	4710	166	0.17	068
134	12 42 53.53	+13 14 34.1	1.6	145	26.9	0.11	088	183	12 42 56.35	+13 15 15.6	5.1	655	38.0	0.35	048
135	12 42 53.60	+13 15 03.4	1.9	474	63.5	0.72	048	184	12 42 56.37	+13 15 32.5	5.0	721	36.6	0.28	128
136	12 42 53.63	+13 15 33.8	2.5	422	52.6	0.11	079	185	12 42 56.53	+13 15 29.9	1.8	124	24.8	0.52	101
137	12 42 53.63	+13 15 33.8	2.6	430	52.6	0.13	079	186	12 42 56.64	+13 15 16.8	3.3	460	44.2	0.30	118
138	12 42 53.66	+13 15 11.9	5.9	2370	138	0.42	067	187	12 42 56.65	+13 14 55.0	11.8	2760	82.2	0.19	055
139	12 42 53.68	+13 15 08.5	2.1	430	50.2	0.27	177	188	12 42 57.00	+13 15 26.9	2.6	265	28.1	0.33	167
140	12 42 53.72	+13 15 44.8	3.9	2170	127	0.10	084	189	12 42 57.03	+13 15 06.4	3.2	453	39.3	0.05	113

TABLE 2—*Continued*

No.	α (J2000)	δ (J2000)	Area (arcsec)^2	Total DN	Peak DN	e	P.A. °
190	12 42 57.11	+13 14 49.6	5.3	751	48.2	0.35	007
			NGC 4939				
1	13 04 18.62	−10 18 29.0	4.7	1240	31.1	0.13	055
2	13 04 18.08	−10 18 31.7	0.8	141	19.7	0.65	018
3	13 04 18.02	−10 18 31.6	0.8	125	19.1	0.51	014
4	13 04 17.76	−10 18 00.8	0.5	73.7	18.8	0.61	161
5	13 04 17.77	−10 17 56.1	1.8	452	22.5	0.23	002
6	13 04 17.80	−10 20 10.8	4.4	1470	36.0	0.12	091
7	13 04 17.65	−10 20 43.7	0.3	22.7	15.1	0.33	012
8	13 04 17.57	−10 19 12.1	0.8	138	16.6	0.28	009
9	13 04 17.56	−10 19 01.7	1.1	206	19.0	0.20	031
10	13 04 17.50	−10 18 42.1	0.5	70.2	14.6	0.45	120
11	13 04 17.50	−10 19 22.2	7.1	1940	32.0	0.77	175
12	13 04 17.36	−10 18 40.4	0.5	57.2	18.0	0.69	120
13	13 04 17.39	−10 18 38.5	2.3	542	26.5	0.01	078
14	13 04 17.19	−10 18 32.1	3.0	862	36.1	0.01	072
15	13 04 17.24	−10 20 22.0	4.7	1450	37.4	0.18	033
16	13 04 17.16	−10 21 24.4	1.8	411	23.0	0.31	091
17	13 04 16.97	−10 21 06.3	0.3	18.8	13.5	0.63	175
18	13 04 16.76	−10 18 39.2	0.8	154	19.4	0.60	148
19	13 04 16.70	−10 18 51.1	1.6	335	21.9	0.11	034
20	13 04 16.73	−10 20 10.3	2.7	771	31.8	0.17	032
21	13 04 16.61	−10 18 29.3	0.5	76.1	18.8	0.09	167
22	13 04 16.68	−10 20 20.6	1.6	354	22.9	0.24	068
23	13 04 16.58	−10 21 12.3	0.4	31.3	15.2	0.66	023
24	13 04 16.58	−10 19 39.7	1.8	384	21.4	0.45	053
25	13 04 16.57	−10 19 51.7	0.8	160	20.4	0.18	117
26	13 04 16.57	−10 19 59.5	2.9	779	35.8	0.06	139
27	13 04 16.53	−10 20 15.0	0.2	34.2	38.9	0.43	071
28	13 04 16.50	−10 20 08.8	3.8	1010	32.2	0.35	174
29	13 04 16.62	−10 21 20.6	13.6	11000	197	0.40	043
30	13 04 16.24	−10 23 16.2	0.5	70.1	20.0	0.77	119
31	13 04 16.24	−10 21 33.5	5.6	2920	73.5	0.04	047
32	13 04 16.06	−10 19 22.1	0.4	29.7	15.4	0.41	136
33	13 04 15.96	−10 17 32.6	1.9	412	23.1	0.10	086
34	13 04 15.97	−10 20 33.1	4.3	1540	47.9	0.18	011
35	13 04 15.92	−10 19 23.4	5.8	1760	34.6	0.28	009
36	13 04 15.84	−10 18 31.6	2.7	678	29.0	0.29	069
37	13 04 15.93	−10 21 26.3	3.0	799	26.4	0.30	056
38	13 04 15.84	−10 20 18.9	2.9	786	32.9	0.33	084
39	13 04 15.77	−10 20 02.5	0.6	127	29.1	0.64	065
40	13 04 15.75	−10 20 13.9	1.0	195	22.3	0.37	055
41	13 04 15.82	−10 20 48.4	7.3	2220	39.2	0.27	134
42	13 04 15.73	−10 21 29.1	0.4	45.9	19.7	0.58	146
43	13 04 15.77	−10 21 52.6	1.7	318	19.9	0.29	109
44	13 04 15.56	−10 20 07.9	1.0	187	17.4	0.35	130
45	13 04 15.52	−10 20 36.4	0.9	152	17.2	0.67	177
46	13 04 15.53	−10 21 33.7	0.5	82.3	17.6	0.15	085
47	13 04 15.44	−10 20 47.2	0.3	39.1	25.4	0.41	111
48	13 04 15.37	−10 19 24.6	0.3	21.7	18.7	0.47	175
49	13 04 15.44	−10 19 56.9	2.2	559	25.2	0.34	084
50	13 04 15.35	−10 18 59.5	0.4	52.1	20.5	0.33	030
51	13 04 15.32	−10 19 24.7	0.3	24.6	18.9	0.05	123
52	13 04 15.38	−10 20 18.4	1.1	208	20.5	0.67	139
53	13 04 15.32	−10 20 13.5	0.5	95.6	19.9	0.59	004
54	13 04 15.34	−10 20 40.4	0.7	96.0	17.6	0.33	177
55	13 04 15.39	−10 21 25.8	3.7	1390	48.4	0.18	090
56	13 04 15.27	−10 20 32.1	0.4	59.7	22.1	0.30	127
57	13 04 15.25	−10 20 17.1	2.5	704	37.0	0.25	058
58	13 04 15.22	−10 20 24.6	0.4	34.3	14.8	0.36	095
59	13 04 15.23	−10 21 32.1	0.4	67.0	23.4	0.48	156
60	13 04 15.26	−10 19 52.1	5.8	1820	47.5	0.28	079
61	13 04 15.22	−10 21 05.0	0.6	102	22.4	0.71	067
62	13 04 15.15	−10 20 26.6	0.5	64.9	19.6	0.27	155
63	13 04 15.14	−10 20 43.7	0.6	89.8	18.7	0.20	073
64	13 04 15.07	−10 19 46.3	3.3	1080	47.1	0.25	131
65	13 04 15.02	−10 20 21.1	0.4	32.8	15.0	0.32	154
66	13 04 14.98	−10 21 32.3	0.8	149	21.4	0.50	009
67	13 04 15.08	−10 18 27.4	13.9	5840	68.0	0.50	106
68	13 04 14.95	−10 20 44.5	0.6	97.5	19.3	0.31	178
69	13 04 14.99	−10 23 07.6	0.3	24.9	17.9	0.61	171
70	13 04 14.90	−10 19 45.9	1.1	202	19.9	0.52	051
71	13 04 14.85	−10 20 12.1	0.7	145	22.3	0.60	023
72	13 04 14.85	−10 20 55.2	0.4	38.5	15.8	0.62	115
73	13 04 14.84	−10 21 29.7	0.6	95.1	16.3	0.79	173
74	13 04 14.80	−10 20 09.9	4.3	1150	61.4	0.24	034
75	13 04 14.80	−10 18 37.9	7.2	2540	48.9	0.15	074
76	13 04 14.87	−10 22 30.1	8.4	3780	68.0	0.12	072
77	13 04 14.69	−10 20 03.5	0.5	78.5	17.5	0.34	166
78	13 04 14.65	−10 20 39.1	0.4	43.1	15.4	0.51	158
79	13 04 14.70	−10 20 49.2	2.1	473	21.7	0.63	040
80	13 04 14.61	−10 19 18.0	0.7	107	17.9	0.45	120
81	13 04 14.71	−10 21 22.4	3.7	867	25.6	0.49	153
82	13 04 14.66	−10 19 43.7	8.2	3510	63.9	0.28	115
83	13 04 14.38	−10 19 41.2	4.7	1810	43.7	0.10	080
84	13 04 14.35	−10 20 59.8	3.5	842	36.6	0.43	111
85	13 04 14.18	−10 19 15.9	3.2	762	26.8	0.39	152
86	13 04 14.17	−10 20 50.7	0.6	109	19.1	0.46	107
87	13 04 14.29	−10 21 31.2	10.3	3100	35.5	0.75	099
88	13 04 14.07	−10 20 51.4	2.5	658	25.6	0.08	088
89	13 04 13.99	−10 19 36.9	1.6	405	23.4	0.11	023
90	13 04 13.89	−10 19 29.7	0.4	37.3	16.8	0.57	028
91	13 04 13.97	−10 19 41.2	4.6	1660	45.9	0.17	082
92	13 04 13.81	−10 21 06.2	0.5	84.7	17.5	0.62	107
93	13 04 13.84	−10 21 27.6	4.3	1120	23.7	0.26	061
94	13 04 13.84	−10 20 54.8	4.5	1410	42.6	0.28	136

TABLE 2—*Continued*

No.	α (J2000)	δ (J2000)	Area (arcsec)^2	Total DN	Peak DN	e	P.A. °	No.	α (J2000)	δ (J2000)	Area (arcsec)^2	Total DN	Peak DN	e	P.A. °
95	13 04 13.76	−10 22 01.1	1.5	294	19.4	0.40	009	144	13 04 10.29	−10 21 13.3	1.0	191	18.8	0.42	148
96	13 04 13.58	−10 19 42.9	0.6	102	20.7	0.41	123	145	13 04 10.21	−10 18 49.0	0.9	166	19.6	0.39	039
97	13 04 13.57	−10 20 56.7	0.8	153	18.7	0.39	171	146	13 04 10.24	−10 21 21.1	2.5	718	33.5	0.32	077
98	13 04 13.52	−10 19 23.1	0.5	83.5	18.3	0.40	029	147	13 04 10.16	−10 21 04.7	0.3	23.1	16.5	0.70	016
99	13 04 13.52	−10 19 58.3	0.3	26.6	19.7	0.59	025	148	13 04 10.14	−10 20 47.4	0.4	52.2	17.7	0.53	058
100	13 04 13.61	−10 23 22.0	0.8	131	17.3	0.48	066	149	13 04 10.10	−10 20 57.2	8.0	4100	80.0	0.17	128
101	13 04 13.48	−10 19 19.4	3.0	706	29.0	0.49	157	150	13 04 08.58	−10 21 01.4	2.9	678	27.0	0.41	167
102	13 04 13.43	−10 19 44.4	1.3	315	25.9	0.21	148	151	13 04 18.30	−10 20 55.8	4.2	914	25.4	0.33	057
103	13 04 13.39	−10 20 22.3	2.7	667	25.7	0.52	179	152	13 04 17.79	−10 20 59.6	1.9	377	19.6	0.58	020
104	13 04 13.33	−10 19 56.2	0.4	62.0	18.8	0.40	048	153	13 04 17.68	−10 21 02.0	0.8	117	16.9	0.51	041
105	13 04 13.30	−10 20 21.0	0.9	178	21.7	0.38	002	154	13 04 17.82	−10 21 16.3	6.0	1460	28.7	0.33	102
106	13 04 13.28	−10 21 03.1	0.8	145	18.9	0.37	143	155	13 04 17.14	−10 20 29.8	0.9	166	26.4	0.34	135
107	13 04 13.20	−10 19 53.9	0.6	102	17.2	0.51	037	156	13 04 16.90	−10 19 26.7	2.8	632	24.6	0.59	164
108	13 04 13.21	−10 20 06.8	0.6	123	20.0	0.47	052	157	13 04 16.89	−10 18 59.2	4.4	1300	43.0	0.15	077
109	13 04 13.22	−10 21 00.1	3.0	1030	44.3	0.01	146	158	13 04 16.84	−10 19 13.2	1.2	223	19.5	0.20	103
110	13 04 13.25	−10 21 20.3	4.4	1300	31.4	0.11	179	159	13 04 16.85	−10 19 20.0	1.6	321	21.7	0.42	024
111	13 04 13.05	−10 19 20.5	0.3	24.6	18.7	0.49	051	160	13 04 16.70	−10 18 51.2	2.0	401	21.9	0.10	066
112	13 04 12.92	−10 20 29.7	0.9	187	17.6	0.58	173	161	13 04 16.72	−10 19 05.6	0.9	170	22.1	0.68	074
113	13 04 12.91	−10 20 23.7	0.7	164	52.0	0.54	099	162	13 04 16.68	−10 19 07.6	4.1	1440	49.6	0.17	028
114	13 04 12.89	−10 19 16.4	2.3	526	26.3	0.33	091	163	13 04 16.58	−10 19 00.3	2.9	677	23.4	0.18	169
115	13 04 12.83	−10 19 56.1	1.0	211	20.5	0.36	141	164	13 04 16.24	−10 20 23.1	0.5	55.3	17.5	0.22	116
116	13 04 12.77	−10 20 19.6	11.0	4890	60.8	0.61	005	165	13 04 16.21	−10 20 25.8	0.8	119	16.5	0.57	013
117	13 04 12.68	−10 20 00.8	4.1	984	24.8	0.48	013	166	13 04 16.19	−10 20 30.8	0.9	162	19.8	0.45	149
118	13 04 12.69	−10 22 35.7	3.0	860	47.8	0.09	075	167	13 04 16.07	−10 20 19.1	2.0	434	22.7	0.43	040
119	13 04 12.54	−10 21 20.1	1.2	224	17.2	0.53	010	168	13 04 15.78	−10 20 43.2	1.1	203	23.8	0.28	009
120	13 04 12.54	−10 20 47.6	7.3	5150	125	0.04	078	169	13 04 15.51	−10 20 36.4	1.1	180	17.2	0.66	176
121	13 04 12.38	−10 21 14.6	0.5	65.4	23.3	0.45	173	170	13 04 15.35	−10 19 24.6	0.8	116	18.9	0.49	080
122	13 04 12.31	−10 19 50.5	0.8	118	19.8	0.73	036	171	13 04 15.28	−10 21 32.1	1.3	270	23.4	0.42	099
123	13 04 12.23	−10 19 39.1	3.3	856	31.2	0.10	133	172	13 04 15.20	−10 20 59.9	0.9	151	15.8	0.17	021
124	13 04 12.26	−10 19 53.2	7.1	4850	115	0.03	077	173	13 04 15.12	−10 20 54.8	1.3	255	18.5	0.57	001
125	13 04 11.84	−10 19 51.1	2.1	551	48.5	0.26	055	174	13 04 14.87	−10 20 18.5	1.0	198	21.2	0.11	008
126	13 04 11.80	−10 20 46.0	0.9	172	25.0	0.31	094	175	13 04 14.78	−10 19 55.5	1.8	335	20.4	0.21	150
127	13 04 11.83	−10 22 45.8	2.2	532	29.8	0.09	033	176	13 04 14.53	−10 19 55.6	0.6	93.7	17.0	0.42	056
128	13 04 11.73	−10 22 16.5	0.8	156	21.1	0.20	059	177	13 04 14.54	−10 20 37.4	1.0	185	19.4	0.43	155
129	13 04 11.61	−10 20 56.4	0.3	21.0	15.1	0.26	105	178	13 04 14.35	−10 19 53.8	1.4	252	19.7	0.62	067
130	13 04 11.57	−10 20 19.3	1.8	417	31.6	0.21	089	179	13 04 14.16	−10 19 54.1	0.8	135	17.8	0.36	060
131	13 04 11.54	−10 21 16.4	0.2	16.7	16.6	0.74	140	180	13 04 13.95	−10 19 50.0	2.9	653	26.8	0.33	060
132	13 04 11.25	−10 20 09.6	0.8	148	19.9	0.56	021	181	13 04 13.81	−10 20 05.4	2.5	567	27.3	0.44	061
133	13 04 11.16	−10 19 58.0	1.2	265	22.6	0.11	016	182	13 04 13.75	−10 19 55.6	0.9	153	17.6	0.13	105
134	13 04 11.19	−10 22 16.1	1.5	290	20.0	0.28	178	183	13 04 13.69	−10 21 23.5	4.0	902	27.2	0.27	069
135	13 04 11.09	−10 21 26.8	4.5	1430	35.5	0.35	021	184	13 04 13.43	−10 19 44.4	1.4	325	25.9	0.22	140
136	13 04 11.06	−10 21 57.9	3.3	885	41.9	0.17	147	185	13 04 13.41	−10 20 47.5	0.8	107	15.9	0.13	106
137	13 04 11.06	−10 22 04.1	2.5	566	23.4	0.26	070	186	13 04 13.38	−10 20 51.8	1.3	264	29.7	0.44	080
138	13 04 10.95	−10 21 51.7	9.6	5000	80.3	0.34	164	187	13 04 13.36	−10 20 50.2	1.5	279	19.6	0.40	079
139	13 04 10.85	−10 21 47.8	0.7	135	26.1	0.31	089	188	13 04 13.31	−10 20 48.0	1.6	343	23.7	0.42	136
140	13 04 10.70	−10 21 24.2	8.8	5990	128	0.10	158	189	13 04 13.19	−10 20 09.6	2.8	574	21.1	0.08	165
141	13 04 10.55	−10 20 30.9	2.5	570	21.8	0.35	165	190	13 04 13.06	−10 20 47.1	1.8	375	28.8	0.56	179
142	13 04 10.50	−10 21 34.1	0.2	21.2	18.6	0.58	000	191	13 04 13.03	−10 20 45.2	0.8	143	20.6	0.47	091
143	13 04 10.59	−10 21 37.5	18.0	11300	127	0.47	166	192	13 04 12.96	−10 20 09.8	0.9	153	22.1	0.13	121

TABLE 2—*Continued*

No.	α (J2000)	δ (J2000)	Area (arcsec)^2	Total DN	Peak DN	e	P.A. °
193	13 04 12.85	−10 19 32.8	1.2	195	16.1	0.50	064
194	13 04 12.35	−10 20 12.0	2.2	519	25.9	0.37	076
195	13 04 12.18	−10 20 11.9	1.2	234	19.0	0.33	087
196	13 04 12.04	−10 20 30.6	0.8	109	12.5	0.38	039
197	13 04 12.03	−10 20 20.3	0.8	108	13.9	0.44	133
198	13 04 11.11	−10 20 15.7	2.2	476	21.7	0.56	120
199	13 04 10.86	−10 20 12.4	3.9	1010	28.0	0.50	030
200	13 04 10.87	−10 21 47.2	2.3	487	26.1	0.38	029
201	13 04 10.73	−10 20 15.3	1.9	374	22.1	0.39	096
202	13 04 10.71	−10 21 44.9	0.5	49.4	14.7	0.23	110
203	13 04 10.61	−10 20 34.9	1.9	401	24.0	0.35	071
204	13 04 10.53	−10 20 46.2	2.3	442	21.0	0.30	119
205	13 04 10.44	−10 20 43.0	0.8	125	20.4	0.34	097
206	13 04 10.22	−10 20 43.2	1.4	254	17.6	0.40	049
			NGC 5033				
1	13 13 16.11	+36 37 20.4	3.4	61.5	17.7	0.35	034
2	13 13 16.14	+36 37 36.7	8.4	529	48.8	0.45	177
3	13 13 16.27	+36 37 47.0	4.8	155	22.8	0.40	022
4	13 13 16.36	+36 37 21.2	4.3	94.3	21.2	0.28	178
5	13 13 16.51	+36 37 47.3	3.6	99.9	32.2	0.52	032
6	13 13 17.03	+36 35 50.2	4.5	157	29.4	0.39	026
7	13 13 17.04	+36 36 04.2	32.6	3670	120	0.44	162
8	13 13 17.15	+36 38 32.7	26.1	2170	86.4	0.22	156
9	13 13 18.11	+36 38 45.0	12.0	590	39.1	0.10	075
10	13 13 19.02	+36 38 57.8	4.0	103	23.1	0.45	013
11	13 13 19.21	+36 39 12.1	4.0	130	25.4	0.11	116
12	13 13 19.47	+36 34 33.1	21.2	1460	44.4	0.53	069
13	13 13 19.60	+36 39 02.5	4.9	140	29.1	0.36	047
14	13 13 19.85	+36 34 25.0	17.1	1010	37.4	0.27	169
15	13 13 19.97	+36 34 06.7	11.7	641	39.0	0.33	005
16	13 13 20.06	+36 33 58.0	12.9	1270	69.7	0.50	021
17	13 13 20.11	+36 34 17.5	12.0	745	59.2	0.47	012
18	13 13 20.15	+36 35 11.4	5.8	206	27.2	0.43	167
19	13 13 20.29	+36 34 02.4	4.2	339	62.5	0.36	030
20	13 13 20.44	+36 35 39.9	4.5	137	27.4	0.20	048
21	13 13 20.68	+36 35 54.5	3.6	141	26.6	0.15	004
22	13 13 20.71	+36 35 07.3	13.8	580	33.6	0.31	126
23	13 13 20.77	+36 33 27.8	7.4	318	26.8	0.32	169
24	13 13 20.85	+36 32 45.9	3.7	71.5	21.5	0.56	019
25	13 13 20.88	+36 34 46.4	5.2	187	40.1	0.31	013
26	13 13 20.92	+36 34 56.3	27.7	2590	91.0	0.40	026
27	13 13 21.01	+36 33 13.2	3.4	85.9	31.4	0.69	132
28	13 13 21.04	+36 32 51.7	13.2	792	59.6	0.19	073
29	13 13 21.05	+36 33 20.6	3.7	102	29.7	0.35	134
30	13 13 21.14	+36 32 44.3	4.6	144	27.0	0.37	115
31	13 13 21.16	+36 36 22.5	17.8	1320	44.1	0.12	042
32	13 13 21.16	+36 36 05.6	5.4	208	26.7	0.46	043
33	13 13 21.38	+36 36 26.8	4.2	240	36.9	0.57	056
34	13 13 21.43	+36 33 26.2	12.9	648	34.8	0.50	069
35	13 13 21.44	+36 37 00.7	6.5	237	30.0	0.44	052
36	13 13 21.51	+36 34 42.1	12.0	1170	91.7	0.14	029
37	13 13 21.51	+36 33 06.9	4.0	136	34.2	0.31	076
38	13 13 21.52	+36 36 29.6	6.8	550	47.0	0.15	013
39	13 13 21.56	+36 34 23.7	3.4	63.6	20.6	0.45	175
40	13 13 21.62	+36 34 14.3	13.2	619	32.3	0.12	049
41	13 13 21.63	+36 35 09.4	24.0	2050	52.8	0.24	042
42	13 13 21.64	+36 34 01.2	3.7	131	36.6	0.40	102
43	13 13 21.67	+36 34 09.0	7.1	317	31.2	0.55	041
44	13 13 21.69	+36 35 19.4	8.6	681	41.0	0.73	166
45	13 13 21.74	+36 35 26.5	5.5	875	73.1	0.51	128
46	13 13 21.80	+36 35 35.9	29.8	5270	110	0.55	043
47	13 13 21.86	+36 33 57.2	17.1	1580	110	0.09	104
48	13 13 21.91	+36 33 08.9	24.3	3920	261	0.09	125
49	13 13 21.92	+36 38 33.6	9.8	690	43.0	0.36	030
50	13 13 21.93	+36 37 08.2	13.5	1490	64.0	0.25	127
51	13 13 22.01	+36 35 55.0	56.9	15700	430	0.38	005
52	13 13 22.04	+36 35 27.8	4.6	655	63.5	0.14	126
53	13 13 22.04	+36 37 48.9	8.1	303	25.2	0.52	042
54	13 13 22.06	+36 33 48.4	15.1	1130	75.5	0.24	176
55	13 13 22.09	+36 32 07.2	12.9	1080	89.7	0.22	143
56	13 13 22.15	+36 32 24.5	3.6	120	30.3	0.39	130
57	13 13 22.19	+36 38 34.7	4.6	240	34.7	0.34	073
58	13 13 22.20	+36 33 33.0	8.3	447	39.7	0.08	089
59	13 13 22.21	+36 38 21.5	7.2	300	24.0	0.41	108
60	13 13 22.24	+36 36 10.1	9.2	427	29.7	0.53	171
61	13 13 22.25	+36 33 39.3	7.7	472	55.9	0.25	073
62	13 13 22.28	+36 32 55.0	18.7	1330	60.8	0.17	069
63	13 13 22.30	+36 37 08.6	4.6	354	41.0	0.33	030
64	13 13 22.30	+36 35 48.6	5.7	259	29.7	0.48	161
65	13 13 22.51	+36 33 50.3	3.3	87.5	22.5	0.33	065
66	13 13 22.52	+36 36 45.1	11.1	632	40.1	0.27	072
67	13 13 22.55	+36 32 42.9	6.0	212	26.1	0.37	136
68	13 13 22.56	+36 36 39.4	6.5	568	55.9	0.47	002
69	13 13 22.56	+36 37 59.7	4.0	214	34.8	0.20	045
70	13 13 22.58	+36 36 52.7	10.5	466	30.2	0.33	047
71	13 13 22.58	+36 35 51.9	6.3	279	32.9	0.33	152
72	13 13 22.60	+36 36 33.6	7.7	4360	281	0.25	030
73	13 13 22.65	+36 36 10.2	23.1	1260	35.3	0.45	012
74	13 13 22.66	+36 34 05.6	3.3	74.5	23.8	0.64	027
75	13 13 22.69	+36 37 06.2	11.7	934	49.2	0.34	024
76	13 13 22.73	+36 36 29.2	6.1	2380	167	0.18	024
77	13 13 22.82	+36 38 06.3	4.9	384	47.7	0.38	138
78	13 13 22.82	+36 38 51.7	11.4	696	38.8	0.22	092
79	13 13 22.83	+36 36 02.6	4.2	92.1	19.1	0.74	052
80	13 13 22.86	+36 38 43.4	9.6	532	44.4	0.10	026
81	13 13 22.89	+36 32 42.6	5.8	214	24.3	0.44	135

TABLE 2—*Continued*

No.	α (J2000)	δ (J2000)	Area (arcsec)^2	Total DN	Peak DN	e	P.A. °	No.	α (J2000)	δ (J2000)	Area (arcsec)^2	Total DN	Peak DN	e	P.A. °
82	13 13 22.95	+36 32 10.6	3.4	116	31.7	0.42	148	131	13 13 25.68	+36 36 45.9	14.8	1860	90.6	0.02	038
83	13 13 22.98	+36 36 57.7	18.7	1000	40.5	0.41	153	132	13 13 25.68	+36 37 26.3	10.5	653	38.5	0.23	016
84	13 13 23.01	+36 37 46.6	32.7	4040	125	0.34	171	133	13 13 25.68	+36 36 45.9	16.2	1920	90.6	0.03	024
85	13 13 23.04	+36 34 08.0	6.9	293	31.0	0.17	016	134	13 13 25.70	+36 33 01.9	7.4	304	33.3	0.22	018
86	13 13 23.19	+36 32 23.8	3.4	104	34.3	0.54	160	135	13 13 25.72	+36 33 33.9	26.1	3410	103	0.34	159
87	13 13 23.27	+36 38 08.7	22.1	2300	63.6	0.36	028	136	13 13 25.74	+36 33 50.2	14.1	1540	88.9	0.57	003
88	13 13 23.32	+36 38 32.9	3.6	128	35.1	0.07	097	137	13 13 25.77	+36 35 50.6	9.5	608	50.3	0.17	013
89	13 13 23.32	+36 34 46.0	26.7	5750	260	0.24	002	138	13 13 25.85	+36 37 01.6	8.3	337	24.9	0.69	009
90	13 13 23.36	+36 38 52.2	22.7	1670	74.0	0.16	150	139	13 13 25.88	+36 36 25.0	13.8	1150	44.0	0.36	072
91	13 13 23.37	+36 37 40.2	6.9	293	30.1	0.45	006	140	13 13 25.89	+36 32 31.3	12.9	544	27.6	0.63	158
92	13 13 23.39	+36 34 05.8	3.4	97.4	26.1	0.28	163	141	13 13 25.94	+36 34 05.5	14.1	1850	101	0.04	122
93	13 13 23.42	+36 32 23.2	4.9	151	21.0	0.45	128	142	13 13 26.00	+36 35 09.9	4.0	121	24.5	0.44	011
94	13 13 23.58	+36 37 13.2	7.8	390	41.1	0.56	010	143	13 13 26.04	+36 38 31.7	11.7	523	32.3	0.59	045
95	13 13 23.59	+36 33 47.3	5.2	164	22.1	0.27	068	144	13 13 26.05	+36 36 27.4	4.0	210	41.9	0.61	073
96	13 13 23.63	+36 36 14.7	10.8	451	28.5	0.66	108	145	13 13 26.10	+36 33 57.5	4.0	192	39.6	0.28	138
97	13 13 23.67	+36 34 30.4	8.3	364	30.3	0.56	018	146	13 13 26.17	+36 33 13.7	4.0	99.6	35.2	0.19	004
98	13 13 23.70	+36 36 33.0	33.8	2890	72.0	0.55	003	147	13 13 26.18	+36 37 11.2	4.2	123	24.4	0.40	098
99	13 13 23.71	+36 34 22.8	13.8	993	80.1	0.03	080	148	13 13 26.22	+36 32 20.9	4.2	107	20.9	0.56	022
100	13 13 23.80	+36 38 16.3	10.1	480	33.9	0.59	179	149	13 13 26.23	+36 35 32.2	19.4	1860	79.2	0.48	155
101	13 13 23.80	+36 37 20.4	10.2	2010	139	0.01	067	150	13 13 26.29	+36 39 05.7	22.5	1940	59.8	0.28	051
102	13 13 24.00	+36 37 50.4	14.1	623	32.7	0.75	168	151	13 13 26.31	+36 35 25.1	4.0	129	34.0	0.41	085
103	13 13 24.18	+36 37 24.1	18.6	2980	119	0.42	161	152	13 13 26.35	+36 36 08.8	18.7	4320	147	0.22	062
104	13 13 24.19	+36 33 35.1	3.9	102	25.7	0.25	058	153	13 13 26.36	+36 32 48.3	14.4	908	72.5	0.52	028
105	13 13 24.26	+36 34 39.0	4.6	134	24.1	0.29	038	154	13 13 26.39	+36 36 51.0	5.5	1050	85.8	0.12	089
106	13 13 24.36	+36 34 03.1	8.9	525	42.5	0.26	160	155	13 13 26.45	+36 36 14.4	5.1	239	29.5	0.23	012
107	13 13 24.42	+36 38 32.7	9.2	357	30.4	0.19	169	156	13 13 26.46	+36 35 49.9	17.8	6980	230	0.43	174
108	13 13 24.55	+36 35 36.9	4.6	323	49.4	0.19	017	157	13 13 26.50	+36 36 02.8	15.0	2130	76.1	0.43	061
109	13 13 24.55	+36 38 17.1	5.7	183	28.4	0.52	100	158	13 13 26.51	+36 35 38.3	10.8	1180	69.2	0.19	093
110	13 13 24.60	+36 35 42.8	13.2	1300	59.8	0.39	164	159	13 13 26.51	+36 35 38.3	9.9	1150	69.2	0.19	087
111	13 13 24.61	+36 37 31.1	11.7	766	44.4	0.40	166	160	13 13 26.57	+36 33 32.5	18.6	1490	70.5	0.52	004
112	13 13 24.61	+36 34 54.9	9.2	509	34.6	0.27	017	161	13 13 26.59	+36 36 54.5	5.7	1000	82.5	0.18	002
113	13 13 24.66	+36 34 47.5	7.7	298	27.5	0.45	048	162	13 13 26.61	+36 32 26.3	3.9	105	22.8	0.33	066
114	13 13 24.67	+36 34 23.1	22.1	1310	46.1	0.41	094	163	13 13 26.62	+36 33 57.1	36.6	4540	98.0	0.63	022
115	13 13 24.70	+36 35 11.7	7.4	315	31.7	0.45	060	164	13 13 26.62	+36 33 43.4	3.6	104	27.6	0.40	010
116	13 13 24.75	+36 34 30.8	7.4	335	34.4	0.43	024	165	13 13 26.62	+36 35 30.5	7.7	861	75.4	0.40	037
117	13 13 24.82	+36 38 44.2	13.5	736	39.8	0.56	031	166	13 13 26.65	+36 34 31.9	5.2	134	19.9	0.44	151
118	13 13 24.95	+36 36 26.3	3.4	126	27.2	0.43	079	167	13 13 26.71	+36 37 11.8	5.8	268	39.8	0.13	171
119	13 13 24.95	+36 38 52.3	12.3	716	47.6	0.42	059	168	13 13 26.72	+36 34 57.4	30.4	4450	159	0.46	013
120	13 13 24.95	+36 34 59.0	13.8	1060	66.4	0.15	085	169	13 13 26.75	+36 36 24.8	6.8	353	51.0	0.35	112
121	13 13 24.99	+36 36 21.3	8.6	339	32.4	0.36	001	170	13 13 26.76	+36 34 41.6	5.8	225	30.5	0.44	013
122	13 13 25.11	+36 34 06.2	3.7	106	26.0	0.21	164	171	13 13 26.80	+36 36 41.6	17.5	4170	128	0.13	175
123	13 13 25.17	+36 38 35.0	4.3	106	23.6	0.30	166	172	13 13 26.83	+36 33 46.8	4.0	328	55.1	0.30	174
124	13 13 25.35	+36 32 54.8	8.7	366	34.0	0.28	109	173	13 13 26.85	+36 33 36.6	3.9	148	27.4	0.26	173
125	13 13 25.36	+36 33 31.5	5.2	238	25.1	0.49	040	174	13 13 26.86	+36 35 51.8	3.4	1050	125	0.22	008
126	13 13 25.39	+36 36 20.7	8.3	381	30.1	0.23	027	175	13 13 26.86	+36 36 58.4	11.4	1270	57.2	0.33	041
127	13 13 25.42	+36 33 56.4	8.3	847	76.4	0.56	036	176	13 13 26.90	+36 35 13.2	4.6	240	39.8	0.16	163
128	13 13 25.42	+36 35 15.7	4.2	101	23.7	0.25	099	177	13 13 26.92	+36 33 21.4	18.0	2970	199	0.43	057
129	13 13 25.56	+36 34 13.9	32.3	6360	256	0.30	006	178	13 13 26.93	+36 34 50.2	8.4	371	37.9	0.59	044
130	13 13 25.60	+36 37 36.5	45.2	11600	281	0.11	070	179	13 13 26.95	+36 37 31.9	11.1	672	51.4	0.21	071

TABLE 2—*Continued*

No.	α (J2000)	δ (J2000)	Area (arcsec)^2	Total DN	Peak DN	e	P.A. °	No.	α (J2000)	δ (J2000)	Area (arcsec)^2	Total DN	Peak DN	e	P.A. °
180	13 13 26.95	+36 38 15.0	8.6	371	30.9	0.45	047	229	13 13 28.28	+36 33 16.9	6.8	414	34.8	0.33	134
181	13 13 26.96	+36 36 01.5	4.9	370	60.7	0.53	141	230	13 13 28.29	+36 34 15.0	4.6	219	30.5	0.28	062
182	13 13 27.04	+36 36 08.6	6.3	2500	173	0.52	053	231	13 13 28.32	+36 36 33.3	4.5	169	25.6	0.32	072
183	13 13 27.05	+36 35 40.4	3.7	597	83.1	0.31	086	232	13 13 28.34	+36 34 33.8	7.5	272	21.3	0.36	176
184	13 13 27.05	+36 32 18.1	8.1	434	37.0	0.52	096	233	13 13 28.41	+36 36 53.1	5.7	301	33.0	0.58	023
185	13 13 27.05	+36 36 15.3	17.8	1360	61.0	0.55	073	234	13 13 28.41	+36 36 45.7	4.9	310	34.9	0.16	177
186	13 13 27.09	+36 37 19.5	6.3	223	31.6	0.35	093	235	13 13 28.41	+36 34 41.3	26.1	1490	49.1	0.63	077
187	13 13 27.13	+36 35 49.6	4.5	1460	123	0.44	032	236	13 13 28.45	+36 36 40.7	7.8	718	54.1	0.20	030
188	13 13 27.14	+36 36 37.3	19.7	4380	126	0.29	104	237	13 13 28.47	+36 33 07.0	16.8	4620	123	0.21	040
189	13 13 27.19	+36 34 08.1	9.9	394	25.3	0.66	037	238	13 13 28.60	+36 34 21.1	4.0	203	38.8	0.44	110
190	13 13 27.21	+36 38 42.6	18.6	1340	71.0	0.36	171	239	13 13 28.62	+36 36 23.8	5.8	219	28.9	0.45	107
191	13 13 27.23	+36 33 48.0	12.0	1370	101	0.36	039	240	13 13 28.64	+36 36 05.5	3.6	342	58.5	0.15	169
192	13 13 27.26	+36 35 53.3	14.4	4870	194	0.10	003	241	13 13 28.67	+36 34 33.4	4.5	202	44.1	0.40	172
193	13 13 27.29	+36 34 50.8	5.8	255	28.4	0.10	057	242	13 13 28.68	+36 35 58.1	9.0	617	53.4	0.33	131
194	13 13 27.31	+36 32 27.0	4.3	127	22.1	0.71	113	243	13 13 28.70	+36 37 01.1	4.6	143	27.6	0.36	174
195	13 13 27.35	+36 36 53.3	10.8	467	33.9	0.46	050	244	13 13 28.73	+36 33 51.0	12.9	586	29.4	0.38	049
196	13 13 27.40	+36 33 28.0	15.9	1690	72.5	0.73	064	245	13 13 28.74	+36 37 40.3	11.7	1940	88.3	0.27	054
197	13 13 27.40	+36 33 43.5	4.6	278	39.3	0.44	069	246	13 13 28.75	+36 33 18.4	33.8	8010	279	0.50	002
198	13 13 27.41	+36 32 52.3	12.3	621	44.2	0.32	094	247	13 13 28.77	+36 36 51.8	11.1	858	58.5	0.21	016
199	13 13 27.43	+36 35 19.1	11.1	2310	127	0.25	034	248	13 13 28.77	+36 32 05.1	5.8	365	60.3	0.09	126
200	13 13 27.45	+36 36 26.2	12.3	2170	98.5	0.23	019	249	13 13 28.77	+36 34 04.6	11.1	719	47.5	0.18	047
201	13 13 27.49	+36 35 25.2	4.9	1810	158	0.38	032	250	13 13 28.78	+36 33 04.6	3.3	766	96.9	0.06	069
202	13 13 27.54	+36 35 10.1	15.6	3390	108	0.63	021	251	13 13 28.78	+36 34 27.5	3.4	54.2	18.0	0.33	178
203	13 13 27.54	+36 38 06.8	4.0	79.7	20.3	0.53	123	252	13 13 28.79	+36 32 31.9	3.3	80.1	23.3	0.57	133
204	13 13 27.57	+36 37 58.9	21.8	1400	50.9	0.07	025	253	13 13 28.85	+36 38 35.0	22.7	2220	68.4	0.21	115
205	13 13 27.60	+36 36 05.2	5.2	1630	129	0.62	022	254	13 13 28.97	+36 36 37.9	18.6	1560	65.8	0.19	167
206	13 13 27.62	+36 37 17.1	36.0	4300	115	0.40	030	255	13 13 29.04	+36 36 06.7	14.1	1890	76.7	0.33	113
207	13 13 27.76	+36 34 54.7	3.4	81.5	24.7	0.54	020	256	13 13 29.05	+36 35 18.8	12.9	2400	99.5	0.31	166
208	13 13 27.81	+36 35 12.4	5.2	824	84.9	0.49	052	257	13 13 29.07	+36 35 45.0	9.5	443	30.8	0.65	128
209	13 13 27.83	+36 35 25.4	14.4	6920	234	0.41	142	258	13 13 29.11	+36 34 37.7	5.4	163	19.4	0.03	174
210	13 13 27.84	+36 37 47.0	10.4	492	32.6	0.04	008	259	13 13 29.14	+36 38 08.6	19.8	1510	57.6	0.25	120
211	13 13 27.84	+36 36 26.1	18.3	4490	146	0.50	012	260	13 13 29.16	+36 37 38.7	10.8	2080	112	0.20	038
212	13 13 27.87	+36 37 34.2	5.8	206	23.9	0.40	151	261	13 13 29.22	+36 34 53.8	25.2	2930	99.5	0.27	147
213	13 13 27.89	+36 36 48.5	12.3	746	46.5	0.52	040	262	13 13 29.23	+36 37 57.7	9.2	438	36.9	0.06	052
214	13 13 27.92	+36 35 06.4	5.1	871	86.8	0.23	105	263	13 13 29.31	+36 32 37.6	16.6	903	56.0	0.47	020
215	13 13 27.99	+36 36 13.1	13.5	948	58.3	0.29	037	264	13 13 29.34	+36 39 14.2	4.2	194	33.5	0.32	043
216	13 13 28.02	+36 34 30.4	7.7	291	33.2	0.32	094	265	13 13 29.35	+36 35 13.7	33.2	14800	467	0.39	177
217	13 13 28.03	+36 35 02.7	9.6	1250	69.8	0.52	022	266	13 13 29.41	+36 35 24.9	23.7	1920	65.5	0.58	162
218	13 13 28.04	+36 37 08.5	17.1	1040	41.0	0.40	006	267	13 13 29.43	+36 32 31.8	9.5	486	41.6	0.17	130
219	13 13 28.04	+36 35 54.8	27.3	10600	321	0.29	017	268	13 13 29.55	+36 35 42.0	8.9	416	34.0	0.27	137
220	13 13 28.06	+36 33 13.2	10.4	1140	97.4	0.53	045	269	13 13 29.59	+36 39 02.1	4.9	184	33.2	0.53	014
221	13 13 28.11	+36 38 25.5	9.8	677	45.5	0.15	083	270	13 13 29.62	+36 36 09.5	5.4	267	34.3	0.33	047
222	13 13 28.11	+36 35 19.5	7.7	1190	112	0.17	046	271	13 13 29.71	+36 36 18.2	10.4	698	49.0	0.12	100
223	13 13 28.14	+36 35 46.7	9.6	1990	102	0.25	037	272	13 13 29.74	+36 35 59.5	21.3	1670	76.7	0.29	175
224	13 13 28.16	+36 34 18.7	4.0	193	29.6	0.40	040	273	13 13 29.75	+36 33 12.9	3.4	90.2	29.1	0.53	020
225	13 13 28.18	+36 37 22.0	12.0	797	55.7	0.19	001	274	13 13 29.76	+36 35 05.8	15.4	1200	44.3	0.71	004
226	13 13 28.18	+36 35 27.5	2.5	841	136	0.42	054	275	13 13 29.85	+36 33 20.2	17.2	1630	71.4	0.15	077
227	13 13 28.21	+36 35 07.9	7.1	1720	121	0.34	042	276	13 13 29.93	+36 36 59.6	33.8	2260	49.7	0.69	001
228	13 13 28.26	+36 35 34.2	22.8	6300	173	0.55	173	277	13 13 29.97	+36 35 23.5	11.1	768	48.9	0.37	010

TABLE 2—*Continued*

No.	α (J2000)	δ (J2000)	Area (arcsec)^2	Total DN	Peak DN	*e*	P.A. °	No.	α (J2000)	δ (J2000)	Area (arcsec)^2	Total DN	Peak DN	*e*	P.A. °
278	13 13 30.00	+36 34 56.3	13.5	1550	93.9	0.25	161	327	13 13 32.18	+36 38 59.7	12.9	734	42.5	0.08	050
279	13 13 30.04	+36 33 59.7	7.7	366	30.4	0.11	177	328	13 13 32.25	+36 32 07.6	5.5	212	36.1	0.49	161
280	13 13 30.05	+36 35 12.2	7.5	358	29.3	0.16	078	329	13 13 32.31	+36 33 32.3	10.5	669	51.3	0.21	070
281	13 13 30.08	+36 34 15.4	5.1	271	33.3	0.25	029	330	13 13 32.37	+36 39 14.5	7.1	270	32.3	0.38	066
282	13 13 30.13	+36 37 16.1	44.1	4820	83.3	0.32	166	331	13 13 32.38	+36 34 28.2	8.9	411	36.9	0.49	123
283	13 13 30.13	+36 35 16.1	4.3	239	42.7	0.51	002	332	13 13 32.45	+36 33 37.5	3.3	55.2	19.3	0.34	047
284	13 13 30.23	+36 39 16.2	3.4	88.7	24.8	0.50	042	333	13 13 32.55	+36 34 54.9	10.4	1570	74.1	0.24	008
285	13 13 30.27	+36 33 31.4	29.4	4430	146	0.49	028	334	13 13 32.56	+36 35 05.8	7.7	1120	68.0	0.33	090
286	13 13 30.35	+36 34 10.7	23.7	3210	126	0.14	037	335	13 13 32.58	+36 32 13.0	16.3	993	54.3	0.43	147
287	13 13 30.35	+36 36 11.2	32.6	1860	38.2	0.51	169	336	13 13 32.60	+36 39 09.7	8.3	455	38.9	0.20	057
288	13 13 30.35	+36 36 28.4	23.0	2570	77.6	0.56	127	337	13 13 32.60	+36 34 50.8	4.8	770	82.8	0.20	024
289	13 13 30.38	+36 34 55.7	12.9	1470	91.5	0.03	027	338	13 13 32.64	+36 34 14.6	3.9	67.2	17.9	0.56	051
290	13 13 30.45	+36 34 36.6	28.9	3840	136	0.39	086	339	13 13 32.68	+36 35 02.2	3.7	416	59.0	0.30	168
291	13 13 30.48	+36 38 24.9	9.0	368	31.6	0.27	030	340	13 13 32.79	+36 35 23.0	3.3	68.3	19.6	0.59	033
292	13 13 30.63	+36 36 56.1	13.8	1230	67.1	0.05	018	341	13 13 32.82	+36 37 31.8	4.9	144	23.3	0.13	028
293	13 13 30.65	+36 36 19.7	18.6	1610	54.7	0.62	028	342	13 13 32.94	+36 38 21.9	18.1	1440	84.0	0.20	109
294	13 13 30.72	+36 36 25.1	4.6	271	32.7	0.32	026	343	13 13 32.97	+36 39 16.2	3.6	113	31.0	0.48	149
295	13 13 30.79	+36 37 34.0	12.9	512	26.6	0.40	011	344	13 13 33.08	+36 36 02.5	25.2	1360	54.7	0.48	089
296	13 13 30.84	+36 35 00.5	22.4	4200	148	0.05	109	345	13 13 33.10	+36 39 08.4	3.4	58.5	20.2	0.39	032
297	13 13 30.87	+36 34 32.8	4.9	563	73.0	0.25	168	346	13 13 33.16	+36 36 08.8	5.2	281	39.6	0.22	076
298	13 13 30.91	+36 34 42.0	7.7	380	33.1	0.15	053	347	13 13 33.20	+36 34 15.5	18.7	1030	37.1	0.54	083
299	13 13 30.95	+36 34 22.6	15.1	1380	85.9	0.29	059	348	13 13 33.28	+36 35 15.0	6.1	172	19.4	0.53	122
300	13 13 31.00	+36 33 50.6	10.8	539	47.6	0.27	138	349	13 13 33.35	+36 37 34.4	7.4	246	24.4	0.43	025
301	13 13 31.00	+36 38 38.9	6.0	206	32.4	0.32	155	350	13 13 33.36	+36 37 49.6	31.6	4910	204	0.40	138
302	13 13 31.14	+36 36 24.8	17.8	1230	50.8	0.47	172	351	13 13 33.52	+36 39 05.8	8.3	309	26.6	0.52	155
303	13 13 31.26	+36 35 01.0	4.9	301	36.2	0.34	158	352	13 13 33.55	+36 34 04.4	16.3	1190	60.6	0.44	015
304	13 13 31.33	+36 34 30.7	11.1	1910	112	0.06	019	353	13 13 33.56	+36 36 18.8	4.0	101	23.6	0.29	126
305	13 13 31.36	+36 38 13.2	9.5	444	30.1	0.30	010	354	13 13 33.65	+36 32 45.7	7.5	342	25.2	0.36	085
306	13 13 31.36	+36 35 18.0	3.4	79.3	25.7	0.55	086	355	13 13 33.68	+36 38 17.5	15.6	1300	65.0	0.32	045
307	13 13 31.38	+36 35 24.9	12.9	1350	70.5	0.37	171	356	13 13 33.68	+36 32 06.6	4.6	177	40.4	0.43	105
308	13 13 31.39	+36 36 12.4	4.9	174	28.5	0.56	041	357	13 13 33.71	+36 38 37.7	10.4	1230	86.4	0.20	015
309	13 13 31.41	+36 35 36.2	5.4	171	25.8	0.45	022	358	13 13 33.77	+36 37 47.7	3.9	172	25.1	0.51	095
310	13 13 31.46	+36 36 16.3	3.4	99.9	29.7	0.03	005	359	13 13 33.81	+36 32 41.9	3.7	154	36.7	0.34	098
311	13 13 31.48	+36 38 21.0	7.4	373	37.2	0.18	159	360	13 13 33.87	+36 34 04.6	6.1	222	27.6	0.67	016
312	13 13 31.50	+36 38 31.0	16.0	1400	51.6	0.52	017	361	13 13 33.92	+36 34 16.7	12.6	554	28.8	0.34	083
313	13 13 31.50	+36 35 28.8	3.3	151	31.8	0.29	024	362	13 13 33.95	+36 39 06.9	5.5	205	30.4	0.25	045
314	13 13 31.57	+36 35 51.5	20.9	1040	39.9	0.34	000	363	13 13 33.95	+36 33 59.6	5.5	209	33.0	0.14	039
315	13 13 31.57	+36 38 36.6	8.6	683	60.8	0.28	015	364	13 13 34.01	+36 32 50.4	10.1	464	30.5	0.26	130
316	13 13 31.62	+36 37 20.6	4.0	135	30.7	0.68	019	365	13 13 34.04	+36 38 20.2	5.8	284	29.2	0.43	103
317	13 13 31.63	+36 33 57.0	57.5	22800	541	0.30	163	366	13 13 34.09	+36 38 38.3	6.1	445	44.8	0.23	123
318	13 13 31.64	+36 32 15.4	9.5	377	28.8	0.52	114	367	13 13 34.13	+36 32 02.9	11.4	1900	148	0.23	153
319	13 13 31.67	+36 36 06.5	12.6	725	45.5	0.08	053	368	13 13 34.20	+36 34 46.5	12.6	533	30.4	0.53	164
320	13 13 31.68	+36 37 42.9	18.3	1190	50.1	0.42	015	369	13 13 34.51	+36 37 16.8	18.4	1320	59.0	0.22	004
321	13 13 31.81	+36 39 00.1	16.9	1770	111	0.24	003	370	13 13 34.60	+36 34 19.3	7.4	306	31.6	0.34	171
322	13 13 31.87	+36 33 32.6	3.6	69.2	19.4	0.30	007	371	13 13 34.91	+36 32 08.8	30.9	4770	169	0.36	051
323	13 13 31.94	+36 37 13.6	7.7	286	30.3	0.22	135	372	13 13 34.92	+36 38 23.8	14.1	757	34.3	0.21	141
324	13 13 31.94	+36 36 58.7	10.4	449	26.4	0.08	031	373	13 13 34.94	+36 38 29.8	11.1	696	47.2	0.43	020
325	13 13 32.00	+36 32 09.9	7.8	317	37.3	0.49	158	374	13 13 35.03	+36 32 03.6	4.0	273	44.8	0.09	111
326	13 13 32.02	+36 37 26.1	4.6	162	21.5	0.58	173	375	13 13 35.27	+36 36 49.7	9.8	375	30.3	0.44	166

TABLE 2—*Continued*

No.	α (J2000)	δ (J2000)	Area (arcsec)^2	Total DN	Peak DN	*e*	P.A. °
376	13 13 35.30	+36 36 27.0	3.3	132	27.9	0.35	028
377	13 13 35.35	+36 34 22.7	3.7	82.0	21.6	0.26	098
378	13 13 35.38	+36 32 09.7	4.9	177	30.9	0.33	032
379	13 13 35.56	+36 37 39.0	18.6	1670	67.0	0.24	100
380	13 13 35.63	+36 36 52.7	7.1	201	19.4	0.50	015
381	13 13 35.64	+36 36 22.5	9.2	371	30.2	0.25	091
382	13 13 35.65	+36 32 05.0	3.3	97.3	25.5	0.46	047
383	13 13 35.70	+36 36 58.2	3.4	71.8	19.1	0.72	030
384	13 13 35.74	+36 36 28.7	15.1	904	43.0	0.45	005
385	13 13 35.74	+36 38 15.7	8.1	316	29.6	0.22	105
386	13 13 35.80	+36 37 33.7	5.8	285	34.7	0.71	064
387	13 13 35.91	+36 37 15.2	4.9	181	26.1	0.43	153
388	13 13 36.07	+36 37 20.0	3.9	138	27.4	0.39	094
389	13 13 36.46	+36 32 12.6	24.9	2980	171	0.47	147
390	13 13 36.74	+36 37 40.8	10.2	469	27.6	0.66	012
391	13 13 36.83	+36 37 25.6	18.1	1560	69.6	0.08	052
392	13 13 37.10	+36 32 17.5	17.5	2150	138	0.14	060
393	13 13 37.43	+36 32 22.2	3.3	110	23.8	0.36	073
394	13 13 37.43	+36 32 22.2	3.7	120	23.8	0.34	072
395	13 13 37.47	+36 37 12.3	4.3	123	24.4	0.45	002
396	13 13 37.71	+36 32 27.1	7.4	626	48.6	0.24	090
397	13 13 37.72	+36 32 37.6	7.1	295	33.7	0.19	097
398	13 13 37.74	+36 35 41.3	6.1	241	27.7	0.63	028
399	13 13 37.74	+36 37 44.4	7.8	389	39.9	0.16	113
400	13 13 37.74	+36 34 49.6	5.2	196	29.9	0.33	136
401	13 13 37.75	+36 36 05.6	16.9	934	46.5	0.42	005
402	13 13 37.80	+36 36 58.9	10.4	522	45.2	0.32	043
403	13 13 37.89	+36 36 44.8	18.3	1030	43.1	0.17	051
404	13 13 37.98	+36 36 08.7	3.9	101	26.1	0.35	060
405	13 13 38.09	+36 32 30.0	20.3	3030	134	0.47	127
406	13 13 38.22	+36 37 23.2	4.0	112	24.4	0.46	032
407	13 13 38.29	+36 37 12.8	9.2	384	28.3	0.67	033
408	13 13 38.37	+36 37 17.9	3.6	136	25.9	0.31	079
409	13 13 38.47	+36 35 27.5	3.6	91.9	26.8	0.44	106
410	13 13 38.48	+36 36 39.8	7.8	384	38.6	0.27	141
411	13 13 38.74	+36 34 46.5	7.4	306	32.3	0.14	136
412	13 13 38.79	+36 32 37.6	6.8	239	25.8	0.14	032
413	13 13 38.88	+36 32 52.3	3.7	89.1	22.3	0.56	116
414	13 13 39.27	+36 33 28.6	7.7	302	45.7	0.50	174
415	13 13 39.35	+36 33 06.5	63.0	26400	508	0.20	064
416	13 13 39.41	+36 32 43.5	4.9	189	38.4	0.63	038
417	13 13 39.76	+36 33 52.5	15.7	1740	94.2	0.47	124
418	13 13 39.81	+36 33 17.5	7.4	492	69.0	0.42	110
419	13 13 40.05	+36 32 56.9	4.6	497	86.1	0.01	074
420	13 13 40.06	+36 34 07.9	4.3	132	28.6	0.25	045
421	13 13 40.13	+36 34 00.8	4.3	124	27.4	0.36	051
422	13 13 40.51	+36 34 17.9	9.8	424	32.4	0.33	062
423	13 13 41.21	+36 33 50.3	12.9	550	26.2	0.41	048

NGC 5427

No.	α (J2000)	δ (J2000)	Area (arcsec)^2	Total DN	Peak DN	*e*	P.A. °
1	14 03 21.28	−06 01 50.3	5.8	69.1	8.61	0.37	112
2	14 03 22.09	−06 01 45.5	3.7	220	25.1	0.24	057
3	14 03 22.35	−06 01 46.7	14.4	1750	53.4	0.54	155
4	14 03 22.41	−06 00 45.2	5.8	84.1	9.35	0.10	112
5	14 03 22.60	−06 01 48.5	8.3	816	39.8	0.39	087
6	14 03 22.62	−06 02 27.8	8.8	100	6.93	0.38	020
7	14 03 22.67	−06 02 39.3	12.8	187	10.5	0.28	168
8	14 03 22.69	−06 01 27.9	13.5	661	33.1	0.39	030
9	14 03 23.10	−06 01 18.0	12.5	176	10.8	0.35	107
10	14 03 23.20	−06 01 35.4	6.7	129	10.5	0.69	073
11	14 03 23.45	−06 01 32.8	4.9	68.9	9.38	0.24	080
12	14 03 23.51	−06 01 08.4	5.5	73.0	9.59	0.16	081
13	14 03 23.54	−06 02 47.3	6.1	59.3	7.62	0.31	149
14	14 03 23.56	−06 01 25.5	22.0	353	9.71	0.47	173
15	14 03 23.56	−06 01 58.9	11.0	851	31.3	0.71	068
16	14 03 23.88	−06 02 33.8	19.9	471	24.9	0.42	117
17	14 03 24.03	−06 02 09.1	14.0	373	22.7	0.20	069
18	14 03 24.06	−06 01 08,2	13.2	548	33.3	0.20	071
19	14 03 24.14	−06 01 03.2	7.6	188	17.0	0.13	052
20	14 03 24.35	−06 02 27.1	14.7	380	22.1	0.18	030
21	14 03 24.50	−06 01 02.1	6.4	142	14.7	0.60	125
22	14 03 24.54	−06 01 08.3	12.8	373	19.5	0.31	043
23	14 03 24.63	−06 01 33.2	3.7	30.3	9.84	0.43	028
24	14 03 24.65	−06 02 11.0	25.4	745	29.9	0.43	079
25	14 03 24.85	−06 01 00.3	4.6	88.7	11.5	0.50	090
26	14 03 24.85	−06 01 47.5	15.6	568	21.2	0.60	161
27	14 03 24.95	−06 02 25.1	8.9	229	19.8	0.33	095
28	14 03 24.99	−06 02 34.9	13.2	671	22.0	0.68	107
29	14 03 25.09	−06 01 36.7	9.5	322	17.4	0.49	164
30	14 03 25.16	−06 02 14.5	9.8	218	15.0	0.26	049
31	14 03 25.18	−06 01 03.7	17.1	605	36.8	0.53	115
32	14 03 25.28	−06 01 57.6	15.9	1880	66.8	0.49	074
33	14 03 25.36	−06 01 30.7	16.2	1180	53.7	0.32	148
34	14 03 25.62	−06 01 25.6	8.5	517	34.6	0.11	065
35	14 03 25.70	−06 01 54.7	16.5	2420	101	0.39	025
36	14 03 25.81	−06 02 34.3	6.4	99.2	11.7	0.34	007
37	14 03 25.82	−06 01 47.8	12.5	1900	109	0.38	118
38	14 03 25.94	−06 01 24.6	11.6	974	60.6	0.20	057
39	14 03 26.00	−06 02 13.5	9.2	613	46.5	0.22	063
40	14 03 26.18	−06 01 01.2	12.5	262	16.3	0.14	080
41	14 03 26.21	−06 01 53.9	7.0	894	58.5	0.55	165
42	14 03 26.27	−06 01 45.8	13.5	1660	60.0	0.02	074
43	14 03 26.29	−06 02 33.7	19.6	881	38.5	0.19	077
44	14 03 26.38	−06 02 16.5	10.4	1270	65.0	0.34	100
45	14 03 26.48	−06 01 23.4	13.2	728	37.6	0.47	095
46	14 03 26.49	−06 01 23.3	8.9	593	37.6	0.46	091
47	14 03 26.59	−06 02 13.5	3.4	228	35.8	0.32	133

TABLE 2—*Continued*

No.	α (J2000)	δ (J2000)	Area (arcsec)^2	Total DN	Peak DN	e	P.A. °
48	14 03 26.68	−06 02 18.5	6.4	153	11.9	0.30	091
49	14 03 26.70	−06 01 02.7	24.7	706	18.1	0.03	120
50	14 03 26.85	−06 01 22.8	3.4	199	26.9	0.26	068
51	14 03 26.86	−06 02 07.1	16.5	1540	40.6	0.53	147
52	14 03 26.93	−06 02 11.0	1.2	39.8	18.7	0.40	089
53	14 03 26.99	−06 01 06.2	8.9	260	19.4	0.06	144
54	14 03 27.10	−06 01 19.8	9.8	1550	100	0.19	109
55	14 03 27.12	−06 01 53.5	6.1	540	40.2	0.23	098
56	14 03 27.35	−06 01 01.8	17.7	458	21.3	0.56	098
57	14 03 27.39	−06 02 23.5	15.6	1240	41.7	0.39	120
58	14 03 27.42	−06 01 24.2	14.4	821	38.5	0.31	120
59	14 03 27.50	−06 02 16.0	11.6	263	15.9	0.25	115
60	14 03 27.64	−06 01 08.2	10.7	208	12.4	0.42	166
61	14 03 27.68	−06 01 15.5	5.8	339	25.8	0.33	154
62	14 03 28.01	−06 02 08.7	9.2	959	55.4	0.28	122
63	14 03 28.04	−06 01 15.9	8.0	678	44.4	0.65	118
64	14 03 28.16	−06 01 31.6	15.6	2130	66.4	0.69	051
65	14 03 28.25	−06 01 40.9	4.3	346	35.7	0.30	007
66	14 03 28.32	−06 02 02.3	32.1	6170	148	0.37	170
67	14 03 28.43	−06 01 48.7	11.9	2260	107	0.17	029
68	14 03 28.44	−06 01 17.2	8.3	784	39.2	0.63	071
69	14 03 28.49	−06 01 54.6	8.6	1000	49.8	0.41	155
70	14 03 28.60	−06 01 43.5	22.3	3470	90.9	0.49	119
71	14 03 28.70	−06 01 10.6	17.4	340	12.9	0.61	043
72	14 03 29.11	−06 01 33.4	8.3	343	26.2	0.11	060
73	14 03 29.17	−06 01 27.2	11.9	839	45.8	0.35	064
74	14 03 29.21	−06 01 47.1	6.1	102	11.0	0.29	179
75	14 03 29.26	−06 01 50.5	4.0	50.1	12.0	0.23	159
76	14 03 29.63	−06 02 11.6	5.8	50.5	5.84	0.41	000
77	14 03 29.66	−06 01 51.1	4.6	43.8	6.82	0.41	029
78	14 03 29.69	−06 02 00.9	8.6	89.7	8.14	0.47	009
			NGC 6300				
1	17 16 40.03	−62 47 42.3	3.3	155	6.02	0.17	146
2	17 16 42.21	−62 48 46.0	2.6	62.2	2.41	0.18	164
3	17 16 43.05	−62 48 45.6	3.5	120	4.03	0.37	119
4	17 16 43.17	−62 48 02.1	4.8	260	9.21	0.11	096
5	17 16 43.94	−62 47 54.4	2.6	112	5.35	0.10	147
6	17 16 46.55	−62 49 08.3	5.8	220	3.96	0.29	071
7	17 16 46.71	−62 48 36.6	1.1	121	8.31	0.19	105
8	17 16 46.72	−62 49 03.9	3.4	172	8.03	0.25	103
9	17 16 46.88	−62 48 39.6	0.8	23.6	2.51	0.21	022
10	17 16 46.90	−62 48 41.9	2.8	145	4.43	0.25	050
11	17 16 47.25	−62 48 28.5	2.9	467	18.6	0.20	110
12	17 16 47.47	−62 49 35.8	4.2	159	5.13	0.02	027
13	17 16 47.55	−62 47 35.1	1.9	65.5	4.21	0.24	070
14	17 16 47.62	−62 48 27.2	2.1	337	12.9	0.29	138
15	17 16 47.72	−62 48 15.7	5.0	159	3.20	0.29	021
16	17 16 47.77	−62 49 05.5	1.1	24.1	3.24	0.57	098
17	17 16 47.87	−62 48 35.2	8.0	1050	23.2	0.15	094
18	17 16 48.12	−62 49 06.9	2.7	70.9	2.53	0.20	151
19	17 16 48.34	−62 48 47.2	3.3	145	4.30	0.20	012
20	17 16 48.68	−62 48 49.0	2.9	76.3	2.69	0.55	174
21	17 16 48.79	−62 49 22.3	2.5	82.9	3.38	0.13	119
22	17 16 48.82	−62 48 44.8	3.9	164	5.57	0.38	108
23	17 16 48.83	−62 49 47.6	4.2	116	2.90	0.53	146
24	17 16 48.89	−62 48 40.4	7.6	439	6.36	0.42	086
25	17 16 48.89	−62 49 06.0	4.1	617	20.5	0.23	088
26	17 16 49.04	−62 48 17.2	6.8	429	8.07	0.54	104
27	17 16 49.28	−62 49 09.0	5.4	551	13.5	0.42	122
28	17 16 49.43	−62 48 23.3	2.6	106	6.37	0.24	061
29	17 16 49.59	−62 48 57.0	1.4	62.1	3.77	0.53	074
30	17 16 49.62	−62 48 45.6	5.6	855	15.7	0.34	118
31	17 16 49.63	−62 49 20.3	4.5	645	18.8	0.14	096
32	17 16 49.76	−62 48 38.1	5.1	1600	48.7	0.18	085
33	17 16 49.80	−62 48 23.4	1.7	48.1	3.50	0.43	053
34	17 16 49.90	−62 48 57.9	2.1	104	4.15	0.20	116
35	17 16 49.90	−62 48 30.7	4.8	641	14.8	0.19	115
36	17 16 50.07	−62 49 23.2	4.7	504	11.8	0.38	130
37	17 16 50.13	−62 48 38.7	0.6	57.4	6.65	0.41	098
38	17 16 50.31	−62 48 20.4	1.8	51.5	3.80	0.35	124
39	17 16 50.59	−62 49 01.0	7.2	1520	36.3	0.15	056
40	17 16 50.65	−62 49 28.0	1.9	43.4	2.98	0.45	134
41	17 16 50.70	−62 49 15.4	4.6	253	9.25	0.23	053
42	17 16 50.86	−62 48 35.6	7.1	2460	49.4	0.23	074
43	17 16 50.97	−62 48 12.1	3.4	166	5.64	0.17	118
44	17 16 51.06	−62 48 29.1	7.2	1990	36.9	0.14	135
45	17 16 51.12	−62 48 24.1	0.9	13.9	2.76	0.38	158
46	17 16 51.20	−62 49 14.8	4.9	256	5.99	0.29	087
47	17 16 51.23	−62 49 05.7	2.0	64.3	3.35	0.50	069
48	17 16 51.23	−62 48 46.8	7.2	1430	31.3	0.12	030
49	17 16 51.45	−62 48 31.6	5.9	1400	41.6	0.20	095
50	17 16 51.49	−62 49 39.9	0.8	14.1	2.50	0.42	119
51	17 16 51.68	−62 48 36.5	1.5	203	13.0	0.39	104
52	17 16 51.68	−62 49 13.0	2.1	110	4.65	0.24	094
53	17 16 51.71	−62 49 28.2	5.3	439	10.7	0.22	104
54	17 16 51.95	−62 48 08.8	3.7	1530	41.6	0.08	010
55	17 16 52.01	−62 49 01.1	2.8	136	5.45	0.22	027
56	17 16 52.03	−62 48 36.5	0.2	14.2	7.45	0.61	148
57	17 16 52.08	−62 49 12.8	2.1	86.8	3.75	0.55	090
58	17 16 52.08	−62 48 19.2	3.3	137	4.90	0.25	115
59	17 16 52.18	−62 48 39.7	0.4	84.9	17.7	0.28	073
60	17 16 52.19	−62 48 59.2	2.1	79.6	4.59	0.58	117
61	17 16 52.39	−62 47 55.3	4.6	196	6.71	0.28	114
62	17 16 52.48	−62 49 13.7	3.1	169	6.22	0.52	080
63	17 16 52.55	−62 48 41.6	4.5	2730	69.8	0.16	138
64	17 16 52.65	−62 49 09.3	5.6	290	8.29	0.22	095

TABLE 2—*Continued*

No.	α (J2000)	δ (J2000)	Area (arcsec)^2	Total DN	Peak DN	e	P.A. °	No.	α (J2000)	δ (J2000)	Area (arcsec)^2	Total DN	Peak DN	e	P.A. °
65	17 16 52.85	−62 48 15.4	10.3	1140	13.6	0.18	127	114	17 16 55.94	−62 50 03.5	4.9	240	5.89	0.08	004
66	17 16 52.87	−62 49 01.7	7.4	472	8.81	0.28	134	115	17 16 55.95	−62 48 15.1	2.9	92.8	3.39	0.44	040
67	17 16 52.89	−62 49 37.3	2.1	62.7	3.72	0.15	109	116	17 16 56.00	−62 48 51.2	2.1	53.7	2.83	0.15	045
68	17 16 52.90	−62 48 55.3	2.1	108	8.98	0.12	008	117	17 16 56.00	−62 49 40.1	3.0	552	21.5	0.11	115
69	17 16 53.02	−62 48 48.9	1.4	38.9	3.10	0.32	130	118	17 16 56.01	−62 49 31.8	5.4	644	18.3	0.36	075
70	17 16 53.03	−62 50 03.4	1.1	16.1	1.98	0.52	067	119	17 16 56.22	−62 48 20.1	3.8	287	9.34	0.23	111
71	17 16 53.06	−62 47 56.3	3.3	101	3.58	0.26	123	120	17 16 56.23	−62 49 45.4	2.6	96.3	4.82	0.34	096
72	17 16 53.12	−62 49 43.5	3.9	563	13.8	0.31	083	121	17 16 56.28	−62 48 14.7	1.1	21.1	2.54	0.48	106
73	17 16 53.55	−62 49 19.8	1.5	101	6.90	0.39	151	122	17 16 56.35	−62 48 24.9	0.7	42.1	6.96	0.42	131
74	17 16 53.63	−62 50 07.2	4.4	171	5.84	0.18	061	123	17 16 56.37	−62 48 35.8	7.1	691	9.66	0.24	005
75	17 16 53.67	−62 48 31.9	0.9	19.0	2.90	0.70	086	124	17 16 56.43	−62 50 06.9	1.9	42.7	3.26	0.15	047
76	17 16 53.70	−62 48 23.2	1.5	56.8	4.92	0.08	161	125	17 16 56.57	−62 48 28.9	1.8	86.5	4.89	0.27	120
77	17 16 53.70	−62 49 05.7	4.3	187	4.20	0.53	088	126	17 16 56.80	−62 49 47.3	6.1	859	27.4	0.11	108
78	17 16 53.73	−62 48 43.4	5.4	480	12.1	0.34	147	127	17 16 56.90	−62 48 47.6	4.6	191	3.62	0.32	142
79	17 16 53.73	−62 49 36.4	1.9	55.7	3.12	0.46	056	128	17 16 56.92	−62 48 13.7	6.1	292	7.20	0.14	173
80	17 16 53.81	−62 49 53.7	1.2	25.3	2.59	0.43	039	129	17 16 56.96	−62 48 44.8	1.7	39.5	2.72	0.41	113
81	17 16 53.82	−62 48 57.0	2.4	376	15.9	0.16	095	130	17 16 57.00	−62 48 26.2	2.0	130	4.92	0.40	173
82	17 16 53.84	−62 48 17.6	2.7	407	12.7	0.31	086	131	17 16 57.02	−62 48 30.1	4.9	462	11.8	0.29	119
83	17 16 53.91	−62 49 20.9	0.9	16.6	3.10	0.77	028	132	17 16 57.12	−62 49 36.8	0.5	47.3	7.64	0.14	167
84	17 16 53.95	−62 49 10.0	1.0	95.3	7.26	0.29	092	133	17 16 57.20	−62 50 10.4	1.1	16.2	3.11	0.23	129
85	17 16 53.98	−62 49 56.8	1.5	29.6	2.12	0.51	052	134	17 16 57.27	−62 48 39.8	1.5	51.2	3.93	0.29	153
86	17 16 54.08	−62 49 53.6	1.6	38.4	2.96	0.62	158	135	17 16 57.29	−62 49 50.0	3.2	148	4.55	0.28	086
87	17 16 54.13	−62 49 13.3	1.8	208	11.1	0.23	131	136	17 16 57.31	−62 48 41.7	0.9	14.4	2.45	0.18	097
88	17 16 54.14	−62 49 24.5	2.6	81.6	3.62	0.73	115	137	17 16 57.51	−62 48 17.2	2.6	99.2	4.31	0.51	082
89	17 16 54.17	−62 48 35.1	0.9	23.2	2.85	0.67	091	138	17 16 57.57	−62 50 04.7	2.1	74.6	3.51	0.42	098
90	17 16 54.18	−62 48 12.4	1.1	92.5	7.43	0.13	149	139	17 16 57.63	−62 48 28.0	4.2	375	11.4	0.02	121
91	17 16 54.27	−62 48 33.6	0.7	58.7	6.67	0.35	015	140	17 16 57.63	−62 49 37.6	3.0	878	24.4	0.34	119
92	17 16 54.42	−62 47 59.1	3.7	136	3.52	0.36	169	141	17 16 57.78	−62 49 26.2	1.9	53.0	3.03	0.14	111
93	17 16 54.44	−62 48 27.2	2.0	266	11.6	0.33	119	142	17 16 57.82	−62 48 35.1	2.5	107	5.32	0.46	098
94	17 16 54.49	−62 48 37.2	5.3	269	4.83	0.47	109	143	17 16 57.90	−62 48 41.9	4.5	186	4.70	0.20	118
95	17 16 54.49	−62 49 22.6	3.3	122	4.06	0.22	017	144	17 16 57.93	−62 48 10.6	7.5	696	14.7	0.09	077
96	17 16 54.50	−62 48 41.1	5.6	264	5.98	0.38	121	145	17 16 58.00	−62 48 25.9	1.5	39.0	2.39	0.30	000
97	17 16 54.50	−62 48 30.4	4.0	904	20.3	0.27	012	146	17 16 58.25	−62 49 39.7	8.1	1480	17.6	0.43	107
98	17 16 54.56	−62 48 14.7	2.5	199	6.41	0.74	070	147	17 16 58.26	−62 50 04.8	6.6	723	12.8	0.11	010
99	17 16 54.56	−62 49 40.4	3.2	101	3.06	0.28	130	148	17 16 58.62	−62 48 33.2	3.8	250	10.7	0.16	139
100	17 16 54.72	−62 49 53.8	1.5	33.6	2.89	0.22	092	149	17 16 58.63	−62 48 24.0	4.2	213	6.56	0.19	066
101	17 16 54.96	−62 49 27.4	6.1	209	3.42	0.39	172	150	17 16 58.77	−62 49 52.6	1.7	31.8	2.05	0.24	095
102	17 16 55.00	−62 49 13.0	1.1	32.0	3.99	0.49	081	151	17 16 58.85	−62 48 28.9	4.6	296	7.76	0.05	016
103	17 16 55.06	−62 48 46.9	1.2	24.6	3.22	0.52	065	152	17 16 58.87	−62 49 43.6	4.6	370	11.3	0.43	099
104	17 16 55.08	−62 49 43.7	1.0	15.6	2.12	0.26	112	153	17 16 58.90	−62 48 38.7	8.1	1700	32.0	0.29	139
105	17 16 55.30	−62 49 22.3	1.8	59.0	3.97	0.10	141	154	17 16 58.93	−62 49 40.6	4.7	762	18.2	0.38	095
106	17 16 55.38	−62 49 56.1	1.6	32.3	1.84	0.50	133	155	17 16 59.05	−62 49 54.8	2.5	74.7	4.05	0.13	109
107	17 16 55.46	−62 49 18.9	1.4	31.8	2.64	0.29	101	156	17 16 59.23	−62 49 50.1	1.0	17.0	2.27	0.24	065
108	17 16 55.57	−62 48 35.0	1.1	18.1	1.94	0.28	105	157	17 16 59.27	−62 48 29.3	0.6	69.2	10.3	0.34	087
109	17 16 55.63	−62 48 23.4	6.1	748	15.0	0.21	109	158	17 16 59.51	−62 48 09.1	1.4	25.4	2.20	0.17	157
110	17 16 55.75	−62 48 27.9	2.7	190	10.2	0.13	056	159	17 16 59.51	−62 49 48.3	3.2	127	4.82	0.40	087
111	17 16 55.86	−62 49 24.3	3.3	90.6	2.77	0.20	094	160	17 16 59.53	−62 48 22.3	7.1	413	9.85	0.14	077
112	17 16 55.90	−62 48 08.5	2.2	49.0	2.24	0.43	083	161	17 16 59.65	−62 48 29.8	1.2	520	27.0	0.53	068
113	17 16 55.93	−62 49 37.3	3.9	639	15.4	0.13	167	162	17 16 59.86	−62 49 42.5	3.4	267	6.81	0.62	043

TABLE 2—*Continued*

No.	α (J2000)	δ (J2000)	Area (arcsec)^2	Total DN	Peak DN	e	P.A. °	No.	α (J2000)	δ (J2000)	Area (arcsec)^2	Total DN	Peak DN	e	P.A. °
163	17 16 59.88	−62 48 38.1	8.5	1650	26.4	0.26	094	212	17 17 03.36	−62 49 31.1	3.7	152	6.03	0.27	074
164	17 17 00.00	−62 48 30.9	3.0	1990	63.0	0.19	097	213	17 17 03.38	−62 48 32.2	3.3	82.7	3.25	0.34	116
165	17 17 00.08	−62 48 22.7	5.1	388	10.7	0.05	056	214	17 17 03.40	−62 49 44.9	0.9	16.4	3.25	0.13	135
166	17 17 00.12	−62 49 44.6	0.9	64.9	6.82	0.13	178	215	17 17 03.58	−62 48 58.7	6.2	1250	31.4	0.31	108
167	17 17 00.17	−62 48 45.4	3.1	113	4.24	0.24	075	216	17 17 03.68	−62 48 40.1	3.7	155	4.16	0.39	137
168	17 17 00.22	−62 48 51.4	7.9	383	4.61	0.21	017	217	17 17 03.79	−62 47 49.0	5.3	216	4.94	0.41	092
169	17 17 00.25	−62 49 55.6	12.2	1100	17.1	0.29	107	218	17 17 03.92	−62 48 57.6	1.1	75.6	7.13	0.17	078
170	17 17 00.34	−62 48 30.6	0.8	256	23.2	0.71	082	219	17 17 04.26	−62 48 44.3	15.0	2990	52.5	0.12	116
171	17 17 00.35	−62 49 00.7	15.2	1030	15.0	0.19	067	220	17 17 04.29	−62 49 47.6	10.4	1080	23.5	0.34	003
172	17 17 00.40	−62 49 37.1	2.5	93.6	4.80	0.32	109	221	17 17 04.35	−62 49 53.6	3.2	131	5.85	0.53	078
173	17 17 00.52	−62 48 44.1	2.7	112	6.24	0.61	011	222	17 17 04.43	−62 48 32.7	8.1	611	9.39	0.26	130
174	17 17 00.52	−62 50 20.2	4.3	199	6.09	0.30	062	223	17 17 04.49	−62 50 03.0	5.8	2130	42.3	0.20	142
175	17 17 00.74	−62 47 58.9	1.4	25.5	1.89	0.44	118	224	17 17 04.54	−62 49 59.0	3.1	295	10.9	0.21	025
176	17 17 00.78	−62 48 31.8	0.7	76.3	8.42	0.17	111	225	17 17 04.88	−62 47 39.4	1.8	35.5	1.90	0.26	105
177	17 17 00.78	−62 49 47.6	0.8	69.1	8.18	0.34	173	226	17 17 04.89	−62 49 42.5	2.7	85.7	4.27	0.08	032
178	17 17 00.79	−62 48 46.4	6.0	403	10.7	0.40	001	227	17 17 04.94	−62 50 04.1	1.8	531	21.8	0.06	157
179	17 17 00.83	−62 48 57.6	0.7	14.0	3.50	0.56	080	228	17 17 05.08	−62 48 33.4	0.9	28.1	3.46	0.43	078
180	17 17 00.84	−62 50 12.0	6.2	218	3.70	0.57	163	229	17 17 05.09	−62 48 47.1	1.9	58.4	3.94	0.53	136
181	17 17 00.99	−62 49 58.2	6.7	529	12.1	0.05	093	230	17 17 05.14	−62 50 02.5	1.9	600	26.0	0.36	078
182	17 17 01.10	−62 49 45.6	2.5	341	12.1	0.41	078	231	17 17 05.20	−62 50 10.8	1.6	49.3	4.60	0.58	070
183	17 17 01.12	−62 50 04.3	1.0	22.1	3.19	0.51	140	232	17 17 05.24	−62 49 34.9	2.1	69.2	3.82	0.13	147
184	17 17 01.51	−62 48 56.1	1.5	43.0	4.07	0.31	098	233	17 17 05.25	−62 49 09.4	6.5	1820	44.5	0.10	081
185	17 17 01.55	−62 49 47.8	1.9	86.0	5.19	0.18	113	234	17 17 05.33	−62 50 17.3	1.8	68.6	3.89	0.41	062
186	17 17 01.56	−62 50 00.1	2.3	70.9	3.46	0.31	032	235	17 17 05.35	−62 49 00.4	1.1	16.4	2.43	0.66	113
187	17 17 01.89	−62 48 48.7	12.4	1860	32.9	0.20	102	236	17 17 05.36	−62 49 51.0	6.1	421	13.9	0.30	121
188	17 17 02.03	−62 49 45.2	0.9	15.3	2.54	0.18	044	237	17 17 05.58	−62 49 24.8	4.0	129	3.67	0.55	031
189	17 17 02.20	−62 48 16.5	5.0	237	5.97	0.33	062	238	17 17 05.65	−62 48 59.3	1.4	33.4	2.09	0.37	061
190	17 17 02.21	−62 49 15.0	2.0	49.9	2.86	0.48	135	239	17 17 05.66	−62 49 11.6	2.3	352	12.0	0.21	118
191	17 17 02.23	−62 50 26.3	1.7	38.0	2.13	0.23	158	240	17 17 05.67	−62 49 29.2	6.2	476	12.1	0.11	159
192	17 17 02.25	−62 48 52.9	2.2	119	7.77	0.23	122	241	17 17 05.82	−62 48 55.1	1.7	45.7	3.60	0.14	038
193	17 17 02.26	−62 50 17.0	1.3	24.3	2.58	0.46	127	242	17 17 05.89	−62 49 58.1	7.1	611	12.7	0.55	088
194	17 17 02.37	−62 48 36.8	5.0	244	6.86	0.20	143	243	17 17 06.05	−62 50 11.6	3.6	110	3.41	0.47	141
195	17 17 02.53	−62 49 16.0	1.0	16.2	2.96	0.35	070	244	17 17 06.06	−62 49 19.2	5.2	848	17.3	0.10	098
196	17 17 02.61	−62 48 54.2	4.8	324	11.2	0.23	110	245	17 17 06.07	−62 49 51.4	3.0	113	4.48	0.39	083
197	17 17 02.82	−62 50 13.4	0.8	13.6	2.70	0.25	125	246	17 17 06.22	−62 49 14.5	1.0	21.4	2.54	0.45	012
198	17 17 02.82	−62 48 28.6	14.7	678	6.30	0.29	098	247	17 17 06.31	−62 48 36.7	6.6	373	8.41	0.24	104
199	17 17 02.87	−62 50 17.2	1.4	41.3	3.47	0.23	136	248	17 17 06.33	−62 49 03.3	4.6	170	4.25	0.39	022
200	17 17 02.95	−62 47 44.3	1.4	27.8	2.90	0.24	106	249	17 17 06.46	−62 49 33.6	4.9	286	7.97	0.28	106
201	17 17 02.98	−62 50 22.6	1.1	19.5	3.23	0.41	160	250	17 17 06.60	−62 49 30.1	2.1	71.6	5.07	0.25	029
202	17 17 03.10	−62 48 48.2	2.1	79.9	4.29	0.20	124	251	17 17 06.61	−62 49 07.6	6.3	245	5.22	0.26	159
203	17 17 03.12	−62 49 39.9	5.8	511	11.6	0.20	111	252	17 17 06.69	−62 50 25.1	5.3	195	3.91	0.60	081
204	17 17 03.14	−62 48 56.8	4.2	348	11.7	0.11	082	253	17 17 06.69	−62 48 57.9	1.6	46.0	3.00	0.22	118
205	17 17 03.15	−62 48 56.8	3.9	326	11.7	0.11	070	254	17 17 06.73	−62 49 20.2	5.9	1150	17.7	0.52	115
206	17 17 03.16	−62 49 52.6	2.3	1180	48.4	0.17	104	255	17 17 06.76	−62 50 01.0	8.9	2620	32.3	0.20	042
207	17 17 03.21	−62 47 47.9	1.0	13.8	1.93	0.35	174	256	17 17 06.90	−62 48 33.1	10.4	571	7.25	0.24	121
208	17 17 03.22	−62 50 01.8	7.2	1020	30.3	0.13	080	257	17 17 07.03	−62 49 34.5	4.8	1090	26.8	0.07	095
209	17 17 03.30	−62 50 34.3	6.1	261	6.57	0.08	056	258	17 17 07.16	−62 50 04.3	3.9	324	8.45	0.28	064
210	17 17 03.32	−62 49 54.2	0.4	81.3	16.3	0.59	063	259	17 17 07.19	−62 49 40.1	6.0	575	16.3	0.10	078
211	17 17 03.35	−62 49 18.2	1.0	19.5	2.92	0.34	069	260	17 17 07.28	−62 50 21.6	1.1	17.7	2.08	0.60	090

TABLE 2—*Continued*

No.	α (J2000)	δ (J2000)	Area (arcsec)^2	Total DN	Peak DN	e	P.A. °
261	17 17 07.31	−62 50 01.1	2.7	275	10.1	0.39	080
262	17 17 07.31	−62 49 03.5	6.2	367	8.16	0.29	094
263	17 17 07.32	−62 49 36.7	2.3	344	13.4	0.25	123
264	17 17 07.44	−62 48 20.1	2.3	82.8	5.53	0.05	078
265	17 17 07.46	−62 50 46.4	4.0	137	3.63	0.27	103
266	17 17 07.52	−62 49 43.1	1.7	49.9	4.79	0.37	087
267	17 17 07.53	−62 49 53.5	3.1	114	3.71	0.35	015
268	17 17 07.56	−62 49 48.6	4.0	325	8.30	0.51	118
269	17 17 07.69	−62 50 44.8	1.3	27.5	2.72	0.46	046
270	17 17 07.71	−62 49 40.1	0.9	14.0	2.88	0.56	094
271	17 17 07.75	−62 48 23.2	2.0	45.7	3.15	0.28	150
272	17 17 07.75	−62 48 25.5	2.8	80.4	4.25	0.14	123
273	17 17 07.75	−62 50 08.4	9.3	1600	31.0	0.14	129
274	17 17 07.76	−62 49 15.9	11.4	1340	24.9	0.14	082
275	17 17 07.78	−62 49 27.7	2.6	238	8.75	0.21	103
276	17 17 07.85	−62 49 50.9	1.5	104	5.11	0.31	067
277	17 17 08.04	−62 49 54.1	2.6	69.7	3.70	0.53	016
278	17 17 08.09	−62 49 27.0	0.7	38.2	4.73	0.63	128
279	17 17 08.16	−62 49 39.0	5.7	529	10.1	0.50	149
280	17 17 08.45	−62 48 27.3	3.3	85.5	3.75	0.39	089
281	17 17 08.51	−62 49 27.8	1.7	51.8	3.42	0.27	098
282	17 17 08.82	−62 48 56.1	2.0	52.9	3.23	0.30	025
283	17 17 08.85	−62 49 22.5	2.6	807	27.6	0.14	072
284	17 17 08.98	−62 49 43.8	0.8	28.1	5.04	0.45	153
285	17 17 09.07	−62 50 21.4	2.2	54.3	3.05	0.15	001
286	17 17 09.11	−62 49 20.6	1.1	211	12.8	0.15	031
287	17 17 09.13	−62 50 10.0	1.1	54.5	9.05	0.07	129
288	17 17 09.44	−62 50 19.6	0.8	12.3	3.48	0.55	044
289	17 17 09.69	−62 49 37.9	10.5	2270	44.8	0.22	115
290	17 17 09.76	−62 50 01.3	5.5	460	13.2	0.05	138
291	17 17 09.91	−62 50 45.5	7.6	292	4.40	0.29	085
292	17 17 10.03	−62 49 10.3	2.0	61.8	2.84	0.52	043
293	17 17 10.29	−62 49 32.4	1.7	56.3	4.00	0.40	094
294	17 17 10.38	−62 48 39.0	2.8	74.6	3.07	0.30	120
295	17 17 10.57	−62 50 01.8	1.8	57.4	7.15	0.42	101
296	17 17 10.58	−62 49 47.9	9.9	452	6.47	0.22	010
297	17 17 11.01	−62 49 33.5	3.6	120	3.12	0.20	155
298	17 17 11.09	−62 50 01.8	9.7	394	3.92	0.43	036
299	17 17 11.21	−62 49 51.7	0.9	29.1	4.08	0.12	112
300	17 17 11.25	−62 49 29.5	2.8	102	4.19	0.07	029
301	17 17 11.32	−62 50 08.0	0.8	19.8	2.92	0.44	115
302	17 17 11.41	−62 50 09.1	0.9	30.0	3.48	0.58	092
303	17 17 11.47	−62 49 49.8	4.5	570	12.6	0.08	033
304	17 17 11.64	−62 49 36.7	2.7	73.9	2.69	0.54	044
305	17 17 11.67	−62 48 44.1	7.2	325	5.91	0.31	133
306	17 17 11.82	−62 49 22.9	1.6	38.5	3.07	0.64	069
307	17 17 11.86	−62 49 41.4	9.1	448	7.44	0.54	156
308	17 17 11.91	−62 50 36.2	5.2	159	4.41	0.28	000
309	17 17 12.62	−62 50 19.2	7.6	628	13.3	0.12	080
310	17 17 12.66	−62 50 22.9	2.2	54.9	2.57	0.30	114
311	17 17 13.08	−62 50 02.3	1.2	136	8.65	0.45	063
312	17 17 13.11	−62 49 59.7	1.8	52.2	2.91	0.22	132
313	17 17 13.50	−62 48 58.1	1.7	39.1	3.21	0.28	132
314	17 17 13.59	−62 50 10.6	5.9	485	11.2	0.19	157
315	17 17 13.66	−62 50 14.5	2.5	62.8	2.76	0.47	058
316	17 17 14.31	−62 50 17.3	3.6	109	3.15	0.42	021
317	17 17 14.31	−62 50 12.3	5.1	201	6.11	0.43	015
			NGC 6814				
1	19 42 34.31	−10 19 03.8	2.9	277	164	0.50	031
2	19 42 35.06	−10 20 04.4	3.5	194	38.4	0.43	079
3	19 42 35.43	−10 19 30.4	3.2	134	36.6	0.11	070
4	19 42 35.83	−10 19 48.4	3.2	223	50.9	0.03	126
5	19 42 35.99	−10 18 31.7	14.1	1710	82.6	0.46	030
6	19 42 36.00	−10 19 32.6	5.1	410	51.1	0.41	065
7	19 42 36.12	−10 19 16.0	15.6	2370	121	0.16	003
8	19 42 36.15	−10 20 34.8	4.4	265	44.3	0.32	082
9	19 42 36.20	−10 19 26.0	3.2	129	38.9	0.34	033
10	19 42 36.46	−10 19 01.7	5.4	383	45.5	0.48	076
11	19 42 36.73	−10 20 27.3	3.9	196	34.7	0.55	117
12	19 42 36.86	−10 18 22.3	5.1	552	68.7	0.19	103
13	19 42 36.94	−10 19 16.5	9.3	1780	167	0.19	086
14	19 42 37.15	−10 20 05.7	9.6	906	62.6	0.08	024
15	19 42 37.68	−10 19 10.7	4.5	912	101	0.35	093
16	19 42 37.81	−10 19 04.0	2.6	128	49.0	0,31	088
17	19 42 37.83	−10 19 31.9	1.6	63.3	55.6	0.33	023
18	19 42 37.96	−10 20 42.4	4.8	351	50.2	0.27	053
19	19 42 38.04	−10 19 10.7	15.0	6680	377	0.16	015
20	19 42 38.04	−10 18 59.0	2.2	115	44.8	0.42	016
21	19 42 38.15	−10 19 04.7	10.5	1310	86.9	0.24	028
22	19 42 38.22	−10 19 56.3	10.6	1070	65.2	0.32	044
23	19 42 38.31	−10 19 38.4	2.6	88.1	29.6	0.26	134
24	19 42 38.43	−10 19 26.2	6.4	643	116	0.58	076
25	19 42 38.47	−10 19 57.8	2.5	123	41.2	0.56	022
26	19 42 38.50	−10 20 41.6	8.9	767	60.2	0.25	049
27	19 42 38.55	−10 18 53.2	4.2	797	129	0.20	003
28	19 42 38.60	−10 19 19.3	3.5	338	54.1	0.16	126
29	19 42 38.69	−10 18 57.7	12.4	5240	403	0.19	076
30	19 42 38.72	−10 18 50.2	3.2	247	80.4	0.49	121
31	19 42 38.75	−10 19 13.3	2.9	123	34.2	0.26	031
32	19 42 38.76	−10 19 34.9	9.6	1270	110	0.09	126
33	19 42 38.88	−10 19 40.5	6.4	887	71.2	0.57	116
34	19 42 38.89	−10 19 44.2	2.9	273	53.7	0.35	111
35	19 42 38.94	−10 19 48.1	7.3	1110	88.4	0.29	094
36	19 42 38.95	−10 19 21.0	4.8	596	89.5	0.15	146
37	19 42 38.97	−10 19 17.5	5.7	491	64.9	0.33	112
38	19 42 39.03	−10 19 57.3	3.5	263	55.3	0.40	087

TABLE 2—*Continued*

No.	α (J2000)	δ (J2000)	Area (arcsec)^2	Total DN	Peak DN	e	P.A. °
39	19 42 39.09	−10 18 56.5	1.6	200	91.9	0.39	110
40	19 42 39.12	−10 19 38.1	3.8	279	45.6	0.38	095
41	19 42 39.17	−10 19 41.4	3.2	138	39.5	0.43	160
42	19 42 39.22	−10 19 34.6	3.5	256	66.4	0.33	047
43	19 42 39.25	−10 20 20.1	1.9	109	71.7	0.23	038
44	19 42 39.26	−10 19 54.7	13.7	2740	195	0.14	029
45	19 42 39.27	−10 19 08.5	1.6	101	54.7	0.83	018
46	19 42 39.51	−10 20 07.6	2.2	69.1	39.3	0.06	022
47	19 42 39.53	−10 19 57.8	6.4	561	54.8	0.19	124
48	19 42 39.59	−10 18 53.5	7.0	1710	167	0.49	061
49	19 42 39.61	−10 19 08.3	5.1	635	73.4	0.41	145
50	19 42 39.73	−10 20 17.3	4.2	320	62.2	0.01	160
51	19 42 39.74	−10 20 01.3	3.9	355	61.1	0.24	061
52	19 42 39.78	−10 19 38.1	5.4	526	62.3	0.19	097
53	19 42 39.80	−10 18 55.9	4.5	900	132	0.16	152
54	19 42 39.81	−10 19 02.1	3.5	199	47.6	0.56	003
55	19 42 39.84	−10 19 04.7	2.6	91.2	34.6	0.34	134
56	19 42 39.87	−10 18 52.6	3.2	571	105	0.41	127
57	19 42 39.89	−10 19 33.4	3.5	217	62.4	0.37	056
58	19 42 40.06	−10 19 57.9	1.9	82.5	54.9	0.29	086
59	19 42 40.10	−10 18 36.9	8.9	924	67.6	0.15	129
60	19 42 40.15	−10 19 01.0	2.9	158	49.4	0.65	140
61	19 42 40.16	−10 18 53.6	9.5	4010	298	0.51	007
62	19 42 40.21	−10 19 42.3	3.2	154	36.9	0.22	129
63	19 42 40.34	−10 19 04.6	13.4	5100	649	0.33	047
64	19 42 40.41	−10 18 37.0	7.0	515	38.1	0.46	050
65	19 42 40.55	−10 19 43.7	8.0	827	64.6	0.53	140
66	19 42 40.58	−10 18 55.8	6.1	441	44.6	0.42	000
67	19 42 40.66	−10 20 55.4	9.6	674	44.3	0.62	178
68	19 42 40.66	−10 18 50.2	2.9	345	76.1	0.23	106
69	19 42 40.69	−10 18 08.0	7.7	660	61.1	0.55	105
70	19 42 40.70	−10 19 07.3	2.6	121	35.0	0.29	013
71	19 42 40.78	−10 19 54.3	15.3	2340	108	0.23	119
72	19 42 40.90	−10 18 54.4	8.9	1830	106	0.43	120
73	19 42 40.92	−10 18 37.2	4.8	406	61.5	0.04	011
74	19 42 40.94	−10 17 48.5	4.8	315	48.1	0.26	034
75	19 42 40.97	−10 19 44.1	23.8	3620	128	0.21	154
76	19 42 40.98	−10 19 09.0	1.9	84.7	57.9	0.11	179
77	19 42 41.07	−10 18 59.7	2.6	335	60.5	0.31	077
78	19 42 41.11	−10 18 47.0	8.3	703	59.5	0.62	025
79	19 42 41.17	−10 19 13.5	4.8	639	102	0.15	077
80	19 42 41.28	−10 20 48.9	5.1	326	33.7	0.39	163
81	19 42 41.45	−10 19 01.2	2.6	157	47.4	0.24	126
82	19 42 41.48	−10 20 34.0	4.8	415	56.7	0.32	008
83	19 42 41.54	−10 19 16.9	2.9	205	56.0	0.21	174
84	19 42 41.57	−10 19 58.5	3.2	151	42.0	0.39	128
85	19 42 41.59	−10 19 38.8	1.6	116	58.4	0.37	103
86	19 42 41.62	−10 18 37.5	3.5	246	41.9	0.30	097
87	19 42 41.77	−10 19 05.8	7.7	793	82.9	0.57	138
88	19 42 41.87	−10 19 34.7	23.3	3900	167	0.27	046
89	19 42 41.90	−10 18 55.8	14.4	1820	101	0.46	119
90	19 42 41.91	−10 19 55.4	4.5	227	33.8	0.68	167
91	19 42 41.98	−10 19 50.4	18.2	3190	157	0.15	111
92	19 42 42.30	−10 19 26.1	23.0	6290	301	0.18	027
93	19 42 42.31	−10 19 26.1	18.6	5950	301	0.17	030
94	19 42 42.40	−10 19 44.2	3.8	422	62.3	0.44	047
95	19 42 42.45	−10 19 12.2	10.2	2470	141	0.55	049
96	19 42 42.45	−10 19 04.5	3.5	178	35.6	0.48	091
97	19 42 42.48	−10 18 15.4	2.2	101	44.6	0.54	168
98	19 42 42.49	−10 20 07.1	2.5	142	45.9	0.43	156
99	19 42 42.55	−10 19 50.6	5.7	765	64.0	0.44	121
100	19 42 42.58	−10 18 59.3	6.7	2390	261	0.19	098
101	19 42 42.58	−10 18 59.3	10.2	2680	261	0.13	102
102	19 42 42.59	−10 19 21.9	1.9	104	56.7	0.24	138
103	19 42 42.64	−10 19 09.8	1.3	131	80.1	0.58	156
104	19 42 42.70	−10 19 27.2	4.2	292	51.6	0.29	032
105	19 42 42.71	−10 19 27.1	1.6	89.8	51.6	0.17	054
106	19 42 42.74	−10 19 45.4	15.4	4630	297	0.02	177
107	19 42 42.81	−10 19 07.4	6.7	1610	147	0.39	105
108	19 42 43.02	−10 18 51.7	3.2	238	49.3	0.29	088
109	19 42 43.03	−10 19 14.0	7.3	599	45.1	0.40	122
110	19 42 43.04	−10 19 22.1	6.4	676	78.1	0.20	077
111	19 42 43.04	−10 19 21.9	3.5	445	78.1	0.00	067
112	19 42 43.21	−10 19 40.0	2.9	198	50.3	0.22	105
113	19 42 43.21	−10 20 28.2	4.2	237	47.8	0.50	040
114	19 42 43.27	−10 19 35.7	5.1	924	79.7	0.24	049
115	19 42 43.28	−10 19 54.6	7.3	1050	96.3	0.11	058
116	19 42 43.31	−10 20 21.6	6.7	493	41.7	0.41	118
117	19 42 43.32	−10 19 30.7	8.9	2080	131	0.44	004
118	19 42 43.36	−10 20 12.1	5.1	404	61.0	0.15	045
119	19 42 43.37	−10 18 33.7	9.6	846	60.7	0.18	052
120	19 42 43.55	−10 19 43.9	7.0	902	101	0.09	013
121	19 42 43.58	−10 19 49.6	7.3	783	75.4	0.22	179
122	19 42 43.91	−10 19 40.0	5.4	557	68.0	0.04	131
123	19 42 44.01	−10 19 07.6	13.3	2100	135	0.22	102
124	19 42 44.09	−10 20 12.2	6.1	474	65.4	0.04	096
125	19 42 44.36	−10 19 00.8	4.1	282	39.7	0.25	091
126	19 42 44.36	−10 19 15.5	2.9	142	36.9	0.32	021
127	19 42 44.82	−10 18 58.8	12.8	1430	71.5	0.37	137
128	19 42 44.95	−10 19 05.9	3.5	164	31.9	0.29	070
129	19 42 45.74	−10 20 07.0	3.8	203	36.0	0.51	052
130	19 42 47.08	−10 19 44.8	4.5	302	46.7	0.40	140
131	19 42 47.30	−10 18 11.4	2.2	69.1	33.7	0.50	011
			NGC 7213				
1	22 09 13.14	−47 09 54.4	6.4	683	31.6	0.23	042
2	22 09 13.46	−47 09 58.9	1.5	93.6	19.9	0.72	159

TABLE 2—*Continued*

No.	α (J2000)	δ (J2000)	Area (arcsec)^2	Total DN	Peak DN	e	P.A. °
3	22 09 13.64	−47 10 09.4	1.9	1080	129	0.03	070
4	22 09 13.64	−47 10 29.5	1.3	90.0	26.7	0.31	028
5	22 09 13.75	−47 10 07.7	0.9	505	114	0.50	045
6	22 09 13.89	−47 10 14.4	9.6	979	34.6	0.29	172
7	22 09 14.14	−47 10 28.3	1.7	132	21.5	0.49	103
8	22 09 14.18	−47 09 46.8	4.6	4060	249	0.17	023
9	22 09 14.40	−47 09 44.7	0.8	501	138	0.58	071
10	22 09 14.68	−47 09 41.4	2.7	688	62.5	0.51	045
11	22 09 14.82	−47 09 38.8	1.7	410	57.3	0.26	023
12	22 09 15.19	−47 10 28.9	4.7	591	42.2	0.35	089
13	22 09 15.44	−47 10 16.6	8.3	952	39.4	0.49	126
14	22 09 15.57	−47 09 31.5	8.4	2350	124	0.20	087
15	22 09 15.71	−47 10 29.3	2.5	268	33.6	0.19	142
16	22 09 15.80	−47 09 35.2	2.4	292	34.6	0.43	087
17	22 09 16.11	−47 09 39.2	1.7	123	21.6	0.39	066
18	22 09 16.15	−47 09 33.1	9.7	1900	65.3	0.22	104
19	22 09 16.36	−47 10 28.2	3.8	888	52.0	0.61	075
20	22 09 16.36	−47 10 20.9	7.3	1360	76.6	0.29	097
21	22 09 16.61	−47 09 36.8	4.9	743	42.0	0.27	141
22	22 09 17.13	−47 10 23.9	7.3	1040	50.6	0.26	144
23	22 09 17.26	−47 09 38.0	4.2	569	41.0	0.42	141
24	22 09 17.31	−47 09 29.8	1.0	69.8	21.7	0.47	049
25	22 09 17.56	−47 10 00.6	3.0	275	29.4	0.52	027
26	22 09 17.59	−47 09 52.2	1.7	146	30.7	0.43	133
27	22 09 17.72	−47 09 31.3	7.0	1580	107	0.12	130
28	22 09 17.81	−47 10 19.2	14.1	4300	197	0.21	064
29	22 09 17.90	−47 09 41.9	1.3	87.3	20.5	0.49	048
30	22 09 18.12	−47 09 44.0	2.6	212	22.6	0.30	097
31	22 09 18.32	−47 09 38.5	10.5	2180	95.6	0.28	121
32	22 09 18.42	−47 10 15.0	1.0	195	47.2	0.45	000
33	22 09 18.45	−47 09 53.7	7.3	1530	73.6	0.27	172
34	22 09 18.47	−47 09 24.2	10.7	2940	142	0.17	079
35	22 09 18.50	−47 10 06.3	2.6	232	29.0	0.35	088
36	22 09 18.78	−47 09 59.3	1.9	196	33.4	0.32	085
37	22 09 18.83	−47 10 15.3	5.6	733	39.2	0.34	073
38	22 09 19.12	−47 10 15.5	2.1	182	25.7	0.22	002
39	22 09 19.63	−47 10 05.2	6.8	2410	119	0.18	098
			NGC 7314				
1	22 35 42.26	−26 03 20.5	8.3	213	28.6	0.33	173
2	22 35 42.72	−26 04 25.2	4.5	120	36.9	0.27	036
3	22 35 42.77	−26 03 31.8	8.6	226	28.3	0.54	065
4	22 35 43.01	−26 02 55.9	6.0	134	22.8	0.18	009
5	22 35 43.06	−26 02 50.3	5.1	103	21.9	0.27	041
6	22 35 43.09	−26 03 12.2	20.8	3230	194	0.19	120
7	22 35 43.14	−26 03 27.7	5.7	123	27.9	0.67	027
8	22 35 43.27	−26 03 39.8	32.3	4960	135	0.21	005
9	22 35 43.74	−26 03 06.4	8.0	403	54.2	0.34	171
10	22 35 43.75	−26 01 27.0	5.4	138	24.5	0.38	085
11	22 35 43.84	−26 03 46.4	8.0	1120	68.9	0.62	072
12	22 35 43.92	−26 04 21.6	13.1	363	27.3	0.48	051
13	22 35 44.09	−26 01 39.4	24.0	1710	81.6	0.20	152
14	22 35 44.14	−26 03 30.7	21.1	3050	176	0.14	029
15	22 35 44.27	−26 02 45.2	7.3	603	76.8	0.01	040
16	22 35 44.34	−26 03 08.6	7.7	440	60.6	0.36	131
17	22 35 44.35	−26 03 01.2	8.2	242	28.4	0.21	053
18	22 35 44.47	−26 02 37.5	6.7	1410	169	0.14	081
19	22 35 44.48	−26 02 49.4	34.2	5600	214	0.39	031
20	22 35 44.49	−26 03 41.9	8.0	292	43.7	0.40	070
21	22 35 44.52	−26 02 57.0	4.2	136	29.5	0.28	050
22	22 35 44.53	−26 04 23.2	8.8	438	41.3	0.15	056
23	22 35 44.58	−26 03 24.5	10.2	776	71.1	0.24	014
24	22 35 44.64	−26 02 40.6	6.1	1060	140	0.21	118
25	22 35 44.66	−26 04 27.7	9.6	458	50.5	0.12	074
26	22 35 44.70	−26 04 03.9	15.5	1280	69.0	0.52	095
27	22 35 44.76	−26 01 47.3	6.7	360	51.1	0.32	178
28	22 35 44.85	−26 02 29.0	23.0	8330	315	0.38	091
29	22 35 44.87	−26 02 58.9	16.3	2430	125	0.32	123
30	22 35 44.99	−26 04 00.6	3.8	136	42.6	0.32	008
31	22 35 45.00	−26 02 48.8	4.2	150	41.2	0.54	116
32	22 35 45.06	−26 04 20.0	9.3	495	44.7	0.33	119
33	22 35 45.09	−26 03 07.5	4.5	466	70.5	0.27	068
34	22 35 45.11	−26 03 10.6	3.8	255	53.1	0.06	096
35	22 35 45.12	−26 02 35.0	15.3	4300	240	0.58	003
36	22 35 45.14	−26 02 23.2	18.8	6360	319	0.52	179
37	22 35 45.17	−26 02 41.7	6.1	151	25.1	0.46	120
38	22 35 45.28	−26 02 12.5	4.2	10400	1020	0.15	042
39	22 35 45.32	−26 03 04.5	4.8	108	35.2	0.15	173
40	22 35 45.33	−26 03 35.3	24.9	5420	179	0.52	128
41	22 35 45.35	−26 02 47.2	11.2	757	67.2	0.60	055
42	22 35 45.37	−26 03 20.0	36.1	6100	213	0.23	130
43	22 35 45.43	−26 02 10.4	2.2	4820	766	0.40	046
44	22 35 45.44	−26 01 20.1	17.6	634	34.1	0.60	117
45	22 35 45.44	−26 02 03.1	6.7	963	129	0.15	107
46	22 35 45.44	−26 02 03.2	8.6	1060	129	0.15	118
47	22 35 45.44	−26 04 41.3	18.2	780	29.5	0.52	117
48	22 35 45.45	−26 02 41.0	3.5	133	53.6	0.39	099
49	22 35 45.45	−26 03 46.1	8.2	1360	96.7	0.64	093
50	22 35 45.50	−26 04 12.4	21.0	2560	89.6	0.56	134
51	22 35 45.52	−26 02 58.2	6.4	290	48.4	0.25	132
52	22 35 45.56	−26 03 54.2	7.3	4810	374	0.09	074
53	22 35 45.61	−26 01 55.0	8.3	2470	218	0.40	099
54	22 35 45.63	−26 04 31.1	3.5	115	49.0	0.30	046
55	22 35 45.70	−26 03 29.5	14.4	1630	80.2	0.59	109
56	22 35 45.70	−26 02 28.7	23.3	2760	105	0.18	154
57	22 35 45.77	−26 01 49.8	4.2	828	111	0.50	054
58	22 35 45.84	−26 02 47.6	5.4	138	25.7	0.57	175

TABLE 2—*Continued*

No.	α (J2000)	δ (J2000)	Area (arcsec)^2	Total DN	Peak DN	e	P.A. °
59	22 35 45.88	−26 01 58.2	7.7	1780	148	0.33	164
60	22 35 45.88	−26 03 54.4	9.7	8660	471	0.07	145
61	22 35 45.92	−26 04 09.4	5.8	505	74.1	0.43	167
62	22 35 45.93	−26 04 09.4	7.7	554	74.1	0.33	164
63	22 35 45.95	−26 03 33.4	9.6	680	55.9	0.66	044
64	22 35 45.97	−26 04 42.7	15.5	514	30.1	0.42	146
65	22 35 46.06	−26 04 00.4	11.2	1690	148	0.55	141
66	22 35 46.11	−26 04 24.7	4.5	597	89.2	0.07	158
67	22 35 46.16	−26 01 42.0	32.9	3610	199	0.33	024
68	22 35 46.20	−26 02 31.0	13.9	861	54.4	0.49	041
69	22 35 46.24	−26 04 08.1	10.5	1540	167	0.38	092
70	22 35 46.24	−26 04 08.1	9.9	1520	167	0.36	094
71	22 35 46.27	−26 04 29.9	57.2	21500	498	0.30	106
72	22 35 46.28	−26 02 06.0	8.9	933	64.3	0.27	142
73	22 35 46.30	−26 01 25.3	33.8	1750	53.9	0.42	148
74	22 35 46.34	−26 01 49.3	3.8	144	39.2	0.28	173
75	22 35 46.35	−26 02 01.5	13.9	1250	83.8	0.22	014
76	22 35 46.35	−26 02 15.8	14.4	4050	190	0.48	098
77	22 35 46.41	−26 03 37.7	9.7	693	65.9	0.28	143
78	22 35 46.46	−26 03 43.9	30.0	9140	407	0.55	041
79	22 35 46.55	−26 02 08.2	5.8	481	73.0	0.38	079
80	22 35 46.59	−26 04 02.4	32.3	13200	482	0.24	100
81	22 35 46.60	−26 02 20.2	8.1	1790	197	0.08	139
82	22 35 46.60	−26 02 20.2	8.3	1800	197	0.08	147
83	22 35 46.61	−26 03 31.4	11.8	870	68.4	0.14	104
84	22 35 46.64	−26 02 12.9	8.6	806	66.4	0.52	134
85	22 35 46.76	−26 04 13.1	28.8	3460	144	0.24	030
86	22 35 46.78	−26 02 41.6	3.5	260	51.7	0.39	113
87	22 35 46.82	−26 02 26.7	7.7	4060	320	0.12	174
88	22 35 46.92	−26 03 17.2	26.8	6310	147	0.36	098
89	22 35 46.92	−26 02 58.8	9.6	521	45.8	0.34	096
90	22 35 46.93	−26 01 23.5	19.2	844	41.9	0.23	081
91	22 35 46.94	−26 04 47.0	6.1	181	32.5	0.05	163
92	22 35 46.96	−26 02 49.5	4.8	127	30.2	0.32	009
93	22 35 46.97	−26 03 48.7	19.2	2560	91.6	0.40	101
94	22 35 46.99	−26 02 39.5	9.7	972	64.6	0.58	089
95	22 35 46.99	−26 02 23.8	3.8	1200	149	0.36	010
96	22 35 47.18	−26 01 40.4	6.7	180	23.8	0.36	013
97	22 35 47.21	−26 03 35.5	3.8	252	54.1	0.15	095
98	22 35 47.25	−26 01 46.1	6.1	446	65.2	0.32	084
99	22 35 47.26	−26 03 40.5	11.5	2680	218	0.09	069
100	22 35 47.28	−26 03 31.3	11.0	949	58.6	0.47	048
101	22 35 47.29	−26 03 47.1	3.8	221	45.0	0.32	096
102	22 35 47.32	−26 02 22.7	8.6	3570	278	0.08	065
103	22 35 47.32	−26 01 50.1	3.8	137	30.0	0.27	117
104	22 35 47.33	−26 04 45.2	8.9	203	25.8	0.46	018
105	22 35 47.34	−26 02 08.8	3.5	117	35.7	0.19	048
106	22 35 47.34	−26 02 53.6	5.4	191	41.4	0.32	060
107	22 35 47.37	−26 02 04.9	9.6	810	84.2	0.27	162
108	22 35 47.44	−26 04 08.2	9.7	1660	111	0.07	038
109	22 35 47.48	−26 02 48.5	6.5	583	77.7	0.18	105
110	22 35 47.54	−26 03 58.0	4.8	243	52.6	0.34	125
111	22 35 47.54	−26 03 58.0	4.2	233	52.6	0.36	127
112	22 35 47.54	−26 03 58.0	4.2	233	52.6	0.36	127
113	22 35 47.57	−26 02 45.0	10.9	1090	73.7	0.51	009
114	22 35 47.58	−26 03 26.4	16.1	1720	100	0.30	113
115	22 35 47.60	−26 01 58.5	20.1	1540	61.3	0.25	159
116	22 35 47.70	−26 03 13.4	6.7	690	86.9	0.13	144
117	22 35 47.72	−26 03 36.8	18.2	1340	77.8	0.26	007
118	22 35 47.72	−26 03 18.4	14.1	1770	78.9	0.41	044
119	22 35 47.73	−26 04 08.4	6.4	946	97.2	0.10	172
120	22 35 47.81	−26 02 06.7	4.5	227	42.3	0.38	135
121	22 35 47.89	−26 04 35.9	19.3	1310	67.4	0.07	075
122	22 35 47.96	−26 04 03.3	13.4	942	69.2	0.04	028
123	22 35 47.96	−26 02 41.7	15.7	1740	109	0.11	132
124	22 35 47.98	−26 02 10.2	4.5	319	53.5	0.34	153
125	22 35 48.07	−26 02 17.8	7.3	184	25.7	0.04	017
126	22 35 48.08	−26 02 33.6	6.4	1190	105	0.33	026
127	22 35 48.12	−26 03 41.4	21.1	1710	65.7	0.26	026
128	22 35 48.13	−26 03 22.6	19.5	3020	109	0.34	094
129	22 35 48.14	−26 02 27.4	10.2	676	52.9	0.56	106
130	22 35 48.17	−26 01 25.1	11.5	942	86.8	0.48	006
131	22 35 48.22	−26 01 17.0	5.8	202	34.6	0.31	135
132	22 35 48.25	−26 02 36.5	7.6	2330	178	0.17	112
133	22 35 48.29	−26 02 48.8	16.6	1200	54.4	0.45	064
134	22 35 48.30	−26 03 02.6	6.1	2100	190	0.23	085
135	22 35 48.34	−26 01 44.5	4.5	117	28.0	0.34	174
136	22 35 48.35	−26 03 27.6	13.9	1820	90.7	0.41	169
137	22 35 48.40	−26 01 22.9	3.5	286	95.7	0.26	166
138	22 35 48.43	−26 01 51.8	7.6	301	39.7	0.34	079
139	22 35 48.48	−26 02 24.4	19.8	2570	225	0.49	143
140	22 35 48.52	−26 03 32.3	5.2	138	29.5	0.33	115
141	22 35 48.60	−26 03 00.5	5.4	1890	199	0.09	166
142	22 35 48.62	−26 02 06.8	6.8	161	31.3	0.41	102
143	22 35 48.62	−26 02 53.4	10.5	967	55.5	0.49	067
144	22 35 48.71	−26 02 42.5	11.8	681	60.2	0.31	062
145	22 35 48.75	−26 04 03.1	6.3	822	102	0.22	004
146	22 35 48.94	−26 03 46.8	17.1	1240	71.6	0.22	155
147	22 35 49.00	−26 03 58.9	4.8	254	36.8	0.19	144
148	22 35 49.15	−26 03 41.9	9.0	293	25.8	0.27	167
149	22 35 49.62	−26 02 46.4	7.3	174	29.8	0.46	046
150	22 35 49.73	−26 03 21.7	8.6	334	39.3	0.23	092
151	22 35 49.86	−26 02 15.5	14.7	557	37.0	0.08	060
			NGC 7469				
1	23 03 13.56	+08 52 20.9	11.3	378	28.5	0.31	143
2	23 03 13.74	+08 52 37.2	18.5	546	25.1	0.20	115

TABLE 2—*Continued*

No.	α (J2000)	δ (J2000)	Area (arcsec)^2	Total DN	Peak DN	e	P.A. °
3	23 03 14.73	+08 52 56.4	4.8	676	87.9	0.16	008
4	23 03 14.88	+08 52 07.9	7.1	125	20.9	0.19	067
5	23 03 14.91	+08 52 54.3	6.8	1200	134	0.19	044
6	23 03 15.03	+08 52 30.8	1.9	141	41.3	0.31	075
7	23 03 15.05	+08 52 27.7	1.3	62.4	36.3	0.59	020
8	23 03 15.10	+08 52 36.2	17.0	4380	196	0.30	027
9	23 03 15.25	+08 52 42.7	4.2	297	49.2	0.44	002
10	23 03 15.25	+08 52 42.7	6.1	360	49.2	0.42	007
11	23 03 15.48	+08 52 48.6	4.5	61.1	18.7	0.35	028
12	23 03 15.61	+08 52 18.7	3.5	796	114	0.41	010
13	23 03 16.01	+08 52 49.5	3.5	70.1	28.1	0.32	170
14	23 03 16.22	+08 52 21.2	7.0	1140	102	0.08	029
15	23 03 16.24	+08 52 24.2	1.9	150	43.9	0.25	138
16	23 03 16.25	+08 52 29.5	1.6	77.0	42.6	0.30	017
17	23 03 16.61	+08 52 49.2	15.7	1220	65.0	0.52	160
18	23 03 16.95	+08 52 16.6	5.5	91.2	22.9	0.11	094

NOTE.— Table 2 is published in its entirety in computer-readable form in the AAS CD-ROM Series, Vol. 7.

should not exceed approximately 1%–2% for the faintest sources.

4. NOTES ON INDIVIDUAL GALAXIES

4.1. *NGC 788*

Since being identified as a Seyfert galaxy by Huchra, Wyatt, & Davis (1982), NGC 788 has been observed in the optical (e.g., Hamuy & Maza 1987; Wagner 1987; Kay 1994; Cruz-Gonzalez et al. 1994), radio (Ulvestad & Wilson 1989), and millimeter (Heckman et al. 1989) wave bands. Morphologically, the galaxy is a lenticular/early-type spiral with faint spiral arms visible ∼30″ radius from the nucleus. The spiral arms are brightest to the northwest of the nucleus, and Figure 1 reveals a string of bright, compact H II regions that trace the spiral arm, together with a complex of fainter H II regions associated with the southern arm.

4.2. *NGC 1068*

The prototypical Seyfert 2 galaxy, NGC 1068, has been investigated extensively. Spectropolarimetric observations (Antonucci & Miller 1985) reveal broad Balmer-line emission associated with the nucleus, while optical spectrophotometry (Evans & Dopita 1986) and narrow-band emission-line imaging (Pogge 1988) reveal the presence of high-excitation gas distributed in a conelike morphology to the northeast of the nucleus. A large system of bright H II regions is associated with the spiral arms, and a starburst ring surrounds the nucleus. From optical spectrophotometry of 13 giant extragalactic H II regions located within the inner one-third of the disk, Evans & Dopita (1987) derive a mean oxygen abundance that is slightly overabundant compared to the solar value and find no evidence for a radial abundance gradient. H II region abundance measurements in the inner disk by Zaritsky et al. (1994) are consistent with zero radial gradient. The lack of a steep radial abundance gradient may be related to the gravitational potential produced by a stellar bar that is detected in the near-infrared (Scoville et al. 1988). Numerical simulations by Schwarz (1981) demonstrated that such a potential tends to produce strong radial flows into the nucleus on a timescale short compared to the age of the galaxy.

Figure 1 reveals a ring of bright, compact H II regions ∼10″–15″ in radius from the nucleus. The ring is surrounded by an agglomeration of fainter, compact H II regions and diffuse Hα emission associated with the inner spiral arms within a radius of approximately 1′. Giant H II regions trace spiral arm structure out to a distance of order 3′ from the nucleus.

4.3. *NGC 1097*

Although originally classified as a LINER on the basis of the optical emission-line spectrum (Keel 1983b), the recent appearance of broad Balmer-line emission and a featureless blue continuum implies that NGC 1097 contains a Seyfert 1 nucleus (Storchi-Bergmann, Baldwin, & Wilson 1993). A nuclear ring of H II regions delineates a massive burst of star formation that may be related to the inner Lindblad resonance (e.g., Hummel, Van Der Hulst, & Keel 1987; Storchi-Bergmann et al. 1995). Storchi-Bergmann, Calzetti, & Kinney (1994) determine from the UV to near-IR spectral energy distribution of the starburst ring that the metal abundances in the gas are enhanced slightly relative to the solar values. Gaseous abundances for individual H II regions both in the ring and further out along the bar, as well as the gradient of oxygen abundance, are obtained by Storchi-Bergmann et al. (1995).

Numerous complexes of giant H II regions are associated with the bar beyond ∼50″ from the nucleus. They are readily visible tracers of the structure of the spiral arms from where the arms connect to the ends of the bar to well beyond 3′ radius. Outside the nucleus starburst ring, the brightest and largest H II region complexes are located near the regions in which the bar and the inner spiral arms intersect. The star formation rate in these complexes may be enhanced through the interaction of radial gas flows along the bar with the rotational flows in the spiral structure.

4.4. *NGC 1672*

The nucleus of this barred spiral Seyfert 2 galaxy is surrounded by a starburst region containing several bright Hα emission-line knots within ∼10″ radius. Within the starburst region, Storchi-Bergmann et al. (1994) measure an oxygen abundance that is approximately twice the solar value. Detailed observations of individual H II regions in the ring and further out, with abundances and gradient determinations, are presented by Storchi-Bergmann et al. (1995). Bright H II region complexes trace the bar and inner and outer spiral arms. Additionally, diffuse Hα emission appears colocated with faint compact H II regions in the inner disk within ~1′.

4.5. *NGC 2782*

NGC 2782 (Arp 215) is a well-studied, peculiar, early-type spiral galaxy containing a nuclear starburst and several H II regions reported by Hodge & Kennicutt (1983). Using spatially resolved spectrophotometry, Boer, Schulz, & Keel (1992) identify a shell of highly ionized material 4″–8″ S of the central starburst. They conclude that the local ISM is either shock heated or photoionized by warmers (Terlevich & Melnick 1985). Smith (1994) has obtained high-quality broadband *BVRI* images and presents a contour map of the brightest Hα emission.

Our data (Fig. 1) reveal diffuse Hα emission covering the entire region within ~14″ of the nucleus, in addition to the emission detected by Boer et al. A complex of bright but relatively diffuse H II regions is visible clearly 20″–25″ N of the nucleus, and a string of bright, compact H II regions is visible ~30″ W of the nucleus. Fainter diffuse Hα emission is detected at larger radii.

4.6. *NGC 3081*

Phillips, Charles, & Baldwin (1983) identified this early-type ring galaxy as a Seyfert 2 on the basis of spectroscopic observations of narrow, high-ionization emission-lines detected from the nucleus. Cruz-Gonzalez et al. (1994) recently obtained additional optical spectrophotometry. Imaging reveals a bright nucleus with an apparent bulge component visible out to a radius of ~10″, and a superimposed inner barlike structure with P.A. ~120°. A faint bar with P.A. ~60° leads to a ring structure with radius ~25″–30″. The outer ring structure is similar to that observed in Hoag's object. Brosch (1985) suggests that in the latter object the ring was formed no more than a few Gyr ago as a result of an extreme bar instability. Possibly, NGC 3081 represents an earlier stage in the evolution of such an object, when the bar is still clearly visible. Figure 1 reveals numerous H II regions associated with the main stellar ring, and possibly faint, diffuse Hα emission associated with the inner bar/bulge component.

4.7. *NGC 4051*

This nucleus of this famous Seyfert 1 galaxy has been the subject of many intensive studies (e.g., de Robertis & Osterbrock 1984; Pogge 1989; Veilleux 1991; Hunt et al. 1992; Kunieda et al. 1992). Detailed optical emission-line and continuum contour maps of the inner few arcseconds surrounding the nucleus are available (Haniff, Wilson, & Ward 1988). Byrd, Sundelius, & Valtonen (1987) suggest that the Seyfert activity may have been triggered tidally through interactions with NGC 4013, which is separated from NGC 4051 by ~240 kpc.

Figure 1 demonstrates that the brightest giant H II regions trace the spiral arms structure out to ~2′ radius. Compact H II regions are discernible individually closer to the nucleus, down to ~15″ radius. Within this radius, there is evidence for widespread, diffuse Hα emission rather than distinct compact Hα sources.

4.8. *NGC 4593*

The properties of the Seyfert 1 nucleus in this barred spiral have been investigated in detail. Optical and infrared photometry (e.g., Winkler et al. 1992; Kotilainen, Ward, & Williger 1993; Kotilainen & Ward 1994), and spectrophotometry (e.g., Kollatschny & Fricke 1985; Crenshaw 1986; Morris & Ward 1988) of the nucleus has been obtained at several epochs. These data show considerable variability of the optical nuclear continuum, which is observed also at ultraviolet (e.g., Clavel et al. 1983; Clavel 1983; Koratkar & Gaskell 1991) and X-ray (Ghosh & Soundarajaperumal 1993) wavelengths.

Giant extragalactic H II regions tracing the spiral arm structure from an inner radius of ~30″ out to ~80″ are readily visible in Figure 1. Most of the H II regions are compact, with little evidence for the presence of diffuse Hα emission. Unlike most other barred spirals discussed in this paper, H II regions in NGC 4593 do not appear to be distributed along the bar. One possible explanation may be that the radial gas mixing along the bar that would ordinarily trigger star formation is relatively weak in this object.

4.9. *NGC 4639*

Pogge (1989) has obtained both narrow-band Hα + [N II] λλ6548, 6583 and [O III] λ5007 CCD images of this object. Measurements of the total UV continuum flux from the galaxy at 1650 Å and 2000 Å are published by Deharveng et al. (1994) and Donas et al. (1987), respectively. Inspection of Figure 1 reveals numerous giant extragalactic H II regions visibly distributed along the spiral arms. The concentration and surface brightness of the H II regions appears to be largest in the spiral arms near the ends of the bar, although none are visible along the bar itself. Star formation may be enhanced in the regions of the arms near the ends of the bar through mechanical interactions in the local ISM.

4.10. *NGC 4939*

Numerous H II regions delineate the spiral structure in this late-type galaxy. Hα images have been published previously by Hodge & Kennicutt (1983). The stellar population and emission-line gas within 5 kpc of the active nucleus is investigated by Storchi-Bergmann, Bica, & Pastoriza (1990a, b). They conclude based on photoionization models that the abundances are approximately solar ($Z_{\rm ISM} \sim 1$–$2\ Z_\odot$) with the exception of nitrogen. The latter element appears to require a factor of ~2.5 overabundance with respect to oxygen for the models to match the observed emission-line strengths.

4.11. *NGC 5033*

The late-type X-ray–bright spiral is classified as a Seyfert 1 on the basis of observations of broad Balmer emission from the nucleus (Shuder 1980; Keel 1983c; Filippenko & Sargent 1985). Large (3′) aperture Hα + [N II] λλ6548, 6583 photometry is reported by Kennicutt & Kent (1983), while near (0.35–3.5 μm) infrared and *IRAS* photometry are presented by McAlary et al. (1983) and Rodriguez Espinoza, Rudy, & Jones (1987), respectively. Optical emission-line imaging is reported by several authors (e.g., Keel 1983a; Elmegreen & Elmegreen 1983; Pogge 1989a).

Zaritsky et al. (1994) use optical spectrophotometry to estimate the abundances of eight H II regions in the disk of NGC 5033, and they conclude that there is a strong abundance gradient, with an inferred nuclear (zero radius) oxygen abundance that is approximately twice solar. Our continuum-subtracted Hα image (Fig. 1) reveals the presence of bright H II regions in the inner spiral arms down to a distance of ~5″ from the nucleus. Giant extragalactic H II regions clearly trace the spiral arms out to at least 4′ radius, providing an excellent sample for abundance measurements.

4.12. *NGC 5427*

NGC 5427 is one component of the interacting pair of galaxies Arp 271. The other component is NGC 5426, which is separated from NGC 5427 by ~25 kpc (Dahari 1984). Optical spectra of the nucleus of NGC 5427 have been obtained by Kennicutt & Keel (1984), who suggest that the nuclear activity may have been induced through the galaxy-galaxy interactions. Optical nuclear emission-line (Keel et al. 1985), infrared (Giuricin 1994), and radio (Giuricin et al. 1990) fluxes are available in the literature.

Figure 1 reveals the presence of a possible nuclear ring of H II regions with a radius of ~5″. Numerous H II region complexes trace the distorted spiral arms out to at least 1′ from the nucleus. The H II regions appear brightest in the eastern spiral arm, although there is a bright complex located in the western arm at the point at which the arm abruptly changes direction. One can speculate that mechanical interactions due to changes in the direction of the gas flows in the local ISM may be responsible for the star formation that has produced the H II region complex at this location.

4.13. *NGC 6300*

NGC 6300 was first classified as a Seyfert 2 galaxy on the basis of the nuclear emission-line profiles from optical spectrophotometry obtained by Phillips et al. (1983). Additional optical spectra were obtained by Bonatto, Bica, & Alloin (1989), who conclude that shock heating may play a role in the ionization balance of the nucleus. Storchi-Bergmann & Pastoriza (1989) obtained further optical spectrophotometry, and on the basis of comparison with photoionization models, they concluded that the nuclear N/O ratio must be enhanced by a factor of ~3 above the solar value. An Hα image of the object is presented by Ryder & Dopita (1993). Our continuum-subtracted Hα image (Fig. 1) reveals a wealth of compact H II regions and diffuse Hα emission, both in the ring structure and extending out to over 2′ from the nucleus. There is some evidence for weak Hα emission interior to the ring, although this is mostly diffuse. This is a low galactic latitude object and suffers from having numerous faint foreground stars in the field. As discussed in § 3, a small fraction of these may be misclassified as emission-line sources.

4.14. *NGC 6814*

The nuclear variability of NGC 6814 has been investigated extensively. Optical photometry and spectrophotometry (e.g., Morris & Ward 1988; Sekiguchi & Menzies 1990; Winkler et al. 1992; Winkler 1992) reveal that the broad nuclear Hβ flux can vary by factors of 2–4 over a period of a few months to a few years, with smaller variations and continuum variability occurring on shorter timescales. Figure 1 reveals numerous giant extragalactic H II regions tracing both the inner and outer spiral arms. The inner spiral arms are particularly congested. An Hα image of the galaxy was obtained by Knapen et al. (1993), who studied the statistical properties of the H II region population from measurements of over 700 H II regions. Additional Hα + [N II] λλ6548, 6583 and [O III] λ5007 images have been published by Pogge (1989a). Like NGC 6300, this is a low galactic latitude object with some field contamination from foreground stars.

4.15. *NGC 7213*

This early-type spiral has been classified variously as a LINER because of the presence of strong low-ionization nuclear emission lines such as [O I] λλ6300, 6364 (e.g., Phillips et al. 1986), and as a Seyfert 1 because of the presence of broad Balmer emission. Our continuum-subtracted Hα image reveals the presence of bright, compact H II regions arranged in a ringlike morphology located ~20″–40″ in radius from the nucleus.

4.16. *NGC 7314*

Inspection of Figure 1 reveals numerous giant H II regions distributed throughout the arms of this highly inclined late-type spiral. Within the arms, bright, compact H II regons typically appear to be embedded in a diffuse Hα background that may trace the spiral structure. The region within ~10″ of the nucleus appears to be relatively free of Hα emission. Spectrophotometry of the nucleus has been published by several investigators (e.g, Morris & Ward 1985, 1988; Schulz, Knake, & Schmidt-Kaler 1994), with the former authors detecting the O I λ8446 Bowen fluorescence line, suggesting that a high-density, optically thick component may be present in the nucleus. Optical and near-infrared photometry of the nucleus and surrounding regions has been obtained by Kotilainen and coworkers (e.g., Kotilainen et al. 1993; Kotilainen & Ward 1994).

4.17. *NGC 7469*

This early-type Seyfert 1 galaxy has been investigated in detail from X-ray (Brandt et al. 1993) and UV (Westin 1984) wave bands through to medium-IR wavelengths (e.g., Rudy et al. 1982; Keto et al. 1992; Miles, Houck, & Hayward 1994). Long-slit spectra and CCD imaging of the nuclear and immediately surrounding regions (de Robertis & Pogge 1986) show evidence for ongoing star formation in the circumnuclear ring. This may be driven by cloud-cloud collisions due to the outflow of material from the nucleus (Westin 1985). Additional optical emission-line and continuum images, and radio continuum data, of the nuclear regions are published by Wilson et al. (1991), and Mauder et al. (1994) present speckle masking images of the inner nuclear region.

Additional long-slit spectra have been obtained by Wilson et al. (1986) and Bonatto & Pastoriza (1990). The latter authors conclude that the elemental abundances at ~8″ from the nucleus are approximately solar, with the exception of nitrogen, which appears to be enhanced by a factor of 2 over the solar value. Compact H II regions overlaying a diffuse Hα background are clearly visible within ~10″ of the nucleus in Figure 1. Further out, a few giant extragalactic H II regions are evident and appear to trace the weak spiral arm structure out to a distance of order 50″ from the nucleus.

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