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Catalog and Atlas from a Sensitive 1.5 GHz Radio Survey Around the North Ecliptic Pole

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13. ABSTRACT (Maximum 200 words) A 29.3 square degree region surrounding the North Ecliptic Pole (NEP) is mapped with the Very Large Array (VLA) at 1.5 GHz to support the deepest portion of the ROSAT all-sky soft X-ray survey. A total of 114 fields were mapped, and radio sources with peak brightnesses exceeding ~ 6 times the field's root-mean-square noise were identified. The resulting VLA-NEP survey catalog contains 2435 radio sources with flux densities in the range of 0.3 — 1000 mJy, including over 200 fainter than 1 mJy. We present here (1) the VLA-NEP survey catalog, (2) suggested counterparts for ~ 18% of the VLA-NEP objects, and (3) an atlas of all 114 survey fields with catalogued sources indicated. In an Appendix we present initial scientific analysis of the VLA-NEP survey. The catalog and related tables are available electronically.				
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CATALOG AND ATLAS FROM A SENSITIVE 1.5 GHz RADIO SURVEY AROUND THE NORTH ECLIPTIC POLE

INTRODUCTION

The correlation of deep multifrequency surveys is useful in studying the relative populations and cosmic evolution of various classes of extragalactic objects (e.g., active galactic nuclei, starburst galaxies) and other aspects of observational cosmology, such as galaxy clustering and the origin of the X-ray background. The North Ecliptic Pole (NEP), located at $\alpha = 18^{\text{h}}00^{\text{m}}$ and $\delta = 66^{\circ}30'$, is a region of special importance for such studies. All-sky surveys from satellites often scan great circles perpendicular to the Earth's orbit in order to keep the solar panels facing the sun, resulting in sensitive coverage of the ecliptic poles. Our survey was motivated by the very deep coverage obtained by *ROSAT* (Trümper 1983; Voges 1992) but is also useful for comparison with other satellite based surveys. The NEP region has been previously studied with radio surveys using the Green Bank 91-m telescope at 1.4 GHz (Condon & Broderick 1985, 1986; White & Becker 1992) and at 5 GHz (Becker, White, & Edwards 1991; Gregory & Condon 1991) and the Effelsberg 100-m telescope at 2.7 GHz (Loiseau et al. 1988). Very Large Array and Ryle Telescope observations have been made of sources selected from the 38 MHz 8C survey (Rees 1990; Lacy, Rawlings, & Warner 1992).

We present here radio observations obtained of the North Ecliptic Pole region with the NRAO¹ Very Large Array (VLA) radio telescope (hereafter the VLA-NEP survey) that are 10 – 100 times deeper than these previous surveys. This survey was undertaken with the specific goal of correlating faint radio sources with faint X-ray sources observed in the recent *ROSAT* all-sky survey (Voges 1993; Brinkmann 1993). We observed 114 fields covering 29.3 square degrees within ~ 3 degrees of the NEP. We have cataloged 2435 sources, with

¹The National Radio Astronomy Observatory is operated by Associated Universities, Inc., under cooperative agreement with the National Science Foundation.

about 9% fainter than 1 mJy. The 114 fields do not have uniform sensitivities (fields closer to the NEP were observed longer to match the increased sensitivity of *ROSAT*), and the sensitivity varies considerably across each field, but no biases have been introduced. The resulting catalog should be representative of the faint radio source population about the NEP.

OBSERVATIONS

Observations of the NEP were made on 31 December 1990 and 2 January 1991 with the C-configuration of the VLA. Details of the observations and the data analysis are given in the Appendix, and we briefly summarize them here.

Pointings were made of 113 fields around the NEP, each separated by 30', plus one calibration field 3.6° from the NEP. Typically three short exposure "snapshots" of 8-minutes each were made for each of the 28 fields centered within 1.5° of the NEP, while two 4-minute observations were made of the 85 fields centered between 1.5° – 3.0° of the NEP. The nominal resolution of these observations is 20". In total, 29.3 square degrees were surveyed. Figure 1 presents a schematic of the regions about the NEP covered by each field and shows the corresponding numerical designation adopted for each field. Table 1 presents the observational parameters for each of the 114 fields observed. The columns in Table 1 list: (1) the field designation; (2)–(3) the coordinates of the field center at epoch J2000; (4) σ_{rms} , the root-mean-square noise level at the field center in mJy; (5) the minimum signal-to-noise ratio required for source detection; and (6) the major axis, minor axis, and position angle, respectively, of the restoring beam. The elements in columns (4)–(6) are described below and in the Appendix.

Calibration, mapping, and flux measurement operations were performed using tasks in NRAO's Astronomical Image Processing System (AIPS). Fourier transforms of the data were made, and the resulting maps were averaged in the image plane. The root-mean-square noise of each field (σ_{rms}) was measured over a central region, avoiding bright sources. Each field was searched for sources with peak fluxes exceeding $6 \times \sigma_{\text{rms}}$. In some fields the minimum flux density was increased to $7\text{--}8 \times \sigma_{\text{rms}}$ due to systematic errors in the image. Peak and total flux densities were measured for every source which exceeded the minimum signal-to-noise ratio for that field.

The flux densities measured from images produced by a synthesis array require corrections. We have corrected the measured peak flux densities for each source in the VLA-NEP catalog for (i) the primary beam response of the antenna elements and (ii) chromatic aberration due to the finite bandwidth, and we have corrected the measured total flux

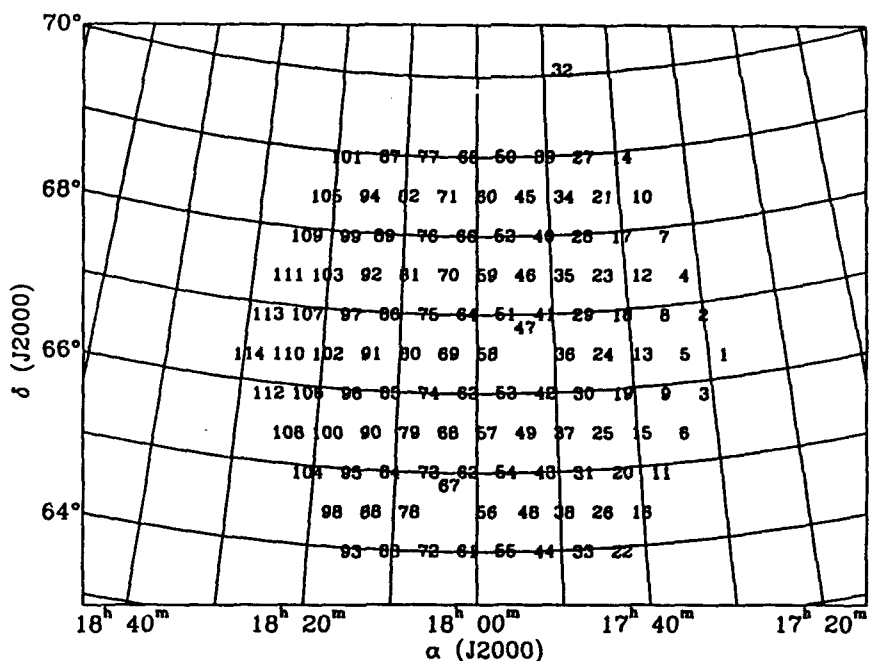
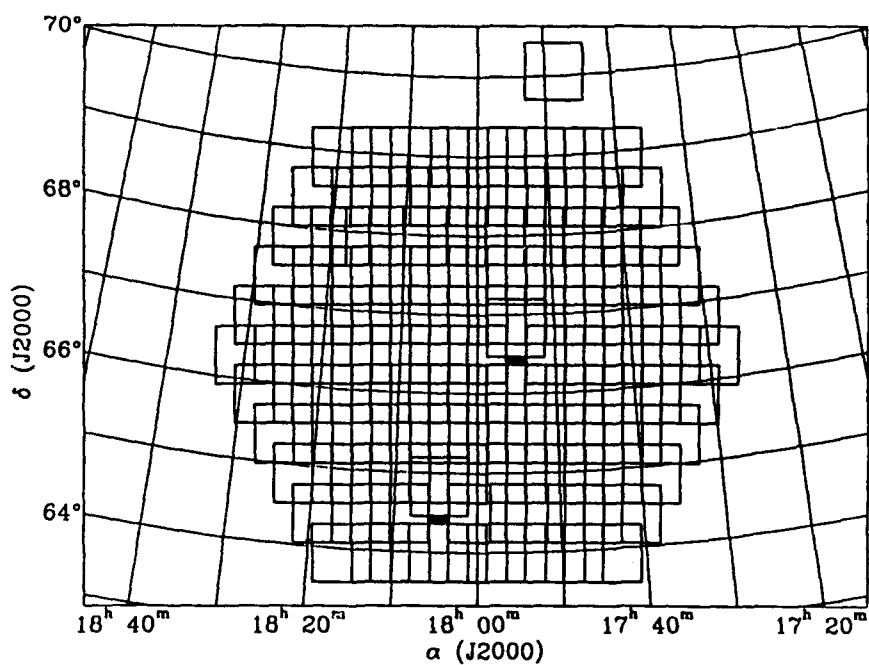


Figure 1 — (Top) The location of fields imaged around the North Ecliptic Pole (NEP). The two darkened regions are areas that were not imaged because of mispointed fields. The field around the calibrator 1748+700 is included with the 113 fields centered within 3° of the NEP. (Bottom) The numerical designations for the 114 fields.

densities just for the primary beam response. Uncertainties in the corrected peak and total flux densities were estimated from the quadratic sums of several terms. These terms included (i) statistical error from the root-mean-square noise level, (ii) uncertainties in the calibration and flux measurement process, (iii) pointing errors in the antenna elements, (iv) uncertainty in the primary beam correction, (v) uncertainty in the bandwidth smearing correction, and (vi) uncertainties due to map artifacts. All of these corrections and uncertainties are described in detail in the Appendix.

The positions measured from synthesis array images likewise require corrections for instrumental effects. The raw map must be expanded by a small factor to recover true positions. Positional uncertainties were taken to be the quadratic sum of two terms: (i) statistical uncertainty from the finite signal-to-noise ratio of the source, and (ii) systematic residual uncertainty from the application of the radial expansion. These corrections and uncertainties are also discussed in the Appendix.

THE VLA-NEP CATALOG

Table 2 gives the resulting VLA-NEP source catalog. The columns list: (1) the source name at epoch J2000; (2) the field designation where the source is best detected; (3)–(8) the corrected source position at epoch J2000; (9) $\Delta(\text{position})$, the positional uncertainty in arcseconds; (10) ρ , the distance of the source from the field center in arcminutes; (11) S_{total} , the corrected integrated flux density in mJy; (12) ΔS_{total} , the error in the integrated flux density; (13) S_{peak} , the corrected peak flux density in mJy; (14) ΔS_{peak} , the error in the peak flux density; and (15) $S_{\text{peak}}^{\dagger}/\sigma_{\text{rms}}$, the signal-to-noise of the detection. Fully resolved double sources with bright lobes have been included as two catalog entries, with the total flux being that for the entire object.

The last column of Table 2 contains additional notes where (ID) denotes possible identification with an object from another survey (see Table 3 and below), (S) indicates a source which is suspect because it lies on an image processing artifact, (D) is a double source, either a blend of two comparable sources or two resolved peaks with a common envelope, and (E) is an extended source, either an elongated source or an object with an asymmetric or complex shape. In addition (D?) and (E?) indicate possible doubles and extended sources whose features appear at less than $8 \times \sigma_{\text{rms}}$. Also included is the angular separation (in arcminutes) between the peaks of double sources, the angular size (in arcminutes) of extended sources measured from the peak to the most distant feature minus a slight resolution correction, and the position angle (in degrees) measured from the brightest peak. We identified 124 double sources and 174 extended objects; they range in size from

0.1' – 2.2' with 70% of the doubles and 60% of the extended sources larger than 0.5'. There are 45 double sources where we have both peaks listed individually in the catalog; in these cases the second peak is indicated in the last column of Table 2 by the symbol “>>”. Contour images of 54 sources with interesting structure are included in the Appendix (Figure A4), and these sources are indicated in Table 2 with the (F) identifier. With the exception of 11 sources, the position of each source is indicated in the atlas (Figure 2); the sources missing from the atlas are indicated in Table 2 with (X).

The VLA-NEP source catalog was compared with four previous radio surveys which cover all or part of the VLA-NEP survey area. These include the 1.4 GHz Green Bank survey (White & Becker 1992), the 5 GHz Green Bank survey (Becker et al. 1991), the 1.5 and 5 GHz VLA and Ryle Telescope observations of the 38 GHz 8C survey (Lacy et al. 1992), and the 2.7 GHz Effelsberg survey (Loiseau et al. 1988). The details of determining positional coincidence are given in the Appendix. VLA-NEP counterparts were found for all of the 1.4 GHz Green Bank sources, and approximately 90% of the sources from the other three surveys. The comparison with the 5 GHz Green Bank and 8C catalogs found relatively few with more than one VLA-NEP counterpart within the search radius, however 36% of the 2.7 GHz Effelsberg and 78% of the 1.4 GHz Greenbank sources have multiple VLA-NEP counterparts. Where the identification of a VLA-NEP source is not likely to be subject to confusion ($> 80\%$ of the flux arising from a single VLA-NEP object), we have determined spectral indices between the VLA-NEP flux densities and the 2.7 GHz and 5 GHz catalogs.

In addition to radio surveys, the VLA-NEP catalog was compared to catalogs of extragalactic objects listed in the NASA Extragalactic Database (NED). We found 42 galaxies (most brighter than 15 magnitudes) and 27 *IRAS* sources with VLA-NEP counterparts. VLA-NEP counterparts were also found for the galaxy cluster Abell 2280, the planetary nebula NGC 6543, and the supernova SN 1989P, although the latter is most likely a chance coincidence from the large search radius adopted.

The results of these tentative source identifications are listed in Table 3. For each source listed in Table 2 with an “ID” note the columns show: (1) the VLA-NEP source name; (2) the VLA-NEP corrected total flux density in mJy; (3) the name of any 5 GHz counterpart from Becker et al. (1991) along with the cataloged flux density in mJy; (4) the name of any 2.7 GHz Effelsberg counterpart from Loiseau et al. (1992) along with the cataloged flux density in mJy; (5) the name of any 1.4 GHz counterpart from White & Becker (1992) along with the cataloged flux density in mJy; (6) the name of any 8C counterpart from Lacy et al. (1992); (7) the name of any NED counterpart that is not from the four previous radio surveys with a visual magnitude, if available from NED; (8) the spectral index between 1.5 GHz and 5 GHz; (9) the spectral index between 1.5 GHz and 2.7 GHz; and (10) a reference for sources with

information from NED.

THE VLA-NEP ATLAS

An atlas of contour maps of the 114 fields included in the VLA-NEP survey, and listed in Table 1, are presented in Figure 2. Each contour map shows the central $42.7' \times 42.7'$ region of the field. The image is a 512×512 pixel array, with each pixel being $5''$ square. Contour levels are scaled to the root-mean-square noise σ_{rms} of the field. Contours are set at $\pm 3.5, 6, 18, 54, \dots$ times σ_{rms} , where the progression is logarithmic with succeeding contour levels at 3 times the flux of the previous level.

All sources from the VLA-NEP catalog (Table 2) which fall within a field are indicated on the contour map by a cross. A large cross indicates a source whose position was taken from this field. Small crosses are sources whose positions are taken from neighboring, overlapping fields. These are the raw, uncorrected positions. The offset of small crosses from contour centers is an indication of the difference in uncorrected positions from one field to another. Accurate positions should be taken from the VLA-NEP catalog (Table 2).

DATA PRODUCTS

Tables 1, 2, and 3 (total size 0.5 MByte) are available electronically from R. I. Kollgaard (rik@astro.psu.edu) or P. Hertz (hertz@xip.nrl.navy.mil). Other means of transport can also be arranged. Also available is a FORTRAN program giving the flux sensitivity at any location in the survey region. This gives upper limits to any radio source, taking into account the variations in sensitivity due to different exposure times and primary beam attenuation.

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TABLE 1
VLA-NEP Survey Field Parameters

Field Name (1)	α (2)	δ (J2000) (3)	σ_{rms} (mJy) (4)	SNR (5)	Beam (" " ") (6)
F001	17 29 54.0	66 30 00	0.141	6.0	49 25 -53
F002	17 31 55.0	67 00 00	0.128	6.0	49 26 -51
F003	17 32 58.0	66 00 00	0.068	8.0	25 18 -60
F004	17 33 55.0	67 30 00	0.134	6.0	49 28 -50
F005	17 34 55.0	66 30 00	0.083	6.0	49 25 -52
F006	17 35 55.0	65 30 00	0.112	8.0	22 17 -69
F007	17 36 10.0	68 00 00	0.105	6.0	58 13 -0
F008	17 37 02.0	67 00 00	0.092	7.0	49 24 -53
F009	17 37 53.0	66 00 00	0.054	6.0	23 18 -58
F010	17 38 08.0	68 30 00	0.072	6.0	42 16 -4
F011	17 38 42.0	65 00 00	0.062	6.0	22 17 -69
F012	17 39 08.0	67 30 00	0.199	6.0	52 37 -47
F013	17 39 56.0	66 30 00	0.103	8.0	25 18 -59
F014	17 40 31.0	69 00 00	0.072	6.0	34 17 3
F015	17 40 44.0	65 30 00	0.063	8.0	22 17 -68
F016	17 41 24.0	64 30 00	0.051	6.0	19 17 -77
F017	17 41 30.0	68 00 00	0.092	6.0	65 14 4
F018	17 42 09.0	67 00 00	0.099	9.0	23 19 -56
F019	17 42 48.0	66 00 00	0.044	7.0	25 18 -61
F020	17 43 26.0	65 00 00	0.054	6.0	22 17 -70
F021	17 43 36.0	68 30 00	0.067	6.0	51 14 7
F022	17 44 01.0	64 00 00	0.059	7.0	19 16 -78
F023	17 44 21.0	67 30 00	0.187	7.0	34 31 -45
F024	17 44 57.0	66 30 00	0.086	7.5	28 18 -21
F025	17 45 33.0	65 30 00	0.183	7.0	22 17 -69
F026	17 46 03.0	64 30 00	0.087	6.0	22 15 -25
F027	17 46 05.0	69 00 00	0.101	7.7	30 18 2
F028	17 46 50.0	68 00 00	0.052	7.0	14 14 -43
F029	17 47 16.0	67 00 00	0.226	6.0	32 18 -13
F030	17 47 43.0	66 00 00	0.080	6.0	24 17 -27
F031	17 48 10.0	65 00 00	0.066	6.0	24 15 -22
F032	17 48 32.8	70 05 51	0.070	6.0	21 19 -36
F033	17 48 35.0	64 00 00	0.050	6.0	19 16 -86
F034	17 49 04.0	68 30 00	0.112	6.0	43 15 -6
F035	17 49 34.0	67 30 00	0.058	6.0	30 18 -16
F036	17 49 58.0	66 30 00	0.073	7.5	25 18 -24
F037	17 50 22.0	65 30 00	0.076	6.0	25 17 -23
F038	17 50 42.0	64 30 00	0.081	6.0	25 16 -21
F039	17 51 39.0	69 00 00	0.070	7.0	27 19 -13
F040	17 52 10.0	68 00 00	0.079	6.0	15 14 -41
F041	17 52 23.0	67 00 00	0.067	6.0	17 16 -36
F042	17 52 38.0	66 00 00	0.078	6.0	22 20 -52
F043	17 52 54.0	65 00 00	0.068	6.0	21 15 -25
F044	17 53 09.0	64 00 00	0.047	6.0	19 16 -2
F045	17 54 32.0	68 30 00	0.132	6.0	50 15 -1
F046	17 54 47.0	67 30 00	0.068	7.0	16 16 -42

Field	α	δ	σ_{rms}	SNR	Beam
F047	17 54 59.0	66 50 00	0.093	6.0	23 21 -49
F048	17 55 00.0	64 30 00	0.080	6.0	24 18 -63
F049	17 55 11.0	65 30 00	0.060	6.0	19 17 -30
F050	17 57 13.0	69 00 00	0.098	6.0	30 17 -18
F051	17 57 30.0	67 00 00	0.085	6.0	18 16 -30
F052	17 57 30.0	68 00 00	0.053	6.0	15 14 -40
F053	17 57 33.0	66 00 00	0.052	6.0	22 20 -52
F054	17 57 38.0	65 00 00	0.075	6.0	23 20 -12
F055	17 57 43.0	64 00 00	0.066	6.0	23 18 -62
F056	18 00 00.0	64 30 00	0.044	7.0	21 17 -73
F057	18 00 00.0	65 30 00	0.070	6.0	19 17 -23
F058	18 00 00.0	66 30 00	0.074	7.0	20 18 -55
F059	18 00 00.0	67 30 00	0.051	6.0	18 17 -33
F060	18 00 00.0	68 30 00	0.102	6.0	34 19 -10
F061	18 02 17.0	64 00 00	0.079	6.0	25 18 -64
F062	18 02 22.0	65 00 00	0.083	6.0	23 20 -11
F063	18 02 28.0	66 00 00	0.084	6.0	21 17 -25
F064	18 02 37.0	67 00 00	0.056	6.0	22 17 -23
F065	18 02 37.0	69 00 00	0.156	7.3	27 19 -20
F066	18 02 50.0	68 00 00	0.056	7.0	32 17 -13
F067	18 04 39.0	64 50 00	0.052	6.0	22 17 -70
F068	18 04 49.0	65 30 00	0.039	6.0	17 16 -39
F069	18 05 01.0	66 30 00	0.079	6.0	22 17 -23
F070	18 05 13.0	67 30 00	0.048	6.0	23 18 -18
F071	18 05 28.0	68 30 00	0.110	7.0	30 23 7
F072	18 06 51.0	64 00 00	0.056	6.0	25 18 -67
F073	18 07 06.0	65 00 00	0.064	6.0	22 21 -8
F074	18 07 23.0	66 00 00	0.041	6.0	17 16 -38
F075	18 07 44.0	67 00 00	0.059	6.0	31 17 -8
F076	18 08 10.0	68 00 00	0.062	6.0	30 17 -15
F077	18 08 21.0	69 00 00	0.131	6.0	30 18 -16
F078	18 09 18.0	64 30 00	0.101	6.0	31 18 -15
F079	18 09 38.0	65 30 00	0.033	6.0	17 16 -37
F080	18 10 02.0	66 30 00	0.048	6.0	23 17 -19
F081	18 10 26.0	67 30 00	0.057	7.0	23 19 -16
F082	18 10 56.0	68 30 00	0.150	7.0	30 19 -16
F083	18 11 25.0	64 00 00	0.090	7.0	34 19 -12
F084	18 11 50.0	65 00 00	0.081	6.0	15 14 -6
F085	18 12 18.0	66 00 00	0.038	8.0	20 17 -26
F086	18 12 51.0	67 00 00	0.079	6.0	22 18 -22
F087	18 13 55.0	69 00 00	0.082	6.0	30 17 -35
F088	18 13 57.0	64 30 00	0.093	6.0	33 18 -14
F089	18 14 08.0	68 00 00	0.128	6.0	28 17 -16
F090	18 14 27.0	65 30 00	0.053	6.0	15 14 -38
F091	18 15 03.0	66 30 00	0.059	6.0	25 15 -21
F092	18 15 39.0	67 30 00	0.089	6.0	32 17 -13
F093	18 15 59.0	64 00 00	0.071	6.0	36 18 -12
F094	18 16 24.0	68 30 00	0.153	6.0	30 17 -33
F095	18 16 34.0	65 00 00	0.054	6.0	16 14 -6
F096	18 17 13.0	66 00 00	0.122	6.0	17 15 -37
F097	18 17 58.0	67 00 00	0.134	6.0	32 18 -6
F098	18 18 36.0	64 30 00	0.093	6.0	37 18 -12

Field	α	δ	σ_{rms}	SNR	Beam	
F099	18 18 50.0	68 00 00	0.094	6.0	31 17	-15
F100	18 19 16.0	65 30 00	0.097	6.0	15 14	0
F101	18 19 29.0	69 00 00	0.161	8.0	29 17	-33
F102	18 20 04.0	66 30 00	0.069	6.0	24 14	-22
F103	18 20 52.0	67 30 00	0.119	6.0	35 17	-10
F104	18 21 18.0	65 00 00	0.093	7.5	16 14	-1
F105	18 21 52.0	68 30 00	0.106	6.0	26 22	-18
F106	18 22 08.0	66 00 00	0.101	6.0	15 14	-40
F107	18 23 05.0	67 00 00	0.091	6.0	40 17	-5
F108	18 24 05.0	65 30 00	0.074	6.0	17 15	6
F109	18 24 10.0	68 00 00	0.129	7.0	24 20	-30
F110	18 25 05.0	66 30 00	0.063	6.0	24 16	-22
F111	18 26 05.0	67 30 00	0.103	6.0	27 19	-9
F112	18 27 03.0	66 00 00	0.153	7.0	23 15	-22
F113	18 28 12.0	67 00 00	0.097	6.0	29 19	-2
F114	18 30 06.0	66 30 00	0.052	6.0	24 15	-21

NOTES. -- Amplitude self calibration was used in the following fields: F006, F029, F032, F037, F049, F057, F058, F065, F070, F086, F089, F097, F101, F105, F107, F109. F018: image shifted to include bright source, 2.3' on western edge not searched; F041: image shifted, 4.6' on eastern side not searched; F051: image shifted, 1.8' on northern edge not searched, $\sigma_{\text{rms}} = 0.135$ mJy within 15' of the bright source VLA-NEP 1758.6+6637; F058: $\sigma_{\text{rms}} = 0.121$ mJy within 10' of VLA-NEP 1758.6+6637.

TABLE 2
VLA-NEP Source Catalog

Source Name	Field	(2)	(3)	(4)	(5)	(6)	(7)	(8)	Pos Err (")	Dis (')	Int Flux Density (mJy)	Peak Flux Density (mJy)	SNR	Notes
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
1726.3+6642	1	17	26	20.29	+66	42	14.7	2.6	24.5	38.5	5.2	46.4	5.5	12
1726.4+6640	1	17	26	24.34	+66	40	24.9	4.1	23.3	15.2	3.4	21.1	3.5	7
1726.6+6650	1	17	26	35.14	+66	50	15.3	2.3	28.3	261.5	25.2	150.6	17.1	14
1726.8+6634	1	17	26	48.13	+66	34	1.1	2.5	19.0	12.4	1.3	11.7	1.3	12
1727.2+6649	1	17	27	14.11	+66	49	0.2	3.1	24.7	36.4	5.3	38.9	5.4	9
1727.4+6617	1	17	27	25.65	+66	17	39.8	4.7	19.3	8.7	1.4	6.9	1.3	7
1727.6+6648	1	17	27	38.98	+66	48	14.6	4.8	22.6	16.8	3.0	15.1	2.9	6
1727.7+6624	1	17	27	42.29	+66	24	53.0	1.4	14.2	7.8	0.6	8.5	0.6	24
1727.7+6610	1	17	27	43.12	+66	10	27.5	4.2	23.5	20.8	3.7	21.8	3.7	7
1727.8+6648	1	17	27	50.16	+66	48	2.5	3.0	21.8	21.6	2.6	18.9	2.5	10
1728.1+6647	1	17	28	4.03	+66	47	47.1	4.7	20.9	12.8	2.0	10.1	1.9	7
1728.3+6647	1	17	28	15.12	+66	47	43.0	4.1	20.3	11.8	1.7	9.8	1.7	7
1728.4+6646	1	17	28	24.69	+66	46	46.9	4.1	19.0	7.7	1.3	7.1	1.2	7
1728.6+6651	2	17	28	34.03	+66	51	34.8	2.9	21.5	15.3	2.1	16.6	2.1	10
1728.6+6640	1	17	28	38.54	+66	40	51.9	3.6	13.3	3.1	0.5	2.4	0.4	8
1728.8+6718	2	17	28	49.09	+67	18	55.6	5.5	26.2	26.0	6.3	32.8	6.5	6
1729.0+6632	1	17	28	59.51	+66	32	46.7	2.8	6.1	2.0	0.2	1.5	0.2	9
1729.1+6720	2	17	29	8.18	+67	20	20.6	4.3	26.1	43.0	6.7	38.5	6.5	7
1729.3+6702	2	17	29	20.00	+67	2	16.6	1.9	15.4	33.8	1.4	37.1	1.6	92
1729.4+6713	2	17	29	23.63	+67	13	56.3	3.7	20.3	9.2	1.5	9.7	1.5	8
1729.5+6542	3	17	29	30.37	+65	42	33.8	2.0	27.6	63.6	6.9	80.7	8.1	12
1730.0+6636	1	17	29	58.84	+66	36	50.1	2.3	6.8	2.2	0.2	1.8	0.2	11
1730.0+6608	3	17	30	2.94	+66	8	49.6	2.1	19.9	9.4	0.8	7.3	0.8	9
1730.1+6640	1	17	30	3.09	+66	40	21.0	1.5	10.3	4.1	0.3	4.2	0.3	19
1730.2+6641	1	17	30	9.32	+66	41	35.3	3.1	11.6	2.5	0.4	2.1	0.4	9
1730.3+6741	4	17	30	16.16	+67	41	11.8	5.7	23.7	15.9	3.6	17.9	3.6	6
1730.3+6743	4	17	30	19.18	+67	43	57.9	5.1	24.9	18.4	4.8	27.1	5.0	7
1730.3+6648	2	17	30	19.69	+66	48	26.0	1.2	14.9	29.6	1.2	22.9	1.0	62
1730.6+6602	3	17	30	33.90	+66	2	16.2	1.3	14.9	8.3	0.4	4.1	0.3	17
1730.7+6601	3	17	30	39.15	+66	1	12.0	1.2	14.2	9.2	0.4	5.5	0.3	26
1730.7+6706	2	17	30	41.82	+67	6	54.8	2.3	9.9	7.0	0.3	2.1	0.3	11

Name	Field	Position		A	ρ	Stotal	Speak	SNR	Notes
1730.7+6708	2	17 30	42.16 +67 8	3.3	2.2	10.7	7.5 0.4	12	D? [1.1@180°] (F)
1730.8+6735	4	17 30	47.03 +67 35	7.2	1.9	18.7	84.3 4.2	118	ID
1730.8+6717	2	17 30	50.05 +67 17	16.0	2.5	18.4	10.1 1.1	13	
1730.9+6549	3	17 30	51.32 +65 49	54.4	2.1	16.4	4.6 0.4	9	
1730.9+6619	1	17 30	55.26 +66 19	19.2	3.1	12.4	3.0 0.4	9	
1731.0+6539	3	17 30	57.38 +65 39	35.1	2.1	23.8	29.8 2.6	10	
1731.1+6725	4	17 31	3.52 +67 25	2.9	4.7	17.2	3.7 0.8	7	
1731.1+6544	3	17 31	5.02 +65 44	26.8	2.0	19.4	8.3 0.8	13	
1731.1+6555	3	17 31	7.01 +65 55	48.5	1.2	12.1	10.9 0.4	28	SE [0.4@20°]
1731.1+6610	3	17 31	7.52 +66 10	10.0	1.9	15.2	15.0 0.7	60	
1731.1+6721	4	17 31	8.26 +67 21	4.0	3.5	18.4	5.2 1.0	9	
1731.2+6554	3	17 31	10.68 +65 54	31.5	1.3	12.3	5.1 0.2	16	S
1731.2+6553	3	17 31	13.63 +65 53	48.1	1.4	12.4	2.3 0.2	10	S
1731.2+6716	2	17 31	14.58 +67 16	30.5	1.9	17.0	49.5 2.2	79	ID
1731.3+6703	2	17 31	17.50 +67 3	5.3	1.2	4.8	9.7 0.4	73	ID
1731.4+6703	2	17 31	25.77 +67 3	57.1	1.2	4.9	6.7 0.3	46	ID
1731.6+6633	1	17 31	35.11 +66 33	20.4	2.6	10.6	2.9 0.3	10	
1731.6+6543	3	17 31	36.07 +65 43	58.2	1.9	18.1	13.5 0.8	17	D [0.4@350°]
1731.6+6653	2	17 31	37.24 +66 53	58.9	1.3	6.2	35.6 1.1	31	D? [1.2@340°] » 1731.7+6652
1731.7+6652	2	17 31	41.63 +66 52	49.1	1.2	7.3	37.5 1.2	196	D? [1.2@340°] » 1731.6+6653
1731.7+6638	1	17 31	42.82 +66 38	59.7	1.2	14.1	96.7 3.6	268	ID
1731.8+6732	4	17 31	45.32 +67 32	43.8	1.8	12.8	3.8 0.4	16	
1731.8+6746	4	17 31	47.18 +67 46	50.4	4.2	20.8	10.2 1.8	8	S
1731.9+6750	4	17 31	53.90 +67 50	12.9	2.2	23.2	39.9 4.0	17	D [0.3@250°]
1731.9+6749	4	17 31	55.29 +67 49	11.9	3.2	22.3	24.5 2.9	10	
1731.9+6642	1	17 31	55.39 +66 42	23.5	2.4	17.3	17.7 1.1	14	E [0.3@300°]
1731.9+6645	2	17 31	56.11 +66 45	27.1	1.8	14.6	5.7 0.5	15	(F)
1732.0+6739	4	17 31	58.96 +67 39	27.2	2.3	14.6	5.0 0.5	12	
1732.0+6631	1	17 32	1.62 +66 31	18.5	4.9	12.9	1.9 0.4	6	
1732.0+6737	4	17 32	2.84 +67 37	16.2	2.6	13.0	4.4 0.4	11	D? [1.1@0°] » 1732.1+6738 (F)
1732.1+6738	4	17 32	3.29 +67 38	19.6	3.4	13.6	4.7 0.5	9	D? [1.1@0°] » 1732.0+6737 (F)
1732.1+6651	2	17 32	8.97 +66 51	56.0	2.7	8.1	1.8 0.2	10	
1732.2+6603	3	17 32	10.53 +66 3	47.4	1.3	6.1	1.5 0.1	13	
1732.3+6553	3	17 32	15.32 +65 53	0.1	1.5	8.2	1.9 0.1	9	
1732.3+6558	3	17 32	16.89 +65 58	38.9	1.2	4.4	17.0 0.5	222	
1732.3+6541	3	17 32	17.61 +65 41	9.6	2.1	19.3	8.8 0.8	9	
1732.4+6640	5	17 32	23.75 +66 40	6.9	5.0	18.2	2.5 0.6	6	

Name	Field	Position	A	ρ	Stotal	Speak	SNR	Notes
1732.4+6539	3	17 32 23.99 +65 39 34.9	2.1	20.7	8.5	1.0	9	
1732.6+6532	6	17 32 34.55 +65 32 28.0	1.9	21.0	17.6	1.8	15	ID
1732.7+6523	6	17 32 39.55 +65 23 31.9	2.0	21.4	18.0	1.9	11	
1732.7+6532	6	17 32 41.41 +65 32 46.9	2.1	20.3	6.0	1.3	9	ID
1732.7+6616	3	17 32 42.36 +66 16 14.8	1.9	16.3	13.2	0.6	44	
1732.8+6714	2	17 32 46.40 +67 14 26.1	1.9	15.3	100.2	3.9	68	D [1.4@0°] » 1732.8+6713 (F)
1732.8+6732	4	17 32 46.65 +67 32 21.5	2.6	6.9	1.5	0.2	11	
1732.8+6713	2	17 32 47.53 +67 13 2.3	1.2	14.0	81.6	3.0	112	D [1.4@0°] » 1732.8+6714 (F)
1732.9+6717	4	17 32 54.61 +67 17 37.0	1.2	13.7	247.0	9.0	681	ID
1732.9+6533	6	17 32 54.75 +65 33 26.7	1.9	19.0	1057.9	51.1	800	ID
1732.9+6604	3	17 32 56.02 +66 4 12.9	1.2	4.2	20.4	0.6	197	D [1.1@80°] » 1733.1+6604 (F)
1733.0+6514	6	17 32 58.42 +65 14 13.7	2.0	24.2	54.7	4.9	11	
1733.0+6513	6	17 32 58.85 +65 13 36.0	2.0	24.6	54.2	5.2	11	
1733.0+6813	7	17 33 1.63 +68 13 52.3	2.0	22.4	67.2	4.5	21	D [0.5@330°]
1733.0+6712	2	17 33 2.76 +67 12 51.0	2.7	14.5	4.6	0.5	10	D [0.4@0°] (F)
1733.1+6606	3	17 33 3.56 +66 6 11.3	1.2	6.2	3.6	0.2	46	
1733.1+6705	2	17 33 6.00 +67 5 49.0	4.0	9.0	1.6	0.3	7	
1733.1+6604	3	17 33 6.44 +66 4 27.2	1.2	4.5	20.6	0.6	40	D [1.1@80°] » 1732.9+6604 (F)
1733.1+6539	3	17 33 8.80 +65 39 18.5	2.2	20.7	12.6	1.1	8	E [0.4@20°]
1733.2+6709	2	17 33 11.14 +67 9 25.1	2.0	12.0	3.7	0.4	13	
1733.2+6533	6	17 33 11.33 +65 33 55.7	1.9	17.5	8.6	0.8	18	ID
1733.2+6549	3	17 33 14.54 +65 49 49.8	1.5	10.3	1.8	0.2	10	
1733.3+6531	6	17 33 18.86 +65 31 15.4	2.0	16.3	4.5	0.6	10	S
1733.3+6820	7	17 33 20.64 +68 20 25.8	2.0	25.9	82.2	7.6	20	ID
1733.4+6545	3	17 33 23.84 +65 45 59.2	1.5	14.3	3.1	0.3	9	S
1733.4+6534	6	17 33 26.87 +65 34 36.4	2.0	16.1	3.3	0.6	11	S
1733.6+6551	3	17 33 38.58 +65 51 38.3	1.6	9.3	1.7	0.1	9	S
1733.6+6649	2	17 33 38.82 +66 49 22.2	1.5	14.8	10.9	0.6	19	E [0.1@70°]
1733.7+6552	3	17 33 39.07 +65 52 54.7	1.3	8.2	2.7	0.1	14	S
1733.7+6532	6	17 33 41.78 +65 32 27.1	1.5	14.1	4.7	0.4	8	
1733.7+6535	6	17 33 42.79 +65 35 13.7	1.3	14.7	5.1	0.5	11	S
1733.8+6516	6	17 33 47.40 +65 16 21.7	2.1	19.1	9.6	1.1	8	
1733.8+6536	6	17 33 48.04 +65 36 43.7	1.4	14.8	3.6	0.5	10	
1733.9+6648	2	17 33 55.11 +66 48 33.3	4.0	16.5	3.1	0.7	8	
1733.9+6653	2	17 33 55.86 +66 53 41.9	1.6	13.5	3.7	0.4	17	
1734.0+6637	5	17 34 2.11 +66 37 35.0	1.2	9.2	7.6	0.3	71	
1734.1+6631	5	17 34 3.24 +66 31 51.7	2.4	5.5	1.0	0.1	11	

Name	Field	Position		Δ	ρ	Stotal	Speak	SNR	Notes						
1734.1+6600	3	17	34	4.33	+66	0	32.3	1.2	6.8	3.0	0.1	2.2	0.1	27	S
1734.2+6547	3	17	34	11.59	+65	47	33.7	1.6	14.6	3.9	0.3	1.9	0.3	8	
1734.3+6707	2	17	34	15.90	+67	7	48.8	5.1	15.9	2.5	0.6	2.8	0.6	6	
1734.3+6800	7	17	34	15.92	+68	0	18.9	1.8	10.7	1.7	0.2	2.3	0.2	14	ID
1734.3+6837	10	17	34	16.44	+68	37	49.0	2.8	22.6	5.7	1.4	10.6	1.6	8	
1734.4+6802	7	17	34	26.09	+68	2	5.8	1.5	9.9	2.0	0.2	2.7	0.2	18	
1734.4+6612	3	17	34	26.27	+66	12	24.0	1.9	15.3	7.2	0.4	7.2	0.4	28	S
1734.5+6836	10	17	34	28.96	+68	36	17.9	2.8	21.0	5.1	1.0	6.8	1.0	8	
1734.6+6808	7	17	34	36.10	+68	8	21.2	1.2	12.2	22.5	0.8	22.1	0.8	109	ID
1734.6+6702	8	17	34	38.08	+67	2	11.3	2.4	14.3	2.5	0.3	2.5	0.3	11	ID
1734.6+6524	6	17	34	38.23	+65	24	44.4	1.4	9.5	3.0	0.2	1.9	0.2	10	S
1734.7+6806	7	17	34	39.49	+68	6	25.8	2.4	10.6	1.6	0.2	1.7	0.2	10	ID
1734.7+6530	6	17	34	39.74	+65	30	58.5	1.4	7.8	3.1	0.2	1.4	0.2	9	
1734.7+6839	10	17	34	40.80	+68	39	8.9	3.0	21.1	6.1	1.0	6.4	1.1	7	
1734.7+6524	6	17	34	42.69	+65	24	24.2	1.3	9.3	4.3	0.3	2.1	0.2	12	S
1734.8+6648	5	17	34	48.50	+66	48	16.3	5.0	18.3	2.4	0.6	3.0	0.6	6	
1734.9+6649	8	17	34	53.37	+66	49	1.2	3.6	16.8	2.9	0.5	3.1	0.5	8	
1735.0+6709	8	17	34	59.30	+67	9	13.0	1.9	15.1	12.2	0.6	14.8	0.7	53	
1735.1+6752	7	17	35	8.39	+67	52	16.5	1.2	9.6	7.4	0.3	5.2	0.3	34	
1735.2+6846	10	17	35	11.09	+68	46	6.7	2.6	22.8	23.6	2.1	12.0	1.7	8	
1735.2+6557	9	17	35	14.71	+65	57	42.5	2.3	16.3	3.7	0.3	1.9	0.3	7	
1735.3+6846	10	17	35	17.75	+68	46	38.6	3.0	22.8	12.2	1.7	9.9	1.6	7	
1735.3+6559	9	17	35	17.94	+65	59	45.4	2.1	15.8	2.1	0.3	2.0	0.3	9	
1735.4+6730	4	17	35	22.37	+67	30	46.5	4.4	8.4	1.2	0.3	1.2	0.3	7	
1735.4+6539	6	17	35	23.04	+65	39	33.3	1.3	10.1	5.2	0.3	2.0	0.2	11	S
1735.4+6601	9	17	35	25.61	+66	1	22.1	1.9	15.1	4.2	0.3	5.2	0.3	25	S
1735.5+6539	6	17	35	27.81	+65	39	43.0	1.3	10.1	6.0	0.3	2.2	0.2	12	S
1735.5+6520	6	17	35	28.16	+65	20	25.2	1.2	9.9	14.8	0.5	7.1	0.3	38	S
1735.5+6607	9	17	35	32.49	+66	7	9.0	2.3	16.0	1.8	0.3	1.7	0.3	7	
1735.6+6444	11	17	35	33.46	+64	44	3.2	2.0	25.7	39.5	3.9	35.9	3.7	9	
1735.6+6450	11	17	35	35.71	+64	50	32.9	2.1	21.9	8.2	1.1	10.7	1.2	8	
1735.6+6455	11	17	35	35.83	+64	55	26.5	2.0	20.3	8.6	0.8	8.4	0.8	10	
1735.7+6631	5	17	35	39.15	+66	31	48.3	2.8	4.7	0.8	0.2	0.8	0.1	9	
1735.7+6629	5	17	35	41.75	+66	29	11.5	3.6	4.7	0.8	0.2	0.7	0.1	8	
1735.7+6759	7	17	35	42.55	+67	59	56.6	2.7	2.6	1.0	0.2	1.0	0.2	9	
1735.7+6454	11	17	35	44.94	+64	54	11.7	2.3	19.7	5.1	0.7	4.8	0.7	6	
1735.8+6509	11	17	35	50.56	+65	9	53.6	2.3	20.6	10.4	0.9	6.1	0.8	6	S

Name	Field	Position		Δ	ρ	Stotal	Speak	SNR	Notes		
1735.9+6455	11	17 35	51.07	+64 55	3.9	2.3	18.8	2.6	0.5	7	
1735.9+6806	7	17 35	54.88	+68 6	13.1	1.2	6.4	22.9	0.7	136	ID D [0.5@310"]
1735.9+6801	7	17 35	55.81	+68 1	18.7	4.4	1.9	0.8	0.2	6	
1736.1+6552	9	17 36	3.14	+65 52	50.9	1.9	13.4	1.8	0.2	6	
1736.1+6541	6	17 36	8.39	+65 41	21.7	1.2	11.4	9.8	0.4	19	S
1736.1+6823	10	17 36	8.77	+68 23	40.7	2.6	12.7	2.0	0.2	7	
1736.2+6752	7	17 36	11.53	+67 52	30.8	1.2	7.5	4.6	0.2	42	
1736.2+6452	11	17 36	12.08	+64 52	56.5	2.3	17.4	4.8	0.4	7	
1736.2+6806	7	17 36	13.67	+68 6	59.2	4.5	7.0	0.6	0.2	6	ID
1736.2+6829	10	17 36	14.60	+68 29	34.9	2.9	10.4	1.4	0.2	6	
1736.2+6541	6	17 36	14.62	+65 41	35.6	1.2	11.8	9.2	0.4	17	S
1736.3+6823	10	17 36	15.56	+68 23	49.4	2.0	12.1	2.2	0.2	9	
1736.3+6841	10	17 36	17.60	+68 41	1.6	1.2	15.0	31.5	1.2	106	
1736.4+6615	9	17 36	21.42	+66 15	31.2	2.2	18.1	3.9	0.4	8	
1736.4+6822	10	17 36	22.71	+68 22	26.3	3.0	12.3	2.2	0.2	6	S
1736.4+6504	11	17 36	22.89	+65 4	3.3	2.0	15.3	2.0	0.3	10	S
1736.4+6656	8	17 36	25.01	+66 56	40.2	1.2	4.9	18.9	0.6	198	
1736.5+6808	7	17 36	30.28	+68 8	48.2	1.3	9.0	3.1	0.2	28	ID
1736.5+6449	11	17 36	32.72	+64 49	56.4	1.9	17.0	56.1	2.4	157	
1736.6+6845	10	17 36	33.52	+68 45	5.8	2.7	17.4	5.1	0.5	8	
1736.6+6523	6	17 36	34.44	+65 23	25.2	1.3	7.7	2.0	0.2	13	
1736.6+6908	14	17 36	36.77	+69 8	49.6	2.6	22.7	11.4	1.6	7	ID
1736.6+6502	11	17 36	37.44	+65 2	35.4	1.2	13.5	21.2	0.8	115	ID
1736.6+6914	14	17 36	37.80	+69 14	53.4	2.4	25.7	30.9	3.7	8	
1736.6+6456	11	17 36	38.15	+64 56	23.9	1.8	13.7	1.4	0.2	6	
1736.6+6558	9	17 36	38.25	+65 58	47.3	1.5	7.7	1.4	0.1	9	
1736.7+6547	9	17 36	39.01	+65 47	24.3	1.9	14.7	1.4	0.2	6	
1736.7+6708	8	17 36	40.24	+67 8	37.5	1.2	8.8	179.5	5.7	156	ID E? [0.5 with halo]
1736.7+6913	14	17 36	41.54	+69 13	8.7	2.6	24.3	15.5	2.4	7	
1736.7+6608	9	17 36	41.99	+66 8	35.1	1.2	11.2	32.3	1.1	296	
1736.7+6517	6	17 36	43.76	+65 17	23.4	1.2	13.6	44.7	1.7	143	ID
1736.7+6611	9	17 36	44.22	+66 11	17.5	1.5	13.3	1.4	0.2	9	
1736.8+6447	11	17 36	47.28	+64 47	6.5	2.3	17.8	5.7	0.5	6	
1736.8+6911	14	17 36	47.37	+69 11	9.3	2.2	22.9	13.3	1.7	9	
1736.9+6908	14	17 36	52.30	+69 8	44.1	1.9	21.4	188.6	10.7	136	ID E [0.4@290"]
1736.9+6609	9	17 36	55.10	+66 9	4.6	1.9	10.8	1.8	0.1	7	S
1736.9+6446	11	17 36	56.58	+64 46	17.8	2.2	17.7	4.7	0.5	7	

Name	Field	Position		Δ	ρ	Stotal	Speak	SNR	Notes						
1737.0+6557	9	17	36	58.15	+65	57	38.8	1.2	6.0	27.6	0.8	24.7	0.8	390	
1737.0+6513	11	17	36	59.81	+65	13	12.3	2.0	17.1	7.8	0.5	4.3	0.4	11	S
1737.0+6730	12	17	37	1.29	+67	30	20.6	7.0	12.2	2.1	0.5	2.5	0.5	7	
1737.1+6810	7	17	37	4.01	+68	10	18.1	1.2	11.4	4.5	0.3	6.3	0.3	34	ID
1737.1+6717	8	17	37	4.73	+67	17	41.4	4.1	17.7	4.7	0.6	3.4	0.6	7	
1737.1+6512	11	17	37	5.18	+65	12	47.0	2.0	16.4	6.0	0.4	3.7	0.3	12	S
1737.1+6546	9	17	37	5.76	+65	46	2.7	2.0	14.8	1.6	0.2	1.2	0.2	6	
1737.1+6734	12	17	37	6.23	+67	34	27.0	5.2	12.5	3.5	0.6	3.2	0.6	8	
1737.2+6459	11	17	37	9.47	+64	59	28.5	1.5	9.8	1.7	0.1	0.9	0.1	9	
1737.2+6818	10	17	37	9.77	+68	18	29.6	2.4	12.7	2.2	0.2	1.1	0.2	7	
1737.2+6547	9	17	37	9.83	+65	47	31.4	1.2	13.3	9.7	0.4	8.6	0.3	59	
1737.2+6752	7	17	37	10.60	+67	52	39.0	1.2	9.3	5.1	0.3	5.7	0.3	38	
1737.2+6856	14	17	37	11.35	+68	56	12.2	2.8	18.4	4.5	0.6	3.1	0.6	6	
1737.2+6655	8	17	37	14.87	+66	55	27.4	2.6	4.7	1.0	0.1	0.9	0.1	10	
1737.3+6827	10	17	37	16.83	+68	27	54.8	1.2	5.1	30.1	0.9	31.7	1.0	405	ID
1737.3+6603	9	17	37	17.44	+66	3	49.5	1.9	5.2	0.8	0.1	0.4	0.1	6	
1737.3+6622	5	17	37	18.86	+66	22	33.1	5.0	16.3	1.8	0.4	2.0	0.4	6	
1737.3+6456	11	17	37	20.22	+64	56	13.2	1.5	9.4	1.3	0.1	0.9	0.1	9	
1737.3+6511	11	17	37	20.70	+65	11	22.6	1.4	14.3	2.7	0.2	2.2	0.2	11	S
1737.4+6543	9	17	37	21.83	+65	43	45.4	2.1	16.6	2.6	0.3	2.4	0.3	9	
1737.4+6857	14	17	37	22.38	+68	57	16.3	2.2	17.2	5.1	0.5	3.8	0.5	10	
1737.4+6718	12	17	37	23.33	+67	18	49.0	1.9	15.1	37.7	1.7	44.6	1.9	77	ID
1737.4+6911	14	17	37	25.02	+69	11	9.7	2.7	20.0	3.3	0.8	5.1	0.8	7	
1737.4+6511	11	17	37	25.61	+65	11	0.8	1.3	13.7	3.8	0.2	2.2	0.2	12	S
1737.5+6905	14	17	37	28.12	+69	5	14.4	2.7	17.2	3.1	0.4	2.5	0.4	7	
1737.5+6757	7	17	37	30.71	+67	57	29.7	1.8	8.0	2.4	0.2	1.7	0.2	13	
1737.5+6918	14	17	37	32.59	+69	18	42.0	2.0	24.5	28.6	3.0	40.5	3.6	16	ID
1737.5+6506	11	17	37	32.61	+65	6	58.1	1.8	10.1	1.1	0.1	0.7	0.1	6	
1737.6+6849	14	17	37	37.48	+68	49	50.3	2.4	18.7	3.1	0.6	4.2	0.6	8	
1737.6+6643	8	17	37	38.65	+66	43	56.8	2.1	16.5	5.7	0.5	6.5	0.6	18	
1737.7+6642	8	17	37	41.17	+66	42	54.3	2.4	17.5	5.7	0.6	5.8	0.6	13	
1737.7+6629	13	17	37	43.03	+66	29	26.5	1.2	13.3	52.3	1.9	54.5	2.0	202	ID
1737.8+6830	10	17	37	46.33	+68	30	9.8	3.0	2.0	0.5	0.1	0.4	0.1	6	ID
1737.8+6440	11	17	37	47.58	+64	40	37.8	2.3	20.2	3.4	0.7	5.7	0.8	7	
1737.8+6507	11	17	37	49.24	+65	7	12.3	1.2	9.1	28.3	0.9	29.8	1.0	311	
1737.8+6501	11	17	37	49.46	+65	1	28.0	1.5	5.7	0.8	0.1	0.6	0.1	9	
1737.8+6555	9	17	37	50.58	+65	55	22.6	1.6	4.6	0.7	0.1	0.5	0.1	8	

Name	Field	Position	Δ	ρ	Stotal	Speak	SNR	Notes
1737.9+6453	11	17 37 51.01 +64 53 21.9	1.4	8.5	1.8 0.1	0.8 0.1	9	S
1737.9+6710	8	17 37 52.45 +67 10 1.8	1.3	11.1	4.4 0.3	3.8 0.2	25	
1737.9+6859	14	17 37 53.02 +68 59 12.6	2.1	14.3	2.4 0.3	1.5 0.3	7	
1737.9+6821	10	17 37 55.97 +68 21 29.6	1.2	8.5	6.5 0.2	6.6 0.2	69	
1738.0+6654	8	17 38 2.17 +66 54 14.9	3.2	8.2	1.4 0.2	1.0 0.2	8	
1738.1+6602	9	17 38 6.48 +66 2 19.3	1.5	2.7	1.0 0.2	0.5 0.1	9	
1738.1+6816	10	17 38 8.79 +68 16 29.6	1.3	13.5	1.8 0.2	2.9 0.2	17	
1738.2+6524	15	17 38 10.16 +65 24 55.6	2.1	16.8	5.0 0.4	3.3 0.4	9	S
1738.2+6729	12	17 38 10.85 +67 29 52.2	2.0	5.5	3.4 0.3	4.0 0.3	18	
1738.2+6540	9	17 38 13.51 +65 40 36.6	2.0	19.5	6.8 0.6	6.0 0.6	10	
1738.2+6614	9	17 38 13.83 +66 14 48.2	1.2	15.0	7.2 0.3	6.5 0.3	33	
1738.3+6547	9	17 38 18.45 +65 47 42.8	1.2	12.6	2.7 0.2	3.0 0.2	23	
1738.3+6609	9	17 38 18.69 +66 9 4.7	1.2	9.4	3.1 0.1	3.1 0.1	36	
1738.3+6512	11	17 38 20.43 +65 12 45.5	1.6	13.0	1.5 0.2	1.2 0.2	7	
1738.4+6638	13	17 38 23.05 +66 38 40.4	1.2	12.7	5.4 0.3	5.8 0.4	24	
1738.4+6653	8	17 38 23.11 +66 53 46.2	3.0	10.1	1.3 0.2	1.2 0.2	9	
1738.4+6704	8	17 38 25.00 +67 4 50.4	1.3	9.4	4.2 0.2	4.4 0.2	34	
1738.4+6451	11	17 38 26.31 +64 51 24.0	1.5	8.7	0.9 0.2	0.7 0.1	8	ID
1738.4+6732	12	17 38 26.72 +67 32 10.8	6.3	4.5	1.2 0.3	1.5 0.3	7	
1738.4+6705	8	17 38 26.75 +67 5 49.7	3.5	10.1	1.1 0.2	1.1 0.2	8	
1738.5+6853	14	17 38 29.23 +68 53 0.4	2.3	13.1	0.8 0.2	1.1 0.2	6	
1738.5+6919	14	17 38 31.79 +69 19 3.5	2.4	21.8	7.0 1.2	9.5 1.3	8	
1738.5+6454	11	17 38 31.91 +64 54 59.6	1.2	5.1	2.9 0.1	1.6 0.1	23	D [0.4@50"]
1738.6+6920	14	17 38 34.32 +69 20 14.6	2.4	22.7	11.9 1.6	12.1 1.6	8	
1738.6+6913	14	17 38 36.12 +69 13 10.4	2.4	16.7	2.9 0.4	2.6 0.4	8	
1738.6+6453	11	17 38 37.75 +64 53 44.9	1.2	6.2	6.9 0.2	6.7 0.2	90	
1738.7+6813	10	17 38 40.58 +68 13 41.7	2.7	16.6	3.2 0.4	2.4 0.4	8	
1738.7+6647	8	17 38 40.91 +66 47 27.1	2.0	15.9	19.2 0.9	7.1 0.5	22	E [0.7@270"]
1738.7+6618	13	17 38 42.02 +66 18 49.7	1.3	13.5	5.1 0.4	3.6 0.3	13	
1738.7+6852	14	17 38 43.43 +68 52 12.1	1.9	12.5	1.6 0.2	1.3 0.2	8	
1738.8+6902	14	17 38 46.40 +69 2 44.4	1.5	9.7	1.4 0.2	1.2 0.2	11	
1738.8+6421	16	17 38 47.86 +64 21 40.0	1.9	18.8	9.8 0.6	12.1 0.7	23	
1738.9+6915	14	17 38 53.31 +69 15 31.4	2.3	17.8	4.8 0.5	3.6 0.5	8	
1738.9+6632	13	17 38 53.80 +66 32 28.6	1.2	6.7	5.4 0.2	5.2 0.2	42	
1738.9+6544	9	17 38 53.84 +65 44 18.5	1.9	16.9	5.4 0.4	5.5 0.4	18	
1738.9+6809	17	17 38 54.01 +68 9 46.8	2.8	17.6	4.1 0.6	5.5 0.6	12	
1738.9+6444	11	17 38 56.71 +64 44 21.2	2.3	15.8	1.8 0.3	1.8 0.3	6	S

Name	Field	Position		Δ	ρ	Total	Speak	SNR	Notes
1738.9+6425	16	17 38	56.94 +64 25	23.8	16.6	1.1	0.3	6	
1739.0+6441	16	17 39	0.61 +64 41	37.9	19.3	5.2	0.5	8	
1739.0+6839	10	17 39	0.92 +68 39	48.7	10.9	30.5	1.0	241	ID E? [0.3@0']
1739.0+6437	16	17 39	2.13 +64 37	1.1	16.8	3.3	0.3	7	
1739.0+6505	11	17 39	2.13 +65 5	50.7	6.2	2.4	0.1	31	
1739.1+6507	11	17 39	3.55 +65 7	31.0	7.8	0.8	0.2	11	
1739.1+6822	10	17 39	5.43 +68 22	17.6	9.3	17.8	0.6	188	ID
1739.2+6508	11	17 39	13.05 +65 8	6.8	8.7	1.0	0.1	10	
1739.2+6907	14	17 39	14.05 +69 7	43.3	10.3	2.7	0.2	24	
1739.3+6501	11	17 39	15.30 +65 1	56.9	4.0	1.3	0.1	8	S
1739.3+6528	15	17 39	15.45 +65 28	6.8	9.4	1.5	0.1	9	
1739.3+6413	16	17 39	15.92 +64 13	12.3	21.8	6.6	0.9	6	
1739.3+6850	14	17 39	17.03 +68 50	16.5	11.8	1.2	0.2	8	
1739.3+6754	17	17 39	17.29 +67 54	35.6	13.6	4.0	0.3	24	
1739.3+6919	14	17 39	20.77 +69 19	32.0	20.5	20.1	1.4	22	
1739.4+6728	12	17 39	22.33 +67 28	28.5	2.0	3.3	0.3	19	
1739.4+6419	16	17 39	24.43 +64 19	10.2	16.9	3.2	0.3	7	
1739.4+6914	14	17 39	25.59 +69 14	57.6	16.1	14.6	0.7	45	
1739.5+6802	17	17 39	28.26 +68 2	41.4	11.8	0.8	0.3	6	
1739.5+6427	16	17 39	28.27 +64 27	9.6	12.9	5.5	0.2	41	
1739.5+6901	14	17 39	28.42 +69 1	50.7	5.9	3.9	0.2	43	
1739.5+6855	14	17 39	29.25 +68 55	12.9	7.3	4.5	0.2	15	D [0.5@140']
1739.5+6518	15	17 39	29.90 +65 18	0.7	14.3	3.6	0.3	9	
1739.5+6419	16	17 39	30.57 +64 19	33.4	16.1	2.2	0.3	9	
1739.6+6557	9	17 39	33.55 +65 57	26.8	10.5	1.4	0.1	8	
1739.6+6844	10	17 39	35.66 +68 44	22.7	16.5	4.0	0.4	13	
1739.6+6556	9	17 39	37.45 +65 56	41.7	11.1	1.5	0.1	17	
1739.6+6831	10	17 39	38.21 +68 31	13.4	8.3	2.0	0.1	23	
1739.7+6458	11	17 39	41.49 +64 58	20.6	6.5	1.4	0.1	14	
1739.7+6732	12	17 39	41.57 +67 32	34.7	4.1	1.1	0.3	6	S
1739.7+6855	14	17 39	43.31 +68 55	52.6	5.9	2.3	0.1	19	
1739.8+6810	17	17 39	45.67 +68 10	18.8	14.2	1.8	0.3	8	
1739.8+6754	17	17 39	46.12 +67 54	16.5	11.3	0.9	0.3	8	
1739.8+6720	12	17 39	48.34 +67 20	27.9	10.3	2.8	0.5	10	
1739.8+6749	17	17 39	49.55 +67 49	24.8	14.2	1.2	0.3	6	
1739.8+6918	14	17 39	50.72 +69 18	23.0	18.7	4.8	0.6	8	
1739.9+6434	16	17 39	52.65 +64 34	22.3	10.7	31.8	1.1	328	

Name	Field	Position			A	0	Stotal	Speak	SNR	Notes
1739.9+6458	11	17 39	52.78	+64 58	30.2	1.4	7.6	2.0	0.1	S
1739.9+6538	15	17 39	54.90	+65 38	3.1	1.2	9.5	3.2	0.2	
1739.9+6637	13	17 39	54.99	+66 37	59.3	1.6	8.0	1.6	0.2	
1739.9+6509	11	17 39	55.73	+65 9	1.6	1.2	12.0	4.0	0.2	
1740.0+6750	17	17 39	57.21	+67 50	7.1	1.2	13.2	7.7	0.4	
1740.0+6819	10	17 39	58.88	+68 19	8.8	1.2	14.9	47.5	1.9	ID
1740.0+6458	11	17 39	59.72	+64 58	14.4	1.8	8.4	1.5	0.1	S
1740.0+6445A	11	17 40	1.24	+64 45	25.3	1.9	16.9	9.6	0.5	
1740.0+6445B	16	17 40	1.71	+64 45	23.7	1.9	17.8	9.8	0.6	
1740.0+6422	16	17 40	2.45	+64 22	49.7	1.2	11.3	2.2	0.1	
1740.0+6628	13	17 40	2.60	+66 28	14.4	1.2	1.9	40.2	1.2	ID
1740.1+6549	9	17 40	5.78	+65 49	8.7	2.4	17.4	2.0	0.3	
1740.1+6442	16	17 40	7.72	+64 42	0.8	1.7	14.6	0.8	0.2	
1740.2+6858	14	17 40	11.16	+68 58	8.5	2.4	2.6	0.8	0.2	
1740.2+6744	17	17 40	11.38	+67 44	58.5	1.9	16.8	18.4	0.9	
1740.2+6457	11	17 40	11.49	+64 57	10.3	1.8	9.9	0.7	0.2	S
1740.2+6513	11	17 40	14.26	+65 13	48.3	1.9	16.9	5.4	0.4	
1740.3+6654	8	17 40	16.42	+66 54	32.6	2.5	19.8	12.5	1.1	
1740.3+6703	8	17 40	16.78	+67 3	17.6	3.9	19.3	2.9	0.8	
1740.3+6741	12	17 40	17.20	+67 41	19.5	7.3	13.2	2.7	0.6	S
1740.3+6749	17	17 40	18.36	+67 49	29.2	3.1	12.5	1.4	0.3	
1740.3+6601A	9	17 40	18.40	+66 1	26.5	1.5	14.9	1.8	0.2	
1740.3+6652	8	17 40	18.63	+66 52	49.8	3.0	20.6	11.1	1.3	
1740.3+6601B	19	17 40	19.22	+66 1	25.1	2.1	15.3	1.8	0.2	
1740.3+6634	13	17 40	20.07	+66 34	38.9	1.6	5.2	2.0	0.2	
1740.3+6508	11	17 40	20.52	+65 8	49.5	1.6	13.7	1.3	0.2	
1740.4+6443	16	17 40	21.75	+64 43	2.9	1.2	14.7	36.9	1.4	E [0.5@240°]
1740.4+6421	16	17 40	22.03	+64 21	17.3	1.4	10.9	0.8	0.2	
1740.5+6839	10	17 40	28.66	+68 39	16.7	2.8	15.9	2.5	0.3	
1740.5+6826	10	17 40	29.20	+68 26	6.1	1.5	13.6	1.8	0.2	
1740.5+6638	13	17 40	31.52	+66 38	47.9	1.4	9.4	1.3	0.2	ID
1740.5+6821	10	17 40	32.73	+68 21	19.1	2.1	15.9	4.0	0.4	
1740.6+6517	15	17 40	35.89	+65 17	17.4	1.3	12.8	4.3	0.2	D [0.5@220°]
1740.6+6853	14	17 40	38.43	+68 53	41.3	1.7	6.3	1.0	0.2	
1740.7+6705	8	17 40	40.31	+67 5	40.3	3.9	22.1	0.7	0.1	
1740.7+6638	13	17 40	42.23	+66 38	44.1	1.2	9.8	8.0	1.7	
1740.7+6742	17	17 40	42.61	+67 42	24.7	3.8	18.2	164.0	5.3	ID
								3.2	0.7	
								4.4	0.7	

Name	Field	Position		Δ	ρ	Total	Speak	SNR	Notes				
1740.7+6533	15	17 40	43.03	+65 33	45.2	1.2	3.7	6.8	0.2	4.5	0.2	68	E [0.9@310°] (F)
1740.8+6737	12	17 40	45.89	+67 37	45.4	1.2	12.2	41.1	1.5	47.7	1.7	129	ID
1740.8+6454	11	17 40	47.24	+64 54	6.0	1.6	14.6	2.1	0.2	1.6	0.2	7	
1740.8+6853	14	17 40	49.27	+68 53	55.0	2.4	6.3	1.1	0.1	0.5	0.1	6	
1740.8+6351	22	17 40	49.85	+63 51	43.7	2.0	22.6	15.7	1.5	15.9	1.5	9	S
1740.8+6526	15	17 40	50.82	+65 26	5.4	1.5	4.0	1.2	0.1	0.5	0.1	8	
1740.9+6448	16	17 40	53.45	+64 48	24.0	2.1	18.7	3.5	0.4	3.9	0.5	8	ID
1740.9+6757	17	17 40	53.71	+67 57	13.9	2.8	4.4	0.6	0.2	1.0	0.1	11	
1740.9+6907	14	17 40	54.76	+69 7	51.9	1.2	8.1	27.8	0.9	19.2	0.6	202	
1741.0+6438	16	17 41	1.26	+64 38	58.6	1.2	9.3	1.5	0.1	1.3	0.1	16	
1741.0+6351	22	17 41	2.85	+63 51	1.2	2.1	21.6	16.1	1.3	10.7	1.1	8	S
1741.1+6509	20	17 41	3.45	+65 9	25.3	1.9	17.8	16.5	0.8	9.0	0.5	23	D [0.6@90°] (F)
1741.1+6618	13	17 41	7.49	+66 18	34.5	1.2	13.5	5.5	0.4	6.0	0.4	21	ID
1741.1+6815	17	17 41	7.78	+68 15	9.9	2.0	15.3	11.1	0.6	8.8	0.5	31	D [0.9@200°]
1741.1+6703	18	17 41	7.91	+67 3	14.5	1.2	6.8	79.7	2.5	73.4	2.3	603	ID
1741.2+6411	16	17 41	9.03	+64 11	49.7	1.9	18.3	8.1	0.5	10.0	0.6	22	
1741.2+6356	22	17 41	9.93	+63 56	5.8	1.9	19.2	16.7	1.0	19.1	1.1	29	S
1741.2+6803	17	17 41	10.32	+68 3	45.1	4.8	4.2	0.5	0.2	0.7	0.1	7	ID
1741.2+6752	17	17 41	13.11	+67 52	5.0	5.4	8.0	0.6	0.2	0.7	0.2	6	
1741.3+6426	16	17 41	15.54	+64 26	15.9	1.6	3.8	0.7	0.1	0.4	0.1	7	
1741.3+6508	20	17 41	16.01	+65 8	6.0	2.1	16.0	2.8	0.3	2.3	0.3	9	D? [0.4@290°]
1741.4+6715	18	17 41	23.20	+67 15	39.1	2.0	16.3	6.0	0.6	5.0	0.5	10	
1741.4+6741	17	17 41	23.27	+67 41	49.1	3.5	18.2	3.5	0.7	4.8	0.7	9	
1741.4+6424	16	17 41	23.92	+64 24	46.6	1.2	5.2	17.0	0.5	14.0	0.4	241	E [0.4@270°]
1741.4+6349	22	17 41	25.11	+63 49	52.2	2.0	19.9	12.4	0.9	7.9	0.7	10	S
1741.4+6510	20	17 41	25.88	+65 10	14.0	2.1	16.3	3.0	0.3	2.2	0.3	8	
1741.5+6620	13	17 41	27.60	+66 20	55.2	1.2	13.0	21.2	0.8	24.1	0.9	94	ID
1741.5+6552	19	17 41	27.99	+65 52	34.5	1.2	11.0	5.3	0.2	4.6	0.2	55	
1741.5+6357	22	17 41	31.66	+63 57	25.8	1.9	16.6	7.5	0.4	7.0	0.4	20	S
1741.5+6509	20	17 41	31.82	+65 9	20.6	1.9	15.3	4.2	0.3	3.4	0.3	15	
1741.6+6524	15	17 41	36.60	+65 24	48.8	1.2	7.5	2.2	0.1	2.0	0.1	24	
1741.6+6701	18	17 41	37.41	+67 1	44.6	1.2	3.5	5.3	0.2	4.4	0.2	43	
1741.6+6850	14	17 41	37.86	+68 50	12.3	2.0	11.5	1.3	0.2	1.0	0.2	7	
1741.7+6459	20	17 41	40.76	+64 59	8.2	1.4	11.1	1.3	0.1	1.0	0.1	9	E? [0.2@300°]
1741.7+6510	20	17 41	44.91	+65 10	51.7	2.3	15.3	1.3	0.2	1.4	0.2	7	
1741.8+6504	20	17 41	45.62	+65 4	14.3	1.2	11.4	20.2	0.7	22.2	0.8	197	
1741.8+6804	17	17 41	46.42	+68 4	4.2	1.3	4.3	2.5	0.2	2.9	0.2	30	ID

Name	Field	Position	Δ	ρ	Stotal	Speak	SNR	Notes
1741.8+6510	20	17 41 47.53 +65 10 19.8	1.7	14.7	1.7	0.2	7	
1741.8+6705	18	17 41 50.27 +67 5 45.6	1.2	6.0	2.8	0.2	23	
1741.9+6411	16	17 41 53.30 +64 11 48.6	1.9	18.5	51.2	2.4	125	
1741.9+6410	22	17 41 54.77 +64 10 33.2	2.1	17.4	2.9	0.4	8	
1741.9+6435	16	17 41 55.33 +64 35 13.5	1.3	6.2	1.7	0.1	14	
1741.9+6803	17	17 41 55.76 +68 3 18.3	1.2	4.1	7.0	0.3	94	ID
1741.9+6416	16	17 41 56.17 +64 16 14.1	1.2	14.2	2.8	0.2	17	E? [0.2@240"]
1742.0+6536	15	17 41 57.64 +65 36 8.8	1.2	9.8	10.8	0.4	104	
1742.0+6432	16	17 41 58.55 +64 32 44.3	1.7	4.6	0.6	0.1	6	
1742.0+6635	13	17 41 59.16 +66 35 35.3	1.6	13.5	4.0	0.4	8	
1742.0+6527	15	17 42 0.73 +65 27 57.3	1.2	8.2	13.4	0.4	93	D [0.4@220"]
1742.1+6920	14	17 42 3.39 +69 20 3.3	2.6	21.7	6.7	1.2	7	
1742.1+6423	16	17 42 4.95 +64 23 29.0	1.6	7.8	0.7	0.1	7	
1742.1+6847	14	17 42 5.20 +68 47 42.7	1.3	15.0	4.0	0.3	17	
1742.1+6613	19	17 42 5.76 +66 13 18.3	1.2	14.0	2.4	0.2	24	
1742.1+6512	20	17 42 8.39 +65 12 13.6	1.2	14.7	113.1	4.3	609	E? [0.5@310"]
1742.2+6917	14	17 42 9.16 +69 17 28.1	2.7	19.5	2.8	0.7	7	
1742.2+6858	14	17 42 10.69 +68 58 30.3	1.2	9.0	167.3	5.3	27	ID
1742.2+6904	14	17 42 10.81 +69 4 46.1	1.2	10.1	6.0	0.2	41	E [0.5@30"]
1742.2+6517	15	17 42 11.46 +65 17 54.4	2.0	15.2	3.7	0.3	12	
1742.2+6831	21	17 42 12.16 +68 31 40.1	1.2	7.8	8.3	0.3	116	ID
1742.2+6640	13	17 42 13.70 +66 40 39.1	1.9	17.4	70.8	3.2	115	
1742.2+6745	17	17 42 14.73 +67 45 29.6	4.5	15.1	1.8	0.4	8	
1742.3+6820	21	17 42 15.03 +68 20 57.8	1.3	11.8	2.9	0.2	28	ID
1742.3+6424	16	17 42 15.16 +64 24 53.7	1.5	7.5	0.9	0.2	7	
1742.3+6708	18	17 42 17.83 +67 8 34.6	1.2	8.6	3.6	0.2	18	
1742.3+6611	19	17 42 19.49 +66 11 5.8	1.2	11.4	1.9	0.1	20	
1742.3+6518	15	17 42 19.68 +65 18 12.4	1.9	15.5	15.0	0.7	43	E? [0.4@320"]
1742.3+6501	20	17 42 19.73 +65 1 29.3	1.5	7.1	0.8	0.1	9	
1742.3+6700	18	17 42 20.58 +67 0 37.6	1.2	1.3	6.8	0.2	22	D [0.6@260"] (F)
1742.3+6701	18	17 42 20.66 +67 1 32.7	1.5	1.9	2.4	0.2	10	(F)
1742.3+6358	22	17 42 20.80 +63 58 1.5	1.3	11.1	1.2	0.1	11	
1742.4+6558	19	17 42 21.99 +65 58 58.3	1.2	2.8	10.0	0.3	208	D [0.5@100"] (F)
1742.4+6430	16	17 42 23.94 +64 30 43.0	1.2	6.5	3.9	0.1	35	
1742.5+6557	19	17 42 29.37 +65 57 34.3	1.6	3.1	0.4	0.1	9	
1742.5+6403	22	17 42 29.95 +64 3 1.8	1.3	10.4	0.7	0.2	11	
1742.5+6747	17	17 42 30.30 +67 47 10.9	4.0	14.1	1.0	0.3	8	

Name	Field	Position		A	p	Stotal	Speak	SNR	Notes
1742.5+6431	16	17 42	30.86 +64 31	17.8	1.2	7.3	8.7	0.3	6.3 0.2 94
1742.5+6849	14	17 42	31.24 +68 49	22.0	2.2	15.2	3.1	0.3	2.3 0.3 9
1742.6+6614	19	17 42	36.26 +66 14	12.8	1.2	14.3	10.0	0.4	9.2 0.4 66 ID
1742.6+6550	19	17 42	37.02 +65 50	18.4	1.8	9.7	0.9	0.2	0.5 0.1 7
1742.6+6351	22	17 42	37.20 +63 51	31.1	1.4	12.6	2.5	0.2	1.3 0.2 9
1742.6+6822	21	17 42	38.88 +68 22	51.8	3.8	8.8	0.5	0.1	0.5 0.1 6
1742.7+6430	16	17 42	39.55 +64 30	3.4	1.6	8.1	0.7	0.1	0.5 0.1 7
1742.7+6904	14	17 42	39.82 +69 4	37.8	1.2	12.5	66.6	2.3	42.3 1.5 270 ID
1742.7+6901	14	17 42	41.42 +69 1	29.7	2.3	11.9	1.2	0.2	0.9 0.2 7
1742.7+6833	21	17 42	41.98 +68 33	29.6	1.3	6.0	1.6	0.1	1.6 0.1 22
1742.8+6655	18	17 42	47.16 +66 55	19.0	1.2	6.0	13.0	0.4	9.8 0.3 85
1742.8+6408	22	17 42	47.25 +64 8	52.3	1.5	12.0	1.4	0.2	1.1 0.2 8
1742.8+6849	14	17 42	47.92 +68 49	12.8	2.5	16.4	1.9	0.4	2.4 0.4 8
1742.8+6407	22	17 42	47.95 +64 7	34.9	1.2	11.0	4.9	0.2	3.6 0.2 30
1742.8+6759	17	17 42	50.29 +67 59	34.7	1.2	7.5	4.1	0.2	5.6 0.2 51 ID
1742.8+6345	22	17 42	50.47 +63 45	39.7	2.2	16.3	3.2	0.3	2.3 0.3 7
1742.9+6628	24	17 42	52.96 +66 28	35.7	1.2	12.5	25.1	0.9	20.1 0.7 103 ID
1742.9+6401	22	17 42	53.14 +64 1	54.3	1.4	7.7	0.7	0.1	0.8 0.1 10
1742.9+6435	16	17 42	53.66 +64 35	40.8	1.4	11.2	0.6	0.1	1.0 0.1 9
1742.9+6547	19	17 42	54.80 +65 47	12.1	1.3	12.9	2.0	0.1	1.8 0.1 16
1742.9+6450	20	17 42	56.66 +64 50	24.1	1.2	10.1	9.8	0.3	9.8 0.3 104
1743.0+6344	22	17 42	59.42 +63 44	45.7	1.9	16.7	77.3	3.3	14.6 0.7 41 ID
1743.0+6549	19	17 42	59.66 +65 49	14.4	1.2	10.8	5.6	0.2	5.1 0.2 64 ID
1743.0+6414	22	17 43	0.30 +64 14	59.7	2.0	16.4	4.2	0.3	3.1 0.3 9
1743.1+6842	21	17 43	3.50 +68 42	39.9	1.2	13.1	47.7	1.7	21.1 0.8 141 ID
1743.1+6428	16	17 43	4.54 +64 28	26.3	1.4	10.9	1.7	0.1	0.9 0.1 9
1743.1+6405	22	17 43	5.33 +64 5	21.1	1.4	8.1	0.7	0.1	0.8 0.1 10
1743.1+6345	22	17 43	5.60 +63 45	13.3	1.9	16.0	68.0	2.8	57.0 2.3 189 ID
1743.1+6410	22	17 43	6.17 +64 10	6.3	1.2	11.8	2.2	0.2	2.0 0.2 15
1743.1+6701	18	17 43	6.95 +67 1	18.2	1.2	5.8	5.6	0.2	2.8 0.2 25
1743.1+6732	23	17 43	7.85 +67 32	32.5	2.6	7.4	17.8	0.6	1.8 0.3 8
1743.2+6600	19	17 43	10.88 +66 0	21.2	1.2	2.3	1.6	0.1	1.6 0.1 36
1743.2+6843	21	17 43	11.01 +68 43	7.7	1.2	13.4	49.7	1.8	23.6 0.9 151 ID
1743.3+6438	16	17 43	17.48 +64 38	36.3	1.3	15.0	3.1	0.2	2.5 0.2 12
1743.3+6711	18	17 43	19.79 +67 11	37.3	1.4	13.6	2.9	0.3	2.8 0.3 10
1743.3+6845	21	17 43	20.25 +68 45	9.7	1.9	15.3	11.6	0.5	13.7 0.6 63 ID
1743.3+6852	14	17 43	20.75 +68 52	34.3	2.8	17.0	2.1	0.4	2.2 0.4 6

Name	Field	Position		Δ	ρ	Stotal	Speak	SNR	Notes
1743.4+6609	19	17 43	22.69 +66	9 16.3	1.6	9.9	0.5 0.1	8	
1743.4+6342	22	17 43	23.52 +63	42 57.8	1.9	17.5	214.4 9.5	416	ID E [0.5@80"]
1743.4+6425	16	17 43	23.91 +64	25 5.7	1.7	13.9	1.0 0.2	6	
1743.4+6605	19	17 43	24.80 +66	5 17.4	1.2	6.5	23.1 0.7	349	ID
1743.5+6823	21	17 43	27.21 +68	23 19.0	1.8	6.7	0.8 0.2	12	
1743.5+6417	16	17 43	27.96 +64	17 42.7	2.1	18.2	1.9 0.4	8	
1743.5+6343	22	17 43	32.28 +63	43 19.7	2.1	16.9	2.6 0.3	8	ID
1743.6+6515	20	17 43	33.22 +65	15 45.1	2.3	15.8	1.4 0.2	6	
1743.6+6433	16	17 43	34.21 +64	33 19.1	1.2	14.5	17.2 0.7	83	E [0.3@90"]
1743.6+6537	25	17 43	34.49 +65	37 47.8	1.6	14.6	3.4 0.7	8	S
1743.6+6736	23	17 43	34.57 +67	36 12.8	1.2	7.6	129.8 4.0	80	ID
1743.6+6602	19	17 43	34.91 +66	2 56.3	1.2	5.6	11.7 0.4	231	ID
1743.6+6348	22	17 43	35.63 +63	48 18.5	1.4	12.1	0.8 0.2	8	
1743.6+6618	24	17 43	36.02 +66	18 17.3	1.5	14.3	5.3 0.4	10	
1743.6+6359	22	17 43	37.19 +63	59 55.4	1.2	2.6	1.5 0.1	19	
1743.6+6430	16	17 43	38.20 +64	30 18.3	1.2	14.5	221.1 8.3	966	ID D [0.7@90"] *1743.7+6430
1743.7+6415	22	17 43	39.02 +64	15 22.4	2.1	15.6	3.1 0.3	8	
1743.7+6756	17	17 43	39.94 +67	56 4.3	4.3	12.9	0.9 0.3	8	
1743.7+6616	19	17 43	40.46 +66	16 35.0	2.3	17.4	2.0 0.3	8	
1743.7+6541	19	17 43	41.41 +65	41 56.9	2.2	18.9	1.6 0.4	8	
1743.7+6342	22	17 43	42.14 +63	42 36.4	1.9	17.5	11.8 0.6	23	ID
1743.7+6520	25	17 43	42.79 +65	20 57.5	1.2	14.7	27.4 1.2	26	D [0.4@140"]
1743.7+6430	16	17 43	44.78 +64	30 20.2	1.9	15.2	247.3 9.6	256	ID D [0.7@90"] *1743.6+6430
1743.8+6442	20	17 43	47.47 +64	42 7.2	1.9	18.0	8.2 0.5	17	
1743.8+6426	16	17 43	48.64 +64	26 10.4	2.2	16.1	1.8 0.2	6	
1743.8+6544	19	17 43	48.92 +65	44 23.9	1.9	16.8	20.3 0.9	93	
1743.8+6613	19	17 43	50.62 +66	13 56.0	2.2	15.3	2.4 0.2	8	S
1743.9+6413	22	17 43	52.58 +64	13 8.0	1.3	13.2	1.8 0.2	11	
1743.9+6552	19	17 43	53.36 +65	52 12.1	1.2	10.2	1.7 0.1	23	
1743.9+6436	16	17 43	53.57 +64	36 33.9	2.1	17.4	3.2 0.3	8	
1744.0+6717	23	17 43	57.57 +67	17 31.9	2.7	12.7	26.0 1.1	8	
1744.0+6638	24	17 43	58.22 +66	38 19.8	1.2	10.1	433.2 14.0	286	ID D [0.4@250"]
1744.0+6702	18	17 43	58.47 +67	2 3.5	1.3	10.9	2.2 0.2	12	
1744.0+6709	18	17 43	58.97 +67	9 47.5	1.5	14.6	5.0 0.4	9	
1744.0+6834	21	17 44	0.66 +68	34 15.5	1.7	4.8	0.7 0.1	13	
1744.0+6426	26	17 44	1.74 +64	26 39.4	1.6	13.6	3.3 0.3	7	
1744.1+6640	24	17 44	3.61 +66	40 3.2	1.6	11.3	1.5 0.2	9	ID

Name	Field	Position		Δ	ρ	Stotal	Speak	SNR	Notes				
1744.1+6751	28	17 44	6.84	+67 51	26.2	1.9	17.6	22.7	1.1	13.7	0.7	29	E [0.4@260"] (F)
1744.1+6559	19	17 44	7.79	+65 59	21.6	1.6	8.1	0.6	0.1	0.5	0.1	8	
1744.2+6538	25	17 44	9.50	+65 38	33.3	1.2	12.2	23.7	0.9	20.0	0.8	47	
1744.2+6348	22	17 44	10.32	+63 48	58.0	1.2	11.0	4.7	0.2	3.7	0.2	31	
1744.3+6508	20	17 44	16.24	+65 8	44.6	1.2	10.2	8.8	0.3	8.7	0.3	92	
1744.3+6641	24	17 44	16.53	+66 41	40.4	1.4	12.4	2.3	0.2	2.0	0.2	11	
1744.3+6340	22	17 44	17.09	+63 40	14.7	2.0	19.8	10.6	0.8	6.7	0.7	9	S
1744.3+6505	20	17 44	17.57	+65 5	0.2	1.8	7.4	0.6	0.1	0.5	0.1	6	
1744.3+6817	21	17 44	18.59	+68 17	14.3	1.2	13.4	4.5	0.3	5.9	0.3	38	
1744.4+6517	20	17 44	23.09	+65 17	55.2	2.3	18.9	4.4	0.5	3.2	0.5	6	
1744.4+6357	22	17 44	23.81	+63 57	24.0	1.2	3.6	1.6	0.1	1.6	0.1	25	
1744.4+6632	24	17 44	25.11	+66 32	20.4	1.4	3.9	2.1	0.1	1.0	0.1	11	
1744.5+6608	19	17 44	27.21	+66 8	35.8	1.7	13.3	1.0	0.1	0.9	0.1	7	S
1744.5+6644	24	17 44	29.93	+66 44	14.7	1.4	14.5	3.2	0.3	2.8	0.3	10	
1744.5+6810	28	17 44	32.40	+68 10	51.0	1.9	16.9	10.1	0.5	9.2	0.5	23	
1744.6+6450	20	17 44	34.64	+64 50	2.6	1.5	12.4	1.5	0.2	1.1	0.1	9	
1744.6+6517	20	17 44	35.21	+65 17	7.1	2.3	18.6	3.8	0.5	3.0	0.5	6	
1744.7+6630	24	17 44	40.99	+66 30	11.4	1.2	1.6	4.2	0.2	3.8	0.2	45	ID
1744.7+6754	28	17 44	41.96	+67 54	43.1	1.4	13.2	3.0	0.2	1.4	0.2	8	
1744.7+6750	28	17 44	42.87	+67 50	47.1	1.9	15.1	38.1	1.5	34.8	1.4	132	E [0.5@200"]
1744.7+6416	22	17 44	43.38	+64 16	28.6	1.9	17.1	6.2	0.4	6.6	0.4	17	E [0.2@50"]
1744.7+6450	20	17 44	43.45	+64 50	39.9	1.7	12.5	1.4	0.2	0.9	0.1	7	
1744.8+6548	19	17 44	45.02	+65 48	22.8	2.3	16.7	1.6	0.2	1.7	0.2	8	
1744.8+6856	27	17 44	49.97	+68 56	18.9	1.2	7.7	4.7	0.2	4.1	0.2	31	
1744.8+6824	21	17 44	50.35	+68 24	27.5	1.7	8.8	0.9	0.2	1.1	0.1	13	
1744.9+6422	26	17 44	52.97	+64 22	43.0	1.2	10.5	6.0	0.3	6.7	0.3	41	
1744.9+6439	26	17 44	53.06	+64 39	20.6	1.3	12.0	4.4	0.3	2.6	0.2	13	
1744.9+6642	24	17 44	53.45	+66 42	53.7	1.2	12.9	29.8	1.1	28.1	1.0	135	
1744.9+6443	26	17 44	54.76	+64 43	53.5	2.3	15.7	4.0	0.4	2.5	0.4	6	
1744.9+6504	20	17 44	55.57	+65 4	23.9	1.6	10.4	1.1	0.1	0.7	0.1	7	
1745.0+6840	21	17 44	57.54	+68 40	22.7	1.3	12.8	2.5	0.2	3.7	0.2	26	
1745.0+6631	24	17 45	2.53	+66 31	10.7	1.5	1.3	1.0	0.1	0.8	0.1	10	
1745.1+6632	24	17 45	3.09	+66 32	39.0	1.3	2.7	2.0	0.1	1.5	0.1	17	ID
1745.1+6436	26	17 45	3.21	+64 36	52.2	1.2	9.4	4.9	0.2	4.5	0.2	31	
1745.1+6740	23	17 45	7.70	+67 40	25.5	1.2	11.3	131.9	4.4	18.8	0.8	57	ID
1745.1+6602	19	17 45	8.97	+66 2	41.5	1.5	14.6	1.1	0.2	1.4	0.2	10	
1745.2+6711	29	17 45	11.74	+67 11	29.5	2.0	16.7	10.6	1.3	15.8	1.4	15	

Name	Field	Position		Δ	ρ	Total	Speak	SNR	Notes
1745.2+6719	23	17 45	13.22 +67 19	8.6	1.5	32.1 1.2	5.2 0.5	15	
1745.3+6706	29	17 45	15.14 +67 6	28.6	1.4	7.1 0.8	7.7 0.8	13	
1745.3+6908	27	17 45	15.93 +69 8	52.7	1.7	1.8 0.2	1.4 0.2	9	
1745.3+6833	21	17 45	15.95 +68 33	35.0	1.3	1.9 0.1	2.6 0.2	26	ID
1745.3+6907	27	17 45	19.10 +69 7	35.5	1.2	6.6 0.3	6.9 0.3	49	
1745.3+6821	21	17 45	19.31 +68 21	51.4	1.2	7.4 0.3	8.5 0.3	62	
1745.3+6910	27	17 45	19.35 +69 10	30.8	1.6	2.7 0.3	1.7 0.2	9	
1745.3+6535	25	17 45	20.83 +65 35	10.8	1.4	5.3	2.0 0.3	10	S
1745.4+6414	22	17 45	22.47 +64 14	23.8	1.9	17.0	157.9 6.8	415	E? [0.4@40°]
1745.4+6856	27	17 45	23.19 +68 56	5.6	1.4	147.7 6.4	1.3 0.2	11	ID
1745.4+6910	27	17 45	26.45 +69 10	47.9	1.8	1.5 0.2	1.5 0.2	8	
1745.5+6408	22	17 45	29.99 +64 8	0.5	1.5	2.8 0.3	1.2 0.2	7	S
1745.5+6528	25	17 45	30.01 +65 28	8.9	1.6	1.7 0.2	1.3 0.3	7	S
1745.5+6506	20	17 45	30.08 +65 6	4.5	1.6	2.6 0.2	1.4 0.2	7	
1745.5+6409	22	17 45	32.57 +64 9	20.4	1.4	2.2 0.2	1.7 0.2	9	S
1745.6+6856	27	17 45	33.28 +68 56	6.0	1.2	73.9 2.3	72.7 2.2	662	ID
1745.6+6701	29	17 45	34.74 +67 1	30.9	2.3	1.6 0.5	2.3 0.5	6	
1745.6+6402	22	17 45	35.46 +64 2	0.1	1.4	0.7 0.2	0.9 0.1	8	
1745.6+6408	22	17 45	35.58 +64 8	26.0	1.4	2.3 0.2	1.6 0.2	9	
1745.7+6953	32	17 45	41.22 +69 53	52.3	1.9	49.9 2.5	49.7 2.5	74	
1745.7+6703	29	17 45	43.79 +67 3	50.7	1.4	5.4 0.5	4.8 0.5	14	ID
1745.7+6620	24	17 45	43.98 +66 20	14.6	1.3	2.5 0.2	2.5 0.2	16	
1745.8+6859	27	17 45	45.68 +68 59	5.6	1.2	11.5 0.4	11.0 0.4	108	
1745.8+6429	26	17 45	46.66 +64 29	24.9	1.3	1.3 0.1	1.2 0.1	14	
1745.8+6603	30	17 45	50.79 +66 3	48.7	1.3	2.2 0.2	2.1 0.2	12	
1745.9+6422	26	17 45	53.83 +64 22	13.0	1.6	7.8	0.9 0.2	7	S
1745.9+6703	29	17 45	54.48 +67 3	49.6	1.2	656.5 20.9	646.4 20.5	30	E [0.7@340°]
1746.0+6356	22	17 45	57.38 +63 56	31.8	1.4	1.9 0.2	1.5 0.2	9	
1746.0+6604	30	17 45	57.40 +66 4	9.3	1.2	4.7 0.2	4.1 0.2	25	
1746.0+6623	24	17 45	58.23 +66 23	17.9	1.2	87.8 2.8	81.3 2.6	645	ID
1746.0+6835	21	17 46	0.78 +68 35	10.2	1.4	3.4 0.3	3.3 0.3	18	
1746.0+6638	24	17 46	2.36 +66 38	13.9	1.7	1.6 0.2	1.2 0.2	8	ID
1746.0+6404	22	17 46	2.98 +64 4	48.2	1.2	7.8 0.4	9.6 0.4	46	
1746.1+6701	29	17 46	5.54 +67 1	30.6	2.2	1.4 0.4	1.8 0.4	7	
1746.1+6421	26	17 46	6.41 +64 21	49.5	1.2	237.4 7.4	187.3 5.9	521	E [0.4@30°]
1746.1+6553	30	17 46	7.17 +65 53	24.0	1.2	5.5 0.3	4.7 0.3	27	
1746.2+6514	31	17 46	9.13 +65 14	41.6	1.9	25.4 1.4	27.7 1.5	38	E? [0.3@330°]

Name	Field	Position		A	ρ	Stotal	Speak	SNR	Notes
1746.2+6430	26	17 46	10.20 +64 30	25.2	1.8	0.9	1.1 0.1	0.5 0.1	6 S
1746.3+6422	26	17 46	16.16 +64 22	12.9	1.3	7.9	2.6 0.2	1.3 0.2	11 ID
1746.3+6613	30	17 46	16.29 +66 13	22.0	1.9	16.0	6.5 0.5	5.5 0.4	15
1746.3+6437	26	17 46	18.13 +64 37	56.7	1.5	8.1	2.1 0.2	0.9 0.2	8 S
1746.4+6822	21	17 46	21.09 +68 22	46.1	1.9	16.9	10.9 0.6	9.0 0.5	30 S
1746.4+6445	26	17 46	21.45 +64 45	35.3	2.3	15.7	3.1 0.4	2.6 0.4	6
1746.4+6812	28	17 46	21.58 +68 12	7.7	1.2	12.5	19.1 0.7	19.2 0.7	124 S
1746.4+6446	26	17 46	23.05 +64 46	27.6	2.0	16.6	10.2 0.6	5.2 0.5	10 S
1746.4+6623	24	17 46	24.24 +66 23	44.9	1.2	10.7	12.2 0.5	12.3 0.5	81
1746.4+6606	30	17 46	24.47 +66 6	15.6	1.4	10.1	1.4 0.2	1.4 0.2	10
1746.5+6531	25	17 46	27.86 +65 31	53.4	1.2	6.0	14.8 0.6	14.8 0.6	68
1746.5+6916	27	17 46	29.26 +69 16	59.9	2.2	17.2	3.6 0.6	5.0 0.6	9
1746.5+6920	27	17 46	29.63 +69 20	43.2	1.9	20.8	218.8 11.9	244.5 13.3	179 ID
1746.5+6956	32	17 46	32.97 +69 56	56.6	1.2	13.6	6.5 0.3	5.7 0.3	28
1746.6+6910	27	17 46	34.94 +69 10	4.1	1.4	10.4	2.1 0.2	2.0 0.2	12
1746.6+6351	33	17 46	35.36 +63 51	28.5	2.3	15.7	1.0 0.3	1.5 0.2	6
1746.6+6614	30	17 46	35.78 +66 14	43.1	1.9	16.2	5.6 0.5	5.9 0.5	15
1746.6+6408	33	17 46	35.99 +64 8	58.7	2.2	15.9	2.5 0.2	1.8 0.2	7 S
1746.6+7014	32	17 46	36.64 +70 14	10.3	1.6	13.0	1.5 0.2	1.4 0.2	8
1746.6+6630	24	17 46	38.36 +66 30	19.8	1.2	10.1	5.9 0.3	3.8 0.2	27
1746.7+6342	33	17 46	40.63 +63 42	40.5	2.2	21.4	5.2 0.8	6.6 0.8	6
1746.7+6450	31	17 46	43.25 +64 50	20.8	1.8	13.4	2.2 0.2	1.2 0.2	6
1746.7+6440	26	17 46	43.32 +64 40	57.1	1.3	11.8	2.5 0.2	2.1 0.2	11 D [0.4@0"]
1746.8+6531	25	17 46	45.19 +65 31	19.2	1.3	7.6	4.9 0.4	3.7 0.3	15
1746.8+6506	31	17 46	48.70 +65 6	48.7	1.2	10.9	6.7 0.3	2.4 0.2	19 D [0.6@150"] »1746.9+6506
1746.8+6347	33	17 46	49.35 +63 47	10.4	2.2	17.3	2.2 0.3	2.4 0.3	7
1746.9+6506	31	17 46	51.47 +65 6	16.4	1.2	10.4	6.3 0.2	2.0 0.2	17 D [0.6@150"] »1746.8+6506
1746.9+6558	30	17 46	54.03 +65 58	54.9	1.2	5.1	6.8 0.2	5.8 0.2	65
1746.9+7021	32	17 46	54.45 +70 21	59.2	2.0	18.2	6.2 0.6	6.2 0.6	11
1746.9+6501	31	17 46	55.67 +65 1	24.0	1.2	8.0	15.7 0.5	13.4 0.4	147
1746.9+7009	32	17 46	56.78 +70 9	5.2	1.3	8.8	2.0 0.1	1.3 0.1	13
1747.0+6900	27	17 46	57.90 +69 0	56.8	1.2	4.8	2.8 0.2	2.6 0.2	24
1747.0+6542	30	17 46	59.28 +65 42	57.5	1.9	17.6	12.4 0.8	8.7 0.6	16
1747.0+7003	32	17 47	0.20 +70 3	49.6	1.8	8.1	1.4 0.1	0.6 0.1	7
1747.0+6420	26	17 47	1.06 +64 20	12.6	1.4	11.6	1.9 0.2	1.6 0.2	9
1747.0+6344	33	17 47	1.60 +63 44	48.5	2.0	18.4	4.5 0.4	5.3 0.5	12
1747.0+6411	33	17 47	2.78 +64 11	58.5	2.3	15.7	1.9 0.2	1.5 0.2	6

Name	Field	Position	Δ	ρ	Total	Speak	SNR	Notes
1747.1+6532	25	17 47 3.64 +65 32 35.5	1.3	9.7	5.6 0.4	3.8 0.4	13	ID D? [0.4@130"]
1747.1+6550	30	17 47 4.01 +65 50 58.5	1.2	9.8	38.3 1.2	12.6 0.4	96	ID D [0.6@190"] » 1747.1+6551
1747.1+6659	29	17 47 4.22 +66 59 11.8	1.7	1.4	2.0 0.3	2.0 0.3	9	
1747.1+6554	30	17 47 4.34 +65 54 57.3	1.2	6.4	11.6 0.4	9.1 0.3	94	
1747.1+6551	30	17 47 4.68 +65 51 32.9	1.2	9.3	36.8 1.2	14.2 0.5	114	ID D [0.6@190"] » 1747.1+6550
1747.1+6918	27	17 47 5.96 +69 18 13.6	1.9	19.0	86.8 4.3	91.2 4.5	107	E? [0.4@0"]
1747.1+6919	27	17 47 6.47 +69 19 54.0	2.3	20.6	11.7 1.4	10.0 1.3	8	
1747.1+6419	26	17 47 7.69 +64 19 52.9	1.4	12.4	2.0 0.2	1.9 0.2	9	
1747.1+6851	27	17 47 8.91 +68 51 57.3	1.2	9.9	10.9 0.4	10.7 0.4	67	
1747.2+6731	35	17 47 11.12 +67 31 7.5	1.2	13.8	17.0 0.7	12.9 0.5	81	
1747.2+6704	29	17 47 11.50 +67 4 20.7	2.0	4.4	2.0 0.4	1.8 0.4	7	
1747.2+6412	33	17 47 12.16 +64 12 51.7	2.3	15.8	2.2 0.2	1.5 0.2	6	
1747.2+6809	28	17 47 12.42 +68 9 8.6	1.3	9.3	1.4 0.1	0.8 0.1	9	ID (F)
1747.2+6813	28	17 47 12.43 +68 13 17.4	1.4	13.5	2.7 0.2	1.5 0.2	8	
1747.2+6532	25	17 47 13.62 +65 32 35.6	1.2	10.7	375.0 12.4	377.5 12.5	94	ID
1747.2+7005	32	17 47 14.50 +70 5 16.5	1.2	6.7	2.6 0.1	2.2 0.1	25	
1747.2+6415	33	17 47 14.98 +64 15 48.2	1.9	18.1	6.2 0.5	8.0 0.5	19	ID
1747.3+6810	28	17 47 15.05 +68 10 15.4	1.2	10.5	7.8 0.3	3.2 0.2	29	ID E? [0.4@190"] (F)
1747.3+6355	33	17 47 16.26 +63 55 53.0	1.4	9.5	0.6 0.1	0.7 0.1	8	
1747.3+6701	29	17 47 20.73 +67 1 23.5	1.2	1.5	48.4 1.5	9.1 0.4	40	D [1.1@190"] » 1747.4+6702
1747.4+6958	32	17 47 22.31 +69 58 30.1	1.3	9.5	3.4 0.2	1.6 0.1	14	E [0.4@90"] (F)
1747.4+6702	29	17 47 22.76 +67 2 31.0	1.2	2.6	48.8 1.5	22.3 0.8	97	D [1.1@190"] » 1747.3+6701
1747.4+6732	35	17 47 22.76 +67 32 49.0	1.2	12.9	3.2 0.2	3.0 0.2	22	
1747.4+6726	35	17 47 24.54 +67 26 20.6	1.2	13.0	34.1 1.2	26.5 0.9	190	ID
1747.4+6800	28	17 47 26.41 +68 0 16.2	1.4	3.4	2.2 0.1	0.5 0.1	8	
1747.4+6809	28	17 47 26.43 +68 9 45.2	1.2	10.3	40.6 1.3	17.8 0.6	163	ID D [0.4@170"] (F)
1747.5+6541	30	17 47 28.95 +65 41 5.7	2.2	19.0	12.2 0.9	6.0 0.7	8	
1747.5+6613	30	17 47 30.47 +66 13 14.8	1.2	13.3	28.3 1.0	25.0 0.9	116	ID
1747.5+6345	33	17 47 30.85 +63 45 28.1	1.9	16.2	77.3 3.2	61.4 2.5	228	E? [0.4@70"]
1747.5+6429	26	17 47 30.96 +64 29 41.6	1.5	9.5	1.9 0.2	1.1 0.2	8	
1747.5+6542	30	17 47 32.77 +65 42 5.8	2.3	17.9	6.8 0.6	3.8 0.6	7	
1747.5+6401	33	17 47 32.97 +64 1 38.5	1.2	7.0	4.2 0.2	3.3 0.1	51	ID
1747.6+6746	28	17 47 35.99 +67 46 6.4	1.4	14.6	2.1 0.2	1.7 0.2	7	
1747.7+6643A	36	17 47 39.55 +66 43 44.5	2.0	19.5	22.3 1.3	8.7 0.8	12	D [0.6@150"] » 1747.7+6643B
1747.7+6345	33	17 47 42.35 +63 45 5.9	2.1	16.0	1.2 0.2	1.9 0.2	7	
1747.7+6643B	36	17 47 42.89 +66 43 14.5	2.1	18.9	19.6 1.1	6.5 0.7	10	D [0.6@150"] » 1747.7+6643A
1747.8+6745	28	17 47 45.81 +67 45 0.8	1.9	15.9	6.7 0.4	6.0 0.3	19	

Name	Field	Position		Δ	ρ	Stotal	Speak	SNR	Notes
1747.8+6812	28	17 47	46.12 +68 12	35.3	1.2	13.7	3.0	0.2	2.7 0.2 14
1747.8+6405	33	17 47	46.94 +64 5	10.3	1.7	7.4	0.9	0.2	0.4 0.1 6
1747.8+7023	32	17 47	48.14 +70 23	3.3	1.9	17.6	24.1	1.2	25.7 1.2 54
1747.9+6859	27	17 47	51.73 +68 59	29.2	1.2	9.6	4.9	0.3	4.8 0.3 31
1747.9+6634	36	17 47	54.64 +66 34	6.1	1.4	13.0	3.3	0.2	1.9 0.2 10
1747.9+6550	30	17 47	54.87 +65 50	58.6	2.0	9.1	2.1	0.2	0.7 0.2 6
1747.9+7024	32	17 47	56.57 +70 24	9.2	1.9	18.6	11.3	0.8	11.2 0.8 18
1748.0+6522	37	17 47	57.59 +65 22	57.4	1.9	16.6	9.4	0.6	8.5 0.5 22
1748.0+6459	31	17 47	57.99 +64 59	37.9	1.2	1.3	6.9	0.2	5.9 0.2 89
1748.0+6405	33	17 47	58.04 +64 5	0.1	1.7	6.4	1.0	0.2	0.4 0.1 6
1748.0+6554	30	17 48	1.19 +65 54	47.9	2.0	5.5	0.9	0.2	0.6 0.1 6
1748.1+6656	29	17 48	3.46 +66 56	27.6	1.3	5.8	3.4	0.4	3.6 0.4 14
1748.1+6723	35	17 48	3.58 +67 23	4.5	1.9	11.1	0.9	0.2	0.8 0.1 7
1748.1+6559	30	17 48	3.98 +65 59	7.8	1.2	2.3	72.2	2.2	57.4 1.8 707
1748.1+6916	27	17 48	5.83 +69 16	55.2	2.1	20.1	10.9	1.2	12.6 1.3 11
1748.1+6740	35	17 48	7.60 +67 40	50.1	1.4	13.7	1.6	0.2	1.7 0.2 11
1748.1+6458	31	17 48	8.87 +64 58	34.5	1.9	1.4	1.3	0.1	0.4 0.1 6
1748.1+6415	33	17 48	8.99 +64 15	12.7	2.0	15.5	4.4	0.3	2.7 0.2 12
1748.2+6703	29	17 48	9.20 +67 3	3.9	1.2	6.0	217.0	6.7	181.1 5.6 698
1748.2+6857	27	17 48	12.38 +68 57	57.5	1.2	11.6	45.9	1.6	43.0 1.5 215
1748.2+7019	32	17 48	13.57 +70 19	14.6	1.8	13.5	2.0	0.2	1.3 0.2 6
1748.2+6656	29	17 48	14.41 +66 56	26.3	1.2	6.7	530.2	16.4	525.6 16.3 945
1748.3+6400	33	17 48	16.80 +64 0	8.7	1.4	2.0	0.6	0.1	0.5 0.1 9
1748.3+6825	34	17 48	17.59 +68 25	44.8	1.4	6.0	2.2	0.2	1.9 0.2 15
1748.3+6534	37	17 48	18.54 +65 34	23.6	1.2	13.6	5.4	0.3	6.0 0.3 28
1748.4+6805	28	17 48	21.69 +68 5	49.1	1.3	10.3	1.9	0.1	1.0 0.1 9
1748.4+6950	32	17 48	22.75 +69 50	17.6	2.3	15.6	4.0	0.3	2.0 0.3 7
1748.4+6404	33	17 48	23.03 +64 4	5.6	1.4	4.3	1.4	0.1	0.5 0.1 8
1748.4+6743	35	17 48	24.63 +67 43	38.1	2.6	15.2	1.4	0.2	1.4 0.2 7
1748.5+6404	33	17 48	27.58 +64 4	5.8	1.7	4.2	0.6	0.1	0.3 0.1 6
1748.5+6413	33	17 48	29.31 +64 13	3.9	1.4	13.1	2.4	0.2	1.3 0.2 9
1748.5+6614	30	17 48	32.58 +66 14	28.7	2.1	15.4	6.0	0.4	2.7 0.3 8
1748.5+6605	30	17 48	32.67 +66 5	24.3	1.6	7.4	1.4	0.1	0.8 0.1 8
1748.5+7005	32	17 48	32.84 +70 5	51.0	1.2	1.0	711.6	21.7	743.1 22.6 594
1748.6+6710	29	17 48	33.05 +67 10	8.6	1.5	12.7	12.5	0.8	5.4 0.7 11
1748.6+6402	33	17 48	33.17 +64 2	56.0	1.7	2.9	0.6	0.1	0.3 0.1 6
1748.6+6730	35	17 48	34.51 +67 30	31.1	1.2	5.7	118.3	3.6	51.5 1.6 782
									D [1.7@70°] »1748.9+6730 (F)

D [1.7@70'] → 1748.9+6730 (F)

Name	Field	Position	A	ρ	Stotal	Speak	SNR	Notes
1748.6+6340	33	17 48 36.62 +63 40 24.8	1.9	19.6	15.5	21.7	1.2	34
1748.6+6842	34	17 48 38.25 +68 42 17.4	1.6	12.6	2.5	2.8	0.3	12 ID
1748.7+6412	33	17 48 39.58 +64 12 37.0	1.4	12.7	2.4	1.2	0.1	9 S
1748.7+6712	35	17 48 40.84 +67 12 31.4	2.0	18.2	4.3	5.6	0.5	14
1748.8+6356	33	17 48 46.06 +63 56 54.7	1.7	3.3	0.4	0.3	0.1	6
1748.8+6829	34	17 48 47.07 +68 29 16.4	1.7	1.7	1.4	1.2	0.2	11
1748.8+6727	35	17 48 49.25 +67 27 34.6	1.7	4.9	0.6	0.6	0.1	9
1748.9+6730	35	17 48 51.52 +67 30 58.9	1.2	4.2	113.2	22.1	0.7	358 ID D [1.7@70'] *1748.6+6730 (F)
1748.9+6744	35	17 48 52.12 +67 44 19.0	1.3	14.9	4.0	2.8	0.2	14 ID
1748.9+6621	36	17 48 52.28 +66 21 58.5	1.2	10.3	58.7	45.8	1.5	365 ID
1748.9+6504	31	17 48 53.28 +65 4 26.2	1.2	6.3	3.8	3.8	0.2	47
1748.9+6530	37	17 48 53.57 +65 30 42.4	1.2	9.2	3.0	2.3	0.2	20
1748.9+6836	34	17 48 55.55 +68 36 54.2	1.4	6.9	1.4	2.1	0.2	16
1748.9+6727	35	17 48 56.22 +67 27 48.3	1.3	4.2	1.2	0.8	0.1	13 E [0.2@270']
1749.0+6431	38	17 48 58.64 +64 31 13.3	1.9	11.2	0.7	1.0	0.2	6
1749.0+6744	35	17 48 59.16 +67 44 59.6	1.9	15.4	48.5	40.4	1.6	187 ID
1749.0+6617	36	17 49 1.21 +66 17 3.5	1.2	14.2	16.9	12.3	0.5	54 E? [0.4@190']
1749.1+6911	39	17 49 3.47 +69 11 28.8	2.2	18.1	2.4	3.9	0.5	8 S
1749.1+6630	36	17 49 3.57 +66 30 2.4	1.6	5.4	2.4	0.7	0.1	8
1749.1+6847	34	17 49 3.83 +68 47 17.4	2.0	17.3	4.7	8.7	0.8	15
1749.1+6455	31	17 49 4.92 +64 55 10.4	1.2	7.5	4.7	4.0	0.2	46
1749.1+6735	35	17 49 6.18 +67 35 20.3	2.2	5.9	0.4	0.4	0.1	6
1749.1+6618	36	17 49 7.55 +66 18 51.4	1.3	12.3	3.4	2.4	0.2	14
1749.2+6819	34	17 49 9.10 +68 19 35.0	2.2	10.4	1.3	1.4	0.2	8
1749.2+6918	39	17 49 9.58 +69 18 58.0	2.0	23.2	14.3	22.8	2.1	12
1749.2+6901	39	17 49 10.71 +69 1 27.8	1.6	13.4	2.5	1.6	0.2	9
1749.2+6348	33	17 49 11.18 +63 48 48.1	1.2	11.9	7.7	7.2	0.3	62
1749.2+6632	36	17 49 12.25 +66 32 8.6	1.3	5.0	1.5	1.2	0.1	15
1749.2+6911	39	17 49 12.32 +69 11 28.9	2.3	17.5	3.7	3.2	0.5	8 S
1749.3+6345	33	17 49 18.54 +63 45 31.7	2.0	15.3	2.3	2.2	0.2	10 ID
1749.4+6631	36	17 49 21.50 +66 31 52.4	1.2	4.1	6.7	3.3	0.1	42 D [0.6@130']
1749.4+6625	36	17 49 22.18 +66 25 56.8	1.5	5.4	0.8	0.8	0.1	9 ID
1749.4+6400	33	17 49 22.42 +64 0 40.4	1.2	5.2	1.5	1.2	0.1	21
1749.4+7008	32	17 49 22.46 +70 8 59.2	1.2	5.2	27.4	3.2	0.1	41 ID D [1.1@120'] *1749.6+7008 (F)
1749.4+6413	33	17 49 23.05 +64 13 0.6	1.2	14.1	39.6	41.3	1.5	240
1749.4+6555	30	17 49 26.23 +65 55 9.1	1.9	11.6	1.0	1.0	0.2	6
1749.4+6409	33	17 49 26.31 +64 9 36.5	1.4	11.1	1.9	1.0	0.1	10 S

Name	Field	Position	A	p	Stotal	Speak	SNR	Notes
1749.5+6726	35	17 49 27.01 +67 26 25.3	1.2	3.6	1.8	0.1	26	
1749.5+6748	35	17 49 27.51 +67 48 22.1	2.2	18.4	3.8	0.5	9	
1749.5+6731	35	17 49 29.42 +67 31 39.5	1.2	1.7	2.8	0.1	43	
1749.5+6952	32	17 49 29.65 +69 52 54.9	1.6	13.9	2.8	0.3	8	
1749.5+6721	35	17 49 30.14 +67 21 58.9	1.6	8.0	0.9	0.2	9	
1749.5+6403	33	17 49 31.42 +64 3 13.5	1.2	7.0	2.3	0.1	35	
1749.5+6530	37	17 49 32.40 +65 30 40.4	1.2	5.2	2.9	0.1	18	D [0.6@150"]
1749.5+6418	38	17 49 32.54 +64 18 41.0	1.4	13.6	4.0	0.3	10	S D [0.4@260"]
1749.6+7008	32	17 49 33.30 +70 8 22.7	1.2	5.7	27.9	0.8	31	D [1.1@120"] *1749.4+7008 (F)
1749.6+6552	30	17 49 34.23 +65 52 41.4	1.2	13.6	5.2	0.3	18	
1749.6+6737	35	17 49 35.69 +67 37 20.0	1.2	7.3	53.7	1.7	664	ID
1749.6+6636	36	17 49 36.81 +66 36 19.8	1.4	6.6	3.8	0.2	11	D [0.4@190"]
1749.7+6347	33	17 49 39.58 +63 47 0.3	1.2	14.9	8.2	0.4	44	
1749.7+6508	31	17 49 39.81 +65 8 0.8	1.3	12.5	2.8	0.2	12	ID
1749.7+7022	32	17 49 41.48 +70 22 22.7	1.9	17.5	9.0	0.6	21	
1749.7+6428	38	17 49 41.69 +64 28 53.2	1.2	6.6	2.2	0.1	20	
1749.7+6413	33	17 49 42.65 +64 13 15.2	2.2	15.2	2.5	0.2	7	
1749.8+6850	39	17 49 46.24 +68 50 15.3	1.4	14.1	1.8	0.2	11	
1749.8+6730	35	17 49 46.43 +67 30 48.7	2.3	1.4	0.3	0.1	6	
1749.8+6824	34	17 49 48.09 +68 24 1.4	1.2	7.2	7.3	0.3	35	ID D [0.9@170"] *1749.8+6823 (F)
1749.8+6440	38	17 49 48.66 +64 40 51.4	1.7	12.3	1.7	0.2	7	
1749.8+6839	34	17 49 49.82 +68 39 18.4	1.4	10.2	2.3	0.3	16	
1749.8+6556	30	17 49 50.47 +65 56 45.3	1.2	13.4	14.6	0.6	39	E? [0.5@310"]
1749.8+6823	34	17 49 50.54 +68 23 11.0	1.2	8.0	7.7	0.3	27	D [0.9@170"] *1749.8+6824 (F)
1749.9+6452	31	17 49 51.68 +64 52 38.7	1.3	13.1	2.6	0.2	16	
1749.9+6824	34	17 49 54.38 +68 24 27.4	1.2	7.2	13.2	0.5	94	E? [0.3@350"] (F)
1749.9+6903	39	17 49 56.14 +69 3 31.2	1.2	9.8	8.2	0.3	77	ID E [0.4@350"]
1750.0+7025	32	17 49 58.74 +70 25 17.4	1.9	20.7	23.8	1.6	21	
1750.0+6536	37	17 49 59.08 +65 36 42.6	1.2	7.1	2.6	0.2	27	
1750.0+6737	35	17 49 59.44 +67 37 19.0	1.9	7.7	0.7	0.1	7	
1750.0+6953	32	17 50 0.09 +69 53 9.7	1.3	14.8	5.3	0.3	12	
1750.0+6840	34	17 50 1.82 +68 40 9.5	2.9	11.4	1.1	0.3	6	
1750.0+6630	36	17 50 2.53 +66 30 35.5	1.2	0.7	11.5	0.4	114	ID
1750.1+6824	34	17 50 4.85 +68 24 37.9	2.4	7.7	1.0	0.2	8	ID
1750.2+6403	33	17 50 9.27 +64 3 5.2	1.6	10.8	1.4	0.1	7	
1750.2+6633	36	17 50 10.85 +66 33 57.3	1.2	4.1	8.7	0.3	79	ID
1750.2+6725	35	17 50 14.09 +67 25 59.0	1.2	5.5	2.3	0.1	35	

Name	Field	Position		Δ	ρ	Stotal	Speak	SNR	Notes
1750.2+6412	33	17 50	14.26 +64 12	8.5	1.9	16.3	3.6 0.3	4.8 0.3	18
1750.2+6345	33	17 50	14.47 +63 45	9.4	2.3	18.5	3.4 0.4	2.9 0.4	6
1750.3+6642	36	17 50	17.46 +66 42	39.5	1.2	12.8	41.8 1.5	34.2 1.2	193 ID
1750.3+6456	31	17 50	18.19 +64 56	9.3	1.4	14.2	3.5 0.3	2.0 0.2	9 E [0.4@10"]
1750.3+6610	42	17 50	18.61 +66 10	56.3	2.1	17.9	3.6 0.6	4.9 0.6	9
1750.3+6900	39	17 50	19.04 +69 0	47.4	1.4	7.2	1.2 0.1	0.9 0.1	10 ID
1750.3+6406	33	17 50	19.85 +64 6	21.0	1.4	13.2	1.5 0.2	1.4 0.2	9 S
1750.3+6546	37	17 50	20.28 +65 46	34.9	2.0	16.6	4.1 0.4	4.3 0.4	11
1750.4+6804	40	17 50	21.24 +68 4	56.5	1.2	11.3	29.3 1.0	17.0 0.6	89 ID D [0.4@120"] (F)
1750.4+6356	33	17 50	22.74 +63 56	40.5	1.3	12.4	2.4 0.2	1.4 0.1	11
1750.4+6412	33	17 50	25.69 +64 12	45.2	2.2	17.6	1.5 0.3	2.6 0.3	7
1750.5+6839	34	17 50	27.44 +68 39	8.6	1.3	12.0	4.6 0.3	4.9 0.3	22
1750.5+6419	38	17 50	27.74 +64 19	39.8	1.2	10.4	3.9 0.2	4.3 0.2	30
1750.5+6836	34	17 50	32.41 +68 36	50.6	2.9	10.6	1.2 0.3	1.2 0.3	6
1750.6+6812	40	17 50	33.11 +68 12	55.3	1.9	15.8	46.7 1.9	57.5 2.3	124 ID
1750.6+6421	38	17 50	33.16 +64 21	50.8	1.2	8.2	5.3 0.2	4.3 0.2	39
1750.6+6620	36	17 50	34.12 +66 20	22.8	1.3	10.2	1.9 0.2	1.7 0.2	14
1750.6+6505	43	17 50	35.17 +65 5	32.8	1.9	15.7	16.8 0.7	16.7 0.7	53
1750.6+6521	37	17 50	35.85 +65 21	5.3	1.2	9.0	11.0 0.4	10.5 0.4	92
1750.6+6804	40	17 50	36.43 +68 4	52.9	1.2	10.0	10.0 0.4	2.8 0.2	18 ID E [0.3@210"] (F)
1750.6+6430	38	17 50	37.08 +64 30	42.0	1.6	0.9	1.4 0.1	0.7 0.1	8
1750.7+6435	38	17 50	42.22 +64 35	15.1	1.3	5.2	1.4 0.1	1.1 0.1	13
1750.7+6804	40	17 50	43.78 +68 4	54.3	1.2	9.4	6.5 0.3	2.3 0.2	16 ID D? [0.5@100"] (F)
1750.7+6416	38	17 50	44.21 +64 16	32.2	1.2	13.5	7.6 0.4	7.5 0.4	33
1750.8+6812	40	17 50	47.70 +68 12	19.2	1.4	14.6	2.6 0.3	2.6 0.3	7
1750.8+6632	36	17 50	47.91 +66 32	33.1	1.2	5.6	3.6 0.2	3.1 0.1	37
1750.8+6817	34	17 50	48.18 +68 17	22.9	2.6	15.9	3.7 0.5	3.6 0.5	9
1750.8+6808	40	17 50	50.08 +68 8	25.9	1.2	11.2	133.7 4.5	133.2 4.5	706 ID (F)
1750.8+6534	37	17 50	50.65 +65 34	26.1	1.2	5.3	3.1 0.2	2.7 0.1	32
1750.9+6646	41	17 50	52.88 +66 46	51.4	2.1	15.9	3.4 0.3	2.8 0.3	8 ID
1750.9+6642	36	17 50	53.37 +66 42	10.6	1.7	13.4	1.8 0.2	1.5 0.2	8 ID
1750.9+6741	35	17 50	54.11 +67 41	18.8	1.2	13.7	11.4 0.5	9.8 0.4	63 ID
1750.9+6345	44	17 50	56.73 +63 45	9.8	2.1	20.8	4.8 0.7	6.3 0.7	8
1751.0+6438	38	17 50	58.13 +64 38	33.9	1.2	8.7	13.6 0.5	14.4 0.5	123
1751.0+6806	40	17 51	0.52 +68 6	34.1	1.2	9.2	26.5 0.8	5.4 0.2	39 ID E [0.5@230"] (F)
1751.0+6412	44	17 51	0.82 +64 12	14.9	2.3	18.6	2.3 0.4	2.7 0.4	6
1751.0+6535	37	17 51	0.86 +65 35	54.2	1.3	7.1	1.1 0.1	1.1 0.1	12

Name	Field	Position	Δ	θ	Stotal	Speak	SNR	Notes
1751.0+6544	37	17 51 1.88 +65 44	1.9	1.2	14.7	23.2	0.9	
1751.0+6749	40	17 51 2.47 +67 49	50.6	1.3	12.0	2.5	0.2	
1751.0+6527	37	17 51 2.72 +65 27	13.7	1.2	5.0	5.0	0.2	
1751.1+6606	42	17 51 4.28 +66 6	49.5	1.2	11.8	12.3	0.5	ID
1751.1+6806	40	17 51 5.21 +68 6	22.1	1.2	8.8	10.1	0.3	E [0.6@120"] (F)
1751.1+6348	44	17 51 6.57 +63 48	17.5	2.2	17.9	1.9	0.3	
1751.1+6531	37	17 51 6.59 +65 31	52.5	1.8	5.0	0.6	0.1	ID
1751.1+6612	42	17 51 6.83 +66 12	51.8	2.2	15.9	2.1	0.4	
1751.2+6522	37	17 51 11.75 +65 22	19.2	1.2	9.2	7.8	0.3	
1751.2+6341	44	17 51 13.13 +63 41	58.3	2.2	22.1	3.1	0.8	
1751.2+6948	32	17 51 13.48 +69 48	53.2	1.9	21.9	122.7	7.2	ID
1751.2+6719	35	17 51 13.98 +67 19	0.9	1.2	14.6	26.3	1.0	E [0.5@80"] (F)
1751.3+6914	39	17 51 16.38 +69 14	46.3	1.2	14.9	43.6	1.7	E [0.5@0"]
1751.3+7018	32	17 51 18.82 +70 18	43.7	2.0	19.1	15.7	1.0	S
1751.3+6414	38	17 51 18.95 +64 14	31.2	2.4	16.0	1.9	0.4	
1751.3+6602	42	17 51 19.63 +66 2	4.5	1.2	8.2	2.5	0.2	
1751.3+6804	40	17 51 19.78 +68 4	41.1	1.2	6.6	41.3	1.3	ID
1751.3+6519	37	17 51 20.23 +65 19	6.6	1.2	12.5	4.0	0.2	
1751.4+6405	44	17 51 22.46 +64 5	23.9	1.6	12.9	1.7	0.1	
1751.4+6535	37	17 51 23.83 +65 35	32.9	1.2	8.4	8.6	0.3	
1751.4+6657	41	17 51 24.17 +66 57	14.5	1.2	6.4	1.0	0.1	
1751.4+6719	35	17 51 25.85 +67 19	27.8	2.3	15.1	2.4	0.2	(F)
1751.5+6353	44	17 51 28.73 +63 53	2.7	1.2	13.1	9.2	0.4	
1751.5+6954	32	17 51 28.92 +69 54	28.6	1.9	18.9	40.6	2.0	ID
1751.5+6521	37	17 51 29.72 +65 21	41.9	1.3	10.8	1.7	0.2	
1751.5+7015	32	17 51 31.51 +70 15	6.0	2.2	17.8	4.9	0.5	
1751.5+7013	32	17 51 31.77 +70 13	21.6	1.9	17.0	29.2	1.3	ID
1751.6+6754	40	17 51 33.26 +67 54	45.1	1.4	6.3	0.9	0.2	
1751.6+6405	44	17 51 34.49 +64 5	31.5	1.2	11.8	2.8	0.1	
1751.6+6731	35	17 51 34.84 +67 31	40.5	1.4	11.8	1.6	0.2	
1751.6+6958	32	17 51 34.87 +69 58	29.9	1.9	17.3	40.9	1.8	
1751.6+6414	44	17 51 35.03 +64 14	22.1	2.3	17.7	1.4	0.3	
1751.6+6719	35	17 51 35.24 +67 19	43.7	2.2	15.6	2.9	0.3	(F)
1751.6+6353	44	17 51 35.87 +63 53	57.0	1.2	11.9	8.9	0.3	
1751.6+6659	41	17 51 37.83 +66 59	49.5	1.2	4.4	1.6	0.1	
1751.6+6909	39	17 51 37.96 +69 9	35.5	1.9	9.6	1.2	0.1	
1751.6+6553	42	17 51 38.83 +65 53	37.9	1.8	8.7	1.4	0.2	ID

Name	Field	Position		A	ρ	Stotal	Speak	SNR	Notes
1751.7+6816	40	17 51	39.33 +68 16	43.7 1.9	17.0	33.4 1.5	35.7 1.6	58	ID
1751.7+6650	41	17 51	41.31 +66 50	33.6 1.2	10.2	6.5 0.3	5.8 0.2	47	
1751.7+6654	41	17 51	41.45 +66 54	26.2 1.2	6.9	34.6 1.1	33.9 1.1	389	ID
1751.7+6744	40	17 51	43.55 +67 44	52.8 2.1	15.4	3.0 0.3	2.6 0.3	6	
1751.7+6711	41	17 51	43.58 +67 11	45.9 1.2	12.4	3.8 0.2	4.3 0.2	25	
1751.7+6554	42	17 51	44.62 +65 54	5.4 1.8	8.0	1.5 0.1	0.7 0.1	7	
1751.8+6503	43	17 51	49.84 +65 3	9.9 1.3	7.5	1.1 0.1	1.3 0.1	14	
1751.9+6454A	43	17 51	51.81 +64 54	50.4 1.2	8.3	127.9 4.0	46.9 1.5	478	D [0.6@340"] » 1751.9+6454B
1751.9+6609	42	17 51	51.89 +66 9	30.2 1.2	10.6	8.7 0.3	7.8 0.3	56	
1751.9+6454B	43	17 51	53.64 +64 54	18.5 1.2	8.5	129.7 4.1	58.2 1.8	581	D [0.6@340"] » 1751.9+6454A
1751.9+6648	41	17 51	53.64 +66 48	37.2 1.4	11.8	1.7 0.2	1.5 0.2	9	
1751.9+6502	43	17 51	56.26 +65 2	45.0 1.6	6.7	1.5 0.1	0.6 0.1	7	
1751.9+6705	41	17 51	56.50 +67 5	31.3 1.2	6.1	3.7 0.2	3.7 0.2	45	
1752.0+6853	39	17 51	57.73 +68 53	4.7 1.3	7.1	1.0 0.2	1.2 0.1	14	
1752.0+6437	38	17 51	57.83 +64 37	6.4 1.8	10.8	0.7 0.2	1.0 0.2	7	
1752.0+6657	41	17 51	58.40 +66 57	55.5 1.6	3.2	1.3 0.1	0.5 0.1	6	
1752.0+6551	42	17 51	58.75 +65 51	23.4 1.2	9.5	36.9 1.2	14.8 0.5	120	D [0.5@240"]
1752.0+6421	38	17 51	59.65 +64 21	38.6 1.2	11.9	4.8 0.3	6.2 0.3	36	ID
1752.0+6546	42	17 52	1.06 +65 46	18.9 1.3	14.2	5.4 0.3	3.0 0.3	12	E [0.3@260"]
1752.0+6855	39	17 52	2.85 +68 55	44.9 1.3	4.7	2.0 0.1	1.2 0.1	16	E? [0.3@0"]
1752.0+6714	41	17 52	2.94 +67 14	25.9 1.2	14.6	4.8 0.3	4.9 0.3	19	
1752.1+6653	41	17 52	3.49 +66 53	49.1 1.2	6.4	1.6 0.1	1.4 0.1	17	
1752.1+6738	35	17 52	3.64 +67 38	53.5 1.9	16.9	63.2 2.7	50.1 2.2	169	ID
1752.1+6504	43	17 52	5.26 +65 4	29.5 1.6	6.8	1.1 0.1	0.6 0.1	7	
1752.1+6445	43	17 52	7.34 +64 45	41.4 1.9	15.2	7.2 0.4	6.8 0.4	24	
1752.1+6639	36	17 52	8.09 +66 39	31.1 2.1	16.1	4.0 0.4	2.8 0.4	9	
1752.1+6347	44	17 52	8.38 +63 47	7.8 1.3	14.5	1.8 0.2	2.1 0.2	12	
1752.1+6408	44	17 52	8.69 +64 8	32.0 1.2	10.7	17.3 0.6	16.4 0.6	178	
1752.2+6847	39	17 52	10.75 +68 47	48.1 1.8	12.6	1.9 0.2	1.2 0.2	7	
1752.2+6610	42	17 52	11.24 +66 10	6.8 1.6	10.4	1.4 0.2	1.1 0.2	8	
1752.2+6453	43	17 52	11.41 +64 53	7.7 1.2	8.2	10.8 0.4	10.5 0.3	108	ID
1752.2+6912	39	17 52	12.95 +69 12	2.1 1.8	12.5	1.1 0.2	1.2 0.2	8	
1752.3+6650	41	17 52	15.16 +66 50	49.0 1.2	9.2	3.0 0.2	2.6 0.2	23	
1752.3+6427	38	17 52	15.73 +64 27	8.3 1.2	10.5	20.0 0.7	9.1 0.3	63	
1752.3+6849	39	17 52	19.73 +68 49	3.8 1.8	11.5	1.8 0.2	1.0 0.2	7	D [0.5@80"]
1752.3+6723	46	17 52	20.12 +67 23	0.5 1.9	15.8	3.4 0.3	4.3 0.3	12	
1752.3+6847	39	17 52	20.18 +68 47	3.1 1.9	13.5	2.2 0.2	1.3 0.2	7	

Name	Field	Position		Δ	ρ	Total	Speak	SNR	Notes
1752.3+6749	40	17 52	20.56 +67 49	56.2	1.4	10.1	1.1	0.2	7
1752.4+6359	44	17 52	24.07 +63 59	22.6	1.2	5.0	1.3	0.1	25
1752.4+6814	40	17 52	24.15 +68 14	14.7	1.3	14.3	3.7	0.3	11
1752.4+6438	38	17 52	25.16 +64 38	8.8	1.6	13.8	1.8	0.3	8
1752.4+6702	41	17 52	25.55 +67 2	27.7	1.4	2.5	0.5	0.1	8
1752.4+6750	40	17 52	26.35 +67 50	56.9	1.5	9.1	0.9	0.2	7
1752.5+6353A	44	17 52	28.23 +63 53	47.7	1.2	7.6	13.3	0.4	207
1752.5+6356	44	17 52	30.81 +63 56	17.7	1.7	5.6	0.4	0.1	7
1752.5+6522	37	17 52	31.27 +65 22	26.9	2.5	15.5	1.9	0.3	6
1752.5+6447	43	17 52	31.40 +64 47	23.0	1.2	12.9	14.0	0.5	77
1752.5+6448	43	17 52	32.67 +64 48	17.7	1.4	12.0	1.4	0.2	9
1752.5+6353B	44	17 52	32.70 +63 53	58.4	1.2	7.2	8.3	0.3	134
1752.6+6345	44	17 52	36.32 +63 45	58.3	1.3	14.5	1.8	0.2	10
1752.6+6353	44	17 52	36.33 +63 53	39.1	1.3	7.2	0.7	0.1	12
1752.7+6547	42	17 52	39.22 +65 47	38.6	1.6	12.4	1.4	0.2	8
1752.7+6436	38	17 52	43.84 +64 36	58.4	1.9	14.9	1.8	0.3	6
1752.7+6819	45	17 52	44.15 +68 19	52.6	3.2	14.2	2.4	0.5	7
1752.8+6410A	44	17 52	45.42 +64 10	17.6	1.2	10.6	4.5	0.2	49
1752.8+6410B	44	17 52	49.61 +64 10	53.8	1.3	11.1	1.0	0.1	11
1752.8+6830	45	17 52	49.92 +68 30	25.0	3.5	9.3	1.2	0.3	6
1752.8+6714	41	17 52	50.67 +67 14	44.8	1.2	15.0	8.6	0.4	30
1752.9+6422	48	17 52	51.23 +64 22	43.5	2.1	15.7	2.8	0.4	8
1752.9+6418	44	17 52	53.50 +64 18	15.8	2.3	18.4	2.7	0.4	6
1752.9+6509	43	17 52	55.59 +65 9	3.2	1.8	9.0	0.7	0.1	6
1753.0+6501	43	17 52	58.86 +65 1	11.3	1.7	1.3	0.4	0.1	7
1753.0+6511	43	17 52	59.15 +65 11	57.0	1.6	12.0	1.1	0.2	7
1753.0+6405	44	17 52	59.62 +64 5	22.3	1.3	5.4	0.8	0.1	14
1753.0+6437	48	17 53	0.94 +64 37	41.3	1.5	15.0	2.7	0.3	9
1753.0+6407	44	17 53	1.09 +64 7	30.6	1.2	7.5	4.5	0.2	71
1753.0+6534	49	17 53	1.27 +65 34	59.0	1.6	14.4	1.4	0.2	7
1753.0+6801	40	17 53	1.75 +68 1	3.7	1.6	5.0	0.6	0.1	6
1753.1+6514	43	17 53	3.06 +65 14	37.8	1.2	14.7	19.0	0.8	74
1753.1+6603	42	17 53	3.46 +66 3	40.0	1.3	4.5	1.0	0.1	12
1753.1+6513	43	17 53	4.24 +65 13	18.8	1.5	13.4	1.5	0.2	8
1753.1+6746	40	17 53	6.05 +67 46	57.7	1.2	14.1	80.9	3.0	254
1753.1+6427	48	17 53	6.74 +64 27	26.3	1.2	12.5	6.6	0.3	35
1753.1+6356	44	17 53	8.18 +63 56	18.6	1.7	3.7	0.3	0.1	6

Name	Field	Position	Δ	ρ	Stotal	Speak	SNR	Notes
1753.2+6603	42	17 53 10.61 +66 3 41.9	1.2	5.0	6.6 0.2	4.8 0.2	55	
1753.2+6619	42	17 53 13.68 +66 19 49.8	2.1	20.2	8.0 1.0	9.7 1.0	10	
1753.3+6703	41	17 53 15.31 +67 3 26.0	1.3	6.1	0.9 0.2	0.8 0.1	10	
1753.3+6524	49	17 53 17.16 +65 24 1.3	1.3	13.3	2.2 0.2	2.0 0.2	12	
1753.3+6454	43	17 53 20.49 +64 54 16.6	1.6	6.4	0.3 0.1	0.6 0.1	7	
1753.4+6731	46	17 53 21.73 +67 31 27.3	1.2	8.3	2.6 0.1	3.0 0.2	30	
1753.4+6639	47	17 53 26.32 +66 39 49.2	1.5	13.7	1.8 0.3	2.5 0.3	10	
1753.4+6501	43	17 53 26.42 +65 1 0.5	1.2	3.6	2.2 0.1	1.6 0.1	23	
1753.4+6350	44	17 53 26.83 +63 50 22.4	1.6	9.8	0.9 0.2	0.6 0.1	7	
1753.5+6734	46	17 53 27.68 +67 34 13.3	1.2	8.7	3.9 0.2	3.9 0.2	37	
1753.5+6627	36	17 53 30.19 +66 27 27.7	1.9	21.4	30.5 2.0	41.8 2.6	33	ID
1753.6+6852	39	17 53 33.62 +68 52 49.1	1.9	12.6	2.2 0.2	1.1 0.2	7	
1753.6+6632	47	17 53 33.77 +66 32 27.1	2.2	19.5	4.7 0.9	7.3 1.0	8	
1753.6+6633	47	17 53 34.43 +66 33 11.3	2.5	18.8	3.9 0.8	5.0 0.8	6	ID
1753.6+6453	43	17 53 35.00 +64 53 37.6	1.5	7.7	1.1 0.1	0.8 0.1	8	
1753.6+6651	47	17 53 35.01 +66 51 3.7	1.5	8.3	1.3 0.2	1.2 0.2	9	
1753.6+6635	47	17 53 35.51 +66 35 46.7	1.9	16.5	300.8 12.5	214.6 9.0	471	D? [1.2@180'] *1753.6+6634
1753.6+6351	44	17 53 36.06 +63 51 31.6	1.2	8.9	6.2 0.2	6.4 0.2	87	
1753.6+6634	47	17 53 36.35 +66 34 37.1	1.9	17.4	357.2 15.6	71.9 3.2	129	D? [1.2@180'] *1753.6+6635
1753.6+6439	48	17 53 36.47 +64 39 34.3	1.3	13.2	6.3 0.3	3.5 0.3	17	S
1753.6+6639	47	17 53 37.13 +66 39 27.2	1.9	13.3	1.0 0.3	1.6 0.3	7	
1753.6+6451	43	17 53 37.47 +64 51 49.4	1.2	9.4	20.0 0.7	19.8 0.7	179	
1753.6+6542	49	17 53 38.53 +65 42 18.7	1.9	15.6	453.4 17.9	118.4 4.7	422	D [0.9@50'] *1753.8+6542 (F)
1753.7+6414	44	17 53 39.85 +64 14 27.1	1.7	14.9	2.1 0.2	1.2 0.2	6	
1753.7+6722	46	17 53 41.87 +67 22 41.3	1.2	9.6	2.2 0.2	2.3 0.2	20	
1753.7+6442	48	17 53 44.85 +64 42 33.6	1.9	15.0	1.7 0.3	1.9 0.3	6	S
1753.7+6613	42	17 53 44.95 +66 13 50.7	2.2	15.5	7.1 0.4	2.5 0.3	8	E [0.3@310']
1753.8+6542	49	17 53 45.21 +65 42 57.8	1.9	15.7	461.2 18.3	86.8 3.5	303	D [0.9@50'] *1753.6+6542 (F)
1753.8+6405	44	17 53 48.69 +64 5 40.9	1.4	7.1	0.7 0.1	0.5 0.1	8	
1753.8+6352	44	17 53 49.88 +63 52 40.9	1.6	8.6	0.6 0.1	0.5 0.1	7	
1753.8+6529	49	17 53 50.44 +65 29 28.5	1.2	8.4	5.2 0.2	5.1 0.2	58	
1753.9+6720	46	17 53 56.16 +67 20 33.1	1.2	10.6	3.6 0.2	3.3 0.2	24	
1753.9+6448	43	17 53 56.98 +64 48 14.7	1.6	13.6	1.4 0.2	1.5 0.2	7	
1754.0+6703	47	17 53 58.49 +67 3 41.7	1.3	15.0	4.5 0.4	4.6 0.4	14	
1754.0+6408	44	17 53 59.72 +64 8 24.6	1.2	10.0	2.5 0.1	2.3 0.1	28	
1754.0+6440	48	17 53 59.81 +64 40 23.4	1.8	12.3	1.7 0.2	1.3 0.2	7	
1754.0+6725	46	17 54 0.61 +67 25 57.6	1.2	6.0	5.3 0.2	5.1 0.2	62	

Name	Field	Position		Δ	ρ	Total	Speak	SNR	Notes
1754.1+6508	43	17 54	3.85 +65	8 21.3	1.2	11.1	13.9	0.5	12.1 0.4 87
1754.1+6736	46	17 54	4.95 +67	36 41.2	1.2	7.8	12.8	0.4	12.3 0.4 127
1754.1+6355	44	17 54	5.41 +63	55 48.6	1.3	7.5	0.5	0.1	0.7 0.1 11
1754.1+6452	43	17 54	7.33 +64	52 3.1	1.2	11.1	147.8	4.9	147.7 4.9 65 ID E? [0.6@330"]
1754.1+6443	48	17 54	8.28 +64	43 6.1	1.4	14.3	3.3	0.3	2.8 0.3 11
1754.1+6903	39	17 54	8.66 +69	3 1.0	1.2	13.8	3.6	0.3	4.5 0.3 23
1754.1+6455	43	17 54	8.88 +64	55 50.9	1.8	8.9	0.8	0.2	0.7 0.1 6
1754.2+6441	48	17 54	11.16 +64	41 2.6	1.3	12.3	3.8	0.2	2.4 0.2 13
1754.2+6500	43	17 54	13.95 +65	0 6.6	1.4	8.4	1.0	0.2	0.9 0.1 9
1754.2+6419	48	17 54	14.76 +64	19 40.8	1.6	11.4	1.6	0.2	1.3 0.2 8
1754.2+6407	44	17 54	14.90 +64	7 21.2	1.2	10.3	6.7	0.2	7.0 0.2 80
1754.3+6725	46	17 54	16.39 +67	25 28.6	1.2	5.4	2.4	0.1	2.3 0.1 29
1754.3+6517	49	17 54	18.93 +65	17 40.2	1.2	13.5	3.8	0.2	3.7 0.2 20
1754.3+6602	42	17 54	19.32 +66	2 43.5	1.2	10.6	4.2	0.2	2.9 0.2 21
1754.3+6755	40	17 54	19.39 +67	55 45.8	1.2	12.9	2.9	0.2	3.6 0.3 15
1754.4+6858	39	17 54	21.52 +68	58 45.0	1.7	14.7	0.9	0.3	1.9 0.3 8
1754.4+6737	46	17 54	22.27 +67	37 35.8	1.2	7.9	53.0	1.7	53.6 1.7 549 ID
1754.4+6750	40	17 54	25.73 +67	50 44.4	2.1	15.8	2.0	0.4	2.9 0.4 6
1754.5+6420	48	17 54	27.09 +64	20 11.7	1.2	10.4	57.4	1.9	47.2 1.6 338 ID E? [1.1@140"]
1754.5+6745	46	17 54	27.62 +67	45 6.1	2.1	15.2	2.7	0.3	2.3 0.3 7
1754.5+6356	44	17 54	28.74 +63	56 35.1	1.2	9.4	27.1	0.9	28.0 0.9 361
1754.5+6512	43	17 54	29.42 +65	12 28.2	2.1	16.1	1.8	0.3	2.9 0.3 8
1754.6+6738	46	17 54	33.98 +67	38 26.6	1.2	8.5	2.6	0.1	2.3 0.1 22 ID
1754.6+6812	40	17 54	34.08 +68	12 17.9	2.1	18.3	4.7	0.6	5.3 0.6 6
1754.6+6442	48	17 54	35.35 +64	42 18.4	1.7	12.6	2.1	0.2	1.4 0.2 7
1754.7+6511	43	17 54	40.28 +65	11 12.6	1.9	15.9	8.1	0.5	8.5 0.5 26
1754.7+6854	50	17 54	43.89 +68	54 50.7	1.2	14.4	11.4	0.6	10.2 0.5 34 ID
1754.7+6446	48	17 54	44.26 +64	46 36.1	1.9	16.7	9.6	0.6	8.4 0.6 20 S
1754.7+6629	47	17 54	44.39 +66	29 11.2	2.3	20.9	5.2	1.2	10.3 1.3 8
1754.8+6612	42	17 54	45.43 +66	12 7.6	1.9	17.8	46.3	2.1	30.3 1.5 56
1754.8+6729	46	17 54	45.96 +67	29 58.0	1.2	0.1	1.9	0.1	1.6 0.1 24
1754.8+6741	46	17 54	46.38 +67	41 34.2	1.3	11.5	1.2	0.2	1.6 0.2 10
1754.8+6536	49	17 54	47.76 +65	36 2.4	1.6	6.5	0.9	0.2	0.5 0.1 7
1754.8+6425	48	17 54	49.23 +64	25 22.9	1.2	4.7	7.1	0.2	7.2 0.3 83 ID
1754.8+6654	47	17 54	49.87 +66	54 19.6	2.1	4.4	1.1	0.1	0.6 0.1 6
1754.8+6420	48	17 54	49.87 +64	20 34.6	1.4	9.4	2.5	0.2	1.3 0.2 10 (F)
1754.9+6445	48	17 54	51.12 +64	45 18.8	2.2	15.4	2.9	0.4	2.5 0.3 8 S

Name	Field	Position		Δ	ρ	Stotal	Speak	SNR	Notes
1754.9+6548A	42	17 54 51.89	+65 48 37.2	1.9	17.8	8.8	0.7	14	
1754.9+6909	50	17 54 52.05	+69 9 37.8	2.1	15.9	4.2	0.5	10	
1754.9+6421	48	17 54 52.42	+64 21 41.1	1.3	8.3	3.0	0.2	12	D? [0.4@250"] (F)
1754.9+6548B	49	17 54 52.63	+65 48 36.3	1.9	18.7	10.0	0.7	17	
1754.9+6656	47	17 54 55.63	+66 56 56.0	1.2	6.9	4.1	0.2	35	
1755.0+6535	49	17 54 57.32	+65 35 28.2	1.5	5.6	0.4	0.1	7	
1755.0+6611	53	17 54 58.01	+66 11 46.7	2.1	19.7	8.9	0.7	9	ID E? [0.4@140"]
1755.0+6449	43	17 54 59.64	+64 49 17.3	2.2	17.1	1.6	0.4	7	
1755.0+6723	46	17 54 59.98	+67 23 22.9	1.2	6.7	3.7	0.2	43	
1755.0+6604	53	17 55 1.48	+66 4 58.1	2.0	16.2	5.3	0.3	11	E? [0.2@110"]
1755.1+6733	46	17 55 3.69	+67 33 33.3	1.2	3.9	6.0	0.2	69	
1755.1+6751	52	17 55 4.40	+67 51 8.6	2.0	16.4	2.2	0.3	9	ID
1755.1+6639	47	17 55 4.85	+66 39 52.0	1.2	10.1	7.4	0.3	49	
1755.1+6519	49	17 55 5.30	+65 19 58.2	1.3	10.0	1.2	0.1	13	ID
1755.1+6617	53	17 55 5.75	+66 17 40.9	2.0	23.1	13.0	1.4	10	
1755.1+6603	53	17 55 7.77	+66 3 52.9	2.3	15.3	2.9	0.2	7	
1755.2+6505	43	17 55 9.55	+65 5 22.2	1.9	15.3	15.7	0.7	40	E? [0.6@130"] (F)
1755.2+6735	46	17 55 14.19	+67 35 41.0	1.2	6.2	9.2	0.3	100	
1755.3+6838	45	17 55 16.08	+68 38 32.7	2.7	9.4	0.9	0.3	8	ID
1755.3+6747	52	17 55 16.63	+67 47 50.9	2.1	17.5	3.7	0.4	7	
1755.3+6346	44	17 55 16.82	+63 46 12.6	2.0	19.7	4.0	0.5	9	
1755.3+6530	49	17 55 18.90	+65 30 55.6	1.2	1.2	4.6	0.2	50	E [0.4@160"]
1755.4+6905	50	17 55 21.66	+69 5 29.7	1.2	11.3	80.4	2.7	382	E? [0.5@20"]
1755.4+6617	53	17 55 21.75	+66 17 27.8	2.3	21.9	7.7	1.0	7	
1755.4+6446	48	17 55 22.13	+64 46 53.4	2.4	17.1	4.1	0.5	7	
1755.4+6613	53	17 55 22.18	+66 13 37.4	1.9	19.0	114.5	5.5	198	ID
1755.4+6746	52	17 55 24.85	+67 46 22.8	2.1	18.0	1.9	0.4	6	
1755.4+6803	52	17 55 24.89	+68 3 12.9	1.2	12.2	6.3	0.3	27	ID D [0.3@110"]
1755.4+6838	45	17 55 26.26	+68 38 6.9	1.2	9.5	70.1	2.3	312	ID D [0.6@180"] *1755.4+6837
1755.4+6837	45	17 55 26.58	+68 37 29.9	1.2	9.0	67.4	2.1	70	ID D [0.6@180"] *1755.4+6838
1755.4+6653	47	17 55 26.87	+66 53 55.1	1.2	4.8	5.9	0.2	61	
1755.5+6423	48	17 55 27.36	+64 23 11.0	1.8	7.4	1.0	0.1	7	S
1755.5+6830	45	17 55 29.27	+68 30 36.9	1.5	5.3	1.8	0.2	16	ID
1755.5+6440	48	17 55 29.28	+64 40 38.5	2.0	11.1	0.8	0.2	6	S
1755.6+6438	48	17 55 35.29	+64 38 23.3	1.7	9.2	1.7	0.2	7	S
1755.6+6832	45	17 55 37.72	+68 32 55.7	1.2	6.7	216.0	6.6	378	ID D? [2.3@0"] *1755.7+6830
1755.6+6509	54	17 55 38.83	+65 9 6.7	2.2	15.6	5.4	0.4	8	

Name	Field	Position		A	ρ	Stotal	Speak	SNR	ID	Notes				
1755.7+6830	45	17 55	39.27	+68 30	37.3	1.2	6.2	211.3	6.5	145.9	4.5	971		D? [2.3@0°] »1755.6+6832
1755.7+6643	47	17 55	41.65	+66 43	53.5	1.4	7.4	2.3	0.2	1.2	0.2	10		E [0.5@90°]
1755.7+6539	49	17 55	41.73	+65 39	40.6	1.6	10.1	0.8	0.2	0.8	0.1	7		
1755.7+6844	45	17 55	42.31	+68 44	44.1	3.0	16.1	3.9	0.7	4.0	0.7	8		
1755.7+6629	47	17 55	42.75	+66 29	12.8	2.2	21.2	10.9	1.4	11.5	1.4	8		
1755.7+6754	52	17 55	43.46	+67 54	10.8	1.2	11.5	1.8	0.1	2.7	0.2	20		
1755.8+6508	54	17 55	46.38	+65 8	57.4	1.5	14.8	5.0	0.3	2.5	0.3	9		
1755.8+6525	49	17 55	47.63	+65 25	2.1	1.6	6.2	0.7	0.1	0.5	0.1	7		
1755.8+6509	54	17 55	50.06	+65 9	33.7	1.9	14.9	2.4	0.3	1.7	0.3	6		
1755.8+6737	46	17 55	50.99	+67 37	26.6	1.3	9.6	0.8	0.2	1.3	0.1	11		
1755.9+6458	54	17 55	54.98	+64 58	28.1	1.2	11.0	11.0	0.4	5.5	0.2	39		
1755.9+6506	54	17 55	55.07	+65 6	40.9	2.0	12.8	0.7	0.2	1.1	0.2	6		
1755.9+6904	50	17 55	56.36	+69 4	4.3	2.2	8.0	0.7	0.2	0.8	0.2	6		
1756.0+6906	50	17 55	57.06	+69 6	34.0	2.2	9.4	1.8	0.2	0.9	0.2	6		
1756.0+6608	53	17 56	1.13	+66 8	27.6	1.3	12.6	1.4	0.1	1.7	0.2	14		S
1756.0+6435	48	17 56	1.18	+64 35	40.5	1.9	8.7	1.3	0.2	0.8	0.2	7		
1756.0+6513	49	17 56	1.29	+65 13	13.5	2.0	17.6	3.0	0.4	3.9	0.4	9		
1756.0+6757	52	17 56	2.26	+67 57	52.5	1.2	8.5	4.7	0.2	4.6	0.2	54		
1756.0+6459	54	17 56	2.40	+64 59	37.9	1.5	10.1	2.5	0.2	1.2	0.2	9		
1756.1+6630	47	17 56	3.33	+66 30	5.1	2.4	20.9	10.2	1.3	9.4	1.3	7		
1756.1+6450	54	17 56	4.39	+64 50	1.1	1.2	14.1	56.8	2.1	30.7	1.2	134		E? [0.3@40°]
1756.1+6517	49	17 56	4.55	+65 17	56.1	1.5	13.3	1.2	0.2	1.4	0.2	8		
1756.1+6503	54	17 56	6.76	+65 3	54.8	1.3	10.4	4.0	0.2	1.6	0.2	12		
1756.1+6819	45	17 56	8.10	+68 19	54.7	2.0	13.5	2.5	0.4	3.2	0.4	10		
1756.1+6735	46	17 56	8.87	+67 35	36.3	1.2	9.6	3.2	0.2	3.7	0.2	31		
1756.2+6433	48	17 56	9.86	+64 33	6.4	1.7	8.1	1.3	0.1	0.8	0.1	7		S
1756.2+6807	52	17 56	11.68	+68 7	59.1	1.2	10.8	2.8	0.1	2.1	0.1	18		
1756.2+6352	55	17 56	14.28	+63 52	4.4	1.2	12.6	4.5	0.2	3.9	0.2	25		E? [0.3@60°]
1756.2+6540	49	17 56	14.42	+65 40	40.3	1.2	12.6	39.5	1.4	26.7	0.9	172		D? [0.8@60°] »1756.4+6541
1756.2+6432	48	17 56	14.48	+64 32	28.0	1.3	8.4	2.5	0.2	1.5	0.2	14		S
1756.3+6516	49	17 56	16.42	+65 16	43.1	1.2	15.0	19.2	0.8	21.1	0.8	86		
1756.4+6431	48	17 56	21.49	+64 31	4.7	1.9	8.8	1.5	0.2	0.8	0.2	7		S
1756.4+6541	49	17 56	21.60	+65 41	4.6	1.2	13.3	43.3	1.6	11.5	0.5	65		D? [0.8@60°] »1756.2+6540
1756.4+6410	55	17 56	26.73	+64 10	37.6	1.7	13.6	1.6	0.2	1.3	0.2	7		
1756.4+6430	48	17 56	26.98	+64 30	23.5	1.3	9.4	2.5	0.2	1.5	0.2	12		S
1756.5+6747	52	17 56	27.90	+67 47	57.1	1.2	13.4	18.0	0.7	18.4	0.7	99		ID
1756.5+6512	54	17 56	29.22	+65 12	50.1	1.2	14.8	7.6	0.4	4.6	0.3	18		ID

Name	Field	Position		Δ	ρ	Stotal	Speak	SNR	Notes
1756.5+6405	55	17 56	29.33 +64	5 35.4	1.8	9.8	1.3	0.1	7
1756.5+6504	54	17 56	32.13 +65	4 16.1	1.6	8.1	4.0	0.2	8
1756.6+6455	54	17 56	33.73 +64	55 50.8	1.2	7.9	5.3	0.2	20
1756.6+6409	55	17 56	33.78 +64	9 33.8	1.2	12.3	4.6	0.2	33
1756.6+6729	46	17 56	36.55 +67	29 59.9	1.2	10.5	3.3	0.2	27
1756.6+6713	51	17 56	37.08 +67	13 43.0	1.3	14.7	2.9	0.3	12
1756.6+6815	52	17 56	37.20 +68	15 27.1	1.9	16.2	4.8	0.3	16
1756.6+6421	48	17 56	37.66 +64	21 49.0	1.3	13.4	3.5	0.3	16
1756.7+6531	49	17 56	40.10 +65	31 46.2	1.2	9.4	56.5	1.8	ID 552
1756.7+6704	51	17 56	40.95 +67	4 42.1	1.2	6.7	11.5	0.4	107
1756.7+6633	47	17 56	42.28 +66	33 33.3	1.9	19.4	56.7	2.9	ID 69
1756.8+6546	53	17 56	45.56 +65	46 22.3	1.2	14.5	14.7	0.6	81
1756.8+6451	54	17 56	48.28 +64	51 28.8	1.3	10.0	3.1	0.2	14
1756.8+6645	47	17 56	50.71 +66	45 32.3	1.9	11.9	0.9	0.3	7
1756.9+6747	52	17 56	51.91 +67	47 10.0	1.2	13.4	18.5	0.7	ID 111
1756.9+6611	53	17 56	52.65 +66	11 46.2	1.3	12.5	2.8	0.2	16
1756.9+6551	53	17 56	53.58 +65	51 26.4	2.0	9.4	1.0	0.1	6
1756.9+6445	54	17 56	56.72 +64	45 53.3	2.0	14.8	3.8	0.3	6
1756.9+6527	49	17 56	56.80 +65	27 56.6	1.2	11.1	2.8	0.2	16
1757.0+6509	54	17 56	59.34 +65	9 13.5	1.6	10.0	4.0	0.2	8
1757.0+6544	53	17 57	0.75 +65	44 41.5	2.2	15.7	2.3	0.2	8
1757.0+6855	50	17 57	0.85 +68	55 30.8	1.9	4.6	1.7	0.2	7
1757.0+6613	53	17 57	2.36 +66	13 27.9	1.2	13.9	5.9	0.3	44
1757.0+6637	47	17 57	2.39 +66	37 46.1	2.3	17.3	4.9	0.6	7
1757.0+6405	55	17 57	2.54 +64	5 26.4	1.6	7.0	0.9	0.2	8
1757.1+6435	48	17 57	3.68 +64	35 37.6	1.5	14.5	3.5	0.3	9
1757.1+6709	51	17 57	3.81 +67	9 4.8	1.3	9.4	1.8	0.2	14
1757.1+6654	51	17 57	4.06 +66	54 17.6	1.2	6.2	30.3	0.9	ID 269
1757.1+6509	54	17 57	5.01 +65	9 56.8	1.4	10.5	4.9	0.2	11
1757.1+6519	49	17 57	5.03 +65	19 54.8	1.9	15.6	171.1	6.8	ID 641
1757.1+6404	55	17 57	5.52 +64	4 23.9	1.9	6.0	0.9	0.2	6
1757.1+6353	55	17 57	7.32 +63	53 15.4	1.3	7.8	1.0	0.1	15
1757.1+6617	53	17 57	8.05 +66	17 48.2	2.5	18.0	5.8	0.4	6
1757.1+6354	55	17 57	8.53 +63	54 42.1	1.2	6.5	26.0	0.8	ID 327
1757.2+6345	55	17 57	9.71 +63	45 40.2	1.8	14.8	1.1	0.3	7
1757.2+6359	55	17 57	9.79 +63	59 42.5	1.6	3.6	1.4	0.1	8
1757.2+6620	53	17 57	10.60 +66	20 49.5	2.2	20.9	14.5	1.0	8

S
E [0.4@120°]

E? [0.1@270°]

E? [0.1@280°]

S

S

Name	Field	Position		Δ	ρ	Stotal	Speak	SNR	Notes
1757.2+6836	60	17 57	12.74 +68 36	6.2	2.9	16.5	4.5 0.6	2.8 0.5	6
1757.2+6619	53	17 57	13.54 +66 19	38.7	2.1	19.7	13.2 0.8	5.4 0.6	10
1757.3+6435	48	17 57	15.65 +64 35	37.1	2.3	15.7	4.0 0.4	2.3 0.4	7
1757.3+6456	54	17 57	16.05 +64 56	24.7	1.3	4.3	2.1 0.1	1.3 0.1	16 ID
1757.3+6424	48	17 57	16.70 +64 24	43.8	1.9	15.7	53.2 2.2	54.8 2.2	162
1757.3+6523	49	17 57	17.29 +65 23	56.0	1.4	14.5	2.2 0.2	2.0 0.2	9
1757.3+6417	55	17 57	17.33 +64 17	16.1	2.0	17.5	4.0 0.5	5.6 0.5	13
1757.3+6618	53	17 57	18.22 +66 18	42.2	2.3	18.8	5.7 0.5	3.3 0.5	7
1757.3+6406	55	17 57	19.87 +64 6	38.2	1.2	7.1	3.1 0.1	2.9 0.1	35
1757.3+6740	59	17 57	20.04 +67 40	19.0	2.2	18.5	3.3 0.4	3.4 0.4	7 ID
1757.3+6755	52	17 57	21.00 +67 55	47.3	1.6	4.3	1.1 0.1	0.4 0.1	6
1757.4+6536	49	17 57	23.28 +65 36	10.4	1.9	15.1	45.6 1.8	43.7 1.7	174
1757.4+6513	54	17 57	24.57 +65 13	15.8	1.7	13.4	4.2 0.3	1.5 0.2	7
1757.4+6451	54	17 57	25.89 +64 51	21.6	1.4	8.7	5.5 0.2	1.2 0.1	11
1757.5+6546	53	17 57	27.09 +65 46	25.3	1.9	13.6	1.4 0.2	1.0 0.2	7
1757.5+6918	50	17 57	27.48 +69 18	49.8	2.6	18.9	5.5 0.9	5.3 0.9	7
1757.5+6828	60	17 57	28.83 +68 28	55.1	1.6	14.0	3.1 0.4	2.8 0.4	10
1757.5+6502	54	17 57	29.10 +65 2	26.9	1.9	2.6	3.0 0.1	0.5 0.1	7
1757.5+6510	54	17 57	30.48 +65 10	41.3	2.0	10.7	2.6 0.2	0.8 0.2	6
1757.5+6517	54	17 57	30.51 +65 17	47.0	2.4	17.8	7.1 0.6	3.4 0.5	7 ID
1757.5+6704	51	17 57	31.83 +67 4	31.6	1.2	4.5	19.2 0.6	19.1 0.6	203
1757.5+6548	53	17 57	32.49 +65 48	53.3	1.2	10.9	2.1 0.1	1.7 0.1	18 (X)
1757.6+6414	55	17 57	33.08 +64 14	40.9	1.2	14.8	58.7 2.3	60.3 2.3	256 E? [0.4@260"]
1757.6+6542	53	17 57	34.03 +65 42	18.5	2.2	17.7	2.4 0.3	2.8 0.4	8
1757.6+6406	55	17 57	34.57 +64 6	6.4	1.7	6.2	0.6 0.1	0.6 0.1	7
1757.6+6451	54	17 57	34.80 +64 51	22.6	1.9	8.6	2.3 0.2	0.7 0.1	6
1757.6+6509	54	17 57	36.99 +65 9	38.8	1.8	9.6	3.3 0.2	0.8 0.2	7
1757.6+6639	47	17 57	37.88 +66 39	49.7	2.2	18.7	3.5 0.8	6.7 0.8	9
1757.6+6528	49	17 57	38.23 +65 28	4.8	1.9	15.5	44.9 1.8	48.6 1.9	177
1757.6+6515	54	17 57	38.78 +65 15	44.2	1.9	15.8	269.3 10.8	149.7 6.0	464 ID E? [0.4 with halo]
1757.7+6528	57	17 57	39.21 +65 28	3.6	1.2	14.8	48.2 1.9	45.6 1.8	166 D? [0.6@10"] (X)
1757.7+6913A	50	17 57	39.26 +69 13	31.0	1.8	13.8	4.0 0.3	2.1 0.3	8
1757.7+6427	56	17 57	40.35 +64 27	9.3	2.2	15.4	1.6 0.2	1.4 0.2	8
1757.7+6717	59	17 57	40.81 +67 17	24.7	2.1	18.4	2.9 0.4	3.5 0.4	7
1757.7+6403	55	17 57	41.72 +64 3	31.4	1.7	3.5	0.9 0.2	0.5 0.1	7
1757.7+6718	59	17 57	41.96 +67 18	6.1	2.2	17.9	2.5 0.4	2.7 0.4	7
1757.7+6344	55	17 57	44.23 +63 44	0.0	2.1	16.0	2.3 0.3	2.6 0.3	8

Name	Field	Position		Δ	ρ	Total	Speak	SNR	Notes
1757.7+6913B	50	17 57	44.89 +69 13	11.1	1.8	13.6	3.9	0.3	(X)
1757.8+6741	59	17 57	45.09 +67 41	10.0	1.9	17.1	85.0	3.7	ID
1757.8+6609	53	17 57	45.11 +66 9	31.5	1.2	9.6	2.3	0.1	ID
1757.8+6659	51	17 57	48.81 +66 59	4.4	1.3	2.1	1.1	0.1	11
1757.8+6553	53	17 57	48.99 +65 53	37.0	1.2	6.6	3.4	0.1	51
1757.8+6412	55	17 57	49.09 +64 12	22.8	1.8	12.4	1.7	0.2	7
1757.9+6806	52	17 57	52.37 +68 6	38.2	1.5	6.9	0.5	0.1	7
1757.9+6416	55	17 57	53.43 +64 16	52.6	1.9	16.9	31.4	1.4	85
1757.9+6648	51	17 57	55.02 +66 48	56.8	1.2	11.3	2.7	0.2	ID
1757.9+6404	55	17 57	55.18 +64 4	6.4	1.2	4.3	6.0	0.2	E? [0.6@240"] (F)
1757.9+6858	50	17 57	56.64 +68 58	55.8	1.2	4.0	6.0	0.2	D? [0.7@170"]
1758.0+6731	59	17 57	58.52 +67 31	52.4	1.2	11.8	11.6	0.4	
1758.0+6544	53	17 57	58.55 +65 44	11.0	1.9	16.1	10.7	0.5	
1758.0+6503	54	17 58	0.32 +65 3	22.9	1.2	4.1	8.6	0.3	
1758.0+6603	53	17 58	2.57 +66 3	31.9	2.0	4.6	0.3	0.1	
1758.0+6917	50	17 58	2.70 +69 17	28.7	2.4	18.0	5.9	0.7	ID
1758.1+6407	55	17 58	3.68 +64 7	44.6	1.5	8.0	0.6	0.1	
1758.1+6514	54	17 58	4.30 +65 14	8.0	1.2	14.4	22.6	0.9	
1758.1+6417	56	17 58	5.29 +64 17	59.3	2.0	17.3	11.5	0.6	D [0.9@280"] *1758.2+6417 (F)
1758.1+6408	55	17 58	6.56 +64 8	54.6	1.5	9.2	1.5	0.1	
1758.1+6522	57	17 58	7.17 +65 22	18.9	1.7	14.1	1.3	0.2	
1758.1+6649	51	17 58	8.50 +66 49	8.9	1.2	11.4	13.7	0.5	ID
1758.1+6755	52	17 58	8.81 +67 55	18.5	1.2	5.9	34.4	1.1	ID
1758.2+6641	58	17 58	9.63 +66 41	34.4	1.9	16.0	6.5	0.4	
1758.2+6356A	55	17 58	10.17 +63 56	49.5	1.3	4.3	1.6	0.1	
1758.2+6356B	55	17 58	10.71 +63 56	6.0	1.7	4.9	1.3	0.1	
1758.2+6729	59	17 58	12.06 +67 29	27.3	1.2	10.3	13.7	0.5	
1758.2+6534	57	17 58	12.20 +65 34	41.5	1.2	12.2	247.2	8.4	ID
1758.2+6404	55	17 58	12.74 +64 4	16.1	1.2	5.4	1.5	0.1	D [1.6@230"] *1758.4+6535 (F)
1758.2+6723	59	17 58	12.76 +67 23	36.3	1.7	12.2	0.7	0.2	
1758.2+6417	56	17 58	13.48 +64 17	50.4	1.9	16.8	10.4	0.5	D [0.9@280"] *1758.1+6417 (F)
1758.3+6722	59	17 58	15.82 +67 22	16.2	1.4	12.7	1.9	0.2	
1758.3+6833	60	17 58	16.21 +68 33	35.8	1.3	10.1	4.1	0.3	
1758.3+6503	54	17 58	18.25 +65 3	38.2	2.0	5.6	2.0	0.1	
1758.3+6612	53	17 58	19.43 +66 12	27.6	1.3	13.4	1.7	0.2	ID
1758.4+6613	53	17 58	21.32 +66 13	48.6	1.2	14.7	8.1	0.4	ID
1758.4+6908	50	17 58	21.43 +69 8	47.0	1.2	10.7	6.4	0.3	

Name	Field	Position		A	ρ	Stotal	Speak	SNR	Notes
1758.4+6841	60	17 58	21.61 +68 41	45.9	1.8	14.8	4.3	0.4	9
1758.4+6532	57	17 58	21.70 +65 32	29.8	1.5	10.5	1.0	0.2	8
1758.4+6722	59	17 58	22.26 +67 22	14.2	1.7	12.2	1.8	0.1	6
1758.4+6723	59	17 58	24.01 +67 23	52.5	1.3	11.0	1.8	0.1	11
1758.4+6535	57	17 58	24.67 +65 35	37.0	1.2	11.3	225.6	7.5	ID
1758.4+6826	60	17 58	25.02 +68 26	56.6	1.4	9.2	5.1	0.3	D [1.6@230°] » 1758.2+6534 (F) D [0.7@110°] (F)
1758.4+6555	53	17 58	26.77 +65 55	1.7	1.2	7.4	185.3	5.7	D [2.2@160°] » 1758.5+6552 (F)
1758.4+6701	51	17 58	26.86 +67 1	46.2	1.2	5.8	6.9	0.2	51
1758.5+6911	50	17 58	28.58 +69 11	4.2	1.2	13.0	13.8	0.6	D? [0.6@130°] (F)
1758.5+6444	56	17 58	29.30 +64 44	4.7	1.9	17.1	4.9	0.3	22
1758.5+6442	56	17 58	30.57 +64 42	50.4	2.2	16.1	1.0	0.2	7
1758.5+6819	60	17 58	30.89 +68 19	55.4	2.6	13.0	2.1	0.3	ID
1758.5+6536	57	17 58	31.03 +65 36	45.7	1.8	11.4	0.6	0.2	ID
1758.5+6552	53	17 58	32.90 +65 52	55.9	1.2	9.3	210.3	6.7	6
1758.6+6637	58	17 58	33.45 +66 37	58.9	1.2	11.8	939.4	31.8	D [2.2@160°] » 1758.4+6555 (F) E [0.6@310°] (F)
1758.6+6826	60	17 58	37.98 +68 26	15.2	1.7	8.4	2.7	0.2	9
1758.7+6539	57	17 58	39.95 +65 39	10.5	1.7	12.4	1.5	0.2	6
1758.7+6647	51	17 58	41.78 +66 47	14.4	1.2	14.6	10.6	0.5	15
1758.7+6351	55	17 58	42.53 +63 51	46.3	1.4	10.5	1.1	0.1	E? [0.4@300°]
1758.7+6622	58	17 58	43.15 +66 22	48.2	1.5	10.5	1.6	0.2	8
1758.7+6832	60	17 58	44.59 +68 32	31.9	1.4	7.3	1.8	0.2	13
1758.8+6349	55	17 58	45.97 +63 49	21.5	1.2	12.7	9.8	0.4	73
1758.8+6720	59	17 58	46.42 +67 20	30.7	1.2	11.9	95.1	3.2	ID
1758.8+6526	57	17 58	46.85 +65 26	2.0	1.4	8.5	0.9	0.2	D [0.7@350°] » 1758.8+6719
1758.8+6751	52	17 58	47.37 +67 51	26.4	1.4	11.2	1.9	0.1	7
1758.8+6719	59	17 58	47.43 +67 19	47.3	1.2	12.4	100.9	3.5	D [0.7@350°] » 1758.8+6720
1758.8+6656	51	17 58	49.83 +66 56	37.5	1.6	8.5	1.6	0.2	7
1758.8+6607	53	17 58	50.53 +66 7	15.6	1.9	10.7	1.4	0.1	6
1758.9+6629	58	17 58	52.30 +66 29	35.0	1.2	6.8	1.9	0.1	19
1758.9+6706	51	17 58	53.04 +67 6	33.9	1.2	10.4	5.3	0.3	29
1758.9+6917	50	17 58	53.06 +69 17	40.6	2.5	19.8	4.7	1.0	7
1758.9+6825	60	17 58	53.67 +68 25	57.3	2.0	7.3	1.0	0.2	8
1758.9+6452	54	17 58	54.33 +64 52	10.1	1.8	11.2	2.3	0.2	7
1758.9+6756	52	17 58	56.32 +67 56	27.6	1.4	8.8	1.3	0.1	7
1759.0+6451	54	17 58	59.55 +64 51	11.0	2.0	12.4	2.5	0.2	6
1759.0+6347	55	17 59	0.05 +63 47	24.2	2.3	15.2	1.8	0.3	7
1759.0+6906	50	17 59	0.22 +69 6	41.7	1.3	11.8	3.8	0.3	19

Name	Field	Position	Δ	ρ	Total	Speak	SNR	Notes
1759.1+6719	59	17 59 3.14 +67 19 33.1	1.2	11.8	3.1 0.2	3.2 0.2	27	
1759.1+6755	52	17 59 8.04 +67 55 36.6	1.2	10.2	7.4 0.3	5.6 0.2	51	E [0.5@330°]
1759.1+6433	56	17 59 8.05 +64 33 49.2	1.5	6.8	0.7 0.1	0.4 0.1	8	
1759.2+6346	55	17 59 9.68 +63 46 2.1	2.4	16.9	3.1 0.4	2.4 0.4	7	
1759.2+6719	59	17 59 10.34 +67 19 2.3	1.7	12.0	1.0 0.2	0.7 0.1	6	S
1759.2+6826	60	17 59 10.51 +68 26 12.9	2.2	5.9	1.3 0.2	0.8 0.2	7	
1759.2+6340	55	17 59 11.68 +63 40 51.9	1.9	21.5	22.4 1.6	37.2 2.3	31	
1759.2+6531	57	17 59 11.99 +65 31 49.9	2.5	5.3	93.7 2.9	80.6 2.5	4	ID E? [0.6@170°]
1759.2+6450	54	17 59 13.62 +64 50 40.1	1.7	13.8	3.8 0.3	1.6 0.2	8	
1759.3+6902	50	17 59 15.18 +69 2 22.0	1.3	11.2	3.8 0.3	3.0 0.3	16	
1759.3+6654	51	17 59 20.33 +66 54 23.1	1.5	12.2	3.1 0.2	1.5 0.2	7	
1759.4+6549	53	17 59 22.35 +65 49 56.1	1.9	15.1	4.1 0.3	4.9 0.3	25	
1759.4+6448	54	17 59 22.58 +64 48 57.2	1.9	15.7	89.4 3.6	48.2 2.0	153	ID
1759.4+6735	59	17 59 22.96 +67 35 55.1	1.2	6.9	11.9 0.4	10.5 0.3	160	
1759.4+6725	59	17 59 24.09 +67 25 34.0	1.2	5.6	60.6 1.9	59.4 1.8	994	ID
1759.4+6424	56	17 59 25.90 +64 24 33.4	1.2	6.5	1.0 0.1	0.9 0.1	16	E? [0.3@90°]
1759.4+6837	60	17 59 26.22 +68 37 52.2	1.4	8.4	1.5 0.2	1.7 0.2	13	
1759.4+6534	57	17 59 26.24 +65 34 59.0	1.6	6.1	0.3 0.1	0.6 0.1	7	
1759.5+6408	55	17 59 28.80 +64 8 44.1	1.2	14.6	9.5 0.4	9.0 0.4	40	
1759.5+6402	55	17 59 28.84 +64 2 4.9	1.2	11.9	13.5 0.5	14.1 0.5	100	
1759.5+6825	60	17 59 29.55 +68 25 14.6	1.6	5.5	2.1 0.2	1.1 0.2	10	
1759.5+6711	59	17 59 29.67 +67 11 44.6	2.1	18.5	2.6 0.4	3.4 0.4	7	
1759.5+6556	53	17 59 30.54 +65 56 38.8	1.2	12.5	3.3 0.2	3.2 0.2	26	
1759.5+6450	54	17 59 31.85 +64 50 52.3	2.4	15.2	3.6 0.3	1.8 0.3	6	
1759.6+6401	55	17 59 33.46 +64 1 11.8	2.0	12.2	1.1 0.2	0.9 0.2	6	
1759.6+6839	60	17 59 34.26 +68 39 42.3	1.2	9.9	4.4 0.3	4.0 0.2	25	
1759.6+6544	57	17 59 35.03 +65 44 50.7	1.9	15.1	43.6 1.7	45.4 1.8	155	
1759.6+6734	59	17 59 35.29 +67 34 51.0	1.4	5.4	0.6 0.1	0.5 0.1	9	
1759.6+6616	58	17 59 36.36 +66 16 3.1	1.2	14.2	19.8 0.8	18.8 0.8	75	ID
1759.6+6717	59	17 59 38.13 +67 17 21.2	1.2	12.9	13.4 0.5	14.1 0.5	100	
1759.7+6855	50	17 59 41.85 +68 55 20.6	2.0	14.2	3.8 0.4	2.0 0.3	7	
1759.7+6413	56	17 59 42.26 +64 13 39.0	1.9	16.5	22.4 1.0	24.3 1.0	103	
1759.7+6613	53	17 59 43.48 +66 13 8.4	2.1	18.7	7.5 0.6	4.4 0.5	10	ID E? [0.3@260°]
1759.8+6408	55	17 59 45.41 +64 8 59.8	2.4	16.2	2.4 0.3	1.9 0.3	6	
1759.8+6529	57	17 59 46.44 +65 29 48.5	1.4	1.4	0.4 0.1	0.6 0.1	8	
1759.9+6610	53	17 59 53.09 +66 10 42.1	2.3	17.8	2.9 0.4	2.5 0.4	7	S
1759.9+6403	55	17 59 53.22 +64 3 24.8	1.8	14.7	2.1 0.3	1.6 0.3	7	

Name	Field	Position		Δ	ρ	Total	Speak	SNR	Notes
1759.9+6906	50	17 59	54.00 +69	6 53.4	2.4	16.0	3.5 0.5	7	S
1800.0+6358	55	17 59	57.10 +63	58 15.7	1.8	14.9	1.9 0.3	7	
1800.0+6855	50	17 59	58.07 +68	55 38.7	2.7	15.5	3.3 0.4	6	
1800.0+6905	50	18 0	0.17 +69	5 14.1	2.4	15.9	3.5 0.5	7	
1800.0+6916	50	18 0	0.26 +69	16 39.2	2.7	22.4	10.4 1.9	6	
1800.1+6814	60	18 0	3.12 +68	14 47.2	2.0	15.2	5.5 0.5	18	
1800.1+6427	56	18 0	3.62 +64	27 1.7	1.5	3.0	0.8 0.1	8	
1800.1+6840	60	18 0	4.59 +68	40 18.9	1.2	10.3	3.8 0.3	23	
1800.1+6438	56	18 0	5.08 +64	38 21.0	1.5	8.3	1.4 0.1	8	
1800.1+6451	62	18 0	6.83 +64	51 36.7	2.3	16.7	6.5 0.5	8	
1800.1+6636	58	18 0	7.10 +66	36 54.3	1.2	6.9	30.6 1.0	300	ID
1800.1+6604	53	18 0	7.34 +66	4 32.8	2.5	16.4	2.0 0.3	6	S
1800.1+6727	59	18 0	8.12 +67	27 37.2	1.4	2.5	0.5 0.1	9	ID
1800.1+6527	57	18 0	8.76 +65	27 32.5	1.2	2.6	5.0 0.2	40	E [0.6@290"] (F)
1800.2+6400	61	18 0	9.81 +64	0 18.9	1.3	14.0	3.0 0.3	14	
1800.2+6619	58	18 0	10.28 +66	19 42.3	1.3	10.3	2.1 0.2	15	
1800.2+6417	56	18 0	11.42 +64	17 34.8	1.4	12.5	1.7 0.1	10	S
1800.3+6646	58	18 0	15.94 +66	46 9.9	2.1	16.3	3.1 0.4	8	
1800.3+6739	59	18 0	16.06 +67	39 21.9	1.2	9.5	8.9 0.3	100	
1800.3+6527	57	18 0	18.29 +65	27 40.4	1.2	3.0	2.0 0.1	18	D [0.4@280"] (F)
1800.4+6630	58	18 0	21.74 +66	30 11.6	1.3	2.2	0.8 0.2	11	
1800.4+6506	62	18 0	22.08 +65	6 13.0	1.2	14.2	47.9 1.8	92	
1800.4+6439	56	18 0	24.19 +64	39 42.1	1.2	10.0	4.2 0.2	59	
1800.4+6415	56	18 0	25.04 +64	15 45.1	1.2	14.5	34.7 1.3	141	D [0.6@120"] * 1800.5+6415
1800.4+6759	66	18 0	26.08 +67	59 29.1	1.2	13.6	10.2 0.4	61	
1800.4+6404	61	18 0	26.25 +64	4 12.6	1.4	12.9	1.6 0.2	11	ID
1800.5+6640	58	18 0	28.44 +66	40 29.9	1.3	10.8	1.5 0.2	11	
1800.5+6654	64	18 0	28.48 +66	54 12.7	1.2	13.9	5.1 0.3	25	
1800.5+6705	64	18 0	29.09 +67	5 49.9	1.2	13.8	5.8 0.3	29	E? [0.5@330"]
1800.5+6415	56	18 0	30.22 +64	15 26.3	1.2	15.0	37.5 1.4	81	D [0.6@120"] * 1800.4+6415
1800.6+6644	58	18 0	34.08 +66	44 44.6	1.9	15.2	10.5 0.5	22	ID
1800.6+6736	59	18 0	34.31 +67	36 15.5	1.2	7.0	2.2 0.1	35	
1800.7+6413	56	18 0	40.13 +64	13 54.6	2.2	16.7	2.1 0.2	7	S
1800.7+6505	62	18 0	42.08 +65	5 24.7	1.7	11.9	1.1 0.2	8	
1800.7+6426	56	18 0	42.30 +64	26 28.4	1.2	5.7	1.0 0.1	17	
1800.7+6450	62	18 0	42.49 +64	50 26.8	2.0	14.3	3.8 0.3	6	
1800.7+6459	62	18 0	42.49 +64	59 16.9	1.7	10.5	2.5 0.2	8	

Name	Field	Position		A	ρ	Stotal	Speak	SNR	Notes
1800.7+6528	57	18	0 43.15 +65 28	5.4	1.2	4.9	23.8	0.7	22.4 0.7 286
1800.8+6458	62	18	0 49.77 +64 58	46.3	1.5	9.8	2.5	0.2	1.2 0.2 9
1800.8+6629	58	18	0 50.69 +66 29	27.2	1.2	5.1	2.0	0.1	1.8 0.1 21
1800.9+6441	56	18	0 53.39 +64 41	36.8	1.4	13.0	12.8	0.5	1.1 0.1 10 (X)
1800.9+6721	59	18	0 55.78 +67 21	33.0	1.2	10.0	2.2	0.1	2.3 0.1 25 ID
1801.0+6536	57	18	0 59.52 +65 36	39.8	1.2	9.0	2.7	0.2	1.7 0.1 15 D? [0.4@260°]
1801.0+6400	61	18	1 0.65 +64 0	8.4	1.4	8.4	1.3	0.2	1.2 0.1 11
1801.0+6800	66	18	1 1.51 +68 0	30.1	1.3	10.2	2.1	0.1	1.7 0.1 19
1801.0+6505	62	18	1 2.89 +65 5	31.5	1.2	10.0	65.1	2.1	31.5 1.0 230
1801.1+6725	59	18	1 6.82 +67 25	32.3	1.2	7.8	2.5	0.1	1.1 0.1 16 ID D [0.4@70°]
1801.1+6659	64	18	1 7.64 +66 59	8.6	1.2	8.8	1.1	0.1	1.4 0.1 16
1801.1+6459	62	18	1 7.78 +64 59	20.2	1.2	7.9	4.9	0.2	2.4 0.2 21
1801.2+6631	58	18	1 14.43 +66 31	14.2	1.3	7.5	1.7	0.1	1.3 0.1 13
1801.2+6902	65	18	1 14.54 +69 2	40.4	1.2	7.8	202.7	6.3	157.2 4.9 770 ID E [0.4@30°]
1801.2+6359	61	18	1 14.70 +63 59	33.2	1.9	6.8	0.8	0.2	0.7 0.1 7
1801.3+6631	58	18	1 19.76 +66 31	14.3	1.5	8.0	1.1	0.1	0.8 0.1 8
1801.3+6459	62	18	1 19.87 +64 59	25.6	2.1	6.6	2.1	0.2	0.6 0.1 6
1801.4+6718	59	18	1 21.13 +67 18	45.7	1.2	13.7	10.5	0.4	10.3 0.4 63
1801.4+6643	64	18	1 24.07 +66 43	48.0	1.9	17.7	18.3	0.9	14.1 0.7 35 ID E? [0.4@190°]
1801.5+6819	60	18	1 29.09 +68 19	23.8	1.2	13.5	53.6	2.0	53.8 2.0 210 ID
1801.5+6717	59	18	1 32.20 +67 17	36.4	2.1	15.3	1.7	0.2	1.9 0.2 8
1801.5+6802	66	18	1 32.27 +68 2	54.5	1.2	7.8	2.9	0.1	2.9 0.1 39
1801.5+6645	64	18	1 32.46 +66 45	8.6	2.1	16.2	3.6	0.3	2.5 0.3 9 ID
1801.6+6459	62	18	1 33.08 +64 59	9.1	1.9	5.2	1.4	0.1	0.6 0.1 7
1801.6+6747	66	18	1 34.31 +67 47	23.6	1.2	14.5	5.5	0.3	4.3 0.3 25
1801.6+6913	65	18	1 34.56 +69 13	13.4	1.7	14.4	7.4	0.6	3.9 0.6 8
1801.6+6514	62	18	1 34.97 +65 14	30.4	2.4	15.4	5.9	0.4	2.1 0.4 7
1801.6+6727	59	18	1 35.45 +67 27	40.7	1.2	9.4	9.2	0.3	9.7 0.3 114
1801.6+6355	61	18	1 35.69 +63 55	2.3	1.9	6.7	0.8	0.2	0.7 0.1 7
1801.6+6348	61	18	1 36.38 +63 48	56.6	1.4	12.0	2.2	0.2	1.8 0.2 11
1801.7+6435	56	18	1 43.85 +64 35	10.2	1.3	12.4	1.0	0.2	1.2 0.1 12
1801.8+6350	61	18	1 48.10 +63 50	1.2	1.2	10.4	14.8	0.5	11.9 0.4 87
1801.8+6701	64	18	1 49.32 +67 1	44.8	1.3	5.0	1.2	0.1	0.8 0.1 13
1801.8+6659	64	18	1 49.93 +66 59	12.5	1.3	4.7	1.0	0.1	0.8 0.1 14
1801.9+6805	66	18	1 51.87 +68 5	26.0	1.2	7.7	3.1	0.1	3.0 0.1 42
1801.9+6706	64	18	1 53.90 +67 6	5.5	1.2	7.4	3.5	0.1	3.5 0.1 47
1801.9+6752	66	18	1 54.16 +67 52	2.9	1.2	9.5	8.7	0.3	8.3 0.3 97

Name	Field	Position	A	ρ	Stotal	Speak	SNR	Notes
1801.9+6555	63	1 55.05 +65 55	6.7	1.4	5.9	1.3	0.1	
1801.9+6505	62	1 56.19 +65 5	32.5	1.9	6.2	2.1	0.1	
1802.0+6448	62	1 57.53 +64 48	15.1	1.7	12.1	4.9	0.3	
1802.0+6436	56	1 57.77 +64 36	13.4	1.6	14.2	1.8	0.2	
1802.0+6657	64	1 57.83 +66 57	14.7	1.2	4.7	23.0	0.7	S
1802.0+6427	56	1 59.47 +64 27	42.1	1.6	13.1	0.9	0.1	D [0.9@230°] » 1802.1+6657 (F)
1802.1+6657	64	2 4.63 +66 57	54.7	1.2	3.8	9.9	0.3	ID
1802.1+6357	61	2 6.43 +63 57	7.6	1.3	3.1	1.1	0.1	D [0.9@230°] » 1802.0+6657 (F)
1802.2+6527	57	2 9.33 +65 27	28.4	1.2	13.7	30.1	1.1	
1802.2+6450	62	2 9.38 +64 50	50.8	1.8	9.2	0.6	0.2	
1802.2+6500	62	2 9.41 +65 0	38.9	1.6	1.5	2.1	0.1	
1802.2+6459	62	2 11.14 +64 59	34.4	1.3	1.2	5.1	0.2	
1802.3+6456	62	2 20.15 +64 56	49.4	1.2	3.2	210.7	6.3	D [0.4@170°]
1802.4+6600	63	2 21.43 +66 0	29.5	1.2	0.8	4.2	0.2	D [0.4@110°]
1802.4+6851	65	2 22.99 +68 51	41.8	1.4	8.4	3.3	0.3	
1802.4+6455	62	2 23.65 +64 55	31.9	2.0	4.5	1.6	0.1	ID
1802.4+6710	64	2 23.89 +67 10	25.1	1.2	10.5	5.1	0.2	
1802.4+6748	66	2 23.90 +67 48	4.6	1.4	12.2	1.5	0.2	
1802.5+6455	62	2 27.56 +64 55	0.4	1.5	5.0	3.2	0.2	ID
1802.5+6357	61	2 30.82 +63 57	59.4	1.6	2.5	1.4	0.1	
1802.6+6513	62	2 33.42 +65 13	6.2	1.3	13.2	8.5	0.4	
1802.6+6452	62	2 34.54 +64 52	54.7	2.1	7.2	1.3	0.1	
1802.6+6811	66	2 37.55 +68 11	9.8	1.2	11.2	7.0	0.3	ID
1802.7+6456A	62	2 39.22 +64 56	16.1	1.4	4.1	3.3	0.2	
1802.7+6503	62	2 39.90 +65 3	13.0	1.8	3.7	1.6	0.1	
1802.7+6756	66	2 41.45 +67 56	39.7	1.9	3.4	1.1	0.1	
1802.7+6841	60	2 42.15 +68 41	55.8	2.9	19.0	5.0	0.9	
1802.7+6456B	62	2 44.06 +64 56	44.0	1.3	4.0	3.8	0.2	ID
1802.7+6518	68	2 44.59 +65 18	48.3	2.1	17.2	1.2	0.2	
1802.8+6648	64	2 46.70 +66 48	15.0	1.2	11.8	4.0	0.2	
1802.9+6720	70	2 51.26 +67 20	43.9	1.9	16.5	9.8	0.5	ID
1802.9+6435	67	2 52.40 +64 35	39.3	2.4	18.3	2.1	0.4	
1802.9+6915	65	2 54.82 +69 15	26.3	2.0	15.5	11.5	0.8	
1802.9+6349	61	2 54.83 +63 49	26.3	1.2	11.3	2.9	0.2	
1802.9+6447	67	2 55.63 +64 47	20.7	1.9	11.3	0.5	0.1	
1802.9+6450	67	2 56.05 +64 50	59.7	1.7	11.0	1.1	0.1	
1802.9+6523	68	2 56.33 +65 23	28.0	1.2	13.5	2.3	0.1	

Name	Field	Position	A	ρ	Stotal	Speak	SNR	Notes
1802.9+6506	62	18 2 56.88 +65 6 47.2	1.4	7.7	4.1 0.2	1.2 0.2	11	E? [0.2@100']
1803.0+6505	62	18 2 57.65 +65 5 16.3	1.6	6.5	2.9 0.2	0.8 0.1	8	
1803.0+6451	67	18 2 59.61 +64 51 54.8	1.5	10.7	1.5 0.1	0.8 0.1	8	
1803.0+6354	61	18 3 0.70 +63 54 39.3	1.2	7.2	14.1 0.5	14.2 0.5	143	
1803.0+6450	67	18 3 0.84 +64 50 16.5	1.3	10.4	1.5 0.1	1.4 0.1	15	
1803.0+6437	67	18 3 1.05 +64 37 55.8	2.1	16.0	2.0 0.3	2.0 0.3	8	
1803.1+6542	68	18 3 5.18 +65 42 30.3	2.1	16.5	1.4 0.2	1.8 0.2	8	
1803.1+6852	65	18 3 6.03 +68 52 40.1	1.6	7.8	8.0 0.4	1.8 0.3	9	D? [0.9@290'] * 1803.2+6852 (F)
1803.1+6455	62	18 3 7.40 +64 55 27.9	1.8	6.6	3.0 0.2	0.7 0.1	7	
1803.2+6839	71	18 3 9.49 +68 39 51.6	2.4	16.1	5.2 0.6	3.9 0.6	9	
1803.2+6352	61	18 3 9.69 +63 52 10.0	1.2	9.7	6.4 0.3	6.7 0.3	53	
1803.2+6439	67	18 3 10.94 +64 39 39.0	1.7	14.0	1.3 0.2	1.1 0.2	7	
1803.2+6601	63	18 3 12.73 +66 1 51.4	1.8	4.9	0.6 0.2	0.6 0.1	6	
1803.2+6554	63	18 3 14.17 +65 54 20.0	1.2	7.3	6.4 0.2	6.7 0.2	61	
1803.2+6852	65	18 3 14.91 +68 52 19.2	1.5	8.4	8.3 0.4	2.1 0.3	10	D? [0.9@290'] * 1803.1+6852 (F)
1803.3+6839	71	18 3 15.84 +68 39 33.6	2.6	15.5	2.9 0.5	3.0 0.5	8	
1803.3+6725	70	18 3 16.14 +67 25 16.7	1.2	12.2	7.5 0.3	7.5 0.3	69	(F)
1803.3+6642	69	18 3 16.50 +66 42 26.2	1.9	16.2	6.0 0.5	7.6 0.5	19	
1803.3+6853	65	18 3 17.11 +68 53 0.6	1.8	7.8	2.3 0.3	1.5 0.3	8	(F)
1803.3+6538	68	18 3 17.49 +65 38 49.5	1.2	13.0	7.7 0.3	7.7 0.3	68	
1803.4+6852	65	18 3 22.00 +68 52 20.3	1.8	8.6	3.9 0.3	1.6 0.3	7	
1803.4+6459	62	18 3 22.78 +64 59 3.6	2.0	6.5	1.7 0.1	0.6 0.1	6	
1803.4+6720	70	18 3 24.65 +67 20 21.1	1.2	14.2	5.9 0.3	5.7 0.3	38	ID E? [0.2@10']
1803.4+6818	66	18 3 26.91 +68 18 14.7	2.0	18.6	7.5 0.6	6.5 0.5	15	ID
1803.5+6727	70	18 3 28.64 +67 27 52.5	1.2	10.2	3.7 0.2	1.8 0.1	22	E [0.4@330']
1803.5+6729	70	18 3 31.07 +67 29 34.7	1.2	9.7	3.8 0.2	4.0 0.2	52	
1803.6+6818	71	18 3 33.92 +68 18 29.1	2.0	15.6	6.9 0.6	5.9 0.5	14	ID
1803.6+6915	65	18 3 36.67 +69 15 56.7	2.1	16.8	29.8 1.5	8.3 0.9	10	
1803.6+6455	67	18 3 36.95 +64 55 17.8	1.2	8.4	5.2 0.2	4.9 0.2	66	
1803.7+6524	68	18 3 39.50 +65 24 57.5	1.5	8.8	0.6 0.1	0.4 0.1	7	
1803.7+6625	69	18 3 40.06 +66 25 13.4	1.9	9.4	0.6 0.2	0.8 0.2	6	
1803.7+6845	65	18 3 40.21 +68 45 24.9	1.9	15.7	37.2 1.6	26.7 1.3	42	ID D? [1.0@100'] * 1803.8+6845
1803.7+6703	64	18 3 42.82 +67 3 1.6	1.6	7.1	1.9 0.1	0.5 0.1	7	ID
1803.7+6550	63	18 3 43.55 +65 50 22.9	1.7	12.4	1.3 0.2	1.4 0.2	7	ID
1803.8+6445	67	18 3 45.55 +64 45 34.2	1.4	7.2	0.7 0.1	0.7 0.1	10	
1803.8+6441	67	18 3 46.00 +64 41 51.7	1.2	9.9	2.5 0.1	2.1 0.1	24	
1803.8+6538	68	18 3 47.43 +65 38 18.5	1.4	10.4	0.6 0.1	0.6 0.1	9	

Name	Field	Position	A	ρ	Total	Speak	SNR	Notes
1803.8+6753	66	3 50.04 +67 53 13.5	1.2	8.8	5.9 0.2	6.0 0.2	76 ID	
1803.8+6845	71	3 50.99 +68 45 18.0	2.0	17.7	17.1 1.0	9.2 0.8	14 ID	D? [1.0@100"] » 1803.7+6845
1803.9+6605	63	3 51.09 +66 5 14.0	1.2	9.9	44.8 1.4	30.0 1.0	209 ID	D [0.5@330"]
1803.9+6741	70	3 51.12 +67 41 6.9	1.5	13.6	0.8 0.2	1.2 0.2	8	
1803.9+6516	68	3 51.27 +65 16 0.4	1.9	15.3	18.3 0.7	18.1 0.7	100	
1803.9+6406	61	3 51.30 +64 6 23.9	1.2	12.2	3.9 0.2	4.0 0.2	23	
1803.9+6548	63	3 53.99 +65 48 25.0	1.2	14.6	43.1 1.7	42.3 1.6	139 ID	E? [0.6@330"]
1803.9+6806	66	3 54.87 +68 6 15.7	1.2	8.7	13.3 0.4	11.3 0.4	143	
1803.9+6628	69	3 55.43 +66 28 54.5	1.6	6.6	0.9 0.2	0.7 0.1	7	
1804.0+6433	67	3 57.65 +64 33 26.2	1.9	17.2	22.5 1.0	20.9 1.0	64 ID	
1804.0+6754	66	3 59.24 +67 54 53.8	1.3	8.2	1.3 0.1	1.3 0.1	17 ID	
1804.0+6623	69	4 0.93 +66 23 1.4	1.4	9.2	1.2 0.2	1.2 0.2	10	
1804.0+6454	67	4 1.08 +64 54 11.1	1.8	5.8	0.8 0.1	0.4 0.1	6	
1804.0+6503	62	4 1.42 +65 3 9.6	1.9	10.9	3.1 0.2	1.1 0.2	7	
1804.0+6452	67	4 2.70 +64 52 39.3	1.6	4.7	0.6 0.1	0.4 0.1	7	
1804.1+6921	65	4 3.02 +69 21 18.3	1.9	22.6	78.8 5.7	66.1 5.0	19	D [0.7@200"]
1804.1+6627	69	4 4.92 +66 27 27.9	1.7	6.1	1.0 0.1	0.6 0.1	7	
1804.1+6431	67	4 5.43 +64 31 3.4	2.3	19.3	1.9 0.5	3.5 0.5	6	
1804.1+6753	66	4 7.14 +67 53 8.1	1.2	10.0	10.1 0.3	10.8 0.4	120 ID	
1804.1+6713	70	4 8.32 +67 13 58.5	1.9	17.2	5.8 0.4	7.0 0.4	24	
1804.2+6533	68	4 10.13 +65 33 13.6	1.3	5.1	0.7 0.1	0.5 0.1	10	
1804.2+6812	66	4 10.97 +68 12 6.1	1.5	14.3	2.1 0.2	1.7 0.2	10	E? [0.2@350"]
1804.2+6657	64	4 11.87 +66 57 40.1	1.2	9.5	8.1 0.3	3.4 0.2	38	D [0.4@190"] (F)
1804.2+6627	69	4 12.27 +66 27 25.2	1.9	5.5	1.0 0.1	0.6 0.1	6	
1804.2+6551	63	4 13.79 +65 51 0.2	1.2	14.1	35.1 1.3	21.1 0.8	76 ID	E [0.5@200"]
1804.2+6516	68	4 13.95 +65 16 6.2	1.2	14.4	2.6 0.2	2.7 0.2	18	
1804.3+6809	66	4 15.15 +68 9 8.2	1.2	12.2	3.0 0.2	2.9 0.2	25	
1804.3+6444	67	4 15.68 +64 44 16.8	1.7	6.2	0.7 0.1	0.4 0.1	7 ID	
1804.3+6401	61	4 16.09 +64 1 18.3	1.4	13.2	2.2 0.2	2.3 0.2	11	
1804.3+6529	68	4 16.94 +65 29 50.2	1.5	3.3	0.5 0.1	0.3 0.1	7	
1804.3+6623	69	4 17.27 +66 23 5.7	1.7	8.1	0.6 0.2	0.8 0.1	7	
1804.3+6724	70	4 19.04 +67 24 50.2	1.2	7.3	1.7 0.1	1.6 0.1	27	
1804.3+6525	68	4 19.26 +65 25 31.9	1.4	5.4	0.6 0.1	0.4 0.1	9	
1804.3+6523	68	4 19.37 +65 23 42.1	1.6	7.0	0.5 0.1	0.3 0.1	7	
1804.3+6915	65	4 20.81 +69 15 25.0	2.0	18.0	21.6 1.4	14.8 1.3	14	
1804.4+6627	69	4 23.29 +66 27 24.6	1.8	4.6	1.4 0.1	0.6 0.1	6	
1804.4+6803	66	4 23.29 +68 3 39.9	1.2	9.4	2.0 0.1	1.8 0.1	21	

Name	Field	Position		Δ	ρ	Stotal	Speak	SNR	Notes	
1804.4+6916	65	18	4 23.47 +69 16	8.7	1.9	18.7	58.9	3.0	D [0.8@200"]	
1804.4+6440	67	18	4 24.49 +64 40	37.9	1.5	9.5	0.7	0.1		
1804.4+6918	65	18	4 24.95 +69 18	19.4	2.2	20.7	21.8	2.3		
1804.4+6913	65	18	4 26.10 +69 13	37.2	1.9	16.8	72.1	3.2		ID
1804.5+6811	66	18	4 27.05 +68 11	56.1	1.5	15.0	3.1	0.2	10	
1804.5+6918	65	18	4 27.73 +69 18	53.4	2.3	21.3	16.5	2.4	8	
1804.5+6550	63	18	4 28.37 +65 50	48.3	1.9	15.4	8.4	0.5	21	E [0.2@100"]
1804.5+6440	67	18	4 29.48 +64 40	3.2	1.3	10.0	1.4	0.1	13	
1804.5+6749	66	18	4 29.62 +67 49	15.7	1.3	14.3	3.0	0.2	18	
1804.5+6348	72	18	4 31.22 +63 48	28.8	1.9	19.2	9.8	0.7	19	
1804.6+6917	65	18	4 35.29 +69 17	28.7	2.0	20.4	23.0	2.2	12	ID
1804.6+6627	69	18	4 36.05 +66 27	6.9	1.2	3.8	6.1	0.2	67	
1804.6+6837	71	18	4 36.09 +68 37	1.6	1.5	8.4	2.2	0.2	11	
1804.6+6723	70	18	4 36.13 +67 23	26.0	1.2	7.4	8.6	0.3	134	
1804.6+6625	69	18	4 37.04 +66 25	30.5	1.2	5.1	70.1	2.1	725	
1804.6+6918	65	18	4 37.54 +69 18	21.4	2.0	21.3	35.4	3.0	12	
1804.6+6732	70	18	4 37.89 +67 32	31.8	1.2	4.2	4.0	0.1	79	ID
1804.6+6814	66	18	4 38.20 +68 14	47.3	2.0	17.9	5.9	0.5	13	
1804.6+6604	63	18	4 38.54 +66 4	56.1	1.3	14.2	4.2	0.3	14	
1804.7+6858	65	18	4 39.02 +68 58	5.8	1.2	11.1	27.7	1.0	93	
1804.7+6604	74	18	4 40.08 +66 4	51.9	1.9	17.3	4.4	0.3	20	
1804.7+6902	65	18	4 41.21 +69 2	15.9	1.3	11.3	4.7	0.4	14	
1804.7+6739	70	18	4 44.26 +67 39	55.7	1.9	10.3	0.5	0.1	6	ID
1804.7+6459	67	18	4 44.97 +64 59	54.0	1.2	9.9	4.5	0.2	53	
1804.8+6550	74	18	4 45.60 +65 50	39.5	1.9	18.6	19.0	0.9	48	
1804.8+6544	68	18	4 45.71 +65 44	50.0	1.7	14.9	1.0	0.2	6	
1804.8+6450	67	18	4 47.65 +64 50	8.1	1.2	0.9	3.2	0.1	48	
1804.8+6630	69	18	4 48.59 +66 30	34.4	1.5	1.4	0.7	0.2	9	
1804.9+6441	67	18	4 51.63 +64 41	18.0	1.4	8.8	1.3	0.1	10	ID
1804.9+6524	68	18	4 54.61 +65 24	39.7	1.4	5.3	0.3	0.1	9	
1804.9+6627	69	18	4 56.66 +66 27	56.8	1.3	2.1	1.1	0.1	14	
1804.9+6536	68	18	4 56.83 +65 36	21.0	1.2	6.4	2.1	0.1	43	
1805.0+6653A	64	18	4 57.60 +66 53	49.1	1.9	15.2	58.6	2.3	100	
1805.0+6656	64	18	4 57.82 +66 56	59.7	1.2	14.2	14.4	0.6	65	
1805.0+6857	65	18	4 58.09 +68 57	31.8	1.4	13.0	9.4	0.6	11	ID
1805.0+6836	71	18	4 59.11 +68 36	6.9	1.6	6.6	1.7	0.2	10	
1805.0+6623	69	18	4 59.68 +66 23	34.1	1.5	6.4	0.6	0.2	8	

Name	Field	Position	A	ρ	Stotal	Speak	SNR	Notes
1805.0+6653B	64	18 5 2.48 +66 53 16.6	1.9	15.8	64.9	34.8	1.4	D [0.7@320"] * 1805.0+6653A (F)
1805.0+6343	72	18 5 2.81 +63 43 50.8	2.4	20.1	4.6	4.6	0.7	
1805.1+6412	72	18 5 6.84 +64 12 15.8	1.9	16.8	19.2	21.6	1.0	
1805.1+6550	74	18 5 8.22 +65 50 9.7	1.9	17.0	44.1	23.2	1.0	D [0.3@330"]
1805.2+6737	70	18 5 9.46 +67 37 46.5	1.2	7.8	3.3	3.4	0.1	
1805.2+6535	68	18 5 9.49 +65 35 42.8	1.2	6.1	5.1	4.7	0.2	
1805.2+6433	67	18 5 10.42 +64 33 18.2	2.3	17.1	1.6	2.1	0.3	
1805.2+6701	64	18 5 11.05 +67 1 46.9	2.0	15.2	2.2	2.1	0.2	
1805.2+6753	66	18 5 11.25 +67 53 26.6	1.4	14.9	3.2	2.4	0.2	
1805.2+6415	72	18 5 11.76 +64 15 55.1	2.5	19.3	3.4	3.5	0.5	
1805.2+6448	67	18 5 11.90 +64 48 4.4	1.3	4.0	1.1	0.7	0.1	D [0.4@150"]
1805.2+6355	72	18 5 13.30 +63 55 56.4	1.2	11.4	21.1	12.4	0.4	
1805.2+6442	67	18 5 13.33 +64 42 58.2	1.5	7.9	0.6	0.6	0.1	
1805.2+6537	68	18 5 14.09 +65 37 54.6	1.2	8.3	1.8	1.4	0.1	
1805.3+6820	71	18 5 15.42 +68 20 6.6	2.0	9.9	1.6	1.3	0.2	ID
1805.3+6649	75	18 5 15.49 +66 49 56.9	2.8	17.7	1.5	2.1	0.4	
1805.3+6621	69	18 5 16.28 +66 21 9.8	1.2	8.9	7.0	4.3	0.2	E? [0.5@330"]
1805.3+6500	67	18 5 17.91 +65 0 50.0	1.6	11.5	1.1	0.8	0.1	
1805.3+6635	69	18 5 17.93 +66 35 10.8	1.6	5.4	0.8	0.7	0.1	
1805.3+6903	65	18 5 19.34 +69 3 44.3	2.2	15.1	8.8	4.6	0.7	
1805.4+6710	75	18 5 22.17 +67 10 11.3	2.5	17.2	1.6	2.2	0.4	ID
1805.4+6736	70	18 5 26.24 +67 36 46.0	1.2	6.9	1.0	1.0	0.1	
1805.4+6904	77	18 5 26.56 +69 4 5.2	2.1	16.2	7.6	6.3	0.7	S
1805.4+6846	71	18 5 26.81 +68 46 30.0	2.6	16.5	5.7	3.6	0.6	
1805.5+6534	74	18 5 27.44 +65 54 49.9	1.7	12.9	0.9	0.7	0.1	ID
1805.5+6541	68	18 5 27.56 +65 41 29.6	1.2	12.2	2.6	3.1	0.1	
1805.5+6618	69	18 5 28.31 +66 18 29.2	1.6	11.9	2.5	1.3	0.2	
1805.5+6535	68	18 5 30.48 +65 35 22.7	1.2	6.9	3.4	1.4	0.1	D [0.5@170"] (F)
1805.5+6919	77	18 5 30.56 +69 19 14.2	2.4	24.5	46.8	37.1	4.8	
1805.5+6352	72	18 5 30.78 +63 52 54.1	1.8	11.3	1.5	0.8	0.1	
1805.5+6644	69	18 5 31.42 +66 44 53.8	2.3	15.2	1.9	2.0	0.3	ID
1805.5+6812	76	18 5 31.55 +68 12 49.6	2.6	19.6	5.7	4.0	0.6	
1805.5+6710	75	18 5 31.63 +67 10 4.6	1.9	16.4	49.4	39.4	1.7	E? [0.3@340"]
1805.5+6736	70	18 5 32.09 +67 36 50.6	1.3	7.1	0.7	0.8	0.1	
1805.6+6910	77	18 5 36.52 +69 10 28.6	2.0	18.1	12.2	10.4	1.0	S
1805.6+6829	71	18 5 37.52 +68 29 40.8	1.2	0.9	8.4	4.4	0.2	D [0.6@120"] * 1805.7+6829
1805.6+6746	70	18 5 37.82 +67 46 13.6	2.4	16.4	1.3	1.6	0.2	

Name	Field	Position	Δ	ρ	Stotal	Speak	SNR	Notes
1805.7+6738	70	5 41.92 +67 38 42.4	1.2	9.1	5.3	0.2	74	
1805.7+6701	75	5 42.44 +67 1 35.3	2.0	12.1	0.9	0.2	7	
1805.7+6547	74	5 43.27 +65 47 13.6	1.9	16.4	3.3	0.2	12	
1805.7+6829	71	5 43.41 +68 29 23.6	1.3	1.5	8.4	0.3	21	D [0.6@120"] *1805.6+6829
1805.7+6415	72	5 44.55 +64 15 30.0	2.4	17.1	2.7	0.3	7	
1805.8+6626	69	5 45.41 +66 26 9.8	1.2	5.8	3.5	0.2	37	
1805.8+6406	72	5 49.57 +64 6 0.3	1.7	9.0	0.7	0.1	7	S
1805.9+6920	77	5 53.39 +69 20 47.6	2.2	24.6	30.6	4.7	9	
1805.9+6630	69	5 56.39 +66 30 54.5	1.2	5.6	8.6	0.3	83	ID
1805.9+6717	70	5 56.77 +67 17 19.6	1.2	13.4	3.1	0.2	25	ID
1806.0+6645	69	5 57.55 +66 45 6.0	1.9	16.1	19.5	0.9	28	D [0.4@320"]
1806.0+6629	69	5 57.74 +66 29 53.8	1.2	5.6	3.5	0.2	37	
1806.0+6833	71	5 58.20 +68 33 38.1	1.5	4.6	1.6	0.2	11	
1806.0+6543	68	5 58.28 +65 43 54.3	1.9	15.7	2.7	0.2	17	
1806.0+6655	75	5 59.14 +66 55 0.7	1.2	11.4	3.8	0.2	33	
1806.0+6346	72	5 59.73 +63 46 47.4	1.4	14.4	2.4	0.2	12	
1806.0+6727	70	5 59.86 +67 27 8.4	1.2	5.3	26.6	0.8	264	D? [1.2@140"] *1806.1+6726
1806.0+6739	70	6 0.77 +67 39 43.5	1.2	10.7	5.4	0.2	51	
1806.0+6834	71	6 1.62 +68 34 33.1	1.2	5.5	11.8	0.4	96	
1806.0+6801	76	6 1.72 +68 1 36.5	1.2	12.2	17.5	0.6	87	E [0.8@20"] (F)
1806.1+6504	73	6 3.91 +65 4 54.7	1.2	8.2	7.3	0.3	37	
1806.1+6547	74	6 4.45 +65 47 21.3	1.2	15.0	3.6	0.2	20	
1806.1+6509	73	6 5.02 +65 9 50.1	1.7	11.8	2.1	0.2	8	
1806.1+6726	70	6 8.00 +67 26 16.2	1.2	6.4	27.7	0.8	193	D? [1.2@140"] *1806.0+6727
1806.1+6454	73	6 8.86 +64 54 8.6	1.2	8.4	3.3	0.2	20	(F)
1806.2+6715	70	6 10.75 +67 15 47.3	1.9	15.3	32.6	1.3	179	
1806.2+6803	76	6 11.79 +68 3 33.1	1.9	11.6	1.7	0.2	7	
1806.3+6504	73	6 17.00 +65 4 48.6	1.7	7.0	2.0	0.1	8	
1806.3+6829	71	6 17.79 +68 29 54.8	1.2	4.6	7.2	0.3	54	
1806.3+6436	67	6 19.46 +64 36 32.4	2.2	17.2	2.3	0.3	7	
1806.3+6410	72	6 19.87 +64 10 9.3	1.2	10.7	24.9	0.8	233	
1806.3+6739	70	6 20.38 +67 39 13.5	1.2	11.2	2.4	0.1	30	
1806.4+6459	73	6 21.11 +64 59 33.6	1.9	4.8	1.1	0.1	7	
1806.4+6458	73	6 23.24 +64 58 58.1	1.7	4.6	1.7	0.1	8	
1806.4+6426	78	6 24.70 +64 26 58.9	2.6	19.0	5.7	0.9	7	
1806.4+6619	69	6 25.10 +66 19 57.4	1.8	13.2	1.3	0.2	7	
1806.4+6915	77	6 26.69 +69 15 9.9	2.4	18.3	8.0	1.0	8	

Name	Field	Position		A	ρ	Total	Speak	SNR	Notes
1806.5+6354	72 18	6 27.03	+63 54	19.3	1.3	6.2	0.9	0.2	0.8 0.1 12
1806.5+6759	76 18	6 27.46	+67 59	58.4	1.6	9.6	1.1	0.1	0.9 0.1 9
1806.5+6733	70 18	6 28.27	+67 33	18.1	1.2	7.9	3.5	0.1	3.5 0.1 55
1806.5+6826	71 18	6 28.41	+68 26	55.1	1.2	6.3	10.4	0.4	6.1 0.3 48
1806.5+6405	72 18	6 28.72	+64 5	16.1	1.2	5.8	16.5	0.5	12.4 0.4 192
1806.5+6456	73 18	6 29.89	+64 56	55.4	1.2	4.9	65.1	2.0	21.9 0.7 312
1806.5+6402	72 18	6 32.42	+64 2	12.7	1.2	3.0	1.6	0.1	1.5 0.1 27
1806.6+6755	76 18	6 33.82	+67 55	18.7	1.2	10.1	2.1	0.1	2.1 0.1 21
1806.6+6354	72 18	6 34.11	+63 54	28.9	1.9	5.8	0.9	0.2	0.4 0.1 7
1806.6+6509	73 18	6 34.82	+65 9	54.0	1.2	10.4	37.2	1.2	15.8 0.5 143
1806.6+6454	73 18	6 38.43	+64 54	14.7	1.6	6.4	1.0	0.1	0.7 0.1 9
1806.7+6831	71 18	6 39.91	+68 31	34.3	1.2	6.8	3.7	0.2	3.4 0.2 26 ID
1806.7+6714	75 18	6 43.54	+67 14	34.9	2.6	15.8	1.0	0.3	1.6 0.3 7
1806.8+6536	68 18	6 46.37	+65 36	37.1	1.2	13.9	11.1	0.4	9.5 0.4 71
1806.8+6627	69 18	6 46.71	+66 27	36.1	1.2	10.8	7.5	0.3	7.0 0.3 46
1806.8+6719	70 18	6 47.13	+67 19	8.8	1.6	14.2	1.3	0.2	1.2 0.2 8 ID
1806.8+6831	71 18	6 49.60	+68 31	36.5	1.2	7.6	334.3	10.4	251.2 7.8 808 ID
1806.8+6529	68 18	6 49.89	+65 29	37.9	1.2	12.6	16.9	0.6	17.6 0.6 166
1806.8+6605	74 18	6 50.30	+66 5	2.4	1.3	6.0	0.7	0.1	0.6 0.1 12
1806.9+6456	73 18	6 52.76	+64 56	35.7	1.8	3.7	0.7	0.1	0.5 0.1 7
1806.9+6500	73 18	6 53.87	+65 0	10.5	1.2	1.3	7.5	0.2	3.5 0.1 54
1807.0+6346	72 18	6 57.84	+63 46	17.0	1.5	13.8	2.1	0.2	1.4 0.2 9
1807.0+6750	76 18	6 58.54	+67 50	55.4	1.9	11.3	1.4	0.2	0.9 0.1 7
1807.0+6919	77 18	6 59.57	+69 19	46.5	2.1	21.2	41.8	3.0	19.3 2.1 10 (X)
1807.0+6646	75 18	7 1.19	+66 46	57.7	1.8	13.7	0.9	0.2	1.3 0.2 8
1807.0+6431	78 18	7 2.20	+64 31	18.3	1.3	14.7	4.3	0.4	4.8 0.4 15
1807.1+6807	76 18	7 3.97	+68 7	41.4	2.3	9.8	0.9	0.2	0.6 0.1 6
1807.1+6628	69 18	7 4.11	+66 28	6.3	1.2	12.5	9.6	0.4	7.1 0.3 37 ID
1807.1+6753	76 18	7 5.97	+67 53	47.0	2.1	8.6	0.7	0.2	0.6 0.1 7
1807.2+6919	77 18	7 10.25	+69 19	44.7	2.6	20.7	16.2	1.9	11.5 1.8 7
1807.2+6701	75 18	7 10.29	+67 1	3.2	1.2	3.4	2.1	0.1	1.8 0.1 30
1807.2+6358	72 18	7 10.95	+63 58	47.7	2.0	2.5	0.4	0.1	0.3 0.1 6
1807.2+6402	72 18	7 11.99	+64 2	5.2	1.5	3.1	0.6	0.1	0.6 0.1 10
1807.2+6439	67 18	7 12.07	+64 39	41.4	2.3	19.4	3.2	0.5	3.6 0.5 6
1807.2+6719	70 18	7 13.05	+67 19	44.7	1.9	15.5	155.6	6.2	165.0 6.5 834 ID
1807.2+6920	77 18	7 13.22	+69 20	30.0	2.7	21.4	21.8	2.3	12.8 2.1 6
1807.2+6647	75 18	7 13.55	+66 47	14.7	1.3	13.1	3.7	0.2	2.1 0.2 15

Name	Field	Position		Δ	ρ	Stotal	Speak	SNR	Notes					
1807.2+6742	70	18	7 13.62	+67 42	54.1	1.9	17.3	54.7	2.4	55.7	2.5	188	ID	E? [0.4@30"]
1807.2+6601	74	18	7 14.01	+66 1	9.6	1.4	1.5	0.4	0.1	0.4	0.1	9		
1807.2+6537	79	18	7 14.64	+65 37	35.4	1.9	16.7	4.1	0.2	3.2	0.2	15		E [0.1@300"] (F)
1807.3+6858	77	18	7 15.07	+68 58	9.3	1.5	6.2	2.3	0.2	1.6	0.2	11		
1807.3+6805	76	18	7 15.62	+68 5	23.0	1.7	7.4	1.3	0.1	0.7	0.1	8		
1807.3+6605	74	18	7 17.21	+66 5	51.8	1.2	5.9	1.4	0.1	1.6	0.1	32		
1807.3+6906	77	18	7 18.41	+69 6	27.1	2.0	8.5	2.3	0.3	1.3	0.2	7		
1807.3+6907	77	18	7 18.98	+69 7	41.8	1.8	9.5	3.2	0.3	1.6	0.3	8		
1807.3+6618	74	18	7 19.05	+66 18	41.4	1.9	18.7	21.7	1.1	20.1	1.0	47	ID	E [0.4@10"]
1807.3+6736	70	18	7 20.13	+67 36	55.4	1.4	14.0	1.4	0.2	1.6	0.2	11		
1807.3+6738	70	18	7 20.77	+67 38	20.3	1.2	14.8	6.5	0.3	6.6	0.3	39		
1807.4+6716	75	18	7 22.06	+67 16	39.0	2.1	16.8	4.1	0.4	3.4	0.3	11		E [0.4@140"]
1807.4+6456	73	18	7 22.91	+64 56	26.5	1.9	4.0	0.7	0.1	0.5	0.1	7		
1807.4+6611	74	18	7 25.42	+66 11	29.8	1.3	11.5	1.2	0.1	1.1	0.1	11		
1807.4+6756	76	18	7 26.34	+67 56	54.2	1.2	5.1	6.0	0.2	5.7	0.2	83		
1807.4+6839	71	18	7 26.34	+68 39	36.2	2.1	14.5	2.4	0.4	2.5	0.4	8		
1807.4+6416	72	18	7 26.98	+64 16	52.1	2.4	17.3	2.3	0.3	2.2	0.3	6		
1807.5+6601	74	18	7 27.03	+66 1	45.0	1.6	1.8	0.5	0.1	0.3	0.1	6		S
1807.5+6509	73	18	7 27.55	+65 9	31.7	1.7	9.8	2.9	0.2	0.8	0.1	8		
1807.5+6540	79	18	7 28.58	+65 40	58.6	1.9	17.3	7.1	0.4	6.2	0.3	26		
1807.5+6753	76	18	7 28.71	+67 53	6.9	2.1	7.9	0.6	0.1	0.5	0.1	7		
1807.5+6841	71	18	7 29.45	+68 41	58.5	1.9	16.4	115.0	4.8	117.1	4.9	245	ID	
1807.5+6628	80	18	7 30.47	+66 28	36.4	1.9	15.2	9.9	0.4	4.2	0.3	22	ID	E [0.5@320"] (F)
1807.5+6557	74	18	7 31.08	+65 57	19.3	1.2	2.8	2.7	0.1	2.3	0.1	54		
1807.5+6757	76	18	7 31.42	+67 57	34.4	1.3	4.3	1.3	0.1	1.2	0.1	18		
1807.5+6429	78	18	7 32.28	+64 29	28.0	1.2	11.4	48.8	1.7	43.3	1.5	227	ID	E? [0.3@10"]
1807.6+6552	74	18	7 33.71	+65 52	7.2	1.7	7.9	0.5	0.1	0.4	0.1	6		
1807.6+6448	73	18	7 34.65	+64 48	0.5	1.8	12.4	2.3	0.2	1.0	0.2	7		
1807.7+6637	80	18	7 42.73	+66 37	21.6	2.2	15.7	2.0	0.2	1.6	0.2	8		
1807.8+6649	75	18	7 45.33	+66 49	14.7	1.7	10.7	1.6	0.1	0.9	0.1	9		
1807.8+6636	80	18	7 46.47	+66 36	44.6	2.2	15.1	1.8	0.2	1.4	0.2	7		
1807.8+6557	74	18	7 46.94	+65 57	8.5	1.6	3.7	0.3	0.1	0.3	0.1	7		
1807.8+6502	73	18	7 47.42	+65 2	40.4	1.2	5.1	28.4	0.9	14.3	0.5	201		
1807.8+6744	76	18	7 48.62	+67 44	3.5	1.9	16.1	64.3	2.6	65.1	2.7	243	ID	
1807.8+6439	78	18	7 50.93	+64 39	9.4	1.2	13.1	15.5	0.6	13.8	0.6	57		
1807.8+6604	74	18	7 50.93	+66 4	8.7	1.2	5.0	1.2	0.1	1.2	0.1	26	ID	
1807.9+6459	73	18	7 51.72	+64 59	13.8	1.7	4.9	1.8	0.1	0.6	0.1	8		

Name	Field	Position	Δ	ρ	Total	Speak	SNR	Notes
1807.9+6617	74	18 7 53.03 +66 17 30.3	1.9	17.8	21.6	1.0	24.4	1.1 71 ID
1807.9+6509	73	18 7 53.85 +65 9 40.5	1.3	10.9	2.5	0.2	1.6	0.2 14
1807.9+6451	73	18 7 56.66 +64 51 43.5	1.2	9.8	10.5	0.4	5.8	0.2 56 E [0.3@320"] (F)
1808.0+6700	75	18 7 58.20 +67 0 19.3	2.0	1.4	0.6	0.1	0.4	0.1 7
1808.0+6847	77	18 7 59.67 +68 47 37.9	1.2	12.6	21.2	0.8	17.1	0.7 58 E [0.3@310"]
1808.0+6906	77	18 8 0.83 +69 6 37.4	1.8	6.8	2.2	0.2	1.3	0.2 8
1808.0+6601	74	18 8 1.55 +66 1 42.1	1.2	4.3	2.1	0.1	2.0	0.1 45
1808.0+6736	81	18 8 1.72 +67 36 1.1	1.9	15.1	6.7	0.3	6.3	0.3 30 E? [0.2@320"]
1808.1+6605	74	18 8 3.83 +66 5 33.3	1.2	6.9	17.7	0.6	9.0	0.3 169 ID D [0.4@250"]
1808.1+6610	74	18 8 5.00 +66 10 55.0	1.2	11.8	7.2	0.3	6.8	0.2 69
1808.1+6727	81	18 8 5.35 +67 27 58.6	1.3	13.7	2.2	0.2	2.2	0.2 13
1808.1+6516	79	18 8 7.35 +65 16 37.4	2.1	16.4	0.9	0.2	1.5	0.2 7
1808.2+6450	73	18 8 9.06 +64 50 58.2	1.2	11.2	39.6	1.3	19.1	0.7 155
1808.2+6422	78	18 8 9.29 +64 22 28.4	1.3	10.5	2.8	0.2	2.9	0.2 17
1808.2+6814	76	18 8 11.83 +68 14 14.2	1.2	14.3	42.1	1.6	45.7	1.7 244 ID
1808.2+6556	74	18 8 12.93 +65 56 3.7	1.6	6.4	0.2	0.1	0.3	0.1 6
1808.2+6521	79	18 8 13.13 +65 21 16.1	1.3	12.5	1.3	0.1	1.2	0.1 14
1808.2+6748	76	18 8 13.58 +67 48 6.1	1.5	12.0	2.4	0.2	1.3	0.2 10
1808.2+6626	80	18 8 13.68 +66 26 1.4	1.9	11.5	0.3	0.1	0.6	0.1 6
1808.3+6427	78	18 8 17.11 +64 27 27.4	2.2	7.0	1.6	0.2	0.8	0.2 7
1808.3+6816	76	18 8 17.30 +68 16 50.1	2.2	16.9	3.1	0.4	2.7	0.4 9
1808.4+6348	72	18 8 22.27 +63 48 46.0	2.5	15.1	1.3	0.2	1.3	0.2 6
1808.4+6832	82	18 8 22.97 +68 32 43.3	1.3	14.3	9.2	0.6	6.9	0.6 16
1808.4+6635	80	18 8 23.15 +66 35 52.6	1.4	11.4	0.7	0.1	1.0	0.1 10
1808.4+6553	74	18 8 24.50 +65 53 56.1	1.3	8.7	1.0	0.1	0.9	0.1 13
1808.4+6533	79	18 8 24.90 +65 33 11.5	1.2	8.2	1.1	0.1	1.1	0.1 22
1808.5+6617	80	18 8 30.23 +66 17 30.3	2.1	15.6	1.8	0.2	1.9	0.2 9
1808.5+6735	81	18 8 32.55 +67 35 5.5	1.2	12.0	10.8	0.4	10.3	0.4 83
1808.6+6553	74	18 8 33.93 +65 53 27.7	1.3	9.7	0.6	0.1	0.8	0.1 11
1808.6+6802	76	18 8 35.05 +68 2 59.7	1.2	3.8	2.3	0.1	2.4	0.1 37
1808.6+6526	79	18 8 36.60 +65 26 31.7	1.3	7.2	0.3	0.1	0.5	0.1 10
1808.7+6435	78	18 8 40.98 +64 35 37.1	1.8	6.9	0.9	0.2	1.0	0.2 8
1808.7+6607	74	18 8 42.94 +66 7 35.6	1.2	11.1	1.2	0.1	1.2	0.1 14
1808.7+6447	73	18 8 43.78 +64 47 25.9	2.3	16.3	4.5	0.4	2.2	0.3 7
1808.8+6847	77	18 8 46.53 +68 47 48.4	2.1	12.5	4.9	0.4	2.0	0.4 7
1808.8+6744	76	18 8 48.35 +67 44 45.8	1.9	15.7	5.3	0.3	5.8	0.4 24
1808.8+6536	79	18 8 49.33 +65 36 47.2	1.3	8.4	0.6	0.1	0.5	0.1 10

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Name	Field	Position		Δ	ρ	Stotal	Speak	SNR	ID	Notes
1808.8+6634	80	18	8 49.67 +66 34 30.4	1.2	8.5	26.2	0.8	368		E? [0.6@330°]
1808.8+6607	74	18	8 49.75 +66 7 8.5	1.2	11.3	4.0	0.2	48		
1808.9+6443	78	18	8 52.36 +64 43 46.3	2.4	14.1	2.4	0.4	6		
1808.9+6419	78	18	8 55.71 +64 19 2.1	1.5	11.2	2.0	0.2	11		
1808.9+6703	75	18	8 55.84 +67 3 37.9	1.2	7.9	16.8	0.5	88		D? [0.9@210°] » 1809.0+6704 (F)
1808.9+6429	78	18	8 56.12 +64 29 47.9	1.6	2.4	1.3	0.2	10		
1809.0+6702	75	18	8 58.30 +67 2 10.0	1.2	7.6	9.3	0.3	107		(F)
1809.0+6645	75	18	8 58.88 +66 45 59.1	1.9	15.9	3.5	0.3	17		
1809.0+6630	80	18	8 59.57 +66 30 54.4	1.2	6.3	5.9	0.2	100		D? [0.9@210°] » 1808.9+6703 (F)
1809.0+6704	75	18	9 0.57 +67 4 25.4	1.2	8.7	17.7	0.6	92		
1809.0+6431	78	18	9 1.60 +64 31 32.0	1.2	2.3	2.5	0.2	25		
1809.0+6541	79	18	9 1.76 +65 41 39.7	1.3	12.3	0.8	0.1	12		
1809.0+6529	79	18	9 2.50 +65 29 45.4	1.2	3.7	1.2	0.1	21		E [0.4@0°]
1809.1+6426	78	18	9 4.69 +64 26 30.4	2.4	3.8	0.9	0.2	6		
1809.1+6735	81	18	9 5.61 +67 35 31.9	1.2	9.4	10.9	0.4	119		
1809.1+6607	74	18	9 7.19 +66 7 46.0	1.4	13.2	1.0	0.1	8		
1809.1+6402	72	18	9 7.26 +64 2 22.5	2.5	15.2	1.2	0.2	6		
1809.1+6623	80	18	9 8.66 +66 23 4.9	1.9	8.7	0.3	0.1	6		
1809.1+6851	77	18	9 8.82 +68 51 45.3	1.2	9.3	12.4	0.5	69		
1809.2+6343	72	18	9 9.16 +63 43 35.6	2.5	22.4	8.7	1.2	6		
1809.2+6701	75	18	9 10.78 +67 1 7.6	2.3	8.5	0.5	0.1	6	ID	
1809.2+6509	73	18	9 13.96 +65 9 14.2	2.0	16.4	4.0	0.4	13		
1809.2+6506	73	18	9 14.31 +65 6 7.5	2.1	14.9	23.8	0.9	6		
1809.3+6659	75	18	9 18.31 +66 59 45.0	1.2	9.2	3.8	0.2	37	ID	
1809.3+6624	80	18	9 18.65 +66 24 47.9	1.2	6.7	1.1	0.1	21		E? [0.2@300°]
1809.3+6529	79	18	9 19.38 +65 29 49.2	1.2	1.9	4.8	0.1	138		
1809.3+6526	79	18	9 19.53 +65 26 29.1	1.2	4.0	0.6	0.1	17		
1809.3+6546	79	18	9 20.04 +65 46 10.1	1.9	16.3	7.8	0.4	44		
1809.4+6635	80	18	9 25.09 +66 35 27.5	1.9	6.6	0.5	0.1	6		SD [0.6@110°]
1809.5+6351	83	18	9 30.57 +63 51 56.1	1.2	15.0	11.0	0.6	30		
1809.5+6824	82	18	9 32.03 +68 24 24.7	1.3	9.5	10.9	0.5	17		
1809.6+6704	75	18	9 33.85 +67 4 0.5	1.2	11.4	5.8	0.2	42	ID	
1809.6+6427	78	18	9 37.96 +64 27 48.0	1.5	3.1	1.2	0.2	11		S
1809.7+6700	75	18	9 44.43 +67 0 26.5	1.8	11.9	1.1	0.2	8	ID	
1809.8+6824	82	18	9 46.81 +68 24 16.4	1.5	8.5	4.1	0.3	10		
1809.8+6756	76	18	9 47.03 +67 56 11.5	1.2	9.8	6.8	0.3	69		
1809.8+6815	76	18	9 50.32 +68 15 36.4	2.5	18.2	1.8	0.5	7		

Name	Field	Position	Δ	ρ	Stotal	Speak	SNR	Notes
1809.9+6823	82	18 9 53.06 +68 23 19.9	1.4	8.8	4.4	0.3	12	S
1809.9+6728	81	18 9 53.73 +67 28 36.9	1.2	3.4	2.6	0.1	42	
1809.9+6436	78	18 9 55.08 +64 36 41.2	1.2	7.8	40.6	1.3	268	
1809.9+6725	81	18 9 55.37 +67 25 8.3	1.2	5.7	3.5	0.1	36	
1809.9+6701	75	18 9 56.07 +67 1 34.9	1.3	13.1	3.2	0.2	19	
1810.0+6345	83	18 9 57.22 +63 45 2.6	1.9	17.8	44.5	2.1	87	
1810.0+6655	75	18 9 58.38 +66 55 10.9	1.9	14.1	2.4	0.2	7	
1810.0+6910	77	18 10 2.16 +69 10 9.8	1.7	13.7	3.2	0.4	9	S
1810.0+6831	82	18 10 2.19 +68 31 53.9	1.2	5.3	6.0	0.3	41	ID
1810.0+6639	80	18 10 2.20 +66 39 21.2	1.7	9.3	0.7	0.1	7	
1810.1+6634	80	18 10 6.06 +66 34 14.4	1.2	4.2	2.2	0.1	31	
1810.1+6535	79	18 10 8.19 +65 35 55.1	1.2	6.7	4.5	0.1	105	
1810.1+6706	75	18 10 8.62 +67 6 24.3	2.4	15.5	1.7	0.3	8	
1810.2+6908	77	18 10 9.21 +69 8 40.9	1.7	13.1	3.6	0.4	8	S
1810.2+6750	76	18 10 14.95 +67 50 45.4	1.8	15.0	2.9	0.3	8	
1810.3+6834	82	18 10 15.39 +68 34 52.7	1.3	6.1	6.6	0.3	14	D [0.6@140"]
1810.3+6706	75	18 10 18.32 +67 6 14.2	1.9	16.3	19.7	0.9	56	
1810.3+6612	85	18 10 18.50 +66 12 12.1	1.9	17.2	16.6	0.8	48	E [0.5@80"]
1810.3+6822	82	18 10 20.18 +68 22 31.6	1.8	8.1	2.3	0.3	8	S
1810.3+6738	81	18 10 20.52 +67 38 49.5	1.2	8.8	9.0	0.3	40	D [0.5@140"] (F)
1810.4+6737	81	18 10 21.24 +67 37 45.4	1.3	7.7	2.1	0.1	16	E [0.4@100"] (F)
1810.4+6905	77	18 10 22.43 +69 5 44.0	1.7	12.4	3.7	0.4	8	
1810.4+6515	79	18 10 23.47 +65 15 56.9	1.7	14.9	0.6	0.2	6	
1810.4+6529	79	18 10 25.59 +65 29 57.4	1.5	4.9	0.3	0.1	8	
1810.4+6501	84	18 10 25.68 +65 1 17.5	1.3	9.0	1.1	0.2	11	
1810.4+6751	76	18 10 26.72 +67 51 26.6	2.2	15.5	2.4	0.3	9	
1810.4+6821	82	18 10 26.73 +68 21 55.9	1.4	8.5	3.9	0.3	11	S
1810.5+6831	82	18 10 27.87 +68 31 54.3	1.2	3.2	87.2	2.7	557	ID
1810.5+6635	80	18 10 28.27 +66 35 15.3	1.2	5.8	11.3	0.4	197	
1810.5+6644	80	18 10 29.97 +66 44 4.3	1.3	14.4	1.7	0.2	12	
1810.5+6402	83	18 10 30.75 +64 2 20.9	1.6	6.4	1.3	0.2	10	ID
1810.6+6903	77	18 10 35.74 +69 3 11.4	1.9	12.6	4.0	0.4	8	S
1810.6+6902	77	18 10 36.66 +69 2 27.6	2.0	12.5	4.6	0.4	7	S
1810.6+6554	85	18 10 36.85 +65 54 49.5	1.2	11.5	2.7	0.1	31	
1810.6+6807	76	18 10 37.47 +68 7 53.3	2.7	15.9	2.0	0.3	6	
1810.7+6901	77	18 10 41.11 +69 1 36.4	1.7	12.7	4.8	0.4	9	S
1810.8+6635	80	18 10 45.07 +66 35 40.8	1.3	7.1	0.8	0.1	14	

Name	Field	Position			A	ρ	Stotal	Speak	SNR	Notes
1810.8+6827	82	18	10	46.22 +68 27	18.9	1.2	18.1	0.6	114	
1810.9+6806	76	18	10	51.11 +68 6	34.7	2.7	2.3	0.3	6	
1810.9+6738	81	18	10	53.35 +67 38	41.8	1.3	1.0	0.2	13	
1810.9+6745	81	18	10	54.17 +67 45	16.5	1.9	4.5	0.3	17	ID
1810.9+6803	76	18	10	54.55 +68 3	2.9	2.3	5.2	0.3	8	D? [0.5@220°] D [0.4@280°]
1810.9+6630	80	18	10	54.68 +66 30	35.6	1.2	1.8	0.1	21	
1810.9+6840	82	18	10	55.00 +68 40	39.4	1.8	2.4	0.3	8	
1810.9+6721	81	18	10	56.28 +67 21	38.2	1.3	1.3	0.1	17	
1811.0+6525	79	18	10	57.77 +65 25	0.6	1.2	1.8	0.1	15	D? [0.4@40°]
1811.0+6810	76	18	10	59.23 +68 10	29.0	1.9	9.2	0.7	19	
1811.0+6342	83	18	11	0.05 +63 42	6.5	2.2	4.3	0.7	10	
1811.0+6558	85	18	11	0.19 +65 58	52.0	1.2	13.4	0.4	251	ID
1811.0+6719	81	18	11	0.91 +67 19	12.9	1.2	1.8	0.1	19	
1811.1+6845	82	18	11	4.72 +68 45	21.6	2.3	5.2	0.7	8	
1811.1+6351	83	18	11	4.82 +63 51	49.4	1.9	1.5	0.2	9	
1811.1+6637	80	18	11	8.60 +66 37	1.2	1.4	0.8	0.2	10	ID
1811.2+6728	81	18	11	12.14 +67 28	40.2	1.2	2.2	0.1	34	
1811.3+6653	86	18	11	19.54 +66 53	50.2	1.6	1.1	0.2	8	
1811.4+6406	83	18	11	21.59 +64 6	41.2	1.4	1.6	0.2	15	
1811.5+6545	85	18	11	27.44 +65 45	8.6	1.9	3.9	0.2	22	
1811.5+6730	81	18	11	28.04 +67 30	20.2	1.2	8.6	0.3	118	E [0.5@190°]
1811.5+6614	85	18	11	29.46 +66 14	46.1	2.0	1.7	0.2	12	
1811.5+6417	83	18	11	31.98 +64 17	30.4	1.9	13.3	0.8	30	ID
1811.6+6749	89	18	11	37.20 +67 49	46.9	1.9	26.1	1.4	32	
1811.6+6551	85	18	11	38.88 +65 51	37.4	1.5	0.3	0.1	8	
1811.7+6536	79	18	11	39.73 +65 36	9.9	1.5	0.9	0.2	7	
1811.7+6429	88	18	11	41.04 +64 29	6.6	2.2	2.3	0.4	7	ID
1811.7+6546	85	18	11	43.20 +65 46	19.5	1.5	0.7	0.2	8	
1811.7+6845	82	18	11	43.73 +68 45	3.0	2.2	7.0	0.7	10	
1811.7+6554	85	18	11	44.51 +65 54	38.5	1.2	9.2	0.3	35	D [0.9@330°] * 1811.8+6553 (F)
1811.8+6551	85	18	11	47.77 +65 51	53.7	1.2	6.8	0.2	108	ID
1811.8+6703	86	18	11	48.10 +67 3	33.7	1.9	0.7	0.2	6	
1811.8+6709	86	18	11	48.70 +67 9	29.9	1.3	1.4	0.2	11	
1811.8+6508	84	18	11	48.77 +65 8	13.9	1.5	1.7	0.2	7	S
1811.8+6553	85	18	11	48.95 +65 53	49.8	1.2	9.4	0.3	62	D [0.9@330°] * 1811.7+6554 (F)
1811.9+6624	80	18	11	53.67 +66 24	12.8	1.2	4.5	0.2	18	D? [1.0@80°] * 1812.1+6624 (F)
1812.0+6918	87	18	11	57.18 +69 18	4.4	2.3	9.8	1.2	8	

Name	Field	Position		Δ	ρ	Total	Speak	SNR	Notes
1812.0+6636	80	18 11	59.56 +66 36	38.8	1.9	13.5	1.0	0.2	S
1812.0+6644	86	18 12	2.65 +66 44	13.7	1.9	16.5	15.7	0.8	E [0.3@70"]
1812.1+6624	80	18 12	3.35 +66 24	21.0	1.3	13.4	5.0	0.2	D? [1.0@80"] *1811.9+6624 (F)
1812.1+6814	82	18 12	3.40 +68 14	57.4	1.9	16.3	112.5	4.7	ID E [1.0@10"]
1812.1+6600	85	18 12	5.44 +66 0	12.8	1.2	1.3	0.8	0.1	
1812.1+6847	87	18 12	6.32 +68 47	41.4	2.5	15.8	2.1	0.4	
1812.1+6527	79	18 12	6.90 +65 27	50.1	2.0	15.7	0.9	0.2	
1812.1+6447	84	18 12	8.11 +64 47	22.1	1.2	12.8	9.4	0.4	
1812.1+6353	83	18 12	8.42 +63 53	40.5	2.1	7.9	1.2	0.2	
1812.1+6529	79	18 12	8.62 +65 29	28.0	2.0	15.7	1.9	0.2	
1812.2+6730	81	18 12	11.69 +67 30	16.9	1.4	10.1	1.2	0.1	
1812.2+6519	79	18 12	12.13 +65 19	3.2	2.1	19.5	1.9	0.3	
1812.2+6508	84	18 12	13.88 +65 8	11.1	1.4	8.5	2.1	0.2	S
1812.3+6745	81	18 12	15.94 +67 45	42.4	1.9	18.9	58.3	2.8	E [0.9@20"]
1812.3+6815	82	18 12	16.36 +68 15	16.2	2.3	16.5	9.0	0.9	
1812.3+6835	82	18 12	17.07 +68 35	28.7	1.9	9.2	2.7	0.3	S
1812.3+6816	82	18 12	17.52 +68 16	41.3	2.5	15.3	3.8	0.6	(X)
1812.4+6712A	86	18 12	23.49 +67 12	2.7	1.2	12.5	3.2	0.2	
1812.4+6517	90	18 12	23.82 +65 17	27.2	1.9	18.0	5.2	0.4	
1812.4+6706	86	18 12	25.95 +67 6	24.7	1.4	6.8	1.1	0.1	
1812.4+6712B	86	18 12	26.90 +67 12	39.6	1.2	12.9	6.5	0.3	
1812.5+6558	85	18 12	27.08 +65 58	55.3	1.3	1.4	0.6	0.1	D? [0.5@290"]
1812.5+6813	89	18 12	27.48 +68 13	38.7	2.2	16.6	13.6	0.9	E [0.5@0"]
1812.5+6743	81	18 12	30.52 +67 43	37.8	1.9	18.1	28.0	1.3	ID
1812.6+6412	83	18 12	33.93 +64 12	37.0	1.4	14.7	3.2	0.4	ID
1812.6+6849	87	18 12	34.40 +68 49	31.1	1.2	12.8	9.4	0.4	
1812.6+6624	80	18 12	36.44 +66 24	58.4	1.9	16.3	4.3	0.3	
1812.6+6508	84	18 12	37.53 +65 8	1.5	1.4	9.4	2.2	0.2	S
1812.6+6533	90	18 12	38.04 +65 33	13.2	1.4	11.8	0.9	0.2	
1812.7+6636	91	18 12	39.09 +66 36	5.0	2.0	15.6	2.6	0.3	E? [0.2@20"]
1812.7+6847	87	18 12	41.71 +68 47	27.0	1.2	14.2	219.7	8.1	D [0.8@50"] *1812.8+6847
1812.7+6408	83	18 12	42.06 +64 8	33.0	2.1	12.1	1.8	0.2	
1812.7+6835	82	18 12	42.37 +68 35	32.4	1.6	11.2	2.8	0.4	S
1812.8+6609	85	18 12	45.34 +66 9	21.9	1.2	9.7	3.4	0.1	ID
1812.8+6538	90	18 12	47.41 +65 38	29.9	1.5	13.4	1.9	0.2	
1812.8+6731	81	18 12	48.32 +67 31	2.3	1.2	13.7	3.4	0.2	
1812.8+6847	87	18 12	48.95 +68 47	58.8	1.2	13.5	198.4	7.1	D [0.8@50"] *1812.7+6847

Name	Field	Position		Δ	ρ	Stotal	Speak	SNR	Notes
1812.8+6353	83	18 12	50.05 +63 53	14.1 1.3	11.5	3.6 0.2	3.1 0.2	18	
1812.8+6553	85	18 12	50.11 +65 53	40.8 1.2	7.1	4.5 0.1	4.4 0.1	90	
1812.9+6845	87	18 12	52.46 +68 45	2.0 2.2	16.0	5.0 0.4	3.2 0.4	9	
1812.9+6533	90	18 12	52.63 +65 33	44.7 1.5	10.4	1.4 0.1	0.7 0.1	6	
1812.9+6633	91	18 12	53.66 +66 33	27.4 1.3	13.4	3.6 0.2	2.4 0.2	15	
1812.9+6721	81	18 12	54.30 +67 21	8.4 2.1	16.8	4.4 0.4	3.0 0.3	9	E? [0.2@190°]
1812.9+6821	82	18 12	54.73 +68 21	49.5 1.2	13.7	20.9 0.9	19.7 0.9	49	E? [0.4@330°]
1812.9+6903	87	18 12	55.53 +69 3	7.2 1.2	6.2	6.6 0.2	5.3 0.2	55	
1812.9+6605	85	18 12	55.76 +66 5	45.8 1.2	6.9	1.9 0.1	1.9 0.1	39	
1812.9+6836	82	18 12	56.20 +68 36	54.1 1.2	13.0	17.2 0.8	20.5 0.8	57	ID
1813.0+6425	88	18 12	58.62 +64 25	45.3 1.2	7.6	9.1 0.3	9.2 0.3	78	
1813.0+6520	90	18 12	58.94 +65 20	11.8 1.3	13.5	3.3 0.2	1.6 0.2	9	
1813.0+6845	87	18 13	0.08 +68 45	8.8 2.5	15.7	4.1 0.4	2.2 0.4	7	
1813.0+6515	90	18 13	0.30 +65 15	42.3 2.0	16.9	3.6 0.3	4.1 0.3	10	
1813.0+6910	87	18 13	0.31 +69 10	59.5 1.5	12.1	2.2 0.2	1.8 0.2	11	E [0.2@0°]
1813.0+6609	85	18 13	1.14 +66 9	28.7 1.2	10.4	1.2 0.1	1.1 0.1	15	
1813.0+6604	85	18 13	2.25 +66 4	39.5 1.5	6.5	0.7 0.1	0.4 0.1	8	
1813.0+6721	81	18 13	2.47 +67 21	44.9 2.0	17.2	4.1 0.4	4.6 0.4	13	ID
1813.1+6348	83	18 13	3.28 +63 48	0.0 2.7	16.2	2.6 0.5	2.7 0.5	7	
1813.1+6856	87	18 13	4.67 +68 56	25.9 2.0	5.7	1.0 0.2	0.6 0.1	7	
1813.1+6519	90	18 13	4.74 +65 19	41.6 1.5	13.5	2.4 0.2	1.2 0.2	7	
1813.1+6520	90	18 13	7.78 +65 20	47.3 1.5	12.4	2.4 0.2	0.9 0.1	6	
1813.1+6750	89	18 13	8.90 +67 50	8.4 2.1	11.3	3.4 0.3	1.5 0.3	6	
1813.2+6610	85	18 13	11.07 +66 10	15.4 1.4	11.5	0.9 0.2	0.8 0.1	9	
1813.2+6605	85	18 13	12.03 +66 5	45.5 1.2	7.9	5.4 0.2	5.1 0.2	97	
1813.2+6613	85	18 13	12.85 +66 13	41.9 1.2	14.8	5.5 0.3	6.1 0.3	42	
1813.2+6526	90	18 13	12.97 +65 26	37.3 1.4	8.4	1.0 0.2	0.6 0.1	8	
1813.3+6834	82	18 13	15.65 +68 34	5.4 1.2	13.5	11.1 0.6	12.5 0.7	32	ID
1813.3+6759	89	18 13	17.25 +67 59	44.7 1.7	4.8	2.4 0.2	1.1 0.2	8	
1813.3+6728	92	18 13	17.67 +67 28	45.4 1.9	13.7	2.5 0.3	1.8 0.3	8	
1813.3+6913	87	18 13	19.25 +69 13	53.3 1.2	14.3	27.1 1.1	23.0 0.9	92	E? [0.4@210°]
1813.3+6749	89	18 13	19.42 +67 49	0.6 1.3	12.0	6.0 0.4	3.4 0.3	13	
1813.4+6648	86	18 13	22.15 +66 48	15.8 1.2	12.2	4.9 0.3	5.2 0.3	29	
1813.4+6832	82	18 13	24.00 +68 32	15.4 1.2	13.8	9.1 0.6	8.1 0.6	20	ID
1813.4+6431	88	18 13	26.64 +64 31	52.5 2.2	3.8	0.8 0.2	0.7 0.1	7	
1813.5+6641	91	18 13	29.99 +66 41	55.9 2.1	15.1	1.8 0.2	2.0 0.2	9	ID
1813.5+6757	89	18 13	30.08 +67 57	53.2 1.5	4.1	2.6 0.2	1.3 0.2	10	

Name	Field	Position			Δ	ρ	σ_{total}	Speak	SNR	Notes
1813.5+6434	88	18 13	30.10	+64 34	14.4	2.4	5.1	0.7 0.2	7	
1813.5+6903	87	18 13	32.36	+69 3	56.1	1.2	4.4	8.1 0.3	93	
1813.6+6719	92	18 13	33.63	+67 19	57.6	1.9	15.7	42.2 1.7	121	ID D [0.8@180°] (F)
1813.6+6410	93	18 13	36.03	+64 10	24.7	2.7	18.8	3.8 0.6	7	
1813.6+6804	89	18 13	36.32	+68 4	25.2	2.1	5.3	0.9 0.2	6	
1813.6+6849	87	18 13	37.25	+68 49	40.3	1.4	10.4	1.7 0.2	12	
1813.6+6513	90	18 13	38.39	+65 13	30.1	2.1	17.3	2.9 0.3	7	
1813.7+6710	86	18 13	39.18	+67 10	18.0	1.3	11.3	2.1 0.2	13	
1813.7+6718	92	18 13	40.33	+67 18	47.0	2.0	16.0	5.5 0.5	15	ID (F)
1813.7+6713	86	18 13	41.58	+67 13	58.1	1.2	14.8	19.7 0.8	69	
1813.7+6417	88	18 13	41.97	+64 17	30.7	1.2	12.6	24.3 0.9	119	
1813.7+6346	93	18 13	42.26	+63 46	0.3	3.1	20.6	5.0 0.9	6	
1813.7+6915	87	18 13	42.94	+69 15	44.8	2.7	15.8	2.0 0.4	6	
1813.7+6339	93	18 13	42.97	+63 39	37.2	2.8	25.3	20.5 3.1	7	
1813.7+6446	88	18 13	44.79	+64 46	1.4	1.9	16.1	155.2 6.4	404	ID E? [0.5@10°]
1813.7+6536	90	18 13	44.82	+65 36	39.8	1.5	7.9	0.6 0.1	7	
1813.8+6456	84	18 13	48.30	+64 56	52.0	1.2	13.0	5.0 0.3	20	
1813.8+6727	92	18 13	48.42	+67 27	0.8	1.2	11.0	4.2 0.2	26	
1813.8+6610	85	18 13	49.64	+66 10	44.1	1.3	14.2	1.7 0.1	13	
1813.8+6705	86	18 13	50.40	+67 5	1.4	1.7	7.6	0.7 0.1	7	ID
1813.9+6816	89	18 13	51.54	+68 16	41.6	1.9	16.8	25.0 1.3	38	ID
1813.9+6445	88	18 13	52.29	+64 45	9.8	2.3	15.2	2.7 0.4	8	S
1813.9+6633	91	18 13	52.67	+66 33	40.9	1.8	7.9	0.5 0.1	7	
1813.9+6440	88	18 13	53.49	+64 40	38.7	1.2	10.6	28.3 1.0	180	D [0.5@50°]
1813.9+6351	93	18 13	55.69	+63 51	8.5	1.9	16.2	11.4 0.6	39	
1814.0+6812	89	18 14	1.36	+68 12	56.4	1.2	13.0	26.5 1.0	85	ID
1814.1+6538	90	18 14	3.14	+65 38	43.6	1.2	9.0	1.3 0.1	15	
1814.1+6643	91	18 14	3.18	+66 43	16.0	1.9	14.6	1.2 0.2	6	
1814.1+6842	87	18 14	3.43	+68 42	57.1	2.0	17.1	6.4 0.6	14	
1814.1+6739	92	18 14	3.46	+67 39	26.6	1.8	13.2	1.8 0.3	8	
1814.1+6544	90	18 14	3.84	+65 44	46.6	1.5	15.0	1.8 0.2	7	
1814.1+6817	89	18 14	4.54	+68 17	47.2	1.9	17.8	21.8 1.3	26	ID
1814.1+6607	85	18 14	5.03	+66 7	48.4	1.4	13.4	1.0 0.1	9	
1814.1+6829	94	18 14	5.07	+68 29	41.8	1.2	12.8	22.2 0.9	62	ID
1814.1+6447	88	18 14	7.06	+64 47	23.6	2.5	17.4	3.8 0.6	7	
1814.1+6505	95	18 14	8.93	+65 5	36.1	2.0	16.4	2.6 0.3	8	
1814.2+6430	88	18 14	9.24	+64 30	31.1	2.1	1.4	0.7 0.1	7	

Name	Field	Position		Δ	ρ	Stotal	Speak	SNR	Notes
1814.2+6339	93	18 14	10.69 +63 39	8.1	2.8	24.0	6.2 2.0	14.2 2.2 7	
1814.2+6703	86	18 14	12.32 +67 3	46.9	1.2	8.8	223.4 7.1	158.7 5.0 363	ID
1814.2+6516	90	18 14	13.06 +65 16	10.6	1.6	13.9	2.7 0.2	1.2 0.2 6	
1814.2+6536	90	18 14	14.05 +65 36	19.0	1.2	6.4	1.3 0.1	0.9 0.1 13	
1814.2+6445	88	18 14	14.41 +64 45	8.9	2.9	15.3	1.3 0.4	2.0 0.4 6	S
1814.3+6729	92	18 14	17.43 +67 29	22.5	1.2	7.8	3.1 0.2	3.2 0.2 28	
1814.3+6908	87	18 14	17.96 +69 8	14.5	1.2	8.5	6.3 0.2	5.9 0.2 52	
1814.3+6346	93	18 14	18.40 +63 46	33.6	2.7	17.4	3.1 0.5	2.8 0.5 7	
1814.3+6358	93	18 14	20.04 +63 58	55.2	2.2	10.9	1.3 0.2	0.9 0.2 7	ID
1814.3+6558	85	18 14	20.53 +65 58	46.2	1.5	12.6	1.2 0.1	0.8 0.1 8	ID
1814.3+6808	89	18 14	20.65 +68 8	40.7	1.8	8.8	2.4 0.3	1.4 0.2 8	(X)
1814.4+6440	88	18 14	23.28 +64 40	1.0	2.4	10.4	1.3 0.2	1.0 0.2 6	S
1814.4+6404	93	18 14	24.05 +64 4	54.1	1.2	11.5	7.7 0.3	7.7 0.3 58	
1814.4+6442	88	18 14	25.05 +64 42	22.2	1.3	12.8	3.2 0.3	3.7 0.3 18	
1814.4+6602	85	18 14	25.38 +66 2	47.8	1.2	13.3	23.1 0.8	21.8 0.8 201	ID
1814.5+6439	88	18 14	27.35 +64 39	39.8	2.4	10.2	2.1 0.2	1.0 0.2 7	S
1814.5+6358	93	18 14	29.91 +63 58	52.8	1.2	9.8	73.4 2.4	66.7 2.2 613	E? [1.0@150°]
1814.5+6659	86	18 14	32.21 +66 59	11.6	1.2	9.9	55.2 1.8	53.5 1.7 407	ID
1814.5+6629	91	18 14	32.90 +66 29	1.3	1.5	3.2	1.1 0.1	0.5 0.1 8	
1814.6+6551	85	18 14	34.08 +65 51	30.4	1.9	16.3	76.3 3.2	79.7 3.3 395	E? [0.6@330°]
1814.6+6557	85	18 14	34.53 +65 57	15.2	1.4	14.2	1.3 0.1	1.3 0.1 10	
1814.6+6722	92	18 14	36.82 +67 22	59.9	1.7	9.2	1.8 0.2	1.1 0.2 8	
1814.6+6558	85	18 14	37.03 +65 58	16.7	1.2	14.3	21.5 0.8	20.5 0.8 156	
1814.6+6604	85	18 14	37.55 +66 4	35.4	1.2	15.0	2.7 0.2	3.0 0.2 20	ID
1814.7+6401	93	18 14	40.60 +64 1	56.6	1.2	8.8	13.0 0.4	11.5 0.4 116	
1814.7+6542	90	18 14	41.82 +65 42	39.1	1.5	12.8	2.7 0.2	1.1 0.2 7	
1814.7+6543	90	18 14	43.22 +65 43	22.1	1.3	13.5	2.0 0.2	2.2 0.2 12	E? [0.2@130°]
1814.7+6550	85	18 14	43.45 +65 50	48.4	2.0	17.5	2.6 0.3	3.0 0.3 11	ID
1814.7+6723	92	18 14	43.51 +67 23	46.0	1.2	8.2	15.0 0.5	13.7 0.5 115	
1814.7+6428	88	18 14	43.78 +64 28	41.9	1.2	5.2	2.5 0.2	2.4 0.2 24	
1814.7+6621	91	18 14	44.21 +66 21	1.0	1.4	9.1	1.3 0.1	0.9 0.1 10	
1814.8+6544	90	18 14	47.16 +65 44	12.2	1.2	14.4	2.8 0.2	3.1 0.2 14	E [0.1@350°]
1814.8+6547	90	18 14	47.38 +65 47	41.5	2.1	17.8	2.8 0.4	3.5 0.4 7	
1814.8+6823	94	18 14	49.18 +68 23	35.4	1.2	10.8	25.1 0.9	13.1 0.6 48	
1814.9+6600	85	18 14	51.52 +66 0	55.3	2.0	15.7	1.8 0.2	1.9 0.2 11	ID
1814.9+6400	93	18 14	52.69 +64 0	8.8	2.1	7.3	1.0 0.1	0.7 0.1 8	
1814.9+6737	92	18 14	52.89 +67 37	22.6	1.8	8.6	1.3 0.2	1.0 0.2 8	

Name	Field	Position		Δ	ρ	Total	Speak	SNR	Notes
1814.9+6801	89	18 14	52.90 +68	1 49.7	1.2	4.6	22.9 0.7	19.6 0.6	141
1814.9+6634	91	18 14	53.56 +66	34 9.7	1.2	4.3	3.4 0.1	3.4 0.1	54 ID
1814.9+6915	87	18 14	54.15 +69	15 28.6	1.9	16.4	62.0 2.6	48.7 2.1	128 ID
1814.9+6549	85	18 14	55.15 +65	49 51.4	2.0	19.0	5.0 0.4	3.5 0.4	9
1814.9+6538	90	18 14	56.22 +65	38 38.5	1.2	9.1	14.7 0.5	14.3 0.5	156
1814.9+6657	86	18 14	56.31 +66	57 32.7	1.7	12.6	13.4 0.5	1.4 0.2	7 (F)
1814.9+6450	95	18 14	56.54 +64	50 58.3	1.2	13.8	6.5 0.3	8.8 0.4	45
1815.0+6656	86	18 14	57.75 +66	56 30.6	1.2	13.0	18.9 0.7	6.2 0.3	30 D [0.8@60"] » 1815.1+6656 (F)
1815.0+6855	87	18 14	58.03 +68	55 47.5	2.2	7.0	0.6 0.2	0.6 0.1	6
1815.0+6835	94	18 14	59.14 +68	35 20.9	1.8	9.4	4.4 0.3	1.7 0.3	8
1815.0+6447	95	18 14	59.48 +64	47 24.6	2.1	16.1	2.0 0.3	2.4 0.3	7
1815.0+6534	90	18 15	0.29 +65	34 51.6	1.4	5.9	0.5 0.1	0.5 0.1	8
1815.0+6738	92	18 15	0.60 +67	38 21.8	1.2	9.1	3.2 0.2	3.3 0.2	25
1815.0+6408	93	18 15	0.65 +64	8 24.6	1.2	10.5	11.1 0.4	11.9 0.4	101
1815.0+6831	94	18 15	0.98 +68	31 16.8	1.2	7.7	13.8 0.5	12.7 0.5	64
1815.0+6715	92	18 15	1.17 +67	15 24.6	2.6	15.1	1.2 0.4	2.0 0.4	7 S
1815.0+6625	91	18 15	1.62 +66	25 31.3	1.7	4.5	0.5 0.1	0.5 0.1	7
1815.0+6436	88	18 15	1.70 +64	36 8.3	2.2	9.2	1.4 0.2	0.9 0.2	7
1815.1+6656	86	18 15	4.59 +66	56 53.6	1.2	13.5	20.2 0.8	6.4 0.3	29 D [0.8@60"] » 1815.0+6656 (F)
1815.1+6530	90	18 15	5.12 +65	30 44.7	1.2	4.0	121.9 3.7	42.8 1.3	738 ID D [2.0@50"] » 1815.3+6532 (F)
1815.1+6509	95	18 15	7.52 +65	9 16.4	1.5	13.1	1.3 0.2	1.1 0.2	7
1815.1+6526	90	18 15	7.75 +65	26 55.1	1.4	5.2	1.3 0.1	0.5 0.1	8
1815.1+6515	90	18 15	8.37 +65	15 51.8	1.6	14.8	3.0 0.2	1.5 0.2	6
1815.1+6634	91	18 15	8.65 +66	34 10.8	1.3	4.2	1.4 0.1	0.7 0.1	11 ID D [0.4@170"]
1815.2+6632	91	18 15	9.14 +66	32 0.7	1.9	2.1	0.9 0.2	0.4 0.1	6 ID
1815.2+6537A	90	18 15	9.73 +65	37 22.9	1.2	8.6	5.3 0.2	2.2 0.1	26 D [0.7@220"] (F)
1815.2+6619	91	18 15	10.24 +66	19 48.4	1.5	10.2	2.2 0.1	0.9 0.1	9
1815.2+6510	95	18 15	10.77 +65	10 1.3	1.2	13.4	2.4 0.2	2.6 0.2	14
1815.2+6359	93	18 15	11.99 +63	59 52.9	1.2	5.1	13.3 0.4	8.3 0.3	107 E [0.4@310"]
1815.2+6536	90	18 15	14.04 +65	36 21.0	1.4	8.0	0.9 0.2	0.6 0.1	8 (F)
1815.2+6537B	90	18 15	14.30 +65	37 58.3	1.2	9.3	4.6 0.2	2.4 0.1	26 (F)
1815.2+6812	89	18 15	14.46 +68	12 50.0	2.2	14.3	2.0 0.5	2.4 0.5	6
1815.2+6343	93	18 15	14.65 +63	43 24.4	2.3	17.3	4.7 0.5	3.4 0.5	9
1815.3+6801	89	18 15	15.14 +68	1 59.4	1.3	6.6	2.1 0.2	1.9 0.2	13
1815.3+6635	91	18 15	16.85 +66	35 45.9	1.7	5.9	0.8 0.1	0.5 0.1	7
1815.3+6532	90	18 15	19.18 +65	32 4.3	1.2	5.8	128.5 3.9	38.5 1.2	593 ID D [2.0@50"] » 1815.1+6530 (F)
1815.3+6707	86	18 15	20.04 +67	7 53.2	2.2	16.6	3.4 0.4	3.2 0.4	8 S

Name	Field	Position		A	ρ	S _{total}	Speak	SNR	Notes	
1815.3+6507	95	18 15	20.09 +65	7 13.5	1.2	10.6	52.4 1.7	46.1 1.5	410	ID D [0.4@220°]
1815.3+6530	90	18 15	20.46 +65	30 47.2	1.4	5.6	0.7 0.1	0.5 0.1	7	ID
1815.3+6629	91	18 15	20.59 +66	29 25.1	1.3	1.8	1.0 0.1	0.8 0.1	14	
1815.4+6912	87	18 15	21.94 +69	12 25.2	2.0	14.7	1.9 0.3	1.8 0.3	7	
1815.4+6407	93	18 15	22.73 +64	7 37.3	1.6	8.6	1.2 0.1	1.1 0.1	11	
1815.4+6806	89	18 15	24.00 +68	6 26.6	1.2	9.6	381.4 12.2	132.0 4.3	662	ID E [0.8@20°]
1815.4+6843	94	18 15	24.06 +68	43 26.9	2.2	14.6	7.0 0.6	3.0 0.6	6	
1815.4+6442	88	18 15	24.59 +64	42 9.1	2.5	15.4	3.6 0.4	2.5 0.4	8	S
1815.4+6817	94	18 15	26.14 +68	17 0.2	1.2	14.1	87.9 3.3	70.2 2.7	157	ID
1815.4+6452	95	18 15	26.90 +64	52 8.2	1.2	10.6	2.6 0.1	2.1 0.1	18	
1815.5+6616	91	18 15	27.78 +66	16 26.3	1.4	13.8	2.3 0.2	1.7 0.2	10	
1815.5+6626	91	18 15	30.11 +66	26 57.3	1.9	4.1	0.6 0.1	0.4 0.1	6	
1815.5+6733	92	18 15	30.62 +67	33 27.1	2.1	3.5	1.3 0.1	0.6 0.1	7	
1815.5+6619	91	18 15	30.66 +66	19 18.8	1.2	11.0	2.6 0.2	2.5 0.2	22	
1815.5+6708	86	18 15	31.43 +67	8 35.5	2.3	17.9	5.3 0.6	3.9 0.6	7	
1815.5+6820	94	18 15	31.80 +68	20 4.5	1.2	11.0	93.4 3.1	47.9 1.6	171	ID E [1.2@190°] (F)
1815.5+6753	89	18 15	32.85 +67	53 46.7	1.2	10.1	4.7 0.3	4.4 0.3	21	ID
1815.6+6714	92	18 15	34.84 +67	14 2.7	2.7	16.0	1.9 0.4	2.3 0.4	6	S
1815.6+6644A	91	18 15	35.83 +66	44 2.4	1.7	14.5	3.2 0.2	1.4 0.2	7	
1815.6+6720	92	18 15	35.94 +67	20 53.1	1.5	9.1	2.6 0.2	1.4 0.2	10	
1815.6+6354	93	18 15	37.41 +63	54 40.7	1.2	5.8	7.3 0.2	7.7 0.3	96	
1815.6+6721	92	18 15	37.42 +67	21 31.7	1.5	8.4	3.6 0.2	1.2 0.2	10	E? [.6@40°]
1815.6+6644B	91	18 15	37.64 +66	44 43.0	2.2	15.1	3.5 0.3	1.7 0.2	8	
1815.6+6734	92	18 15	38.29 +67	34 19.7	1.9	4.3	1.0 0.1	0.7 0.1	7	
1815.6+6458	95	18 15	38.59 +64	58 3.5	1.6	6.2	0.3 0.1	0.4 0.1	6	
1815.7+6906	87	18 15	40.17 +69	6 33.8	2.1	11.4	1.8 0.2	1.0 0.2	6	
1815.7+6708	97	18 15	40.42 +67	8 32.2	2.8	15.9	5.6 0.7	3.3 0.6	6	
1815.7+6412	93	18 15	42.26 +64	12 39.6	1.2	12.8	11.4 0.5	8.7 0.4	55	E? [0.2@280°]
1815.8+6615	91	18 15	48.61 +66	15 5.9	2.1	15.6	2.5 0.3	2.0 0.3	8	
1815.9+6813	89	18 15	52.63 +68	13 2.0	1.9	16.3	27.3 1.3	14.8 0.9	25	E? [0.5@0°]
1815.9+6713	92	18 15	52.81 +67	13 18.5	2.6	16.8	1.3 0.5	2.9 0.5	7	S
1815.9+6619	91	18 15	56.30 +66	19 2.2	1.9	12.2	1.9 0.2	0.8 0.2	6	
1816.0+6849	87	18 15	58.35 +68	49 33.2	2.1	15.3	3.5 0.4	3.2 0.4	11	ID E [0.2@110°]
1816.0+6506	95	18 15	58.78 +65	6 26.7	1.2	7.4	2.0 0.1	1.8 0.1	24	
1816.0+6509	95	18 15	59.35 +65	9 49.1	1.2	10.4	5.2 0.2	5.9 0.2	54	
1816.0+6617	91	18 16	0.17 +66	17 47.6	1.8	13.5	1.0 0.2	1.1 0.2	7	
1816.0+6504	95	18 16	1.42 +65	4 45.3	1.5	5.8	0.6 0.1	0.4 0.1	7	

Name	Field	Position		Δ	ρ	S _{total}	Speak	SNR	Notes
1816.0+6528	90	18 16	1.52 +65 28	42.8	1.2	9.9	14.3	0.5	
1816.1+6721	92	18 16	3.72 +67 21	55.5	1.7	8.4	1.2	0.2	D [0.3@190"]
1816.1+6543	90	18 16	7.33 +65 43	45.8	2.0	17.3	1.8	0.3	
1816.1+6900	87	18 16	8.00 +69 0	51.0	1.3	12.0	3.4	0.2	
1816.1+6618	91	18 16	8.65 +66 18	9.5	1.6	13.6	2.2	0.2	
1816.1+6648	91	18 16	8.80 +66 48	5.4	2.1	19.2	8.4	0.7	
1816.2+6639	91	18 16	9.99 +66 39	7.4	1.8	11.3	1.1	0.1	
1816.2+6556	96	18 16	10.18 +65 56	19.0	1.6	7.4	2.2	0.2	
1816.2+6447	95	18 16	10.72 +64 47	32.1	1.2	12.8	4.9	0.2	
1816.2+6627	91	18 16	11.60 +66 27	3.7	1.2	7.4	3.1	0.1	
1816.2+6836	94	18 16	12.68 +68 36	41.9	1.2	6.8	44.0	1.4	D [0.6@140"] (F)
1816.2+6608	96	18 16	13.21 +66 8	45.3	1.4	10.6	3.9	0.3	D [0.4@320"]
1816.2+6554	96	18 16	13.78 +65 54	57.0	1.5	7.8	1.7	0.2	
1816.2+6424	88	18 16	13.86 +64 24	0.3	2.9	16.0	2.5	0.5	
1816.3+6711	97	18 16	15.25 +67 11	34.2	2.2	15.3	6.7	0.6	
1816.3+6628	91	18 16	15.30 +66 28	5.0	1.4	7.4	1.6	0.1	ID
1816.3+6708	97	18 16	16.35 +67 8	50.5	2.4	13.3	3.9	0.4	
1816.3+6507	95	18 16	17.32 +65 7	20.5	1.2	7.5	7.0	0.2	
1816.3+6526	90	18 16	17.89 +65 26	41.6	1.4	12.0	0.9	0.2	
1816.3+6452	95	18 16	19.08 +64 52	3.1	1.3	8.1	1.1	0.1	
1816.3+6742	92	18 16	19.31 +67 42	13.0	1.2	12.9	7.1	0.4	E? [0.1@350"]
1816.3+6608	96	18 16	20.24 +66 8	11.1	1.4	9.7	4.2	0.3	E? [0.1@60"]
1816.4+6547	96	18 16	21.08 +65 47	51.5	1.2	13.3	14.5	0.6	
1816.4+6814	94	18 16	21.75 +68 14	36.5	2.5	15.4	7.4	0.7	ID
1816.4+6346	93	18 16	22.48 +63 46	18.0	2.5	14.0	0.9	0.3	
1816.4+6549	96	18 16	23.41 +65 49	8.0	1.2	12.0	12.8	0.5	ID
1816.4+6655	97	18 16	23.45 +66 55	40.6	1.2	10.2	11.0	0.5	ID
1816.4+6629	91	18 16	24.84 +66 29	4.6	1.8	8.2	1.0	0.2	
1816.4+6712	97	18 16	26.08 +67 12	11.2	1.9	15.2	456.0	17.8	E? [0.3@350"]
1816.5+6447	95	18 16	28.22 +64 47	24.4	1.5	12.7	1.2	0.2	
1816.5+6412	93	18 16	29.66 +64 12	13.4	1.5	12.7	2.6	0.2	
1816.5+6510	95	18 16	30.22 +65 10	49.3	1.2	10.8	6.3	0.2	
1816.5+6446	95	18 16	31.55 +64 46	10.8	1.4	13.9	1.8	0.2	
1816.5+6917	87	18 16	31.86 +69 17	7.0	2.5	22.1	20.2	1.9	
1816.6+6405	93	18 16	34.46 +64 5	47.5	2.2	6.9	0.9	0.2	
1816.6+6339	93	18 16	35.79 +63 39	13.2	2.1	21.2	8.2	1.1	
1816.6+6806	99	18 16	35.83 +68 6	26.9	1.2	14.2	8.2	0.5	

Name	Field	Position		Δ	ρ	Total	Speak	SNR	Notes
1816.6+6419	98	18 16	37.61 +64 19	2.9	16.4	2.3 0.5	2.6 0.5	7	
1816.7+6715	92	18 16	42.52 +67 15	2.0	15.8	5.1 0.5	5.0 0.5	14	S
1816.7+6406	93	18 16	44.37 +64 6	1.2	7.8	14.0 0.5	14.4 0.5	159	
1816.8+6716	92	18 16	47.46 +67 16	2.1	15.1	4.7 0.4	3.5 0.4	12	S
1816.8+6639	91	18 16	48.43 +66 39	1.9	14.0	2.0 0.2	1.1 0.2	6	
1816.8+6916	87	18 16	49.08 +69 16	2.5	22.7	19.3 2.0	12.9 1.8	7	
1816.8+6832	94	18 16	50.40 +68 32	2.1	3.3	2.7 0.2	1.0 0.2	7	
1816.8+6732	92	18 16	50.44 +67 32	1.2	7.3	11.7 0.4	11.8 0.4	106	
1816.9+6411	93	18 16	51.83 +64 11	2.4	12.7	1.6 0.2	1.1 0.2	7	
1816.9+6541	90	18 16	52.46 +65 41	1.9	18.8	6.7 0.5	8.1 0.6	13	ID
1816.9+6639	91	18 16	53.23 +66 39	1.8	14.7	2.9 0.2	1.4 0.2	6	
1816.9+6737	92	18 16	53.43 +67 37	1.8	10.7	1.7 0.2	1.3 0.2	8	
1816.9+6907	87	18 16	54.40 +69 7	2.6	17.7	7.3 0.6	3.2 0.6	6	
1816.9+6749	99	18 16	55.23 +67 49	2.4	15.4	2.9 0.4	2.6 0.4	7	
1816.9+6413	93	18 16	56.95 +64 13	2.1	15.0	2.7 0.3	1.8 0.3	8	
1817.0+6606	96	18 16	58.02 +66 6	1.2	6.4	162.2 5.0	80.3 2.5	520	D [0.3@30"]
1817.0+6605	96	18 16	59.19 +66 5	1.6	5.5	2.0 0.2	0.9 0.2	6	ID
1817.0+6403	93	18 17	1.42 +64 3	1.9	7.5	1.0 0.1	0.7 0.1	8	
1817.0+6515	95	18 17	2.35 +65 15	2.1	15.5	1.8 0.2	1.8 0.2	6	
1817.0+6514	95	18 17	2.48 +65 14	1.4	14.8	2.8 0.2	1.8 0.2	8	E? [0.1@240"]
1817.1+6719	92	18 17	3.92 +67 19	1.4	13.3	3.9 0.3	2.5 0.3	11	S
1817.1+6807	99	18 17	7.15 +68 7	2.2	12.1	1.4 0.2	1.2 0.2	6	
1817.1+6557	96	18 17	8.35 +65 57	1.2	2.7	10.4 0.4	2.1 0.2	17	E [0.5@170"] (F)
1817.2+6913	101	18 17	10.92 +69 13	1.9	18.5	70.0 3.5	32.3 1.9	26	SE [0.3@160"]
1817.2+6437	98	18 17	11.11 +64 37	1.2	11.9	16.9 0.6	12.6 0.5	70	E [0.7@350"]
1817.2+6551	96	18 17	11.39 +65 51	1.4	8.2	2.6 0.2	1.4 0.2	8	
1817.2+6407	93	18 17	11.72 +64 7	2.2	10.7	1.5 0.2	0.9 0.2	7	
1817.2+6747	99	18 17	12.16 +67 47	2.3	15.7	7.1 0.5	3.0 0.4	8	
1817.2+6433	98	18 17	12.76 +64 33	2.4	9.8	1.0 0.2	1.0 0.2	7	ID
1817.2+6639	91	18 17	12.96 +66 39	2.0	15.9	4.9 0.3	2.9 0.3	11	
1817.2+6643	91	18 17	13.93 +66 43	2.4	18.8	3.3 0.5	3.5 0.5	6	
1817.3+6843	94	18 17	15.28 +68 43	2.1	14.1	4.8 0.6	2.9 0.5	6	
1817.3+6912	101	18 17	15.53 +69 12	1.9	17.6	29.4 1.7	28.5 1.6	29	S
1817.3+6602	96	18 17	16.23 +66 2	1.5	2.1	1.6 0.2	0.8 0.2	7	
1817.3+6549	96	18 17	16.29 +65 49	1.3	10.9	4.2 0.3	3.1 0.3	12	
1817.3+6417	98	18 17	17.66 +64 17	2.2	15.3	3.3 0.4	3.3 0.4	11	
1817.3+6407	93	18 17	18.22 +64 7	1.7	11.3	1.7 0.2	1.2 0.2	10	

Name	Field	Position	A	ρ	Stotal	Speak	SNR	Notes
1817.3+6537A	100	18 17 18.62 +65 37 10.8	1.2	14.2	19.6	0.8	36	D [0.4@190"] (F)
1817.3+6537B	100	18 17 18.89 +65 37 42.7	1.2	14.4	22.2	0.9	39	
1817.3+6720	92	18 17 19.21 +67 20 24.4	1.4	13.6	2.9	0.3	13	
1817.3+6741	92	18 17 19.57 +67 41 5.0	1.6	14.7	1.7	0.3	9	
1817.4+6722	92	18 17 21.52 +67 22 4.6	1.4	12.7	4.0	0.3	11	S
1817.5+6426	98	18 17 27.03 +64 26 34.8	1.2	8.2	2.6	0.2	23	
1817.5+6612	96	18 17 27.84 +66 12 34.3	1.2	12.7	22.4	0.9	63	ID
1817.5+6737	92	18 17 28.19 +67 37 20.5	1.6	12.8	1.8	0.3	9	
1817.6+6548	96	18 17 33.76 +65 48 51.5	1.4	11.3	2.9	0.3	8	
1817.6+6520	100	18 17 37.33 +65 20 35.0	1.3	14.0	7.7	0.4	11	
1817.6+6408	93	18 17 37.85 +64 8 16.7	2.7	13.7	1.5	0.2	6	
1817.6+6737	92	18 17 38.40 +67 37 12.9	1.3	13.6	3.9	0.3	16	
1817.6+6657	97	18 17 38.53 +66 57 36.4	1.9	3.0	2.1	0.2	8	
1817.7+6655	97	18 17 39.88 +66 55 16.6	2.2	5.0	2.2	0.2	7	
1817.7+6351	93	18 17 39.90 +63 51 58.0	1.5	13.8	2.6	0.2	13	E [0.1@10"] (F)
1817.7+6725	92	18 17 43.61 +67 25 59.1	1.4	12.7	2.6	0.3	12	S
1817.7+6824	94	18 17 44.17 +68 24 25.2	1.2	9.2	12.1	0.5	42	
1817.8+6804	99	18 17 45.03 +68 4 3.3	1.8	7.3	2.4	0.2	8	
1817.8+6352	93	18 17 47.09 +63 52 42.0	1.8	14.0	3.3	0.3	9	(F)
1817.8+6351	93	18 17 49.10 +63 51 24.0	1.6	14.9	4.1	0.3	10	(F)
1817.8+6500	95	18 17 50.48 +65 0 1.5	1.4	8.1	1.4	0.1	8	
1817.8+6603	96	18 17 50.78 +66 3 15.6	1.6	5.0	1.6	0.2	6	
1817.9+6617	102	18 17 52.10 +66 17 40.7	2.3	18.1	6.4	0.6	7	
1817.9+6602	96	18 17 52.48 +66 2 23.4	1.2	4.7	6.1	0.3	37	
1817.9+6351	93	18 17 55.38 +63 51 8.8	2.1	15.6	5.0	0.4	11	(F)
1817.9+6710	97	18 17 55.46 +67 10 23.4	2.3	10.3	1.2	0.3	6	
1818.0+6409	93	18 17 57.81 +64 9 16.0	2.7	16.0	2.6	0.3	7	
1818.0+6724	92	18 17 59.68 +67 24 28.5	2.2	14.6	3.0	0.3	7	
1818.0+6508	95	18 18 0.20 +65 8 48.1	1.3	12.7	2.1	0.2	10	
1818.0+6728	92	18 18 0.44 +67 28 19.0	2.1	13.7	3.2	0.3	7	S
1818.0+6541	100	18 18 1.54 +65 41 32.1	1.4	13.9	3.6	0.3	8	S
1818.0+6715	97	18 18 2.44 +67 15 4.1	2.9	15.1	3.5	0.6	6	
1818.1+6351	93	18 18 3.74 +63 51 57.8	3.0	15.9	2.2	0.3	6	(F)
1818.1+6506	95	18 18 6.00 +65 6 19.4	1.6	11.5	1.6	0.1	6	
1818.1+6629	102	18 18 6.14 +66 29 15.0	1.8	11.9	1.2	0.2	6	
1818.1+6642	102	18 18 6.58 +66 42 5.0	2.3	16.8	2.5	0.4	7	
1818.1+6349	93	18 18 7.80 +63 49 51.6	1.9	17.5	20.9	1.0	42	E? [0.8@330"] (F)

Name	Field	Position		Δ	ρ	Stotal	Speak	SNR	Notes
1818.1+6423	98	18 18	8.66 +64 23	1.2	1.2	16.4 0.5	17.1 0.6	147	
1818.2+6645	97	18 18	9.56 +66 45	1.7	14.2	6.5 0.5	3.5 0.5	9	E? [0.1@160°]
1818.2+6710	97	18 18	10.42 +67 10	36.3	1.7	2.5 0.3	2.0 0.3	9	
1818.2+6830	94	18 18	11.95 +68 30	57.3	1.9	3.5 0.3	1.8 0.3	7	
1818.2+6646	97	18 18	13.44 +66 46	21.2	1.8	5.0 0.5	3.0 0.5	8	E? [0.2@10°]
1818.2+6857	101	18 18	13.86 +68 57	33.8	1.5	3.4 0.3	2.0 0.3	10	
1818.2+6721	92	18 18	14.72 +67 21	23.1	2.7	2.6 0.6	3.2 0.6	6	
1818.3+6439	98	18 18	15.49 +64 39	33.3	1.2	21.8 0.7	23.1 0.8	163	ID
1818.3+6416	98	18 18	17.65 +64 16	19.3	2.0	1.4 0.3	2.0 0.3	8	
1818.4+6732	92	18 18	22.81 +67 32	30.0	2.0	4.2 0.4	5.1 0.5	14	S
1818.4+6809	99	18 18	23.46 +68 9	27.1	1.5	3.1 0.2	1.4 0.2	10	
1818.4+6547	96	18 18	24.39 +65 47	6.8	1.4	9.1 0.6	3.9 0.5	8	
1818.4+6356	93	18 18	24.77 +63 56	22.5	2.7	2.3 0.4	2.2 0.4	7	
1818.4+6819	94	18 18	25.96 +68 19	38.1	2.1	11.2 0.8	6.0 0.7	11	E? [0.3@210°]
1818.5+6542	100	18 18	30.17 +65 42	26.9	1.4	3.3 0.3	2.5 0.3	7	
1818.6+6708	97	18 18	34.04 +67 8	55.9	2.4	1.5 0.3	1.2 0.3	6	S
1818.6+6446	95	18 18	36.20 +64 46	43.2	1.9	14.4 0.8	26.9 1.3	45	E? [0.3@140°]
1818.6+6418	98	18 18	36.64 +64 18	47.2	1.3	2.7 0.2	3.8 0.3	23	
1818.6+6454	95	18 18	37.30 +64 54	54.8	1.4	1.4 0.2	1.6 0.2	8	
1818.6+6810	99	18 18	37.42 +68 10	52.0	1.3	2.8 0.2	2.4 0.2	14	
1818.6+6820	94	18 18	37.63 +68 20	22.6	2.0	19.9 1.1	8.4 0.8	14	ID
1818.6+6435	98	18 18	38.56 +64 35	52.7	1.2	11.4 0.4	11.7 0.4	111	
1818.7+6555	96	18 18	39.15 +65 55	17.9	1.5	1.5 0.3	1.7 0.3	7	ID
1818.7+6508	95	18 18	39.46 +65 8	43.9	1.9	3.7 0.3	3.5 0.3	11	
1818.7+6803	99	18 18	40.75 +68 3	24.2	1.2	6.7 0.2	5.5 0.2	57	
1818.7+6748	99	18 18	41.68 +67 48	34.1	1.2	6.2 0.3	7.3 0.3	41	
1818.7+6529	100	18 18	42.23 +65 29	53.5	1.5	1.3 0.2	0.7 0.1	7	
1818.7+6427	98	18 18	43.54 +64 27	50.0	2.7	0.9 0.2	0.6 0.1	6	
1818.9+6645	102	18 18	51.62 +66 45	6.5	2.3	4.5 0.4	2.5 0.4	6	
1818.9+6354	93	18 18	53.08 +63 54	6.2	2.9	6.2 0.8	4.6 0.8	7	
1818.9+6615	102	18 18	54.04 +66 15	20.6	2.1	3.8 0.4	2.7 0.4	8	
1818.9+6709	97	18 18	55.11 +67 9	34.3	2.0	2.2 0.3	1.7 0.3	7	S
1818.9+6457	95	18 18	55.19 +64 57	50.4	2.1	1.4 0.2	1.9 0.2	7	
1818.9+6419	98	18 18	56.79 +64 19	33.0	2.0	1.8 0.2	1.3 0.2	8	
1819.0+6559	96	18 18	57.99 +65 59	20.1	1.4	3.3 0.3	2.0 0.3	8	
1819.0+6650	97	18 19	0.96 +66 50	25.5	1.2	8.3 0.4	6.0 0.4	24	
1819.1+6555A	96	18 19	3.46 +65 55	7.1	1.2	73.5 2.5	57.5 2.0	178	ID

Name	Field	Position	A	ρ	S _{total}	Speak	SNR	Notes
1819.1+6555B	96	18 19 4.80 +65 55 54.6	1.2	12.2	18.4 0.7	14.4 0.6	45 ID	E? [0.5@340°]
1819.1+6437	98	18 19 8.94 +64 37 21.9	2.5	8.1	0.8 0.2	0.8 0.2	7	
1819.2+6650	97	18 19 9.43 +66 50 31.2	1.9	11.8	4.1 0.4	2.1 0.3	8	
1819.2+6349	93	18 19 10.54 +63 49 32.3	2.8	23.5	16.2 2.0	12.4 1.9	7	
1819.2+6815	99	18 19 12.75 +68 15 9.5	2.2	15.3	4.4 0.4	3.0 0.4	9	
1819.3+6756	99	18 19 15.22 +67 56 25.1	1.7	4.3	1.5 0.2	0.8 0.1	8	
1819.3+6513	100	18 19 17.96 +65 13 37.6	2.1	16.4	8.9 0.6	4.0 0.5	6	
1819.3+6842	105	18 19 18.66 +68 42 19.9	1.9	18.7	34.4 1.8	37.0 1.9	45	E? [0.5@20°]
1819.4+6601	96	18 19 22.22 +66 1 31.4	1.6	13.3	4.2 0.4	2.4 0.4	6	
1819.4+6541	100	18 19 23.92 +65 41 38.8	1.5	11.6	2.1 0.2	1.5 0.2	6	
1819.4+6627	102	18 19 24.96 +66 27 13.7	1.3	4.8	1.2 0.1	1.1 0.1	15	
1819.4+6557	96	18 19 26.57 +65 57 36.5	1.4	13.9	2.6 0.4	3.4 0.4	8	
1819.5+6539	100	18 19 27.93 +65 39 48.4	1.6	9.8	2.4 0.2	1.1 0.2	6	
1819.5+6631	102	18 19 28.07 +66 31 33.1	1.7	3.9	0.8 0.2	0.5 0.1	7	
1819.5+6556	96	18 19 28.22 +65 56 13.8	1.5	14.3	3.0 0.5	3.2 0.5	7 ID	
1819.5+6906	101	18 19 31.25 +69 6 13.1	1.4	6.2	4.0 0.3	2.1 0.3	11	
1819.5+6618	102	18 19 32.00 +66 18 28.5	1.9	12.0	1.9 0.2	0.9 0.2	6 ID	E? [0.5@320°]
1819.6+6551	96	18 19 33.92 +65 51 57.6	1.9	16.5	267.1 11.2	256.8 10.7	334 ID	
1819.6+6811	99	18 19 33.96 +68 11 22.9	1.5	12.1	1.6 0.2	2.0 0.3	10	
1819.6+6821	105	18 19 36.17 +68 21 10.5	2.4	15.3	4.8 0.5	2.9 0.5	8	S
1819.6+6857	101	18 19 37.63 +68 57 25.1	1.2	2.7	728.6 21.9	151.5 4.6	923 ID	D [0.9@180°] *1819.6+6856 (F)
1819.6+6856	101	18 19 38.39 +68 56 30.8	1.2	3.6	739.4 22.3	128.4 3.9	764 ID	D [0.9@180°] *1819.6+6857 (F)
1819.6+6704	97	18 19 38.41 +67 4 18.6	1.2	10.7	18.8 0.7	18.3 0.7	79	
1819.7+6525	100	18 19 40.78 +65 25 33.8	1.2	5.1	5.9 0.2	4.0 0.2	36	
1819.7+6546	100	18 19 41.69 +65 46 47.2	2.0	17.0	8.1 0.7	6.1 0.6	8	S
1819.7+6856	101	18 19 42.35 +68 56 52.6	1.2	3.3	735.3 22.1	110.5 3.4	663 ID	(F)
1819.7+6710	97	18 19 42.48 +67 10 21.6	1.8	14.6	5.6 0.5	3.5 0.5	8 ID	D? [0.6@180°]
1819.7+6551	96	18 19 42.92 +65 51 35.9	2.0	17.4	7.9 0.8	8.3 0.8	9 ID	(X)
1819.7+6708	97	18 19 43.94 +67 8 47.5	1.2	13.6	311.9 11.3	296.5 10.8	847 ID	
1819.7+6434	98	18 19 44.06 +64 34 55.7	1.4	8.8	2.0 0.2	1.8 0.2	14	
1819.8+6430	98	18 19 45.16 +64 30 54.8	1.7	7.5	1.2 0.2	1.1 0.2	10 ID	
1819.9+6704	97	18 19 52.06 +67 4 37.6	1.7	12.1	3.8 0.4	2.5 0.4	9	
1819.9+6543	100	18 19 52.60 +65 43 3.9	1.2	13.6	25.1 1.0	17.4 0.7	50	D [0.5@170°] *1819.9+6542
1819.9+6605	106	18 19 52.70 +66 5 18.7	1.3	14.8	7.5 0.5	5.2 0.4	11	
1819.9+6542	100	18 19 53.31 +65 42 34.6	1.2	13.2	23.7 0.9	14.0 0.6	43	D [0.5@170°] *1819.9+6543
1819.9+6433	98	18 19 53.65 +64 33 33.4	2.8	9.1	0.9 0.2	0.8 0.2	6	
1819.9+6448	104	18 19 53.90 +64 48 24.8	1.4	14.7	1.9 0.4	3.2 0.4	8	

Name	Field	Position		Δ	ρ	Stotal	Speak	SNR	Notes
1819.9+6749	99	18 19	55.45 +67 49	10.3	1.2	12.5	15.9 0.6	74	
1819.9+6657	97	18 19	55.54 +66 57	8.6	1.6	11.9	2.7 0.4	9	
1819.9+6527	100	18 19	56.72 +65 27	15.1	1.5	5.0	3.2 0.2	7	
1820.0+6636	102	18 19	57.17 +66 36	14.8	1.2	6.3	5.0 0.2	51	
1820.0+6628	102	18 19	57.39 +66 28	43.7	1.2	1.4	3.2 0.1	30	
1820.0+6535	100	18 19	59.60 +65 35	48.2	1.5	7.3	2.4 0.2	7	S
1820.0+6847	101	18 20	0.57 +68 47	32.6	1.2	12.8	22.8 0.9	43	
1820.0+6633	102	18 20	0.67 +66 33	46.6	1.8	3.8	0.7 0.1	6	
1820.0+6534	100	18 20	0.91 +65 34	14.1	1.2	6.3	4.9 0.2	12	S
1820.0+6826	105	18 20	1.03 +68 26	31.4	2.3	10.7	2.4 0.3	6	
1820.1+6628	102	18 20	3.81 +66 28	15.2	1.2	1.7	2.4 0.1	20	
1820.1+6531	100	18 20	5.26 +65 31	54.4	1.3	5.4	1.0 0.2	9	S
1820.2+6551	106	18 20	9.68 +65 51	6.1	2.0	15.1	5.3 0.5	8	
1820.2+6708	97	18 20	12.44 +67 8	11.6	2.7	15.5	4.7 0.6	6	
1820.2+6823	105	18 20	12.98 +68 23	40.8	1.2	11.0	82.9 2.8	361 ID	
1820.3+6526	100	18 20	15.15 +65 26	25.2	1.5	7.1	2.2 0.2	7	S
1820.3+6558	106	18 20	15.91 +65 58	27.1	1.3	11.5	3.4 0.3	9	
1820.3+6525	100	18 20	16.12 +65 25	46.5	1.5	7.5	3.5 0.2	6	S
1820.3+6450	104	18 20	17.15 +64 50	17.0	1.2	11.6	27.8 1.0	134	
1820.3+6557	106	18 20	17.53 +65 57	15.0	1.2	11.6	4.8 0.3	14	
1820.3+6825	105	18 20	17.68 +68 25	10.7	2.3	9.9	2.2 0.2	6	
1820.3+6553	106	18 20	18.38 +65 53	0.4	1.6	13.2	4.4 0.3	6	
1820.4+6656	107	18 20	22.16 +66 56	39.5	3.2	16.3	2.0 0.5	6 ID	S
1820.4+6629	102	18 20	25.67 +66 29	54.9	1.2	2.2	1.7 0.1	28	
1820.4+6914	101	18 20	26.08 +69 14	32.7	2.2	15.4	8.6 0.8	8	
1820.4+6549	106	18 20	26.16 +65 49	7.5	2.0	15.1	5.7 0.5	10	
1820.5+6659	107	18 20	27.64 +66 59	0.7	2.3	15.5	4.3 0.4	10 ID	D? [0.4@20"]
1820.5+6517	100	18 20	27.88 +65 17	7.2	1.2	14.9	9.2 0.5	13	
1820.5+6804	99	18 20	28.12 +68 4	38.6	1.7	10.3	1.4 0.2	8	
1820.5+6624	102	18 20	28.65 +66 24	39.2	1.9	5.9	0.7 0.2	6	
1820.5+6606	106	18 20	29.91 +66 6	28.5	1.5	11.9	1.8 0.3	7	
1820.5+6701	107	18 20	31.78 +67 1	3.4	2.9	15.1	1.3 0.4	7 ID	E? [0.2@240"]
1820.6+6645	102	18 20	34.18 +66 45	7.6	2.1	15.5	4.0 0.3	8	
1820.6+6918	101	18 20	35.20 +69 18	49.2	2.0	19.7	22.5 2.0	12	
1820.6+6415	98	18 20	35.44 +64 15	51.8	3.2	19.2	4.1 0.8	6	
1820.6+6842	105	18 20	37.19 +68 42	0.8	1.8	13.9	4.4 0.4	8	S
1820.6+6738	103	18 20	37.77 +67 38	39.1	1.3	8.7	2.9 0.2	17	

Name	Field	Position		A	P	Stotal	Speak	SNR	Notes	
1820.6+6658	107	18 20	37.93 +66 58	41.7	1.2	14.5	334.2 12.6	283.7 10.7	71	ID E [0.2 with halo]
1820.6+6433	98	18 20	38.21 +64 33	6.8	1.8	13.6	2.9 0.3	2.1 0.3	9	
1820.7+6649	107	18 20	39.15 +66 49	31.2	2.6	17.8	4.2 0.6	4.1 0.6	8	S
1820.7+6613	102	18 20	39.30 +66 13	36.6	2.4	16.8	4.2 0.4	2.4 0.4	6	
1820.7+6557	106	18 20	39.59 +65 57	33.4	1.4	9.3	2.5 0.2	1.3 0.2	7	
1820.7+6544	100	18 20	42.43 +65 44	49.3	2.2	17.3	7.2 0.7	5.0 0.6	6	
1820.7+6643	102	18 20	42.69 +66 43	42.2	1.6	14.3	3.3 0.3	1.7 0.2	7	
1820.7+6624	102	18 20	42.86 +66 24	3.9	1.2	7.1	2.1 0.1	2.1 0.1	24	
1820.9+6536	100	18 20	51.87 +65 36	59.3	1.5	12.2	2.1 0.3	1.7 0.3	6	
1820.9+6819	105	18 20	53.29 +68 19	48.8	2.0	11.5	2.8 0.3	1.5 0.3	7	S
1821.0+6423	98	18 20	57.56 +64 23	39.9	3.1	16.6	3.2 0.5	2.5 0.5	6	
1821.0+6557	106	18 20	57.95 +65 57	19.1	1.2	7.6	6.9 0.3	3.5 0.2	24	D? [0.7@10'] » 1821.0+6558 (F)
1821.0+6558	106	18 20	58.86 +65 58	1.9	1.4	7.3	6.8 0.3	1.1 0.2	8	D? [0.7@10'] » 1821.0+6557 (F)
1821.0+6819	105	18 21	1.96 +68 19	16.3	1.5	11.6	3.7 0.3	2.0 0.3	10	
1821.1+6648	107	18 21	7.69 +66 48	10.8	2.8	16.5	2.8 0.5	2.9 0.5	7	
1821.2+6432	98	18 21	9.44 +64 32	12.9	1.9	16.7	14.0 0.8	12.6 0.7	30	
1821.2+6610	106	18 21	9.93 +66 10	5.1	1.3	11.6	3.8 0.3	2.9 0.3	11	
1821.2+6531	100	18 21	12.07 +65 31	0.8	1.5	12.2	3.8 0.3	1.8 0.3	7	
1821.2+6605	106	18 21	14.48 +66 5	54.7	1.5	8.0	1.7 0.2	1.1 0.2	7	
1821.3+6805	99	18 21	16.56 +68 5	57.8	2.2	15.0	3.0 0.4	2.1 0.4	6	
1821.3+6443	104	18 21	17.58 +64 43	38.4	1.9	16.4	94.6 3.9	73.3 3.1	123	ID E? [0.4@90']
1821.3+6603	106	18 21	18.60 +66 3	20.6	1.2	6.0	6.4 0.3	4.2 0.2	34	D [0.3@70']
1821.3+6504	104	18 21	18.64 +65 4	49.7	1.3	4.8	1.2 0.1	1.2 0.1	11	
1821.3+6631	102	18 21	19.20 +66 31	59.1	1.2	7.7	2.2 0.1	1.9 0.1	21	
1821.3+6515	104	18 21	20.46 +65 15	39.6	1.9	15.7	24.6 1.1	32.7 1.4	65	
1821.4+6744	103	18 21	25.70 +67 44	27.4	1.2	14.8	10.6 0.6	8.2 0.6	22	
1821.5+6901	101	18 21	30.91 +69 1	54.6	1.5	11.1	3.6 0.4	2.9 0.4	10	
1821.5+6836	105	18 21	32.55 +68 36	33.5	1.2	6.8	21.4 0.7	16.9 0.6	132	ID
1821.6+6652	107	18 21	36.54 +66 52	0.2	2.9	11.9	0.8 0.3	1.1 0.2	6	
1821.6+6534	108	18 21	37.38 +65 34	14.2	2.0	15.9	5.5 0.4	4.0 0.4	10	
1821.6+6750	99	18 21	37.91 +67 50	15.0	2.2	18.6	6.7 0.8	6.4 0.8	9	
1821.6+6859	101	18 21	38.23 +68 59	26.6	1.5	11.6	3.6 0.4	3.0 0.4	9	
1821.7+6707	107	18 21	39.27 +67 7	0.2	3.0	10.9	0.9 0.2	0.9 0.2	6	
1821.8+6718	103	18 21	47.29 +67 18	12.8	1.3	13.0	5.2 0.4	5.7 0.4	21	
1821.8+6818	105	18 21	49.02 +68 18	48.7	1.3	11.1	184.0 6.1	2.8 0.3	14	ID D? [1.0@280'] » 1822.0+6818
1821.8+6558	106	18 21	49.77 +65 58	30.5	1.5	2.4	1.5 0.2	0.7 0.2	7	
1821.9+6800	109	18 21	56.29 +68 0	1.1	1.2	12.6	6.2 0.4	6.7 0.4	22	

Name	Field	Position		Δ	ρ	Stotal	Speak	SNR	Notes	
1822.0+6643	102	18 21	58.96	+66 43	54.6	2.2	18.0	5.6	0.5	
1822.0+6818	105	18 21	59.30	+68 18	43.4	1.2	11.2	185.9	6.2	D? [1.0@280"] » 1821.8+6818
1822.0+6635	102	18 21	59.38	+66 35	52.4	1.2	13.0	5.0	0.3	ID
1822.0+6723	103	18 21	59.56	+67 23	14.2	1.2	9.3	34.1	1.1	E [1.0@40"]
1822.0+6730	103	18 22	1.75	+67 30	33.2	1.2	6.7	6.4	0.3	D [0.7@180"]
1822.0+6613	106	18 22	1.94	+66 13	37.5	1.4	13.7	1.6	0.3	
1822.1+6637	102	18 22	3.50	+66 37	14.8	1.2	14.0	10.7	0.5	E [0.4@30"] (F)
1822.1+6902	101	18 22	5.45	+69 2	0.5	1.2	14.2	28.6	1.2	
1822.1+6607	106	18 22	5.61	+66 7	3.7	1.4	7.0	1.6	0.2	
1822.2+6724	103	18 22	10.96	+67 24	32.7	2.3	9.3	0.9	0.3	
1822.2+6918	101	18 22	12.06	+69 18	16.3	2.2	23.3	23.0	4.0	
1822.2+6618	102	18 22	13.66	+66 18	38.0	2.2	17.3	6.3	0.5	
1822.2+6601	106	18 22	14.56	+66 1	40.8	1.4	1.8	1.7	0.2	
1822.3+6832	105	18 22	17.13	+68 32	4.3	1.4	3.1	2.3	0.2	S D? [0.5@300"]
1822.3+6652	107	18 22	17.57	+66 52	52.1	1.2	8.5	3.2	0.2	
1822.3+6635	102	18 22	20.36	+66 35	11.8	1.4	14.6	2.4	0.3	
1822.4+6656	107	18 22	24.11	+66 56	45.7	1.5	5.1	2.0	0.2	E [0.3@340"]
1822.4+6818	105	18 22	24.89	+68 18	20.0	1.8	12.1	3.8	0.3	S
1822.4+6440	104	18 22	25.28	+64 40	4.5	2.0	21.2	18.6	1.7	
1822.5+6548	106	18 22	28.58	+65 48	22.0	1.2	11.9	72.1	2.5	
1822.5+6730	103	18 22	31.27	+67 30	47.6	1.3	9.5	3.4	0.3	
1822.5+6858	101	18 22	31.78	+68 58	48.6	2.0	16.5	13.6	1.0	
1822.5+6459	104	18 22	31.80	+64 59	48.1	1.2	7.8	18.2	0.6	E? [0.3@110"]
1822.5+6847	105	18 22	32.44	+68 47	53.5	2.3	18.3	7.9	0.9	
1822.6+6908	101	18 22	33.42	+69 8	0.1	2.2	18.4	20.3	1.5	
1822.6+6543	108	18 22	33.71	+65 43	5.9	2.2	16.2	3.2	0.4	
1822.6+6907	101	18 22	34.92	+69 7	26.7	2.2	18.3	21.1	1.5	
1822.6+6559	106	18 22	35.63	+65 59	10.2	1.3	2.9	3.9	0.2	
1822.6+6857	101	18 22	38.11	+68 57	14.4	2.2	17.3	12.7	1.1	
1822.7+6840	105	18 22	40.06	+68 40	24.2	1.2	11.2	33.5	1.1	D [0.7@250"] » 1822.8+6840
1822.7+6835	105	18 22	42.28	+68 35	46.9	1.2	7.4	4.3	0.2	
1822.8+6537	108	18 22	47.26	+65 37	45.3	1.2	11.1	4.2	0.2	
1822.8+6840	105	18 22	47.85	+68 40	39.1	1.2	11.9	35.8	1.2	D [0.7@250"] » 1822.7+6840
1822.8+6638	110	18 22	49.78	+66 38	34.0	2.1	16.0	3.5	0.3	
1822.8+6634	110	18 22	50.24	+66 34	31.0	1.7	14.2	2.1	0.2	S
1822.9+6818	105	18 22	54.25	+68 18	9.9	1.6	13.2	2.5	0.3	
1822.9+6524	108	18 22	54.58	+65 24	27.6	1.3	9.2	1.6	0.2	

Name	Field	Position		A	ρ	Stotal	Speak	SNR	Notes
1822.9+6614	106	18	22 55.52 +66 14 55.7	2.1	15.7	7.5	0.5	6	
1822.9+6706	107	18	22 56.33 +67 6 46.2	1.2	6.8	14.1	0.5	142	
1823.0+6526	108	18	22 57.18 +65 26 3.4	1.2	8.1	3.2	0.2	14	
1823.0+6603	106	18	22 59.34 +66 3 42.8	1.2	6.4	177.6	5.4	365	D [0.8@300"] » 1823.1+6603 (F)
1823.0+6816	105	18	22 59.66 +68 16 51.6	2.0	14.6	3.0	0.4	7	S
1823.0+6605	106	18	23 0.14 +66 5 51.0	1.2	7.9	6.8	0.3	29	ID
1823.0+6901	101	18	23 2.95 +69 1 11.9	2.1	19.3	7.8	1.5	10	
1823.1+6555	106	18	23 3.63 +65 55 29.8	1.4	7.2	1.8	0.2	8	
1823.1+6603	106	18	23 6.06 +66 3 19.6	1.2	6.8	180.8	5.5	564	D [0.8@300"] » 1823.0+6603 (F)
1823.1+6712	107	18	23 6.51 +67 12 8.0	2.3	12.2	1.2	0.2	7	
1823.1+6909	101	18	23 6.73 +69 9 50.6	2.0	21.8	31.0	3.2	11	E? [0.3@280"]
1823.2+6700	107	18	23 9.22 +67 0 55.2	2.2	1.0	0.9	0.2	8	
1823.2+6643	110	18	23 10.49 +66 43 11.9	2.4	17.5	5.1	0.5	6	
1823.2+6609	106	18	23 13.62 +66 9 56.3	1.2	12.0	8.9	0.4	26	E [0.4@230"] (F)
1823.3+6609	106	18	23 18.29 +66 9 52.0	1.2	12.2	7.4	0.4	17	D [0.3@130"] (F) (X)
1823.3+6607	106	18	23 19.57 +66 7 39.8	1.4	10.5	3.1	0.2	8	
1823.4+6619	110	18	23 25.72 +66 19 18.3	1.2	14.6	6.7	0.3	28	
1823.4+6652	107	18	23 26.85 +66 52 9.5	2.4	8.1	0.9	0.2	7	
1823.4+6601	106	18	23 26.98 +66 1 54.4	1.3	8.2	2.2	0.2	9	
1823.5+6603	106	18	23 31.94 +66 3 13.9	1.5	9.1	1.9	0.2	6	
1823.6+6633	110	18	23 37.38 +66 33 5.5	1.2	9.2	3.3	0.2	31	
1823.7+6822	105	18	23 44.12 +68 22 2.6	1.2	13.1	35.6	1.3	115	
1823.8+6616	110	18	23 45.16 +66 16 50.9	2.4	15.4	1.4	0.3	6	
1823.8+6539	108	18	23 47.82 +65 39 51.4	1.5	10.0	2.7	0.2	7	
1823.8+6632	110	18	23 48.53 +66 32 40.3	1.8	8.1	1.2	0.1	7	
1823.8+6600	106	18	23 49.21 +66 0 58.0	1.2	10.3	5.3	0.3	15	
1823.9+6516	108	18	23 51.54 +65 16 18.1	1.6	13.8	2.4	0.3	6	
1823.9+6817	105	18	23 51.56 +68 17 14.6	2.5	16.9	5.7	0.6	7	S
1823.9+6725	111	18	23 51.59 +67 25 45.8	1.2	13.5	7.9	0.4	25	
1823.9+6719	111	18	23 56.78 +67 19 29.9	2.2	16.2	4.3	0.5	9	
1824.0+6716	107	18	23 58.84 +67 16 39.6	2.4	17.5	6.0	0.6	9	
1824.1+6757	109	18	24 5.51 +67 57 48.9	1.2	2.2	45.4	1.4	330	E? [0.5@200"]
1824.1+6525	108	18	24 5.61 +65 25 24.4	1.2	4.6	4.8	0.2	48	
1824.1+6701	107	18	24 5.73 +67 1 53.7	2.1	6.2	0.9	0.2	8	
1824.1+6616	110	18	24 7.87 +66 16 26.0	1.7	14.8	1.8	0.2	7	
1824.2+6654	107	18	24 9.93 +66 54 32.9	2.8	8.4	1.4	0.2	6	
1824.2+6454	104	18	24 14.54 +64 54 28.8	2.0	19.5	19.1	1.3	8	

Name	Field	Position		Δ	ρ	Stotal	Speak	SNR	Notes	
1824.3+6626	110	18 24	17.58	+66 26	21.9	1.7	6.0	1.3	0.1	7
1824.3+6722	111	18 24	20.68	+67 22	16.3	1.7	12.7	2.0	0.3	8
1824.4+6757	109	18 24	23.51	+67 57	30.7	1.2	2.8	52.3	1.6	401
1824.4+6704	107	18 24	23.94	+67 4	14.6	2.5	8.8	1.0	0.2	7 ID
1824.5+6730	111	18 24	30.72	+67 30	38.4	2.0	9.0	1.4	0.2	7
1824.6+6821	105	18 24	34.66	+68 21	28.5	2.7	17.3	5.1	0.7	6 S
1824.7+6557	106	18 24	41.62	+65 57	2.9	1.9	16.0	17.4	0.8	25
1824.7+6559	106	18 24	42.08	+65 59	0.7	2.1	15.8	5.5	0.5	7
1824.7+6552	106	18 24	42.18	+65 52	27.4	2.1	17.5	4.3	0.7	7
1824.7+6554	106	18 24	43.05	+65 54	29.6	2.1	16.8	9.3	0.7	7
1824.7+6815	109	18 24	44.26	+68 15	53.3	1.9	16.2	508.8	20.9	933 ID
1824.8+6715	111	18 24	46.89	+67 15	42.4	2.6	16.2	3.5	0.5	6
1824.8+6543	108	18 24	47.99	+65 43	30.8	1.6	14.3	2.9	0.3	6
1824.9+6626	110	18 24	51.56	+66 26	10.6	1.2	4.0	1.6	0.1	22
1824.9+6542	108	18 24	53.36	+65 42	53.8	1.5	13.9	2.3	0.3	7
1824.9+6804	109	18 24	53.91	+68 4	21.9	1.2	6.0	5.2	0.3	28 E? [0.3@350°]
1825.0+6718	111	18 24	57.13	+67 18	0.2	2.0	13.7	2.8	0.3	7
1825.0+6831	105	18 24	58.58	+68 31	25.4	2.6	17.2	4.2	0.7	7
1825.0+6820	105	18 25	0.05	+68 20	18.4	2.7	19.9	16.3	1.4	6 S
1825.0+6730	111	18 25	0.38	+67 30	53.9	1.2	6.2	9.4	0.3	73
1825.0+6529	108	18 25	0.61	+65 29	40.6	1.3	5.8	2.6	0.1	12
1825.2+6529	108	18 25	10.30	+65 29	40.1	1.2	6.8	47.9	1.5	273 E [0.5@160°]
1825.2+6745	111	18 25	10.43	+67 45	47.9	2.3	16.7	3.7	0.6	7
1825.2+6824	105	18 25	12.22	+68 24	36.9	2.4	19.2	14.4	1.2	7
1825.3+6546	108	18 25	16.43	+65 46	54.4	2.2	18.5	10.4	0.8	6
1825.3+6736	111	18 25	16.63	+67 36	26.8	1.2	7.9	10.2	0.4	81
1825.4+6534	108	18 25	22.34	+65 34	10.9	1.2	9.0	4.3	0.2	18
1825.5+6625	110	18 25	31.77	+66 25	0.3	1.6	5.6	0.9	0.2	8
1825.5+6517	108	18 25	31.78	+65 17	9.0	2.1	15.7	2.4	0.3	8
1825.5+6639	110	18 25	31.88	+66 39	51.1	1.7	10.2	1.9	0.1	7
1825.5+6534	108	18 25	32.34	+65 34	11.3	1.2	9.9	61.5	2.0	387
1825.6+6815	109	18 25	33.15	+68 15	16.4	2.1	17.2	5.1	0.8	10
1825.6+6728	111	18 25	33.72	+67 28	5.0	1.5	3.5	1.9	0.2	9
1825.6+6637	110	18 25	34.50	+66 37	49.8	1.8	8.3	1.4	0.1	7
1825.6+6716	111	18 25	35.01	+67 16	14.2	1.8	14.1	3.2	0.4	8
1825.6+6838	105	18 25	36.27	+68 38	29.6	2.6	22.2	21.7	2.3	7
1825.6+6630	110	18 25	36.65	+66 30	9.9	1.2	3.2	2.8	0.1	37 E? [0.2@170°]

E? [0.3@350"]

S

E [0.5@160"]

E? [0.2@170"]

Name	Field	Position		A	P	Stotal	Speak	SNR	Notes
1825.7+6608	112	18 25	40.21 +66	8 35.1	1.2	12.1	36.8 1.3	41.3 1.5	117
1825.7+6533	108	18 25	41.61 +65	33 48.3	1.6	10.7	1.2 0.2	1.0 0.2	6
1825.7+6604	112	18 25	41.63 +66	4 29.1	1.4	9.4	2.9 0.3	2.1 0.3	9 ID
1825.7+6703	113	18 25	42.03 +67	3 47.4	2.7	15.2	1.6 0.4	2.1 0.4	6
1825.8+6611	112	18 25	45.40 +66	11 14.9	1.4	13.8	3.0 0.5	4.3 0.5	9 S
1825.8+6613A	110	18 25	47.46 +66	13 59.3	2.3	16.6	4.1 0.4	2.3 0.3	7
1825.8+6613B	110	18 25	48.01 +66	13 27.7	2.4	17.1	3.6 0.4	2.4 0.4	6
1825.8+6522	108	18 25	48.08 +65	22 3.0	1.7	13.4	2.8 0.2	1.4 0.2	6
1825.9+6726	111	18 25	51.19 +67	26 46.5	2.1	3.5	1.1 0.2	0.7 0.2	6
1825.9+6604	112	18 25	51.75 +66	4 15.1	1.2	8.4	143.5 4.5	146.1 4.6	662 ID
1825.9+6741	111	18 25	53.45 +67	41 40.3	1.2	11.8	7.9 0.4	5.7 0.3	27
1825.9+6635	110	18 25	54.27 +66	35 0.1	1.2	7.0	2.8 0.1	2.9 0.1	36
1825.9+6605	112	18 25	54.99 +66	5 31.5	1.5	8.8	2.3 0.3	1.8 0.3	8 ID S
1826.0+6625	110	18 25	59.10 +66	25 36.9	1.3	6.9	1.1 0.1	1.1 0.1	14
1826.0+6545	108	18 26	1.38 +65	45 6.1	2.2	19.3	3.1 0.7	5.6 0.7	6
1826.1+6543	108	18 26	3.03 +65	43 51.1	2.1	18.5	4.0 0.6	5.8 0.6	8
1826.1+6728	111	18 26	3.23 +67	28 18.5	1.3	1.7	1.6 0.2	1.7 0.2	17
1826.1+6732	111	18 26	5.92 +67	32 34.1	1.3	2.6	1.4 0.2	1.4 0.2	13
1826.2+6604	112	18 26	9.70 +66	4 8.0	1.2	6.8	37.7 1.2	35.2 1.1	184 ID
1826.4+6745	111	18 26	21.49 +67	45 13.0	2.4	15.3	2.5 0.4	2.7 0.4	7
1826.4+6604	112	18 26	26.52 +66	4 16.0	1.2	5.6	20.5 0.7	19.6 0.7	111
1826.5+6533	108	18 26	27.83 +65	33 31.5	2.0	15.3	2.8 0.3	3.7 0.3	11
1826.5+6716	111	18 26	30.37 +67	16 20.0	2.0	13.9	2.3 0.3	1.9 0.3	7
1826.5+6625	110	18 26	30.81 +66	25 28.2	1.5	9.7	1.5 0.1	0.8 0.1	8
1826.6+6517	108	18 26	33.52 +65	17 6.5	2.1	20.2	3.9 0.8	9.1 0.9	8
1826.6+6544	112	18 26	34.36 +65	44 33.4	2.0	15.7	14.2 0.9	7.7 0.8	11 S
1826.6+6704	113	18 26	34.44 +67	4 29.1	1.9	10.5	2.5 0.2	1.2 0.2	7 ID
1826.6+6706	113	18 26	37.39 +67	6 44.4	1.2	11.4	107.6 3.6	79.7 2.7	428 ID E? [0.8@350']
1826.6+6652	113	18 26	38.58 +66	52 58.0	2.0	11.5	1.9 0.2	1.3 0.2	7
1826.7+6629	110	18 26	39.35 +66	29 38.2	1.7	9.4	1.4 0.1	0.7 0.1	7
1826.7+6708	113	18 26	39.47 +67	8 25.1	1.7	12.4	3.0 0.3	1.8 0.3	8 ID S
1826.7+6512	108	18 26	41.34 +65	12 41.1	1.9	23.8	240.0 15.9	175.3 11.7	54 ID D [0.4@310']
1826.7+6515	108	18 26	42.33 +65	15 53.2	2.0	21.6	11.2 1.3	14.6 1.4	8
1826.7+6558	112	18 26	44.05 +65	58 8.5	1.6	2.7	1.2 0.2	1.2 0.2	8
1826.8+6728	111	18 26	46.06 +67	28 1.6	1.5	4.4	1.3 0.2	1.1 0.2	10
1826.8+6617	110	18 26	46.29 +66	17 43.9	1.9	16.0	4.2 0.3	4.5 0.3	15
1826.8+6813	109	18 26	47.52 +68	13 29.2	2.0	20.0	18.6 1.7	17.3 1.6	11

Name	Field	Position		A	ρ	Stotal	Speak	SNR	Notes
1826.8+6737	111	18 26	47.91	+67 37	10.6	2.0	8.2	1.9 0.2	
1826.9+6512	108	18 26	53.53	+65 12	5.3	2.0	25.1	20.1 3.1	
1826.9+6709	113	18 26	56.19	+67 9	11.7	1.3	11.9	3.7 0.3	ID
1827.0+6540	108	18 26	58.54	+65 40	27.1	2.0	20.8	12.4 1.2	
1827.0+6710	113	18 27	1.56	+67 10	32.3	1.8	12.6	1.8 0.3	S
1827.0+6725	111	18 27	2.36	+67 25	46.9	1.2	6.9	10.2 0.4	
1827.1+6557	112	18 27	3.69	+65 57	50.0	1.4	2.2	1.9 0.2	
1827.1+6709	113	18 27	6.92	+67 9	21.6	1.3	11.3	3.8 0.3	D [0.4@70"]
1827.1+6544	112	18 27	8.43	+65 44	27.7	2.1	15.6	7.6 0.7	
1827.4+6711	113	18 27	25.61	+67 11	51.3	1.2	12.7	155.3 5.4	E? [0.9@350"]
1827.4+6701	113	18 27	26.64	+67 1	34.7	1.6	4.8	2.0 0.2	E [0.7@0"] (F) (X)
1827.5+6812	109	18 27	28.04	+68 12	59.1	2.1	22.6	18.1 2.8	
1827.5+6744	111	18 27	31.04	+67 44	8.3	2.4	16.4	4.4 0.6	
1827.6+6702	113	18 27	33.33	+67 2	26.6	1.4	4.5	2.6 0.2	D [0.5@260"] (F)
1827.6+6607	112	18 27	34.08	+66 7	8.3	1.5	7.8	2.3 0.3	S
1827.7+6551	112	18 27	42.03	+65 51	41.9	1.6	9.2	3.0 0.3	
1827.7+6606	112	18 27	43.58	+66 6	2.9	1.5	7.3	2.8 0.3	S
1827.7+6628	114	18 27	44.38	+66 28	9.5	1.5	14.3	2.4 0.2	
1827.8+6629	114	18 27	45.61	+66 29	12.4	1.6	14.1	2.5 0.2	
1827.8+6709	113	18 27	49.70	+67 9	55.9	1.6	10.1	1.6 0.2	ID
1827.9+6609	112	18 27	54.44	+66 9	18.4	1.6	10.6	4.9 0.4	
1827.9+6714	113	18 27	56.10	+67 14	49.4	1.8	14.9	2.1 0.4	
1827.9+6723	111	18 27	56.76	+67 23	28.1	1.9	12.6	3.2 0.3	
1828.2+6629	114	18 28	12.89	+66 29	43.9	1.7	11.3	1.0 0.1	
1828.3+6616	114	18 28	19.08	+66 16	18.7	2.2	17.4	3.1 0.3	
1828.4+6725	111	18 28	23.81	+67 25	51.0	1.8	14.0	3.3 0.4	
1828.5+6541	112	18 28	27.47	+65 41	45.3	2.0	20.2	35.4 2.5	S
1828.5+6600	112	18 28	31.56	+66 0	13.8	1.3	9.0	3.9 0.3	S
1828.5+6557	112	18 28	31.88	+65 57	1.3	1.4	9.5	2.5 0.3	
1828.6+6744	111	18 28	36.96	+67 44	24.8	2.4	20.4	6.4 1.2	
1828.7+6644	114	18 28	39.62	+66 44	59.5	2.2	17.3	2.3 0.3	S
1828.8+6727	111	18 28	47.25	+67 27	10.0	1.9	15.9	45.0 1.9	E [0.5@200"]
1828.9+6619	114	18 28	53.65	+66 19	31.3	1.2	12.8	3.4 0.2	
1829.0+6704	113	18 28	58.07	+67 4	42.4	2.2	6.5	1.6 0.2	S
1829.0+6634	114	18 29	2.96	+66 34	1.2	1.6	7.4	1.2 0.1	
1829.1+6627	114	18 29	4.76	+66 27	53.4	1.5	6.5	0.9 0.2	
1829.1+6642	114	18 29	7.78	+66 42	29.2	1.8	13.8	2.2 0.2	S

Name	Field	Position		Δ	ρ	Stotal	Speak	SNR	Notes
1829.3+6632	114	18 29	15.42 +66 32	47.5	1.8	5.7	1.1 0.1	0.4 0.1	7
1829.3+6634	114	18 29	19.08 +66 34	2.1	1.2	6.3	1.8 0.1	1.8 0.1	28 (X)
1829.4+6707	113	18 29	24.07 +67 7	56.5	1.8	10.6	1.9 0.2	1.3 0.2	8 ID
1829.4+6553	112	18 29	25.66 +65 53	50.5	2.1	15.8	11.3 0.8	6.1 0.7	9 S
1829.6+6600	112	18 29	33.45 +66 0	56.8	1.9	15.4	11.0 0.8	11.1 0.8	17
1829.6+6629	114	18 29	37.28 +66 29	40.7	1.4	2.9	1.1 0.1	0.5 0.1	10
1829.6+6652	113	18 29	38.35 +66 52	0.2	1.8	11.6	1.7 0.2	1.5 0.2	8
1829.8+6601	112	18 29	47.21 +66 1	29.3	2.1	16.8	11.8 1.0	7.9 0.9	9
1829.9+6659	113	18 29	55.70 +66 59	38.1	1.3	10.1	3.9 0.2	2.1 0.2	13 D [0.6@310"]
1829.9+6618	114	18 29	56.68 +66 18	44.6	1.4	11.2	0.9 0.2	1.0 0.1	10
1830.0+6658	113	18 29	57.07 +66 58	23.4	1.9	10.4	1.5 0.2	1.2 0.2	8
1830.0+6610	114	18 30	2.26 +66 10	7.2	2.0	19.9	5.7 0.6	7.1 0.7	11
1830.1+6650	113	18 30	3.49 +66 50	10.7	1.4	14.7	3.3 0.4	3.7 0.4	12
1830.1+6540	112	18 30	6.01 +65 40	51.9	1.9	26.9	284.5 24.2	221.8 19.6	16 E [0.4@310"]
1830.1+6543	112	18 30	6.23 +65 43	14.5	2.1	25.1	74.1 7.7	66.0 7.3	8
1830.1+6658	113	18 30	8.39 +66 58	32.6	2.1	11.4	2.4 0.2	1.2 0.2	7 S
1830.3+6550	112	18 30	16.99 +65 50	14.0	1.9	22.1	78.8 5.3	72.9 5.0	20 ID
1830.4+6601	112	18 30	21.02 +66 1	2.4	2.1	20.2	24.1 2.1	19.1 2.0	9
1830.6+6638	114	18 30	36.18 +66 38	21.0	1.7	8.8	0.4 0.1	0.5 0.1	7
1830.9+6637	114	18 30	56.23 +66 37	13.7	1.7	8.8	0.5 0.1	0.5 0.1	7
1831.4+6615	114	18 31	25.76 +66 15	23.0	2.1	16.7	3.5 0.3	2.5 0.3	9
1831.5+6638	114	18 31	29.04 +66 38	11.4	1.2	11.6	4.6 0.2	4.1 0.2	37
1831.5+6632	114	18 31	31.73 +66 32	8.7	1.4	8.8	1.1 0.1	0.8 0.1	11 E [0.4@340"] E? [0.4@330"]
1831.7+6650	114	18 31	44.63 +66 50	16.3	2.4	22.5	7.9 1.1	8.0 1.1	6
1831.8+6629A	114	18 31	49.12 +66 29	11.3	1.2	10.3	19.8 0.7	8.6 0.3	93 D [0.5@190"] * 1831.8+6629B
1831.8+6629B	114	18 31	49.85 +66 29	41.6	1.2	10.3	19.8 0.7	9.9 0.3	107 D [0.5@190"] * 1831.8+6629A
1831.9+6627	114	18 31	52.64 +66 27	8.0	1.3	11.0	1.6 0.1	1.2 0.1	12
1832.5+6625	114	18 32	29.05 +66 25	53.2	1.7	14.9	2.5 0.2	1.3 0.2	7
1832.8+6613	114	18 32	48.78 +66 13	54.8	2.3	22.9	11.8 1.3	9.8 1.2	6
1832.9+6639	114	18 32	53.24 +66 39	9.4	2.3	19.0	2.0 0.5	3.5 0.5	7
1833.0+6631	114	18 33	1.86 +66 31	33.5	2.0	17.7	4.0 0.4	3.7 0.4	10
1833.2+6609	114	18 33	9.31 +66 9	52.9	2.3	27.3	13.3 3.4	34.5 4.2	7
1833.4+6644	114	18 33	23.22 +66 44	27.7	2.2	24.3	16.9 1.9	15.9 1.9	7
1833.5+6629	114	18 33	27.43 +66 29	4.9	2.1	20.2	8.2 0.7	5.7 0.7	8
1833.5+6633	114	18 33	30.00 +66 33	2.8	2.4	20.6	3.6 0.7	4.8 0.7	6
1833.6+6639	114	18 33	38.48 +66 39	12.2	2.4	23.1	9.2 1.3	9.8 1.3	6

TABLE 3
VLA-NEP Sources with Possible Identifications

NEP (1)	NEP flux (mJy) (2)	BWE91 (6cm) (3)	LWR88 (11cm) (4)	WB92 (20cm) (5)	LRW92 (8C) (6)	NED (7)	Spectral Index (6-20) (11-20) (8) (9)	Ref (10)
1729.3+6702	33.8	1729+6704 (26)	245 (21)				-0.22	-0.80
1730.3+6648	29.6		250 (26)				-0.22	-0.22
1730.8+6735	84.3		252 (41)				-1.21	-1.21
1731.2+6716	49.5		253 (59)				0.30	0.30
1731.3+6703	9.7		256 (15)				0.73	0.73
1731.4+6703	6.7		256 (15)				1.36	1.36
1731.6+6653	35.6		257 (35)				-0.03	-0.03
1731.7+6652	37.5		257 (35)				-0.12	-0.12
1731.7+6638	96.7	1731+6640 (40)	258 (60)				-0.75	-0.80
1732.6+6532	17.6			1732+6535 (788)				
1732.7+6532	6.0			1732+6535 (788)				
1732.8+6714	100.2		263 (188)	1732+6718 (352)				
1732.9+6717	247.0		263 (188)	1732+6718 (352)				
1732.9+6533	1057.9	1732+6535 (239)		1732+6535 (788)	1732+655	[HB89] 1732+655 (17.6)	-1.26	1
1733.1+6604	20.6		264 (18)				-0.23	-0.23
1733.2+6533	8.6			1732+6535 (788)				
1733.3+6820	82.2		265 (37)				-1.34	-1.34
1734.3+6800	1.7					CGCG 1734.6+6802 (15.6)	0.18	2
1734.6+6808	22.5		269 (25)			CGCG 1734.6+6704	0.81	3
1734.6+6702	2.5							
1734.7+6806	1.6		269 (25)					
1735.9+6806	22.9		270 (37)					
1736.2+6806	0.6		270 (37)					
1736.5+6808	3.1		270 (37)					
1736.6+6908	11.4		273 (49)					
1736.6+6502	21.2				1736+650			
1736.7+6708	179.5	1736+6710 (59)	271 (121)	1736+6710 (164)	1736+671		-0.94	-0.66
1736.7+6517	44.7	1736+6519 (23)					-0.56	-0.56
1736.9+6908	188.6	1737+6910 (50)	273 (49)			ARK 524 (15.6)	-1.12	-2.27
1737.1+6810	4.5						-0.12	-0.12
1737.3+6827	30.1		276 (28)				-0.17	-0.17
1737.4+6718	37.7		278 (34)					

NEP	NEP flux	BWE91	LWR88	WB92	LRW92	NED	Spectral Index	Ref
1737.5+6918	28.6		279 (14)				-1.20	
1737.7+6629	52.3		277 (21)				-1.53	
1737.8+6830	0.5		276 (28)					
1738.4+6732	1.2		280 (27)				5.24	
1739.0+6839	30.5		284 (32)				0.08	
1739.1+6822	17.8		283 (17)				-0.08	
1740.0+6819	47.5		286 (37)				-0.42	
1740.0+6628	40.2		285 (41)				0.03	
1740.5+6638	1.3			1740+6640 (155)				
1740.7+6638	164.0	1740+6640 (69)	289 (108)	1740+6640 (155)			-0.73	
1740.8+6737	41.1		291 (40)				-0.05	
1740.9+6448	3.5					IRAS F17407+6449		5
1741.1+6618	5.5		293 (18)				1.99	
1741.1+6815	11.1		294 (13)				0.27	
1741.1+6703	79.7		292 (40)		1741+670		-1.16	
1741.2+6803	0.5					IRAS F17414+6805		5
1741.5+6620	21.2		293 (18)				-0.28	
1741.8+6804	2.5		296 (20)					
1741.9+6803	7.0		296 (20)					
1742.2+6858	167.3	1742+6859 (56)	299 (73)	1742+6859 (158)			-0.93	
1742.2+6640	70.8	1742+6641 (34)	298 (46)			CGCG 1742.4+6822 (15.1)	-0.62	5
1742.3+6820	2.9					IRAS F17425+6615	-0.73	6
1742.6+6614	10.0							
1742.7+6904	66.6		301 (38)				-0.94	
1742.8+6759	4.1		303 (26)				3.11	
1742.9+6628	25.1		300 (28)			CGCG 1742.8+6630 (15.2)	0.18	7
1742.9+6547	2.0		302 (26)					
1743.0+6344	77.3					ABELL 2280 (17.9)		8
1743.0+6549	5.6		302 (26)					
1743.1+6842	47.7		304 (57)				0.30	
1743.1+6405	0.7							
1743.1+6345	68.0			1743+6344 (258)		IRAS F17427+6405		5
1743.2+6843	49.7		304 (57)			ABELL 2280 (17.9)		8
1743.3+6845	11.6						0.23	
1743.4+6342	214.4	1743+6344 (62)	305 (34)	1743+6344 (258)	1743+637	CGCG 1743.5+6846 (15.4)	-1.05	2
1743.4+6605	23.1							
1743.5+6343	2.6			1743+6344 (258)				
1743.6+6736	129.8					CGCG 1743.7+6737 (15.2)		2

NEP	NEP flux	BWE91	LWR88	WB92	LRW92	NED	Spectral Index	Ref
1743.6+6602	11.7		305 (34)					
1743.6+6430	221.1	1743+6431 (52)		1743+6431 (212)	1743+645		-1.23	
1743.7+6342	11.8			1743+6344 (258)				
1743.7+6430	247.3			1743+6431 (212)	1743+645			
1744.0+6638	433.2	1743+6639 (174)	310 (263)	1743+6639 (441)	1743+666		-0.77 -0.84	
1744.1+6640	1.5			1743+6639 (441)				
1744.7+6630	4.2		311 (42)			MCG +11-21-026 (17.0)	0.16	9
1744.7+6750	38.1					IRAS F17450+6633		5
1745.1+6632	2.0					MCG +11-21-029		9
						MCG +11-21-028		9
1745.1+6740	131.9		314 (30)			IRAS F17455+6834	-2.49	5
1745.3+6833	1.9				1745+642		-0.87	
1745.4+6414	147.7	1745+6415 (53)						
1745.4+6856	1.5		315 (51)					
1745.6+6856	73.9	1745+6857 (45)	315 (51)				-0.42 -0.62	
1745.7+6703	5.4			1745+6704 (556)				
1745.9+6422	1.2			1745+6422 (356)				
1745.9+6703	656.5	1745+6704 (315)	317 (401)	1745+6704 (556)			-0.62 -0.83	
1746.0+6623	87.8		316 (54)				-0.82	5
1746.0+6638	1.6					IRAS F17460+6639		
1746.1+6421	237.4	1745+6422 (174)		1745+6422 (356)	1745+644		-0.26	
1746.3+6422	2.6			1745+6422 (356)				
1746.5+6920	218.8	1746+6921 (144)	319 (156)	1746+6921 (202)			-0.35 -0.57	
1747.1+6532	5.6			1747+6533 (394)				
1747.1+6550	38.3		318 (35)				-0.15	
1747.1+6551	36.8		318 (35)				-0.08	
1747.2+6809	1.4		322 (50)					
1747.2+6532	375.0	1747+6533 (130)		1747+6533 (394)	1747+655	4C +65.22	-0.90	1
1747.2+6415	6.2					IRAS F17469+6416		5
1747.3+6810	7.8		322 (50)					
1747.4+6726	34.1		321 (20)				-0.90	
1747.4+6809	40.6	1747+6810 (25)	322 (50)				-0.41	
1747.5+6613	28.3		320 (29)				0.35	
1747.5+6401	4.2					CGCG 1747.1+6402 (14.9)	0.04	5
1748.1+6656	3.4		325 (324)	1748+6657 (690)		IRAS F17481+6657		5
1748.1+6559	72.2		323 (55)				-0.46	
1748.2+6703	217.0		324 (112)		1748+670	4C +67.27	-1.11	1

NEP	NEP flux	BWE91	LWR88	WB92	LRW92	NED	Spectral Index	Ref
1748.2+6857	45.9	1748+6859 (28)	326 (28)				-0.42	-0.83
1748.2+6656	530.2	1748+6657 (199)	325 (324)	1748+6657 (690)			-0.83	-0.83
1748.4+6743	1.4		329 (36)					
1748.5+7005	711.6	1749+7006 (722)	330 (314)	1749+7006 (305)		[HB89] 1749+701 (17.0)	0.01	1.03
1748.6+6730	118.3	1748+6731 (34)	327 (82)			MRK 0507 (16.0)	-1.06	-0.62
1748.6+6842	2.5							11
1748.9+6730	113.2		327 (82)					-0.54
1748.9+6744	4.0		329 (36)					
1748.9+6621	58.7		328 (40)					-0.65
1749.0+6744	48.5	1749+6745 (27)	329 (36)				-0.50	-0.50
1749.3+6345	2.3					CGCG 1748.9+6346 (15.2)		5
1749.4+6625	0.8					IRAS F17493+6626		5
1749.4+7008	27.4					CGCG 1749.9+7010 (10.9)		12
1749.6+7008	27.9					CGCG 1749.9+7010 (10.9)		12
1749.6+6737	53.7		331 (17)				-1.93	
1749.7+6508	2.8					IRAS F17494+6508		5
1749.8+6824	7.3	1750+6824 (25)	332 (44)			MCG +11-22-005 (17.0)	1.04	9
						KUG 1750+683A (16.0)		13
1749.8+6823	7.7	1750+6824 (25)	332 (44)			CGCG 1750.1+6825 (15.2)		13
1749.9+6824	13.2	1750+6824 (25)	332 (44)			KUG 1750+683A (16.0)		13
1749.9+6903	8.2		335 (12)			MCG +11-22-005 (17.0)		9
1750.0+6630	11.5		333 (65)			CGCG 1750.1+6825 (15.2)		13
1750.1+6824	1.0		332 (44)			KUG 1750+683A (16.0)		9
1750.2+6633	8.7		333 (65)			CGCG 1750.1+6825 (15.2)		13
1750.3+6642	41.8		334 (43)			MCG +11-22-005 (17.0)		13
1750.3+6900	1.2					CGCG 1750.1+6825 (15.2)		13
1750.4+6804	29.3		337 (206)					5
1750.6+6812	46.7	1750+6813 (50)			1751+681			
1750.6+6804	10.0		337 (206)				0.06	
1750.7+6804	6.5		337 (206)					
1750.8+6808	133.7		337 (206)	1751+6807 (378)				
1750.9+6646	3.4		334 (43)	1751+6807 (378)	1751+681			
1750.9+6642	1.8		334 (43)					
1750.9+6741	11.4				1751+676			
1751.0+6806	26.5	1751+6807 (92)	337 (206)	1751+6807 (378)				
1751.1+6606	12.3	1750+6607 (26)	336 (55)				0.63	2.52

NEP	NEP flux	BWE91	LWR88	WB92	LRW92	NED	Spectral Index	Ref
1751.1+6806	10.1	1751+6807 (92)	337 (206)	1751+6807 (378)		CGCG 1751.1+6533 (15.4)	-1.28	7
1751.1+6531	0.6						-1.69	
1751.2+6948	122.7	1751+6949 (27)	339 (45)				0.38	
1751.2+6719	26.3		338 (33)				-1.40	
1751.3+6914	43.6		341 (19)					
1751.3+6804	41.3		337 (206)					
1751.4+6719	2.4		338 (33)					
1751.5+6954	40.6		344 (42)				0.06	
1751.5+7013	29.2	1752+7013 (24)	346 (26)				-0.20	
1751.6+6719	2.9		338 (33)					
1751.6+6553	1.4		342 (30)					
1751.7+6816	33.4		343 (22)				-0.70	
1751.7+6654	34.6		340 (40)				0.24	
1751.9+6454A	127.9	1751+6455 (58)		1751+6455 (129)	1751+649		-0.67	
1751.9+6454B	129.7	1751+6455 (58)		1751+6455 (129)	1751+649		-0.68	
1752.0+6551	36.9		342 (30)			IRAS F17517+6422	-0.35	3
1752.0+6421	4.8						0.10	
1752.1+6738	63.2		347 (67)					
1752.2+6453	10.8			1751+6455 (129)			-0.22	
1753.1+6746	76.4	1753+6747 (48)	349 (67)		1753+664		0.08	
1753.5+6627	30.5		350 (32)					
1753.6+6633	3.9			1753+6636 (263)			-0.89	
1753.6+6635	300.8	1753+6636 (105)	351 (164)	1753+6636 (263)			-1.02	
1753.6+6634	357.2		351 (164)	1753+6636 (263)			-1.31	
1753.6+6542	453.4	1753+6543 (192)		1753+6543 (390)			-0.73	
1753.8+6542	461.2	1753+6543 (192)		1753+6543 (390)	1753+657		-0.74	
1754.1+6452	147.8	1753+6452 (263)		1753+6452 (123)			0.49	
1754.4+6737	53.0	1754+6738 (32)	353 (52)		1754+643		-0.43	
1754.5+6420	57.4							
1754.6+6738	2.6		353 (52)				0.09	2
1754.7+6854	11.4		355 (12)			CGCG 1754.6+6425 (15.7)		
1754.8+6425	7.1		356 (48)					
1755.0+6611	8.9							
1755.1+6751	2.2					IRAS F17552+6752		5
1755.1+6519	1.2					IRAS F17549+6520		5
1755.3+6838	0.9		358 (53)					
1755.4+6905	80.4	1755+6905 (77)	357 (56)				-0.04	
1755.4+6613	114.5		356 (48)				-1.46	

NEP	NEP flux	BWE91	LWR88	WB92	LRW92	NED	Spectral Index	Ref
1755.4+6803	6.3		354 (25)				2.32	
1755.4+6838	70.1	1755+6838 (30)	358 (53)				-0.72	
1755.4+6837	67.4	1755+6838 (30)	358 (53)				-0.69	
1755.5+6830	1.8		359 (159)	1755+6831 (306)				
1755.6+6832	216.0		359 (159)	1755+6831 (306)			-0.52	
1755.7+6830	211.3	1755+6831 (80)	359 (159)	1755+6831 (306)	1755+685		-0.82	
1756.5+6747	18.0		360 (55)			CGCG 1756.3+6513 (15.6)	1.88	2
1756.5+6512	7.6	1756+6532 (47)					-0.16	
1756.7+6531	56.5		361 (40)				-0.59	
1756.7+6633	56.7		360 (55)				1.83	
1756.9+6747	18.5		363 (23)				-0.46	
1757.1+6654	30.3			1756+6520 (203)	1757+653		-1.17	
1757.1+6519	171.1	1756+6520 (43)				CGCG 1757.1+6456 (14.2)	0.32	13
1757.1+6354	26.0	1756+6355 (38)						
1757.3+6456	2.1		365 (32)					
1757.3+6740	3.3			1757+6516 (203)				
1757.5+6517	7.1			1757+6516 (203)	1758+676		-1.50	
1757.6+6515	269.3	1757+6516 (46)					-0.94	
1757.8+6741	85.0	1757+6741 (28)	365 (32)				-1.64	
1757.8+6609	2.3		366 (41)					
1757.9+6648	2.7		367 (18)			CGCG 1758.5+6918 (15.4)	0.46	3
1758.0+6917	5.9		367 (18)				0.49	
1758.1+6649	13.7		368 (46)					
1758.1+6755	34.4	1758+6755 (27)		1758+6535 (293)			-0.21	
1758.2+6534	247.2		366 (41)					
1758.3+6612	1.7		366 (41)				-1.00	
1758.4+6613	8.1		369 (122)	1758+6535 (293)		IRAS F17585+6819	-0.70	5
1758.4+6535	225.6	1758+6535 (69)		1758+6554 (158)				
1758.4+6555	185.3			1758+6637 (816)				
1758.5+6819	2.1		369 (122)	1758+6535 (293)			-0.92	
1758.5+6536	0.6		370 (886)	1758+6554 (158)		NGC 6543	-0.10	14
1758.5+6552	210.3		373 (46)				-1.01	
1758.6+6637	939.4	1758+6637 (874)	373 (46)				-1.06	
1758.8+6720	95.1	1758+6720 (29)	373 (46)				-0.74	
1758.8+6719	100.9	1758+6720 (29)	375 (33)		1758+673		-1.08	
1759.2+6531	93.7	1759+6531 (39)						
1759.4+6448	89.4	1759+6448 (25)						
1759.4+6725	60.6							

NEP	NEP flux	BWE91	LWR88	WB92	LRW92	NED	Spectral Index	Ref
1759.6+6616	19.8		374 (26)					
1759.7+6613	7.5		374 (26)					
1800.1+6636	30.6					CGCG 1800.1+6636 (14.6)		13
1800.1+6727	0.5					KUG 1800+674 (17.5)		13
1800.5+6640	1.5		382 (43)					
1800.6+6644	10.5		382 (43)					
1800.9+6721	2.2					IRAS F18010+6721		5
1801.1+6725	2.5					CGCG 1801.3+6725 (15.0)		13
1801.2+6902	202.7	1801+6902 (132)	383 (151)	1801+6902 (242)	1801+690		-0.36	-0.50
1801.4+6643	18.3		382 (43)			NEP X1-J (14.9)		15
1801.5+6819	53.6	1801+6819 (32)	384 (39)			NEP X1-A (16.8)	-0.44	-0.53
1801.5+6645	3.6		382 (43)			NEP X1-C (16.7)		15
						NEP X1-E (17.0)		15
1802.1+6657	22.5		388 (22)				-1.81	
1802.3+6456	210.7	1802+6456 (25)		1802+6456 (143)	1802+649			
1802.4+6455	1.6			1802+6456 (143)				
1802.5+6455	3.2			1802+6456 (143)				
1802.7+6456A	3.3			1802+6456 (143)				
1802.7+6456B	3.8			1802+6456 (143)				
1802.9+6720	9.8		392 (31)					
1803.4+6720	5.9		392 (31)					
1803.4+6818	7.5		394 (23)					
1803.6+6818	6.9		394 (23)					
1803.7+6845	37.2	1803+6844 (24)	398 (35)			CGCG 1803.8+6702 (15.1)	-0.37	5
1803.7+6703	1.9			1804+6549 (136)				
1803.7+6550	1.3							
1803.8+6753	5.9		399 (25)					
1803.8+6845	17.1		398 (35)					
1803.9+6605	44.8		396 (33)					
1803.9+6548	43.1		401 (99)	1804+6549 (136)	1803+661		-0.51	
1804.0+6433	22.5	1803+6433 (73)					1.00	
1804.0+6754	1.3		399 (25)					
1804.1+6753	10.1		399 (25)					
1804.2+6551	35.1		401 (99)	1804+6549 (136)		IRAS F18040+6444		5
1804.3+6444	0.7							
1804.4+6913	72.1		403 (32)					
1804.5+6550	8.4		401 (99)	1804+6549 (136)			-1.37	

NEP	NEP flux	BWE91	LWR88	WB92	LRW92	NED	Spectral Index	Ref
1804.6+6627	6.1		402 (50)					
1804.6+6625	70.1	1804+6625 (26)	402 (50)		1804+664		-0.84 -0.57	
1804.7+6858	27.7		406 (25)				-0.17	
1804.8+6550	19.0		401 (99)					
1805.0+6653A	58.6		405 (36)				-0.82	
1805.0+6656	14.4		405 (36)				1.54	
1805.0+6857	9.4		406 (25)				1.65	
1805.0+6653B	64.9		405 (36)				-0.99	
1805.1+6550	44.1		401 (99)			CGCG 1805.5+6819 (15.6)		13
1805.3+6820	1.6		409 (23)					
1805.4+6710	1.6					KUG 1805+659 (16.5)		13
1805.5+6554	0.9					IRAS F18055+6644		5
1805.5+6644	1.9		410 (18)				-1.29	
1805.5+6710	49.4		409 (23)					
1805.9+6717	3.1		411 (17)					
1806.0+6645	19.5		410 (18)				-0.13	
1806.2+6715	32.6		411 (17)				-1.10	
1806.7+6831	3.7		413 (226)	1807+6831 (384)				
1806.8+6719	1.3			1807+6719 (128)				
1806.8+6831	334.3	1807+6831 (124)	413 (226)	1807+6831 (384)	1807+685		-0.84 -0.66	
1807.1+6628	9.6		415 (15)					
1807.2+6719	155.6	1807+6719 (36)	416 (82)	1807+6719 (128)			-1.24 -1.08	
1807.2+6742	54.7		420 (64)					
1807.3+6618	21.7		419 (55)					
1807.5+6841	115.0	1807+6841 (34)	421 (43)		1807+687		-1.03 -1.65	
1807.5+6628	9.9		415 (15)				-0.31	
1807.5+6429	48.8	1807+6429 (34)						
1807.8+6744	64.3		420 (64)		1808+677			
1807.8+6604	1.2		422 (15)					
1807.9+6617	21.6		419 (55)					
1808.1+6605	17.7		422 (15)				-0.28	
1808.2+6814	42.1	1808+6813 (24)	424 (40)				-0.48 -0.09	
1808.8+6634	26.2		425 (29)					
1808.9+6703	16.8		428 (54)					
1809.0+6702	9.3		428 (54)					
1809.0+6704	17.7		428 (54)					
1809.2+6701	0.5		428 (54)					
1809.3+6659	3.8		428 (54)					

NEP	NEP flux	BWE91	LWR88	WB92	LRW92	NED	Spectral Index	Ref
1809.6+6704	5.8		428 (54)					
1809.7+6700	1.1		428 (54)					
1810.0+6831	6.0		430 (111)					
1810.5+6831	87.2	1810+6831 (59)	430 (111)				-0.33	0.41
1810.5+6402	1.3					CGCG 1810.2+6402 (15.1)		13
1810.9+6745	4.5					IRAS F18110+6744		5
1811.0+6558	13.4		431 (20)			IRAS F18111+6636	0.67	5
1811.1+6637	0.8					IRAS F18114+6428	0.18	5
1811.6+6749	26.1		432 (29)					
1811.7+6429	2.3							
1811.8+6551	6.8		434 (15)				1.33	
1811.8+6553	9.4		434 (15)				0.79	
1812.1+6814	112.5	1812+6814 (37)	436 (58)				-0.94	
1812.5+6743	28.0		439 (32)				0.22	
1812.6+6849	9.4							
1812.7+6847	219.7		441 (87)	1813+6847 (233)	1813+687		-1.56	
1812.7+6835	2.8		442 (42)					
1812.8+6847	198.4	1813+6847 (68)	441 (87)	1813+6847 (233)		NGC 6621 (14.0)	-0.91	-1.39
1812.9+6821	20.9		440 (13)			UGC 11175	-0.80	4
						NGC 6622 (16.0)		2
								12
1812.9+6836	17.2		442 (42)					
1813.0+6721	4.1		443 (49)					
1813.3+6834	11.1		442 (42)					
1813.4+6832	9.1		442 (42)					
1813.5+6641	1.8					IRAS F18135+6641	-0.14	5
1813.6+6719	53.3		443 (49)					
1813.7+6718	6.5		443 (49)					
1813.7+6446	153.1							
1813.8+6705	1.0		446 (180)	1813+6443 (161)				
1813.9+6816	24.9		444 (100)	1814+6702 (310)				
1813.9+6445	2.9			1813+6443 (161)		MCG +11-22-033 (17.0)		9
1814.0+6812	26.3		444 (100)					
1814.1+6817	19.8		444 (100)					
1814.1+6829	27.0		451 (83)					
1814.2+6703	223.4	1814+6702 (56)	446 (180)	1814+6702 (310)	1814+670		1.89	
1814.3+6358	1.3			1814+6358 (134)			-1.17	-0.36
1814.3+6558	1.2		448 (42)					

NEP	NEP flux	BWE91	LWR88	WB92	LRW92	NED	Spectral Index	Ref
1814.4+6602	23.1		448 (42)				1.01	
1814.5+6358	73.4	1814+6358 (29)		1814+6358 (134)			-0.79	
1814.5+6659	55.2	1814+6658 (41)		1814+6658 (310)			-0.25	
1814.6+6551	76.3				1814+657		-1.04	
1814.6+6604	2.7							
1814.7+6550	2.6							
1814.9+6600	1.8							
1814.9+6634	3.4							
1814.9+6915	62.0							
1815.1+6530	121.9			1815+6529 (163)			-1.01	
1815.1+6634	1.4		452 (22)					
1815.2+6632	0.9		452 (22)					
1815.3+6532	128.5			1815+6529 (163)				
1815.3+6507	52.4	1815+6506 (40)					-0.23	
1815.3+6530	0.7	1815+6529 (38)		1815+6529 (163)			3.38	
1815.4+6806	381.4	1815+6805 (173)	456 (240)	1815+6805 (577)	1815+680		-0.67	-0.78
1815.4+6817	87.9		457 (109)					
1815.5+6820	93.4		457 (109)					
1815.5+6753	4.7		459 (24)				2.74	
1816.0+6849	3.5		458 (25)				3.31	
1816.2+6836	44.0		463 (24)				-1.02	
1816.3+6711	6.7		462 (229)	1816+6710 (363)				
1816.4+6547	14.5		460 (47)					
1816.4+6549	12.8		460 (47)					
1816.4+6655	11.0		461 (18)				0.83	1
1816.4+6712	456.0	1816+6710 (112)	462 (229)	1816+6710 (363)	1816+671	4C +67.28	-1.19	5
1816.9+6541	6.7					IRAS F18167+6539	-0.98	
1817.0+6606	162.2	1816+6605 (51)	464 (93)	1816+6605 (160)	1816+660		-0.94	
1817.0+6605	2.0		464 (93)	1816+6605 (160)		IRAS F18169+6432	0.04	5
1817.2+6433	1.0							
1817.5+6612	22.4		465 (23)					
1818.3+6439	21.8	1817+6438 (38)				CGCG 1818.9+6819 (14.8)	0.47	5
1818.6+6820	19.9							
1818.7+6555	1.5			1818+6553 (326)				
1819.1+6555A	73.5	1818+6553 (46)		1818+6553 (326)			-0.40	
1819.1+6555B	18.4	1818+6553 (46)		1818+6553 (326)			0.78	
1819.5+6556	3.0			1818+6553 (326)				
1819.5+6618	1.9					MCG +11-22-045 (17.0)		16

NEP	NEP flux	BWE91	LWR88	WB92	LRW92	NED	Spectral Index	Ref
1819.6+6551	267.1	1819+6550 (70)		1819+6550 (326)	1819+658	MCG +11-22-044	-1.13	16
1819.6+6857	728.6	1819+6855 (340)		1819+6855 (861)		CGPG 1819.4+6617	-0.65	16
1819.6+6856	739.4	1819+6855 (340)		1819+6855 (861)			-0.66	
1819.7+6856	735.3	1819+6855 (340)		1819+6855 (861)			-0.65	
1819.7+6710	5.6			1819+6707 (442)				
1819.7+6551	7.9			1819+6550 (326)				
1819.7+6708	311.9	1819+6707 (154)		1819+6707 (442)		IRAS F18195+6429	-0.60	5
1819.8+6430	1.2							
1820.2+6823	82.9	1820+6821 (46)					-0.50	
1820.4+6656	2.0			1820+6657 (287)				
1820.5+6659	4.3			1820+6657 (287)				
1820.5+6701	1.3			1820+6657 (287)				
1820.6+6658	334.2	1820+6657 (59)		1820+6657 (287)	1821+646		-1.47	
1821.3+6443	94.6	1821+6442 (31)					-0.95	
1821.5+6836	21.4	1821+6835 (27)					0.20	
1821.8+6818	184.0			1822+6817 (144)		SN 1989P (16.5)	0.12	17
1822.0+6818	185.9	1822+6817 (213)		1822+6817 (144)		NGC 6636		5
1822.0+6635	5.0					NGC 6636 NED01 (14.0)		12
1822.1+6637	10.7					NGC 6636 NED02 (16.0)		12
1822.4+6818	3.8			1822+6817 (144)				
1823.0+6603	177.6	1823+6602 (77)		1823+6602 (229)	1823+660		-0.71	
1823.0+6605	6.8			1823+6602 (229)				
1823.1+6603	180.8	1823+6602 (77)		1823+6602 (229)	1823+660		-0.72	
1824.4+6704	1.0					IRAS F18244+6702	-0.77	5
1824.7+6815	508.8	1824+6814 (204)		1824+6814 (402)				
1825.7+6604	2.9			1825+6602 (257)			-0.95	
1825.9+6604	143.5	1825+6602 (47)		1825+6602 (257)	1826+660			
1825.9+6605	2.3			1825+6602 (257)				
1826.2+6604	37.7			1825+6602 (257)				
1826.6+6704	2.5			1826+6704 (204)				
1826.6+6706	107.6	1826+6704 (79)		1826+6704 (204)	1826+670		-0.26	
1826.7+6708	3.0			1826+6704 (204)				
1826.7+6512	240.0	1826+6510 (61)		1826+6510 (199)	1826+651		-1.16	
1826.9+6512	20.1			1826+6510 (199)				

NEP	NEP flux	BWE91	LWR88	WB92	LRW92	NED	Spectral Index	Ref
1827.4+6711	155.3	1827+6709 (34)		1827+6709 (204)	1827+671		-1.29	
1827.8+6709	1.6			1827+6709 (204)				
1829.4+6707	1.9							
1830.3+6350	78.8	1830+6547 (29)				IRAS F18295+6705	-0.85	5

NOTES -- Additional References: (1) Lacy, Rawlings, & Warner (1992); (2) Zwicky & Herzog (1968); (3) Joint IRAS Science Working Group (1988); (4) Kojoian et al. (1981); (5) Moshir et al. (1990); (6) Ashby, Houck, & Hacking (1992); (7) Nilson (1973); (8) Abell, Corwin, & Olowin (1989); (9) Vorontsov-Velyaminov & Krasnogorskaja (1962); (10) Sovers et al. (1988); (11) Clements (1983); (12) Dressel & Condon (1976); (13) Takase & Miyauchi-Isobe (1989); (14) Russell et al. (1990); (15) Burg et al. (1992); (16) Zwicky (1971); (17) Tsvetkov & Bbartunov (1993)

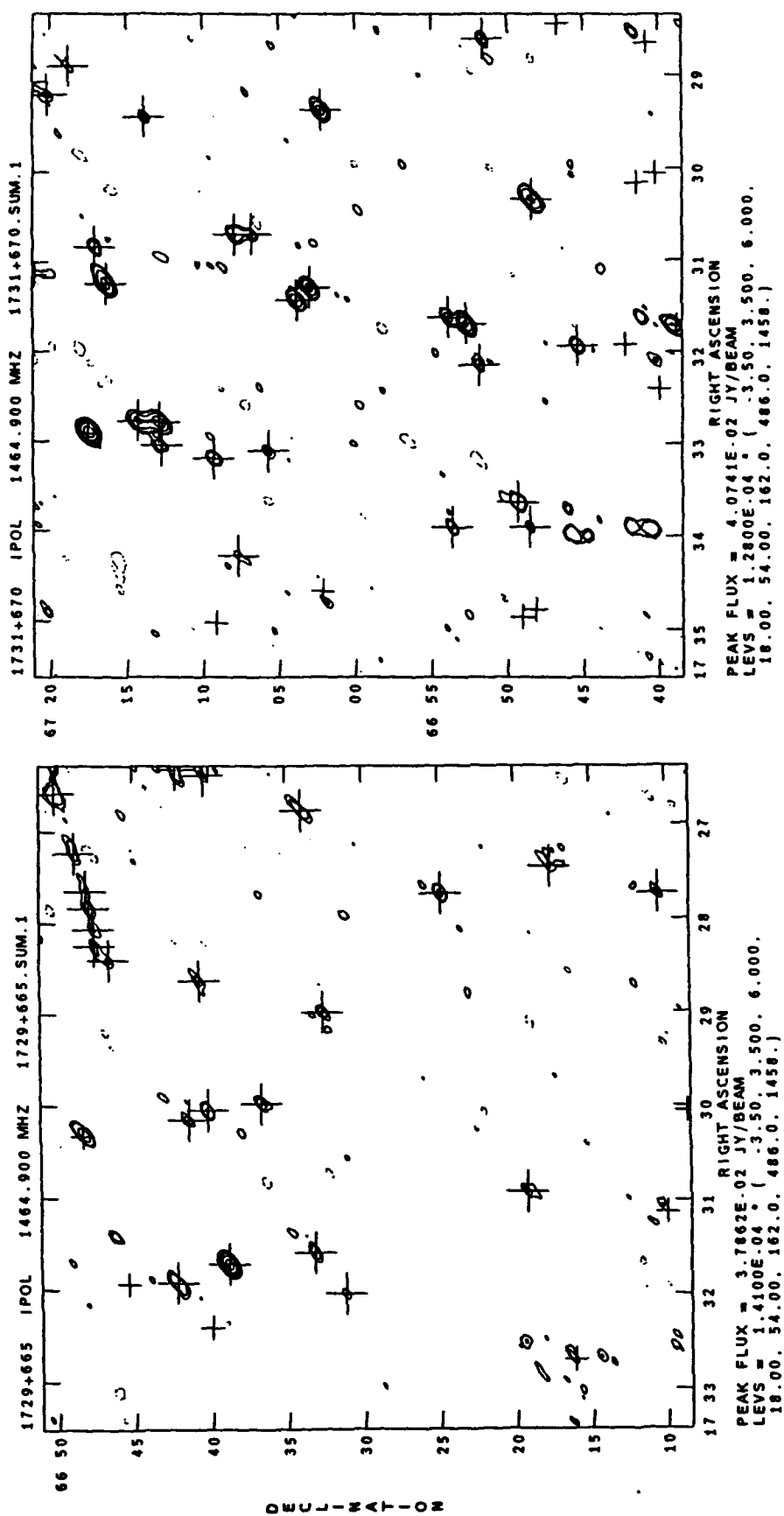
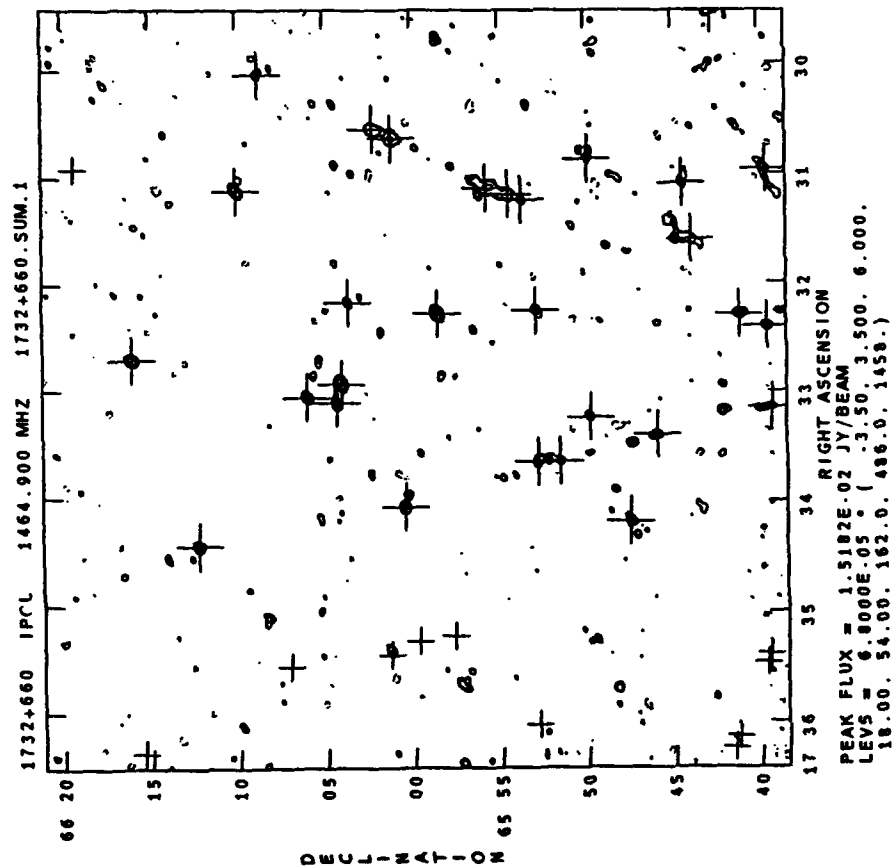
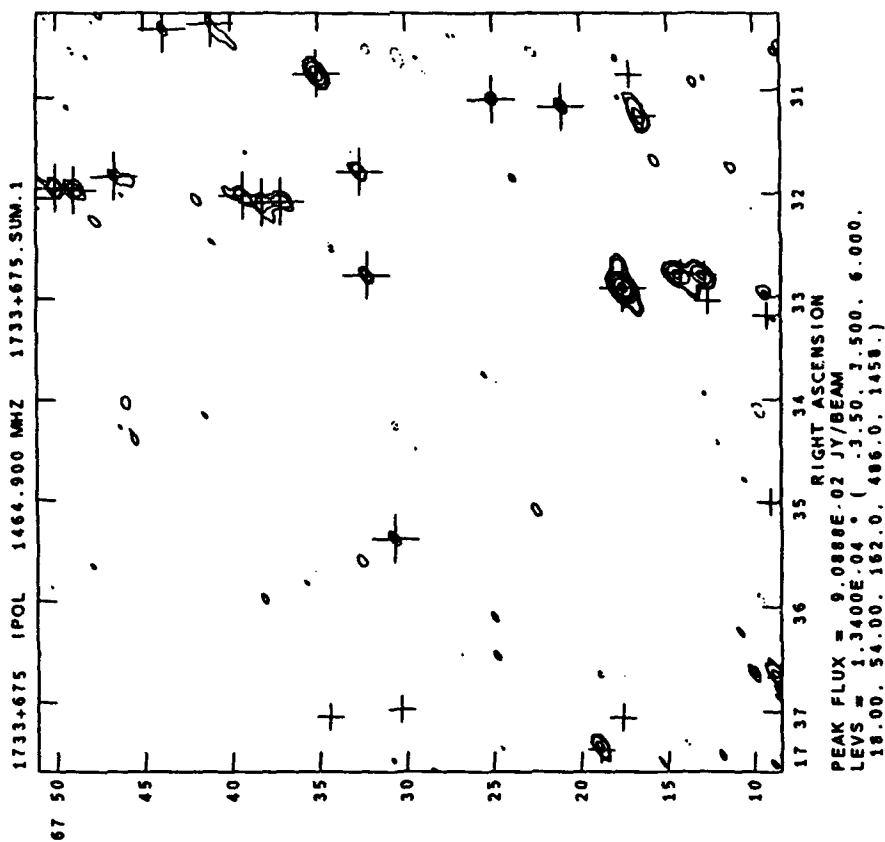


Figure 2 — Atlas of VLA-NEP Fields.



FIELD 3



FIELD 4

Figure 2 — Atlas of VLA-NEP Fields (continued).

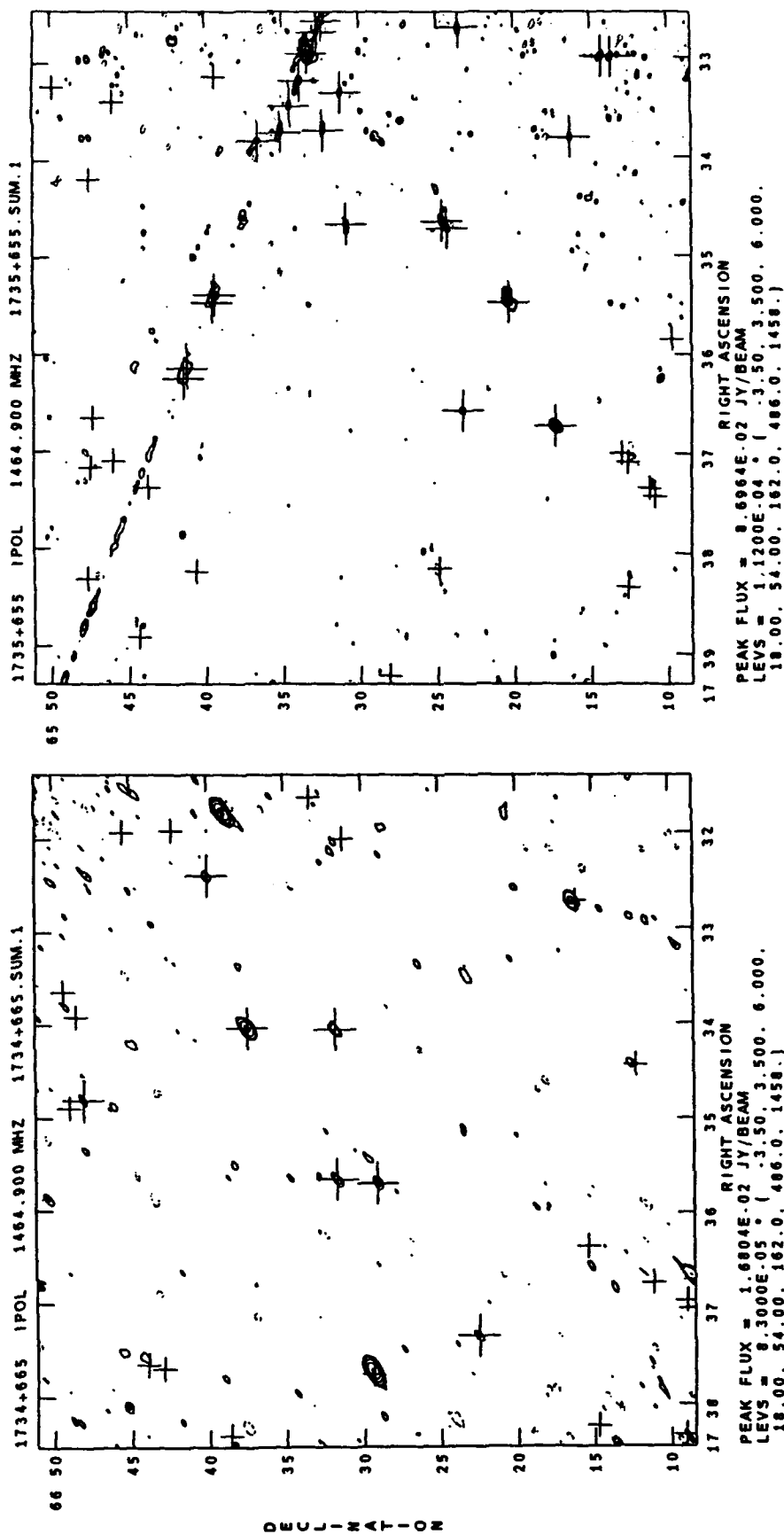
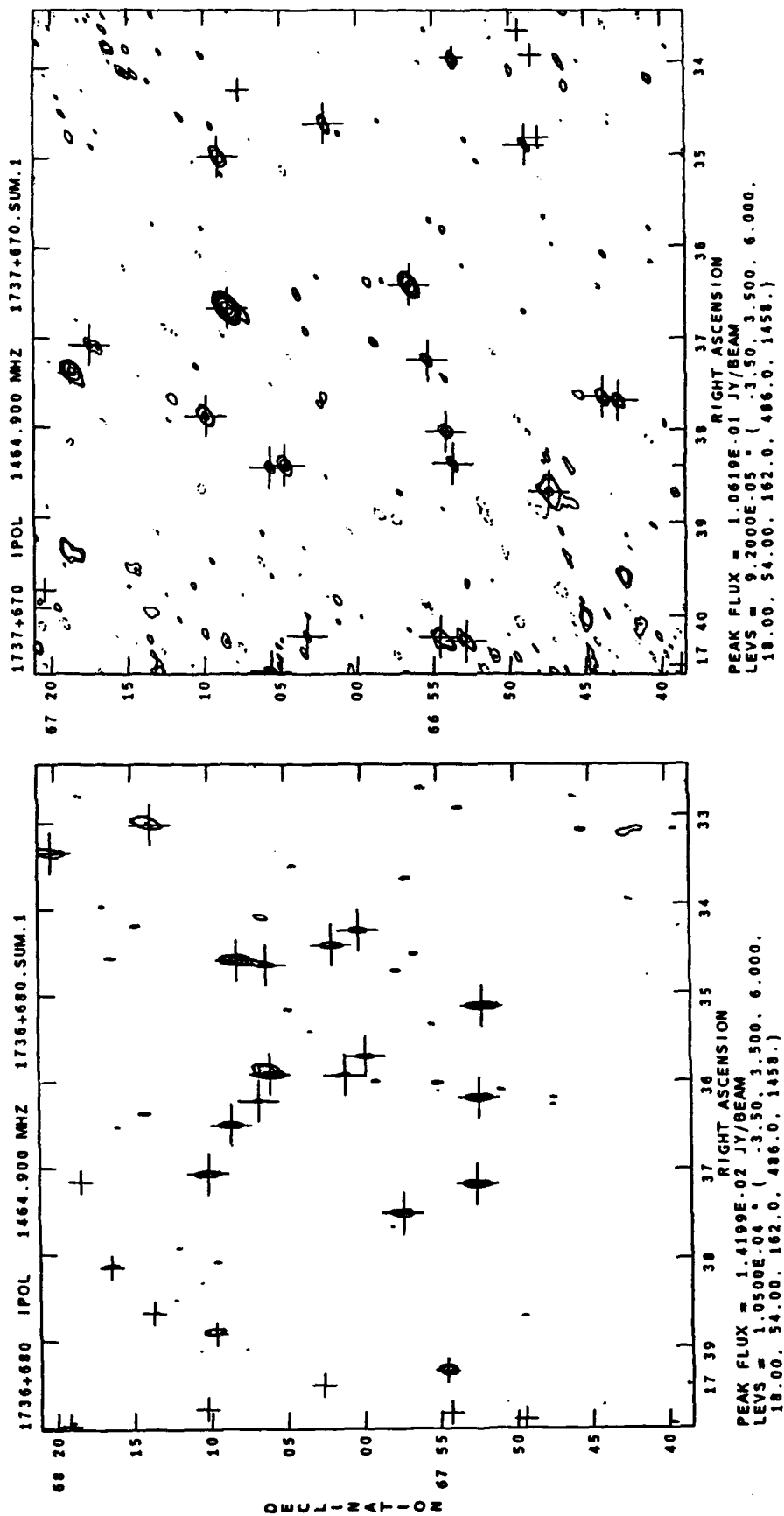


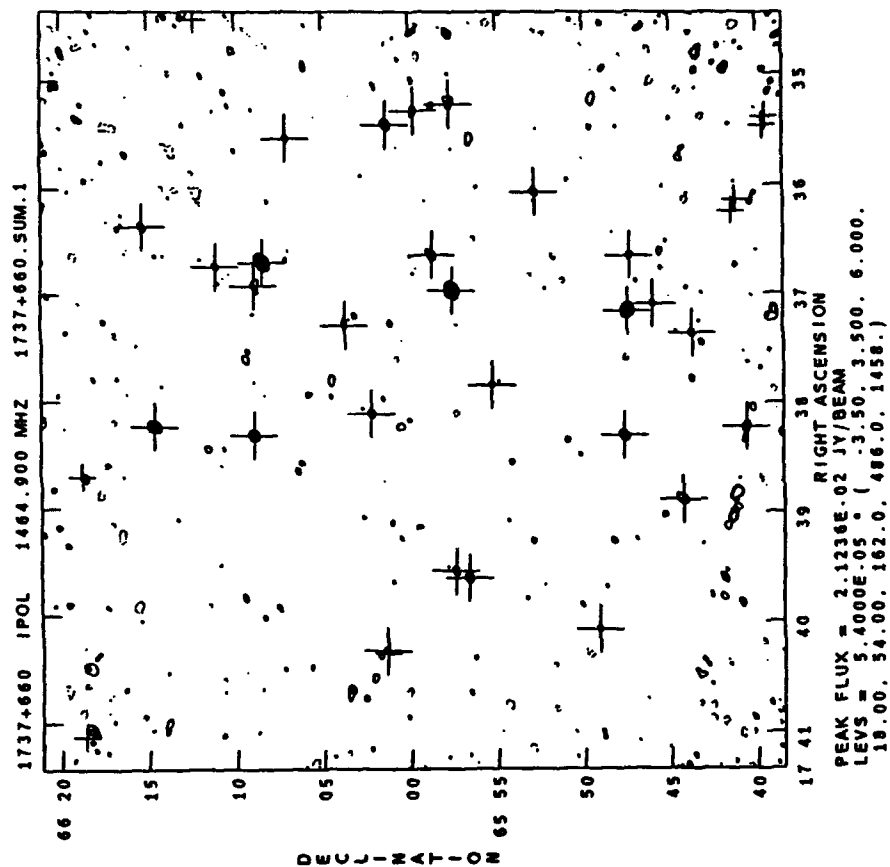
Figure 2 — Atlas of VLA-NEP Fields (continued).



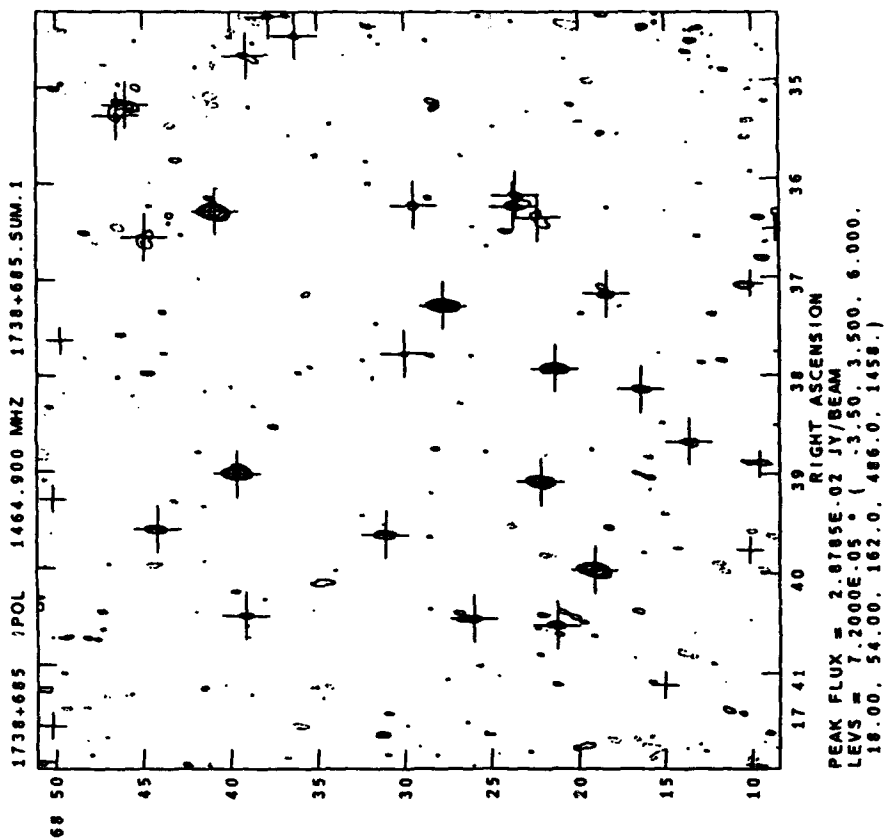
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FIELD 8

Figure 2 — Atlas of VLA-NEP Fields (continued).

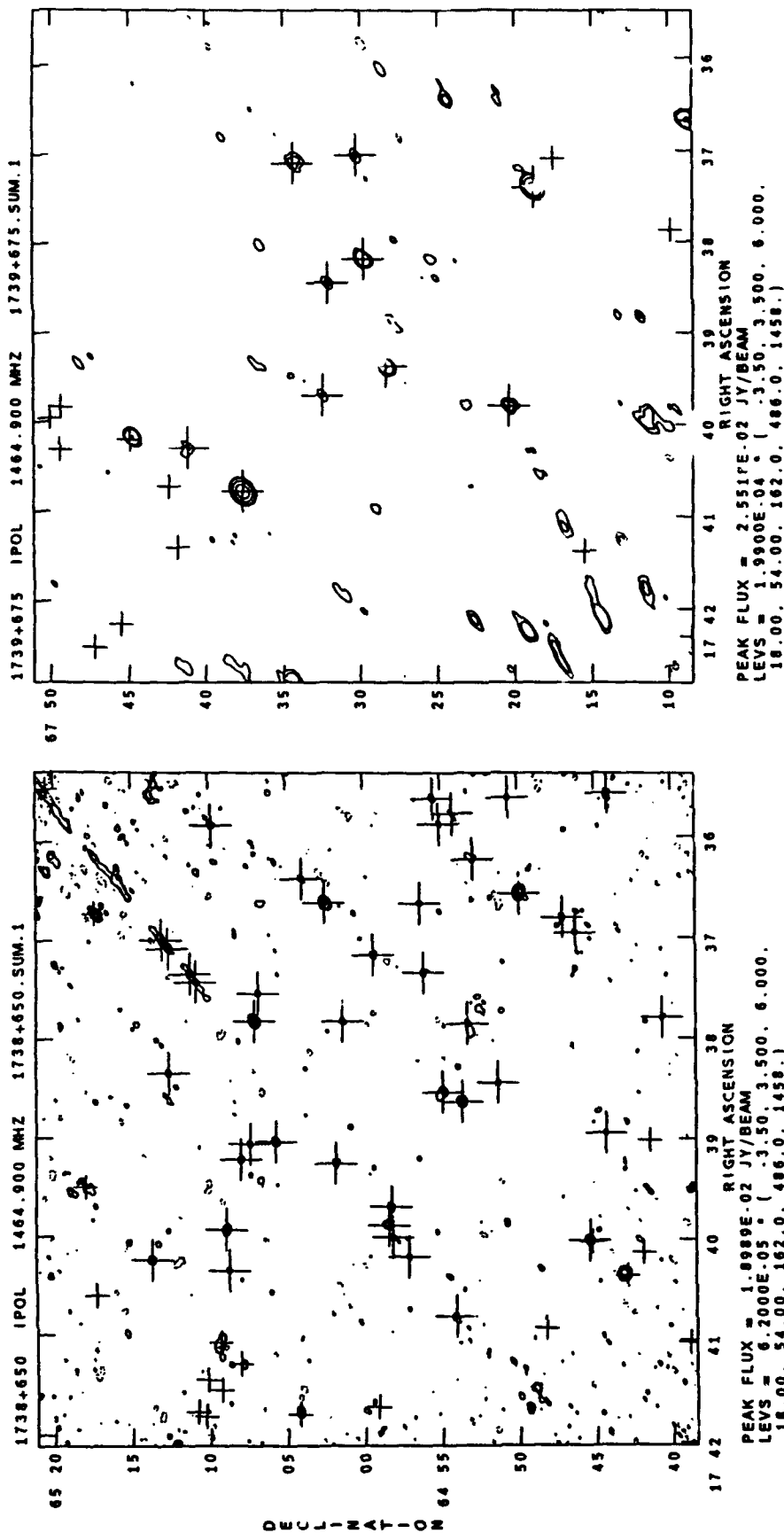


FIELD 9



FIELD 10

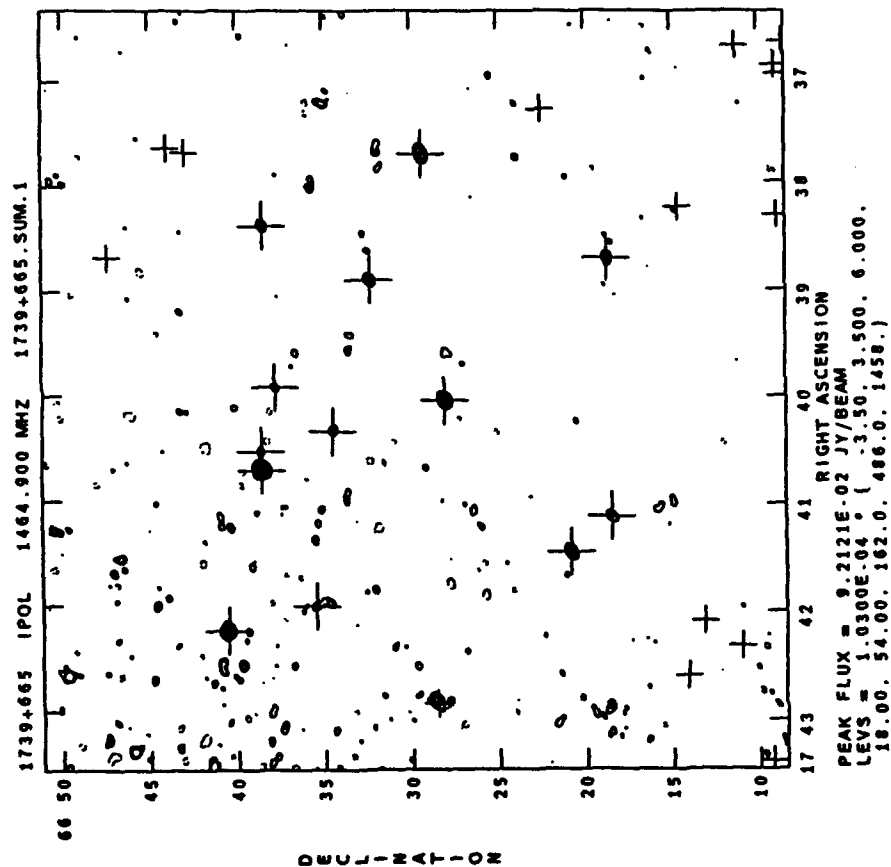
Figure 2 — Atlas of VLA-NEP Fields (continued).



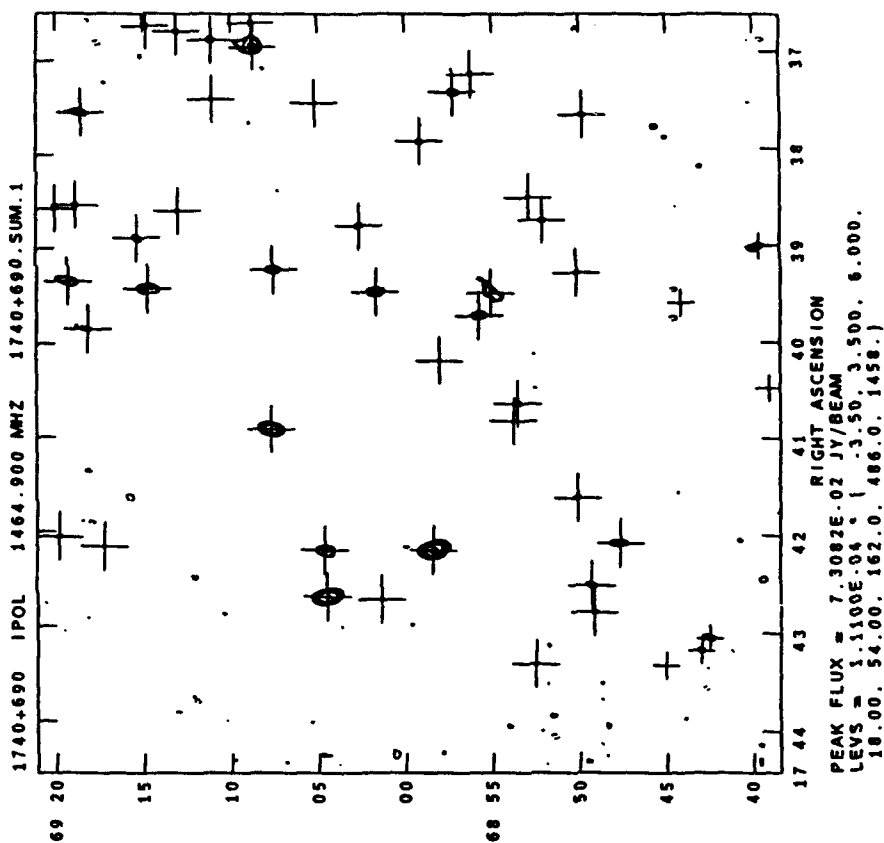
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FIELD 12

Figure 2 — Atlas of VLA-NEP Fields (continued).

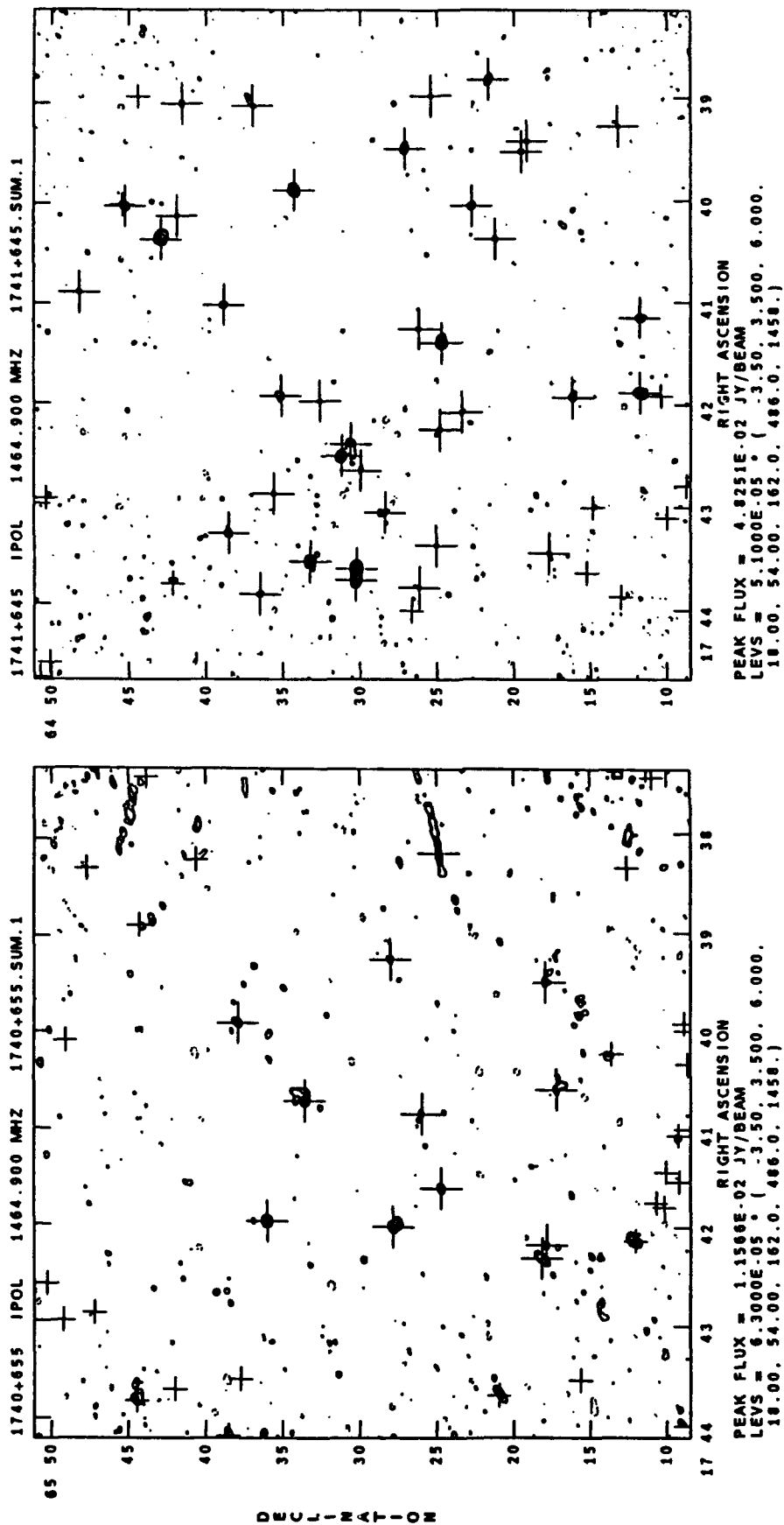


FIELD 13



FIELD 14

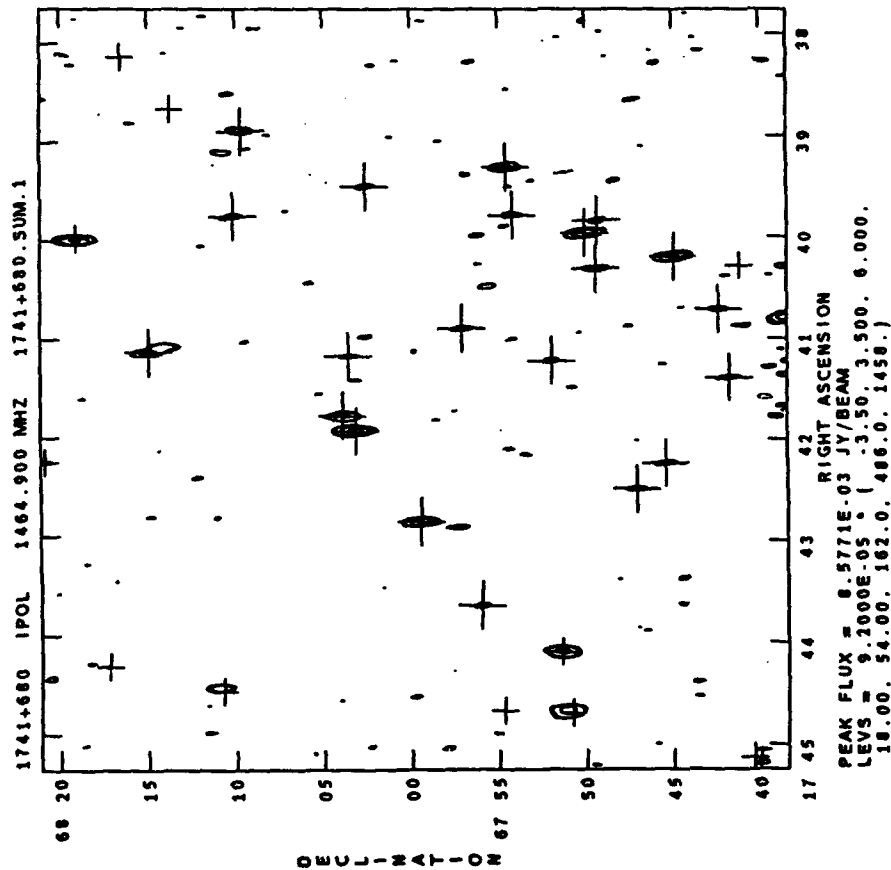
Figure 2 — Atlas of VLA-NEP Fields (continued).



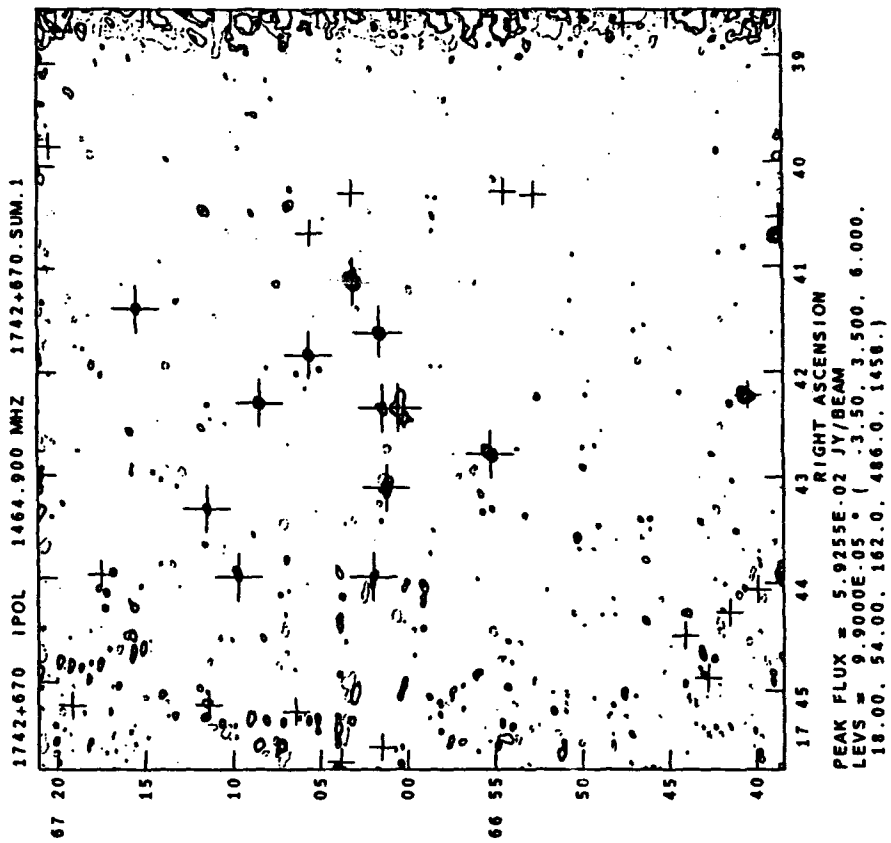
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FIELD 16

Figure 2 — Atlas of VLA-NEP Fields (continued).



FIELD 17



FIELD 18

Figure 2 — Atlas of VLA-NEP Fields (continued).

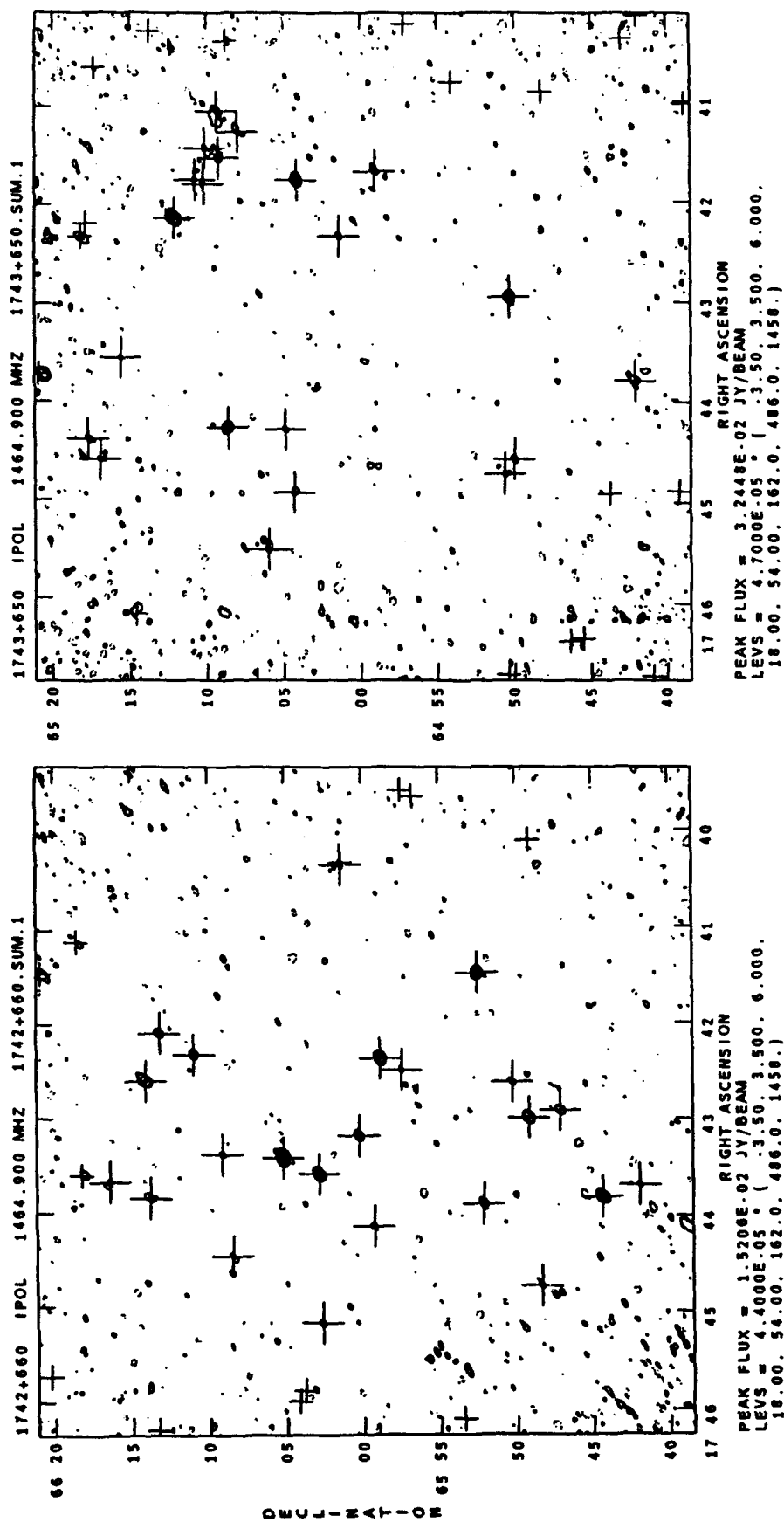
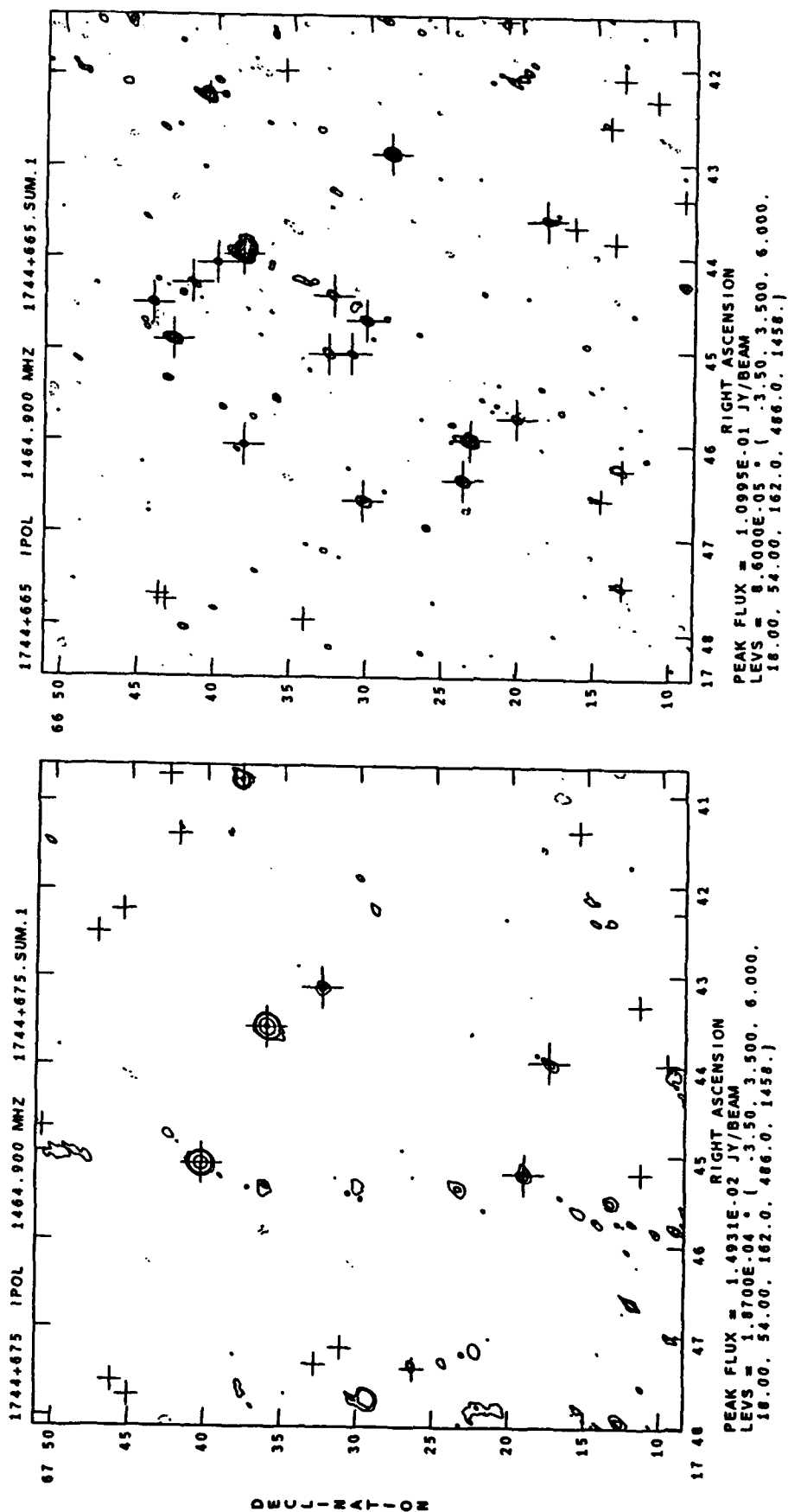
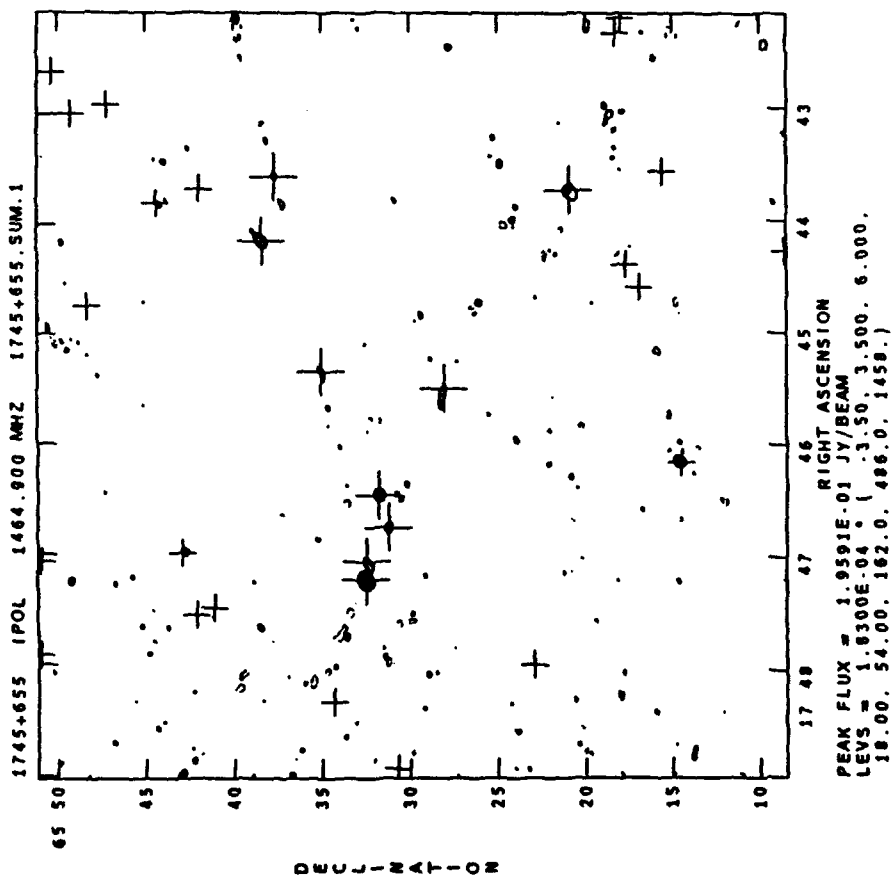


Figure 2 — Atlas of VLA-NEP Fields (continued).

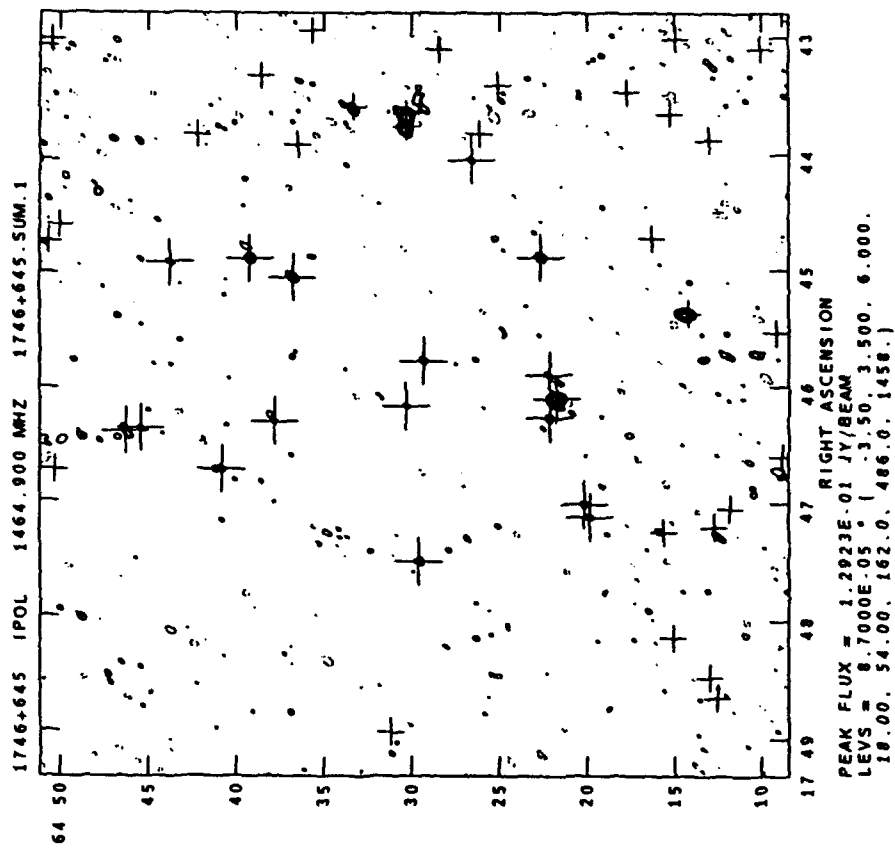


FIELD 23

Figure 2 — Atlas of VLA-NEP Fields (continued).

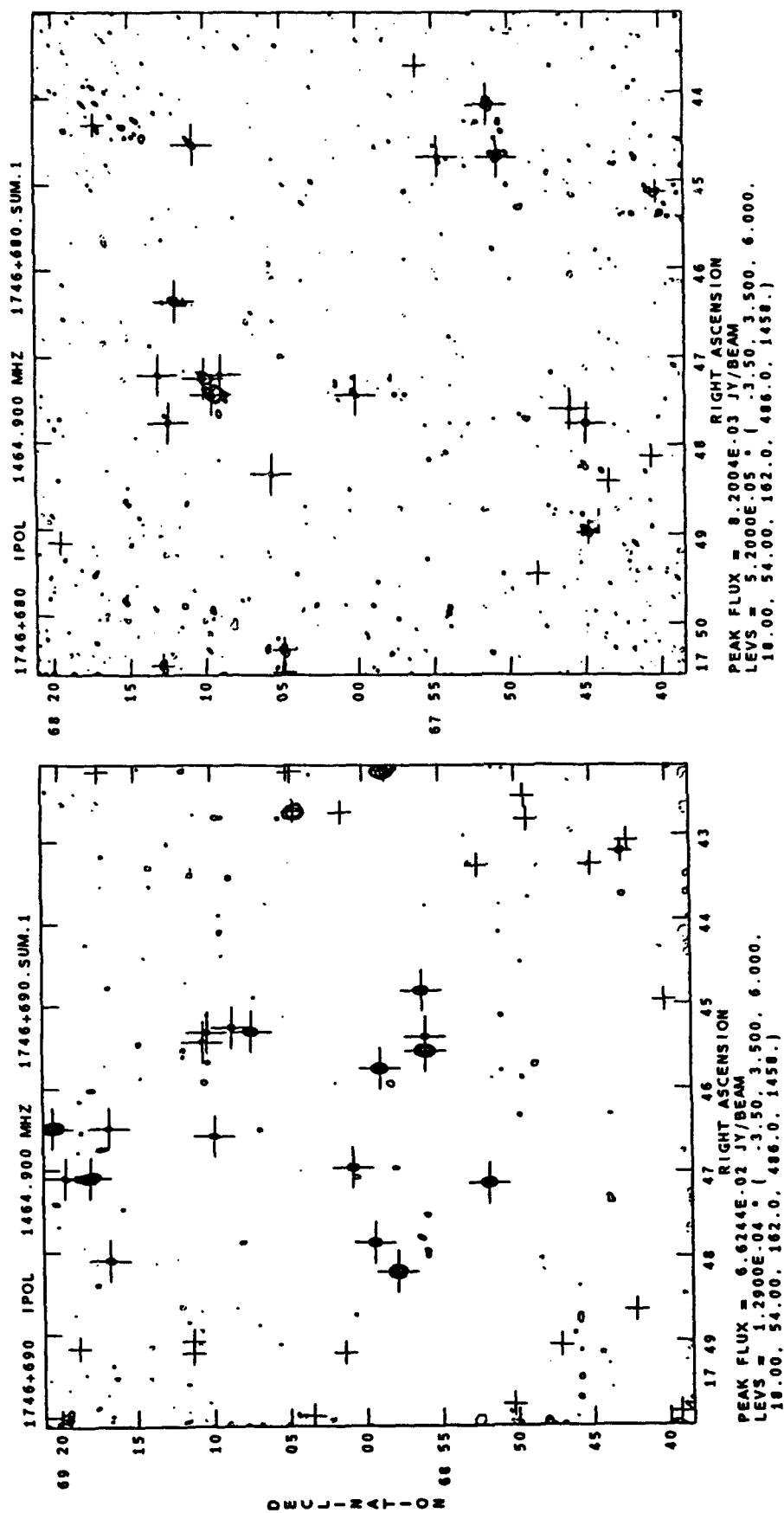


FIELD 25



FIELD 26

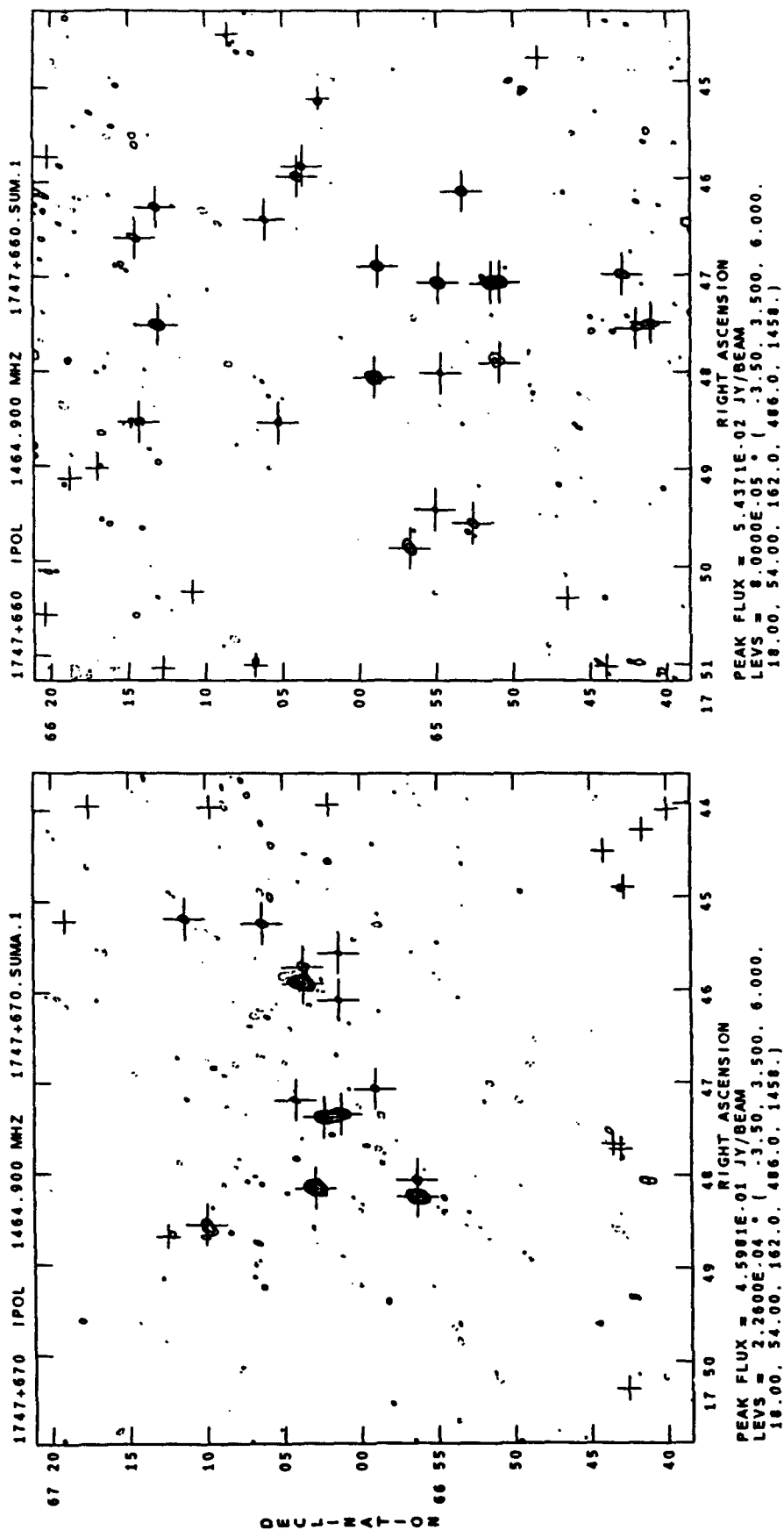
Figure 2 — Atlas of VLA-NEP Fields (continued).



FIELD 27

FIELD 28

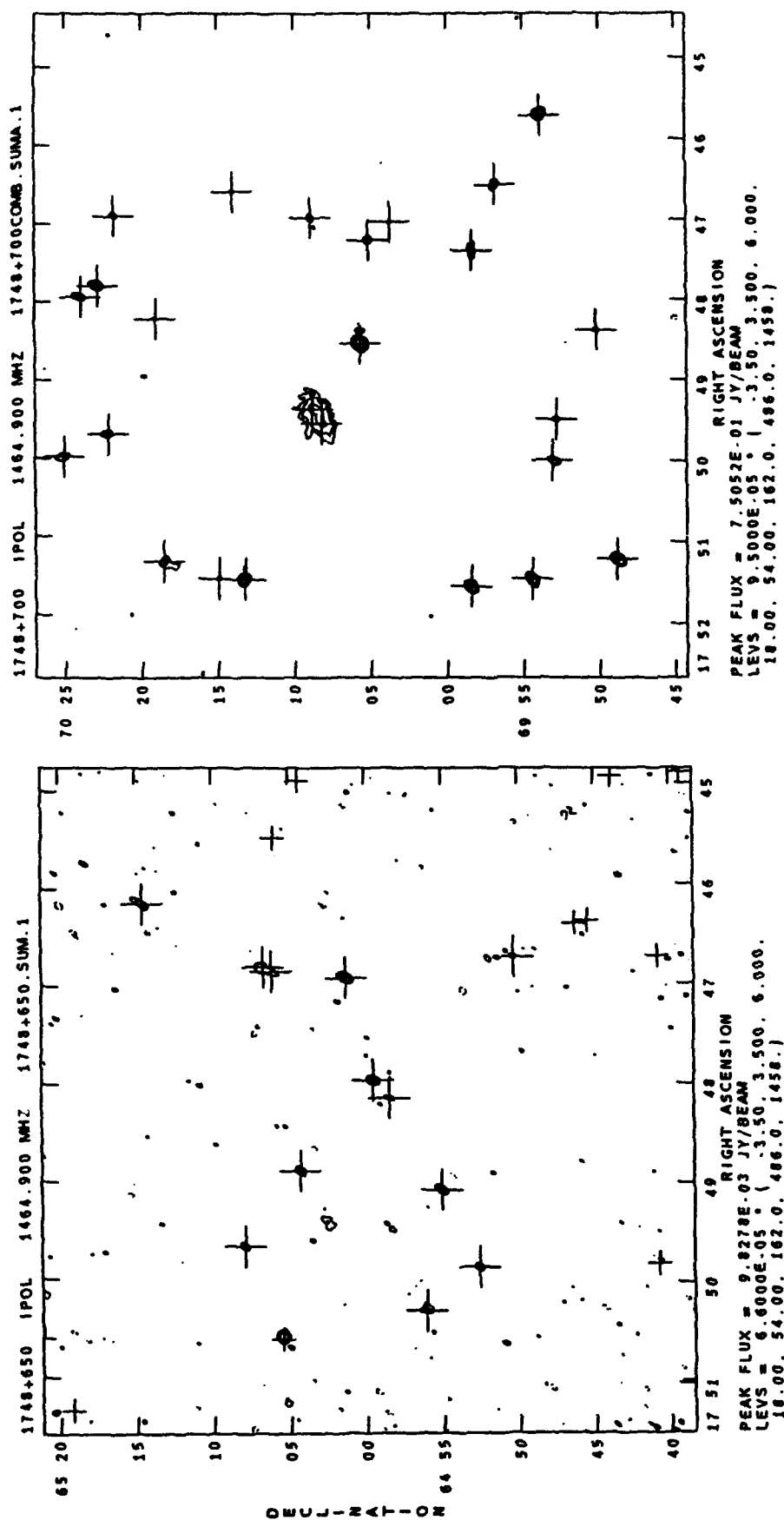
Figure 2 — Atlas of VLA-NEP Fields (continued).



FIELD 29

FIELD 30

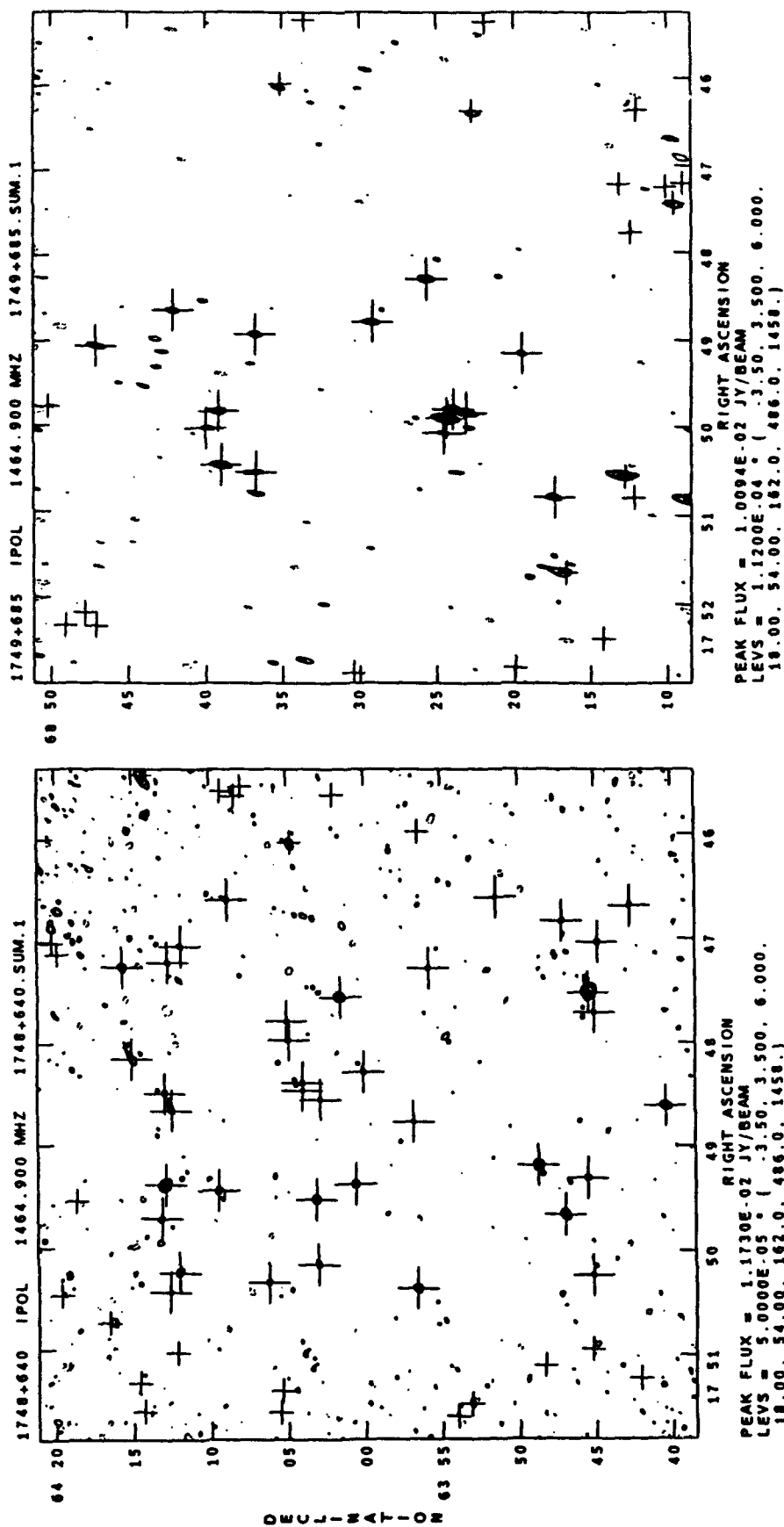
Figure 2 — Atlas of VLA-NEP Fields (continued).



FIELD 31

FIELD 32

Figure 2 — Atlas of VLA-NEP Fields (continued).



FIELD 34

FIELD 33

Figure 2 — Atlas of VLA-NEP Fields (continued).

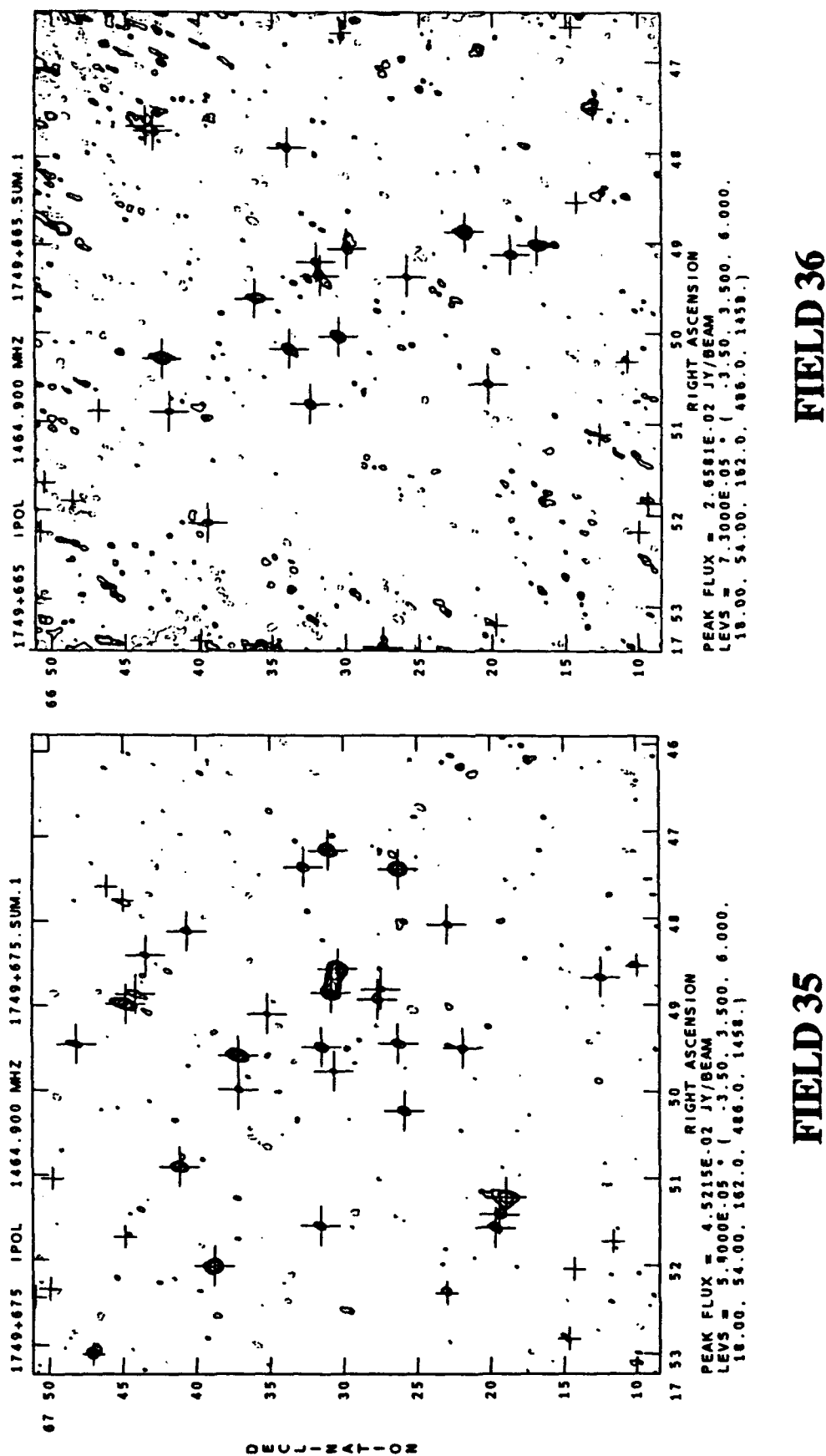


Figure 2 — Atlas of VLA-NEP Fields (continued).

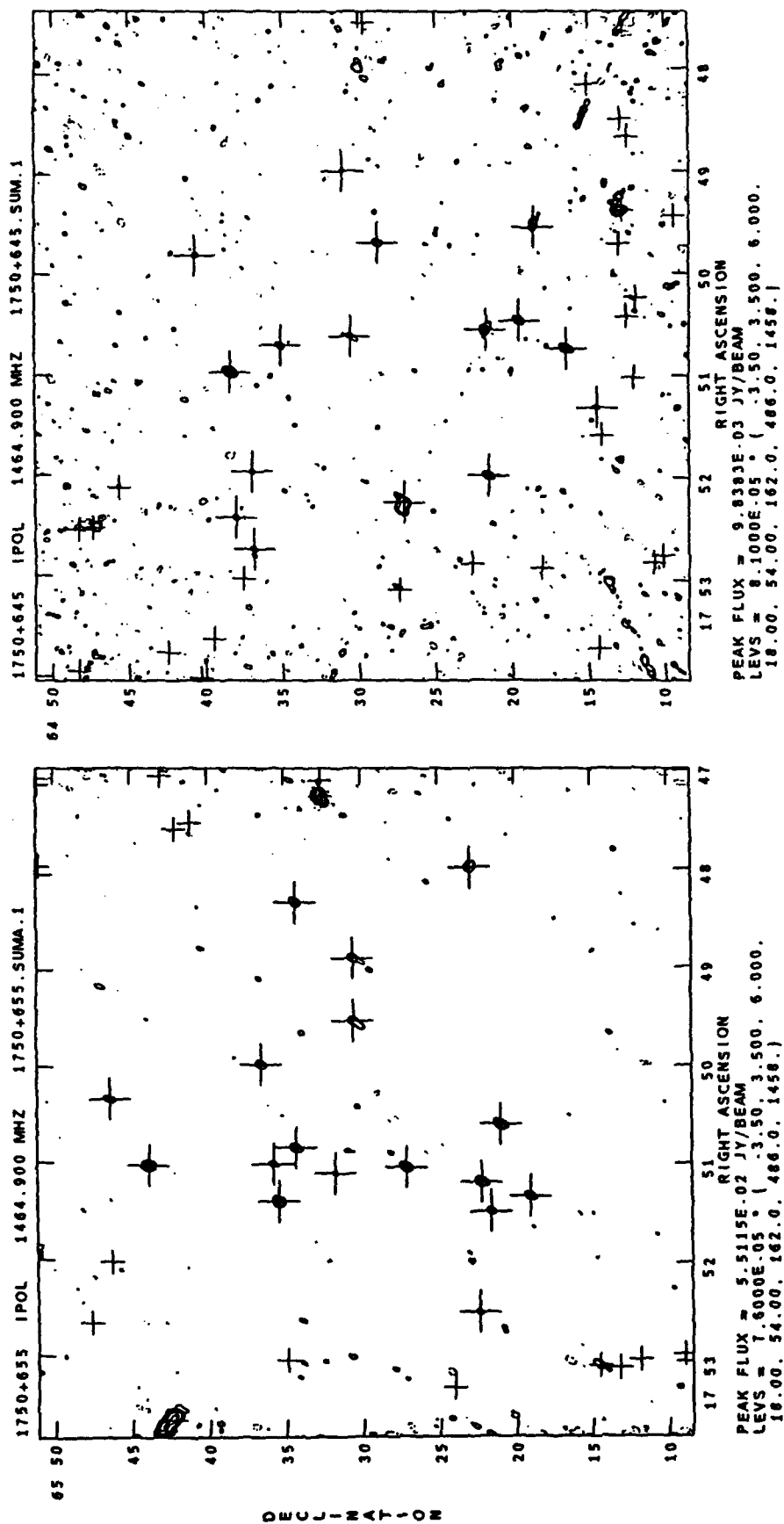
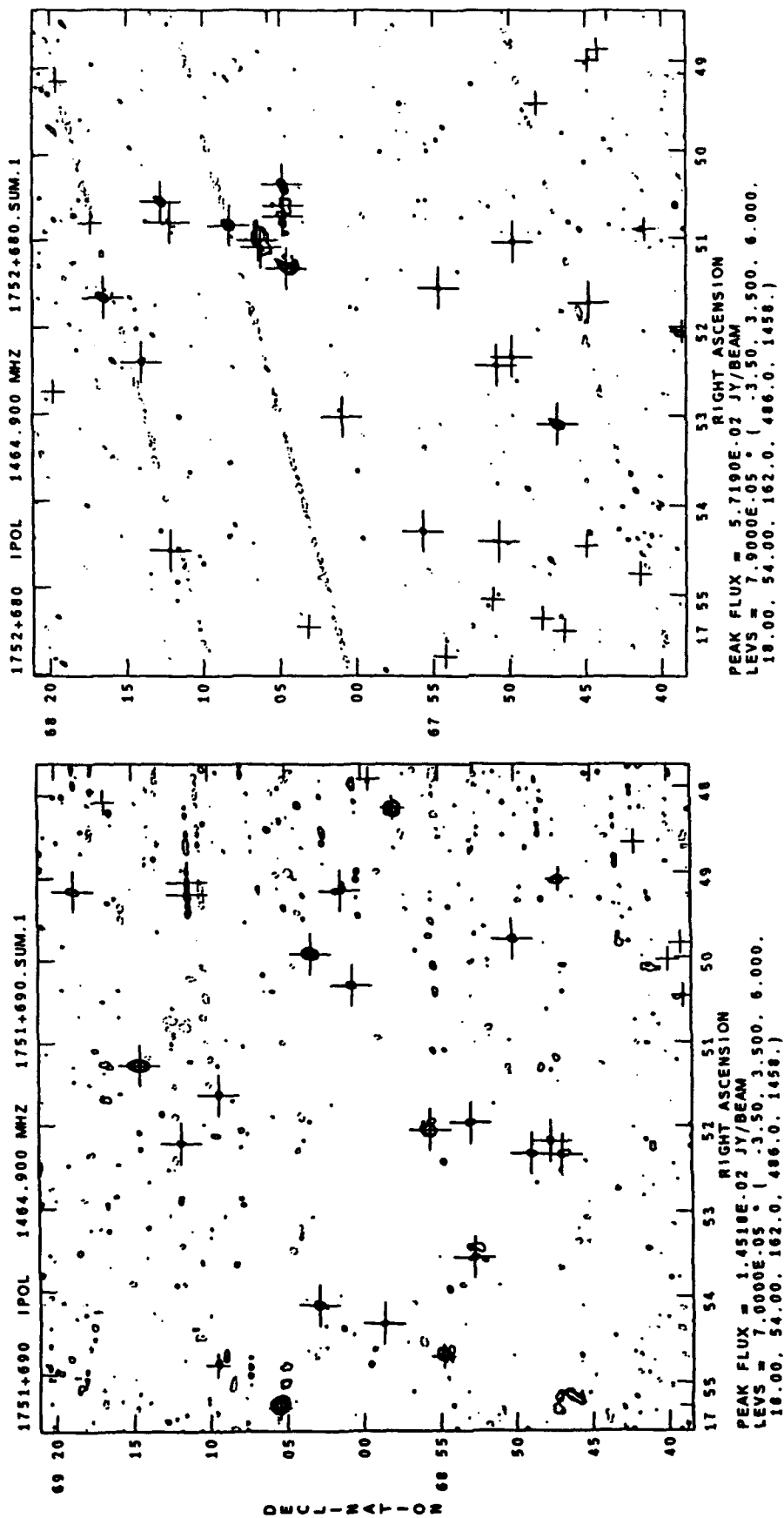


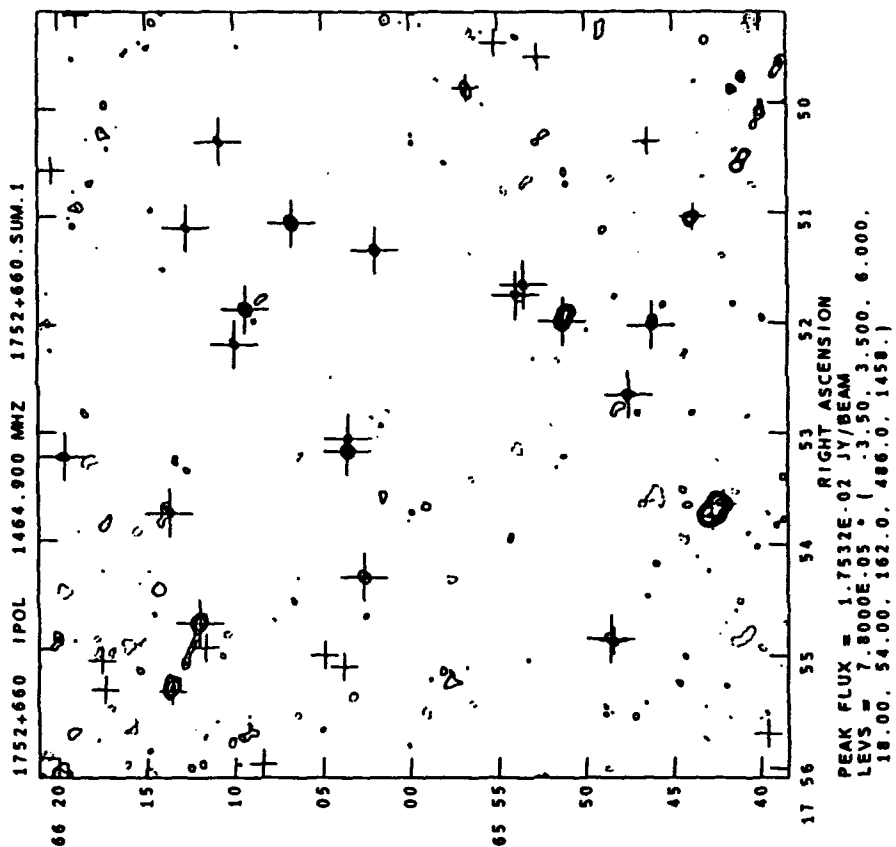
Figure 2 — Atlas of VLA-NEP Fields (continued).



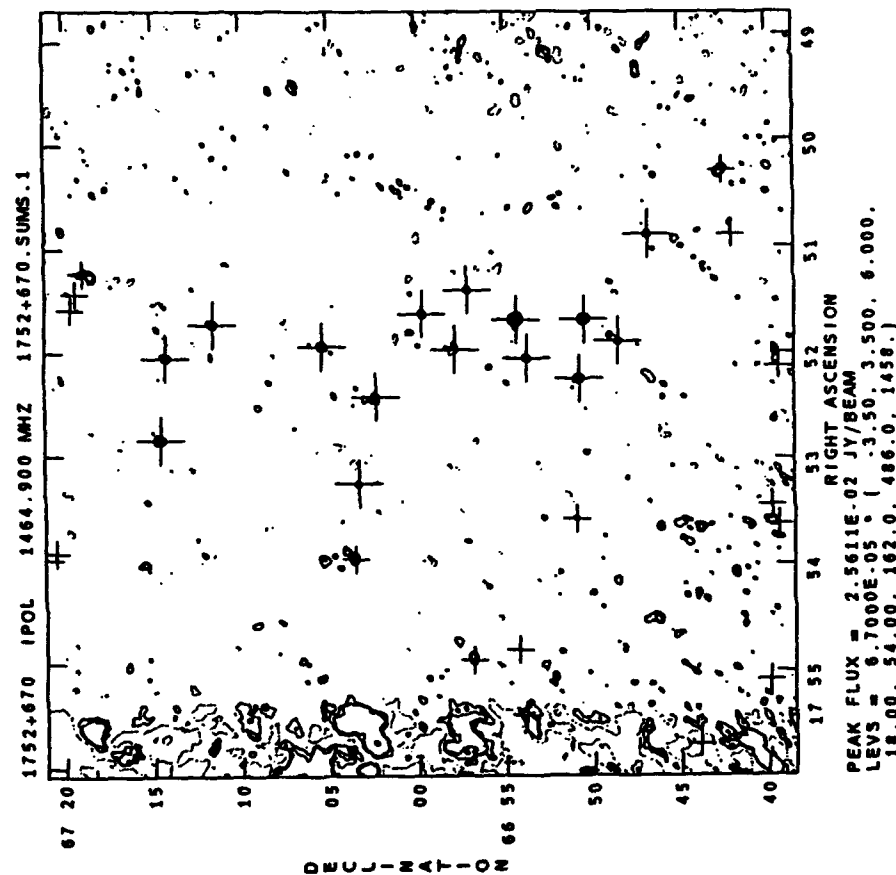
FIELD 39

FIELD 40

Figure 2 — Atlas of VLA-NEP Fields (continued).



FIELD 41



FIELD 42

Figure 2 — Atlas of VLA-NKP Fields (continued).

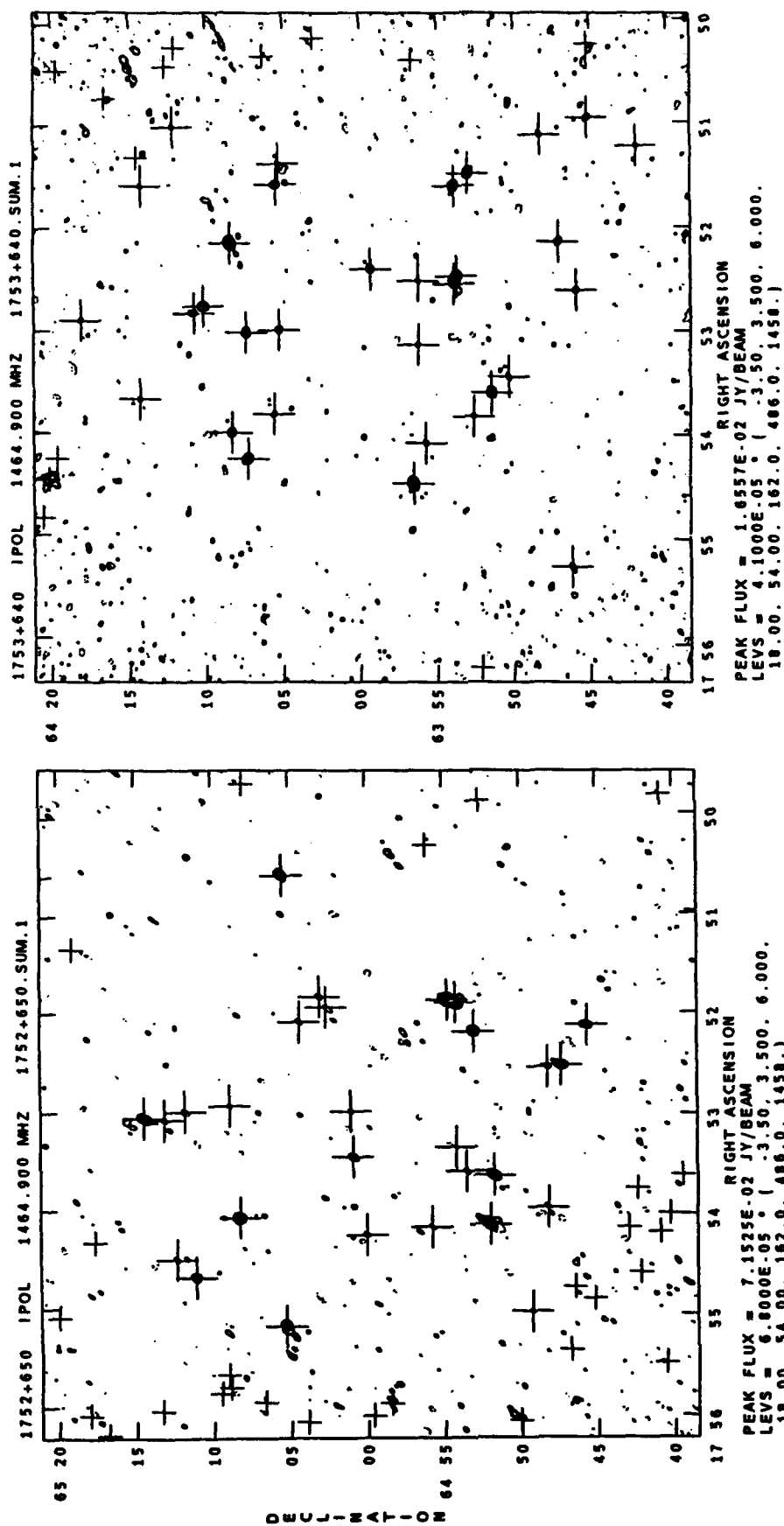
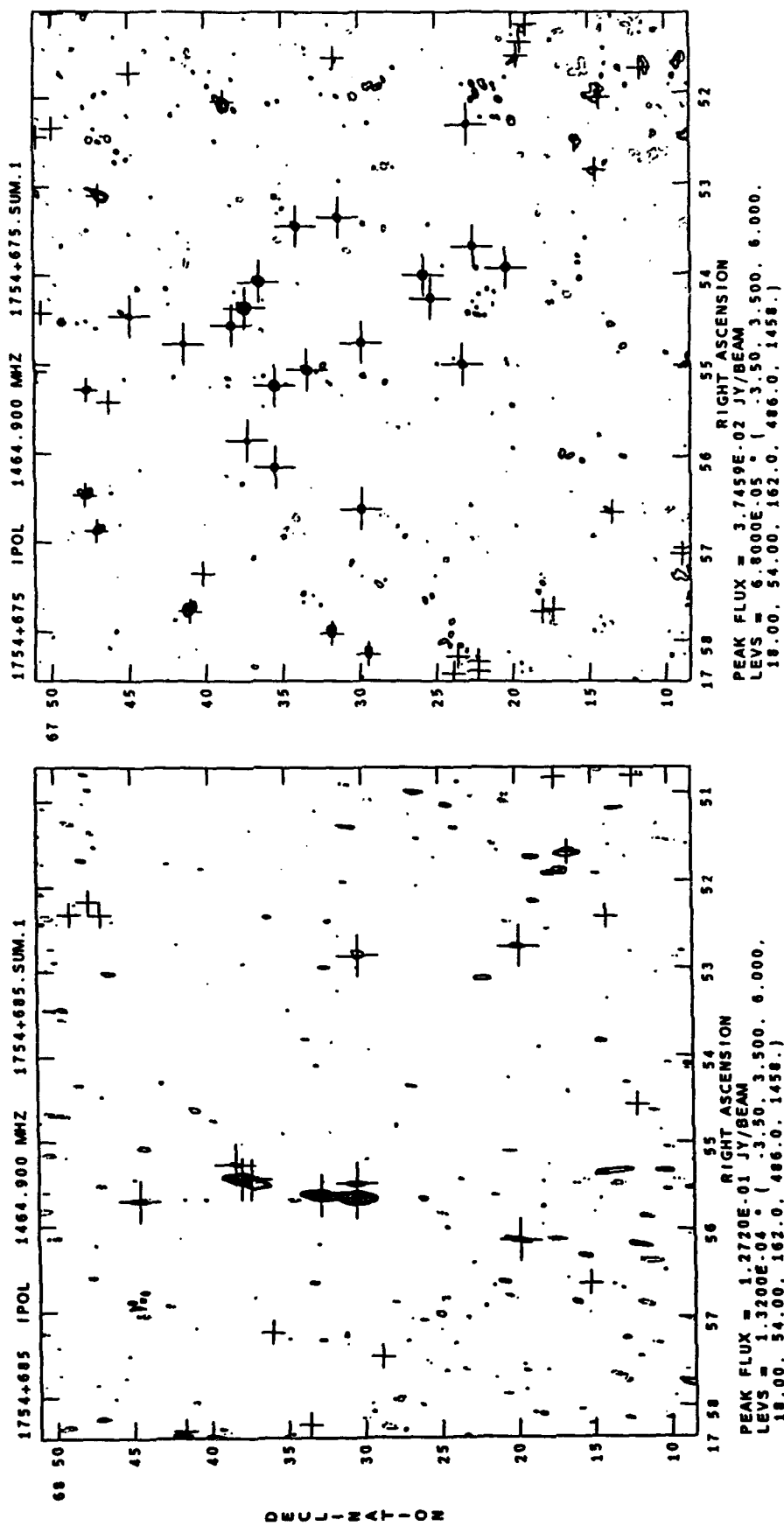


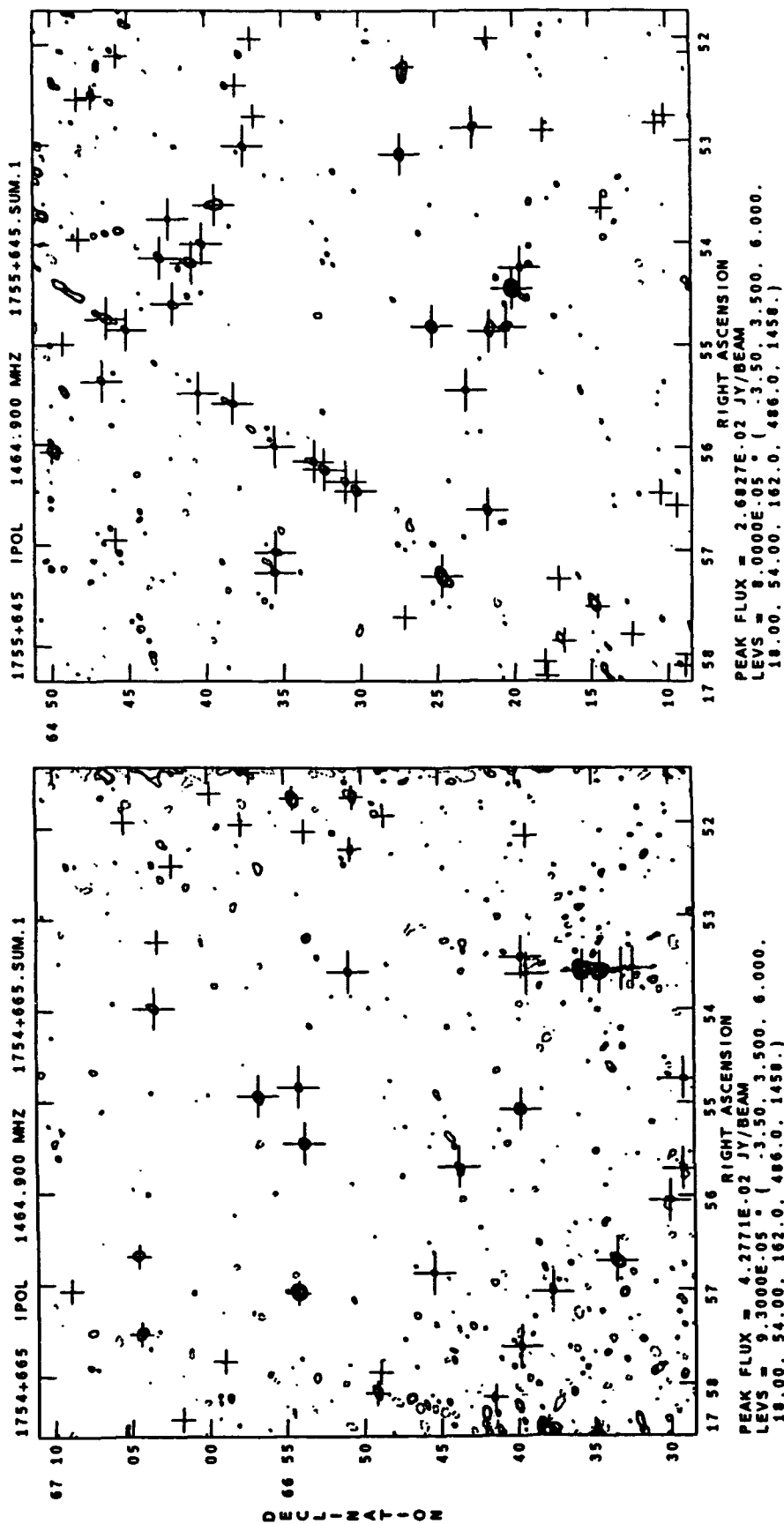
Figure 2 — Atlas of VLA-NEP Fields (continued).



FIELD 45

FIELD 46

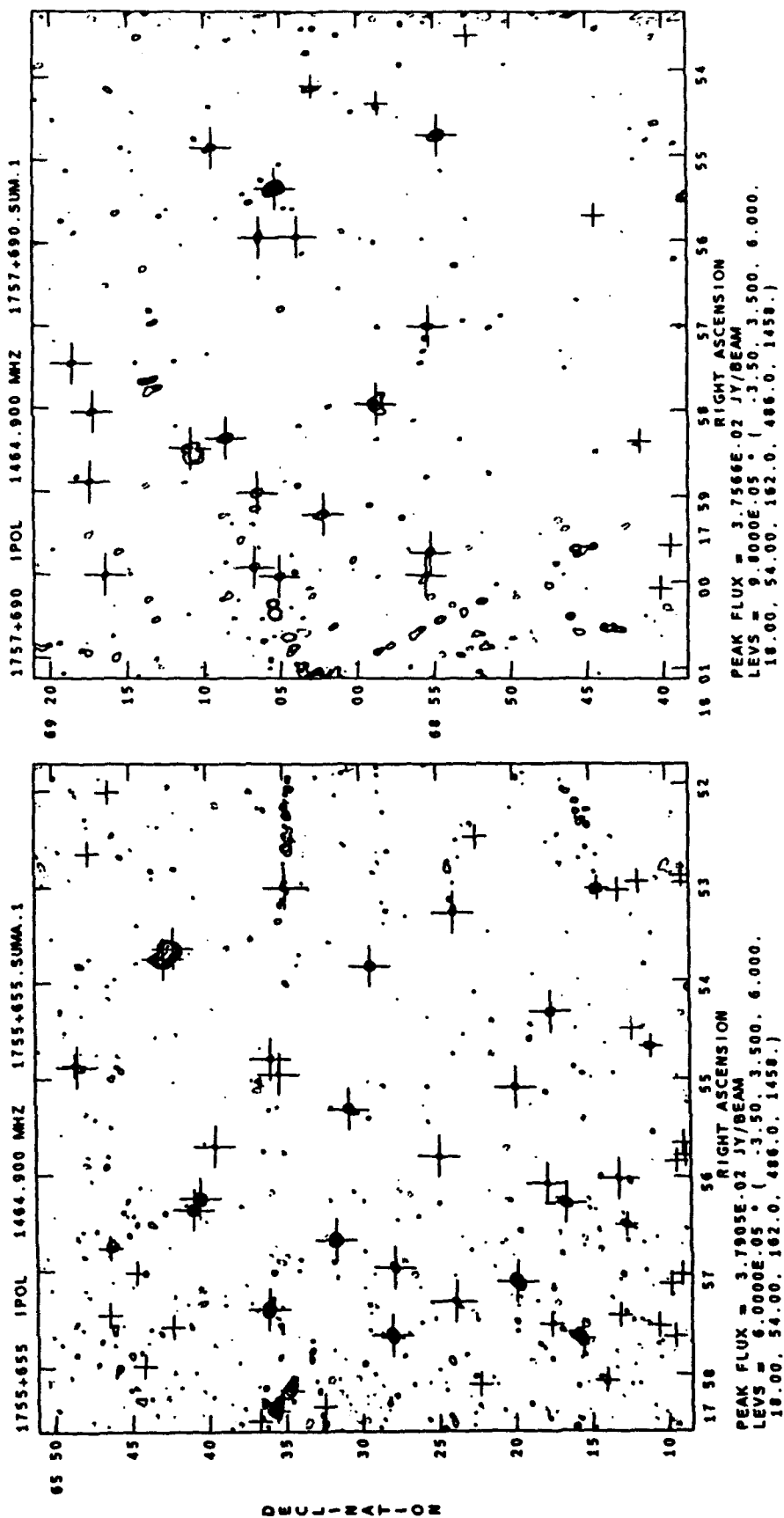
Figure 2 — Atlas of VLA-NEP Fields (continued).



FIELD 47

FIELD 48

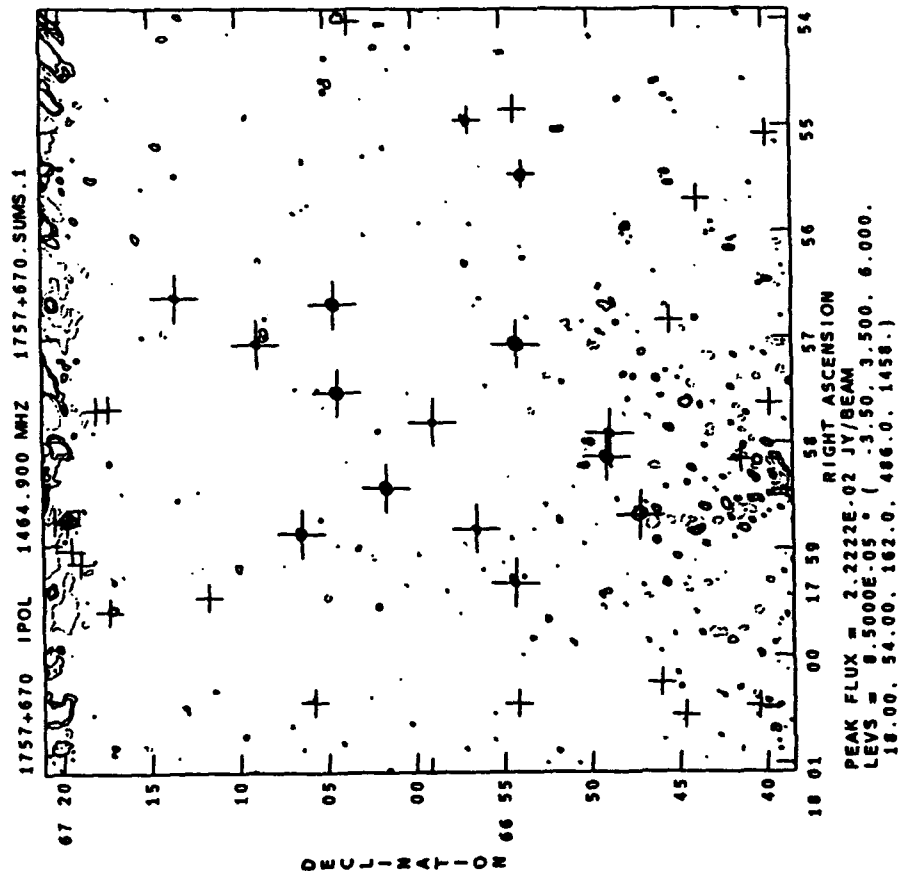
Figure 2 — Atlas of VLA-NEP Fields (continued).



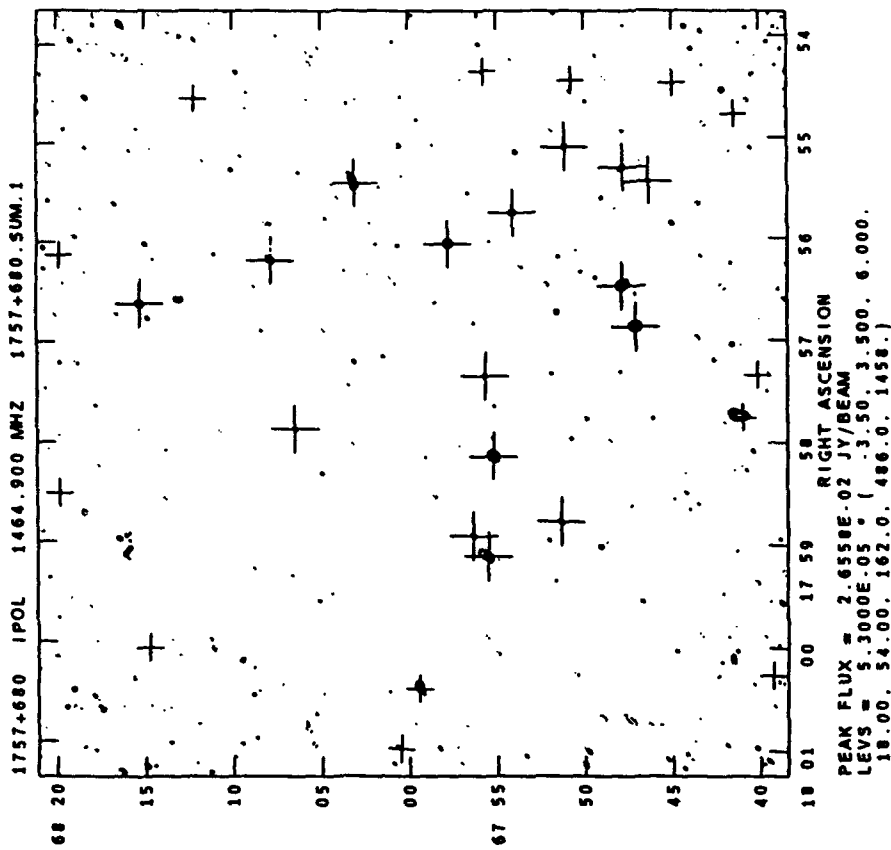
FIELD 49

FIELD 50

Figure 2 — Atlas of VLA-NEP Fields (continued).



FIELD 51



FIELD 52

Figure 2 — Atlas of VLA-NEP Fields (continued).

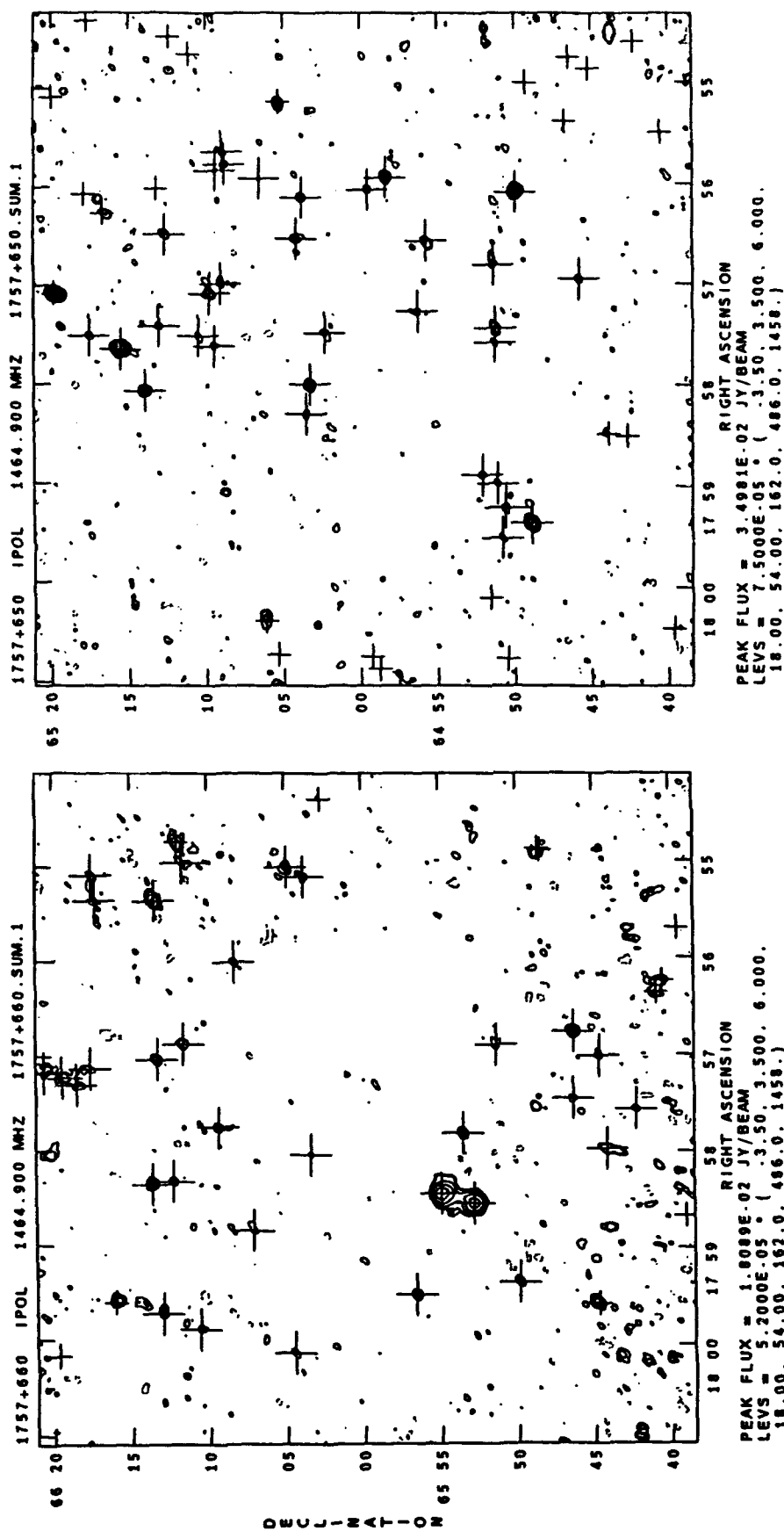
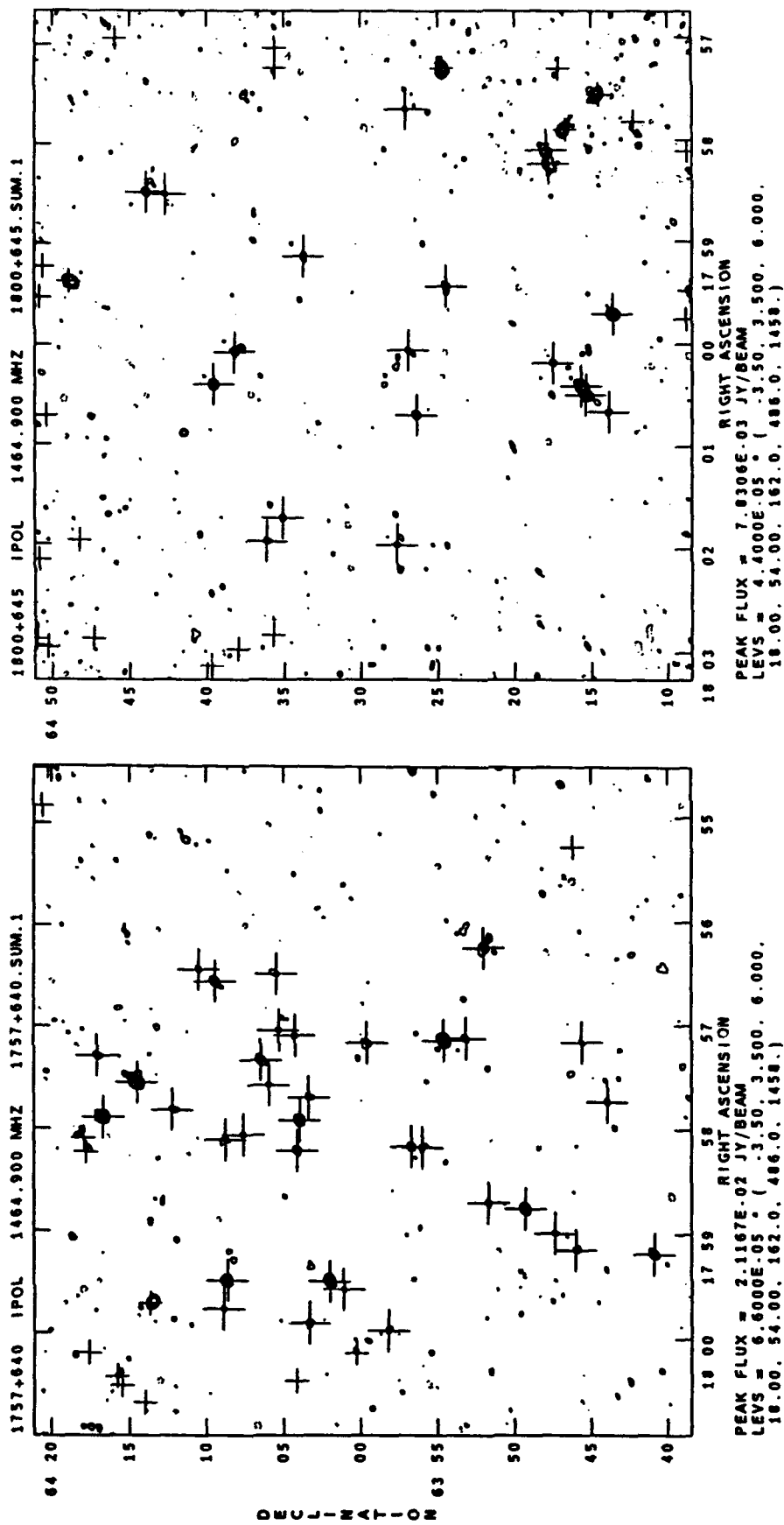


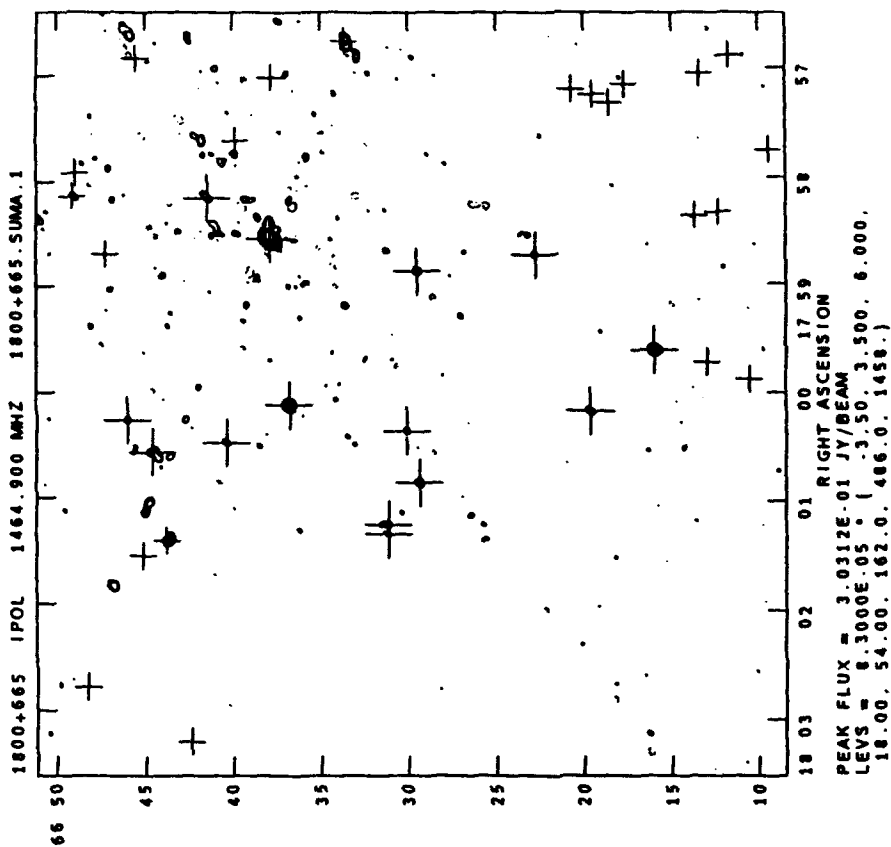
Figure 2 — Atlas of VLA-NEP Fields (continued).



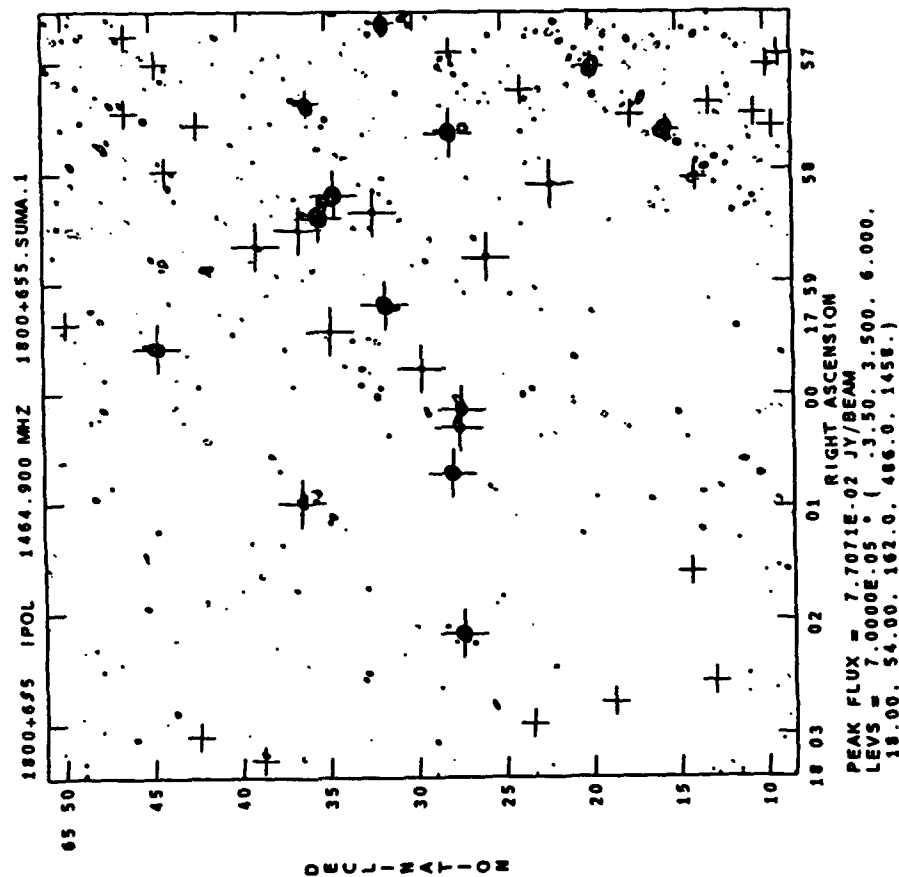
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FIELD 56

Figure 2 — Atlas of VLA-NEP Fields (continued).

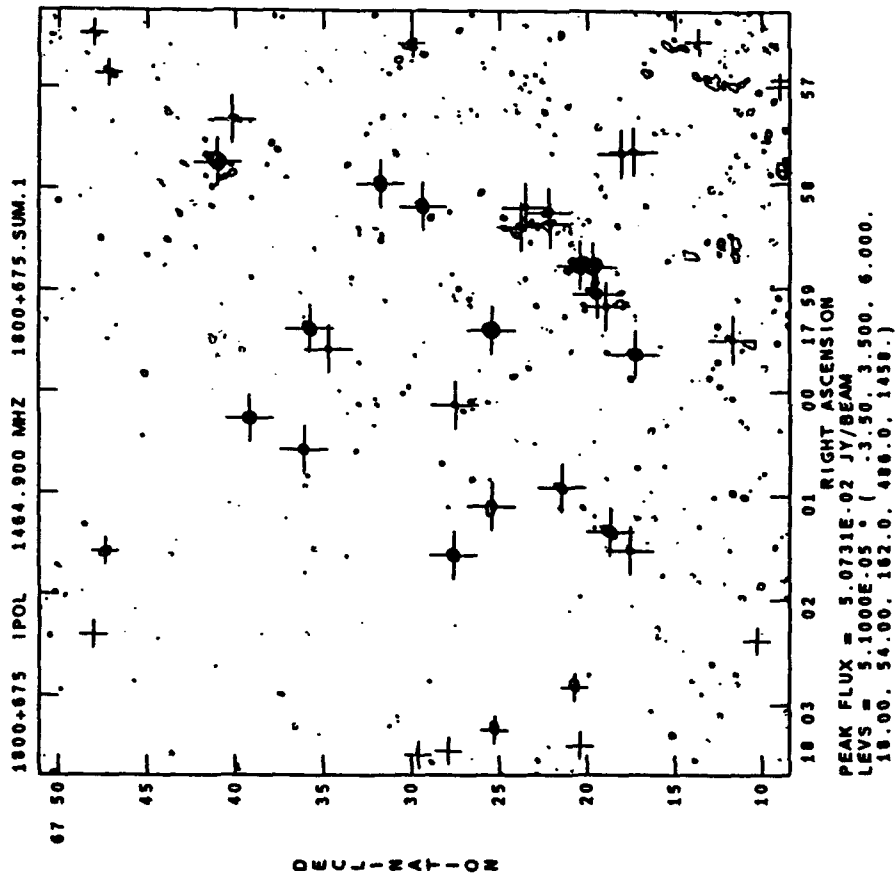


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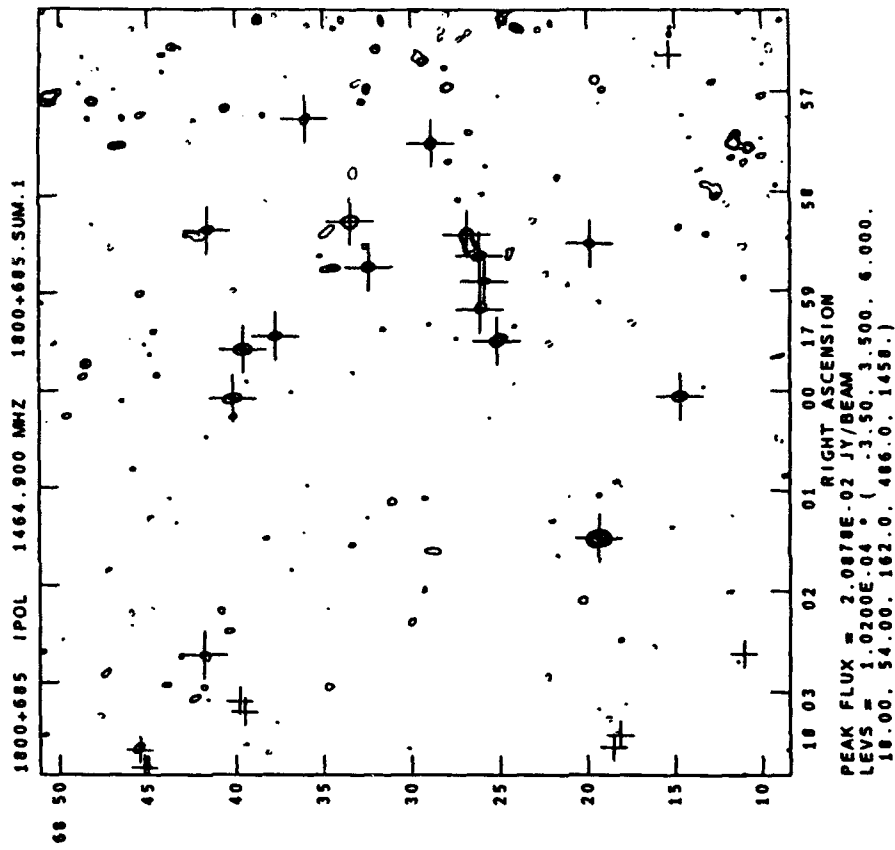


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Figure 2 — Atlas of VLA-NEP Fields (continued).

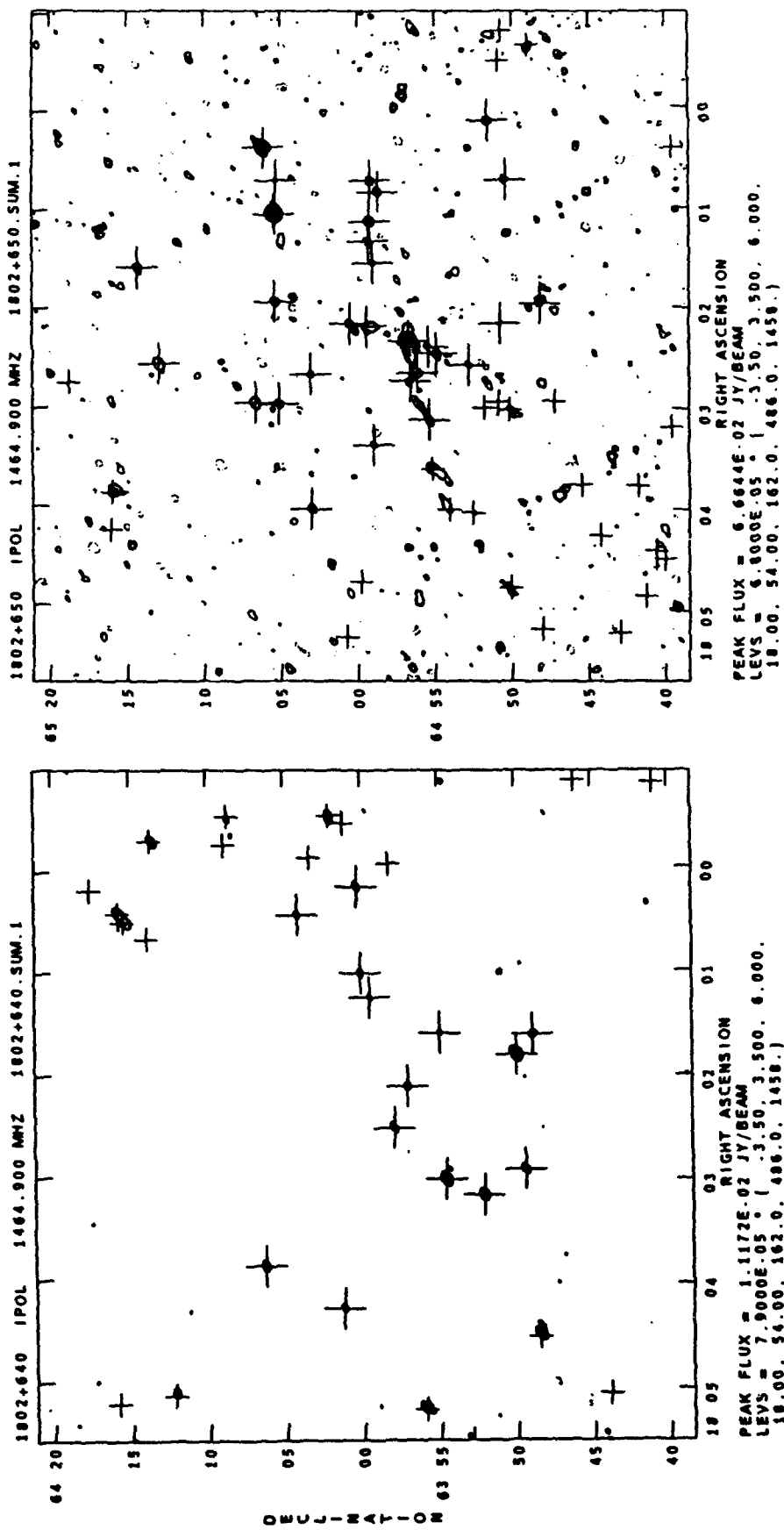


FIELD 59



FIELD 60

Figure 2 — Atlas of VLA-NEP Fields (continued).



FIELD 62

FIELD 61

Figure 2 — Atlas of VLA-NEP Fields (continued).

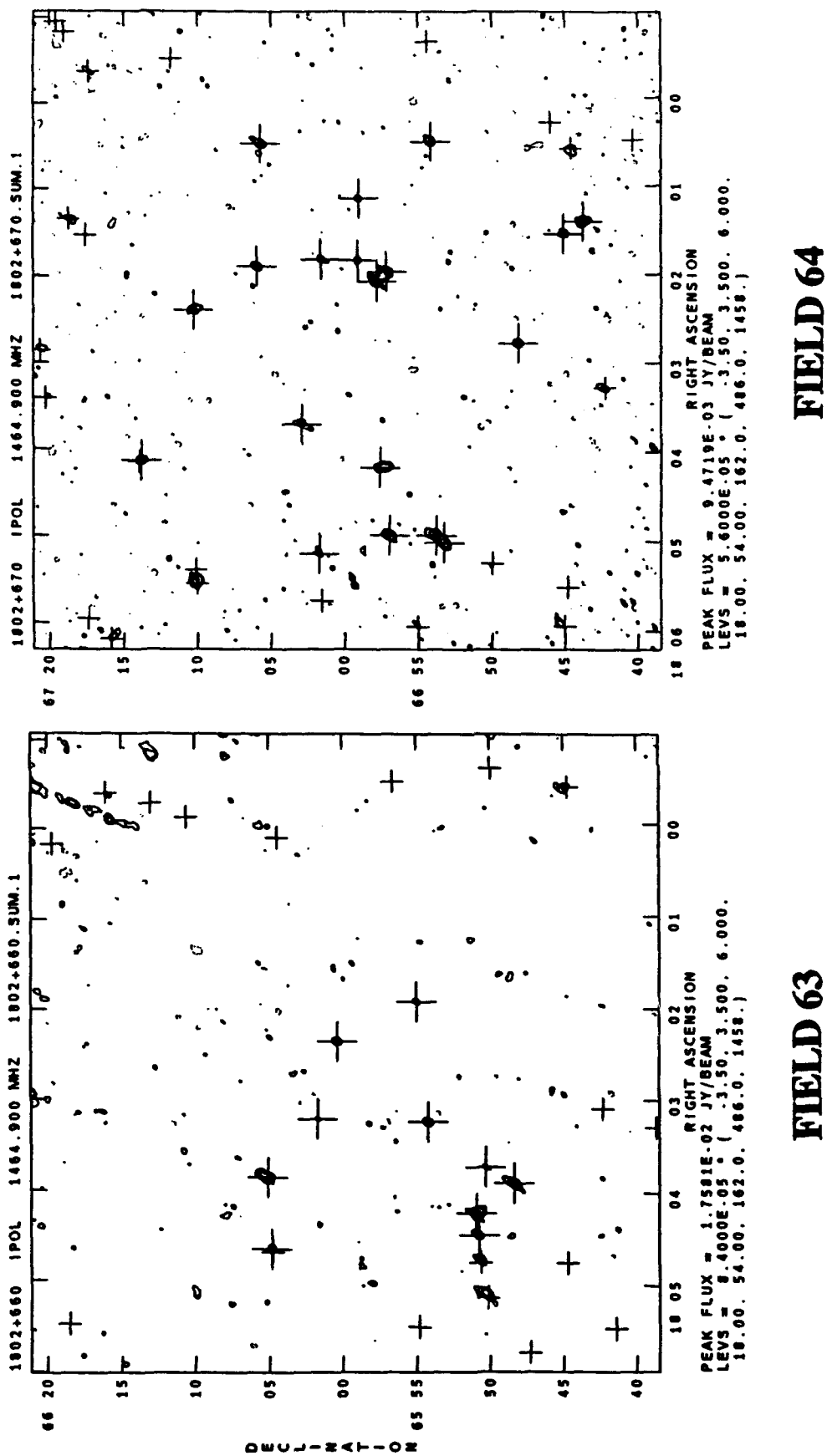
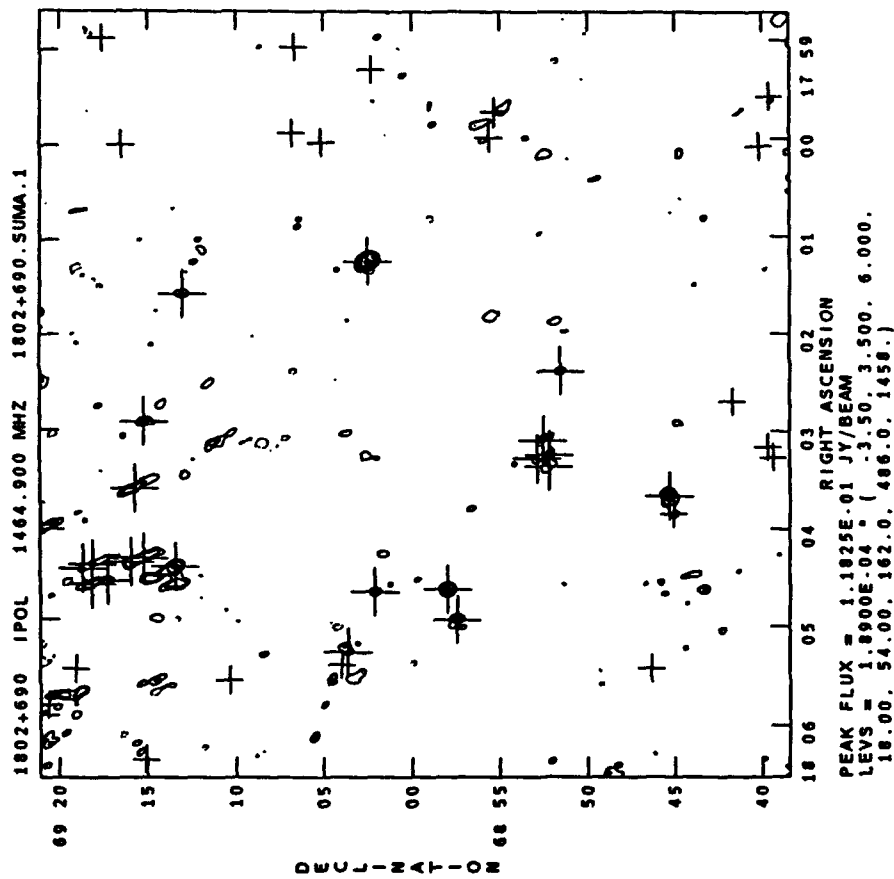
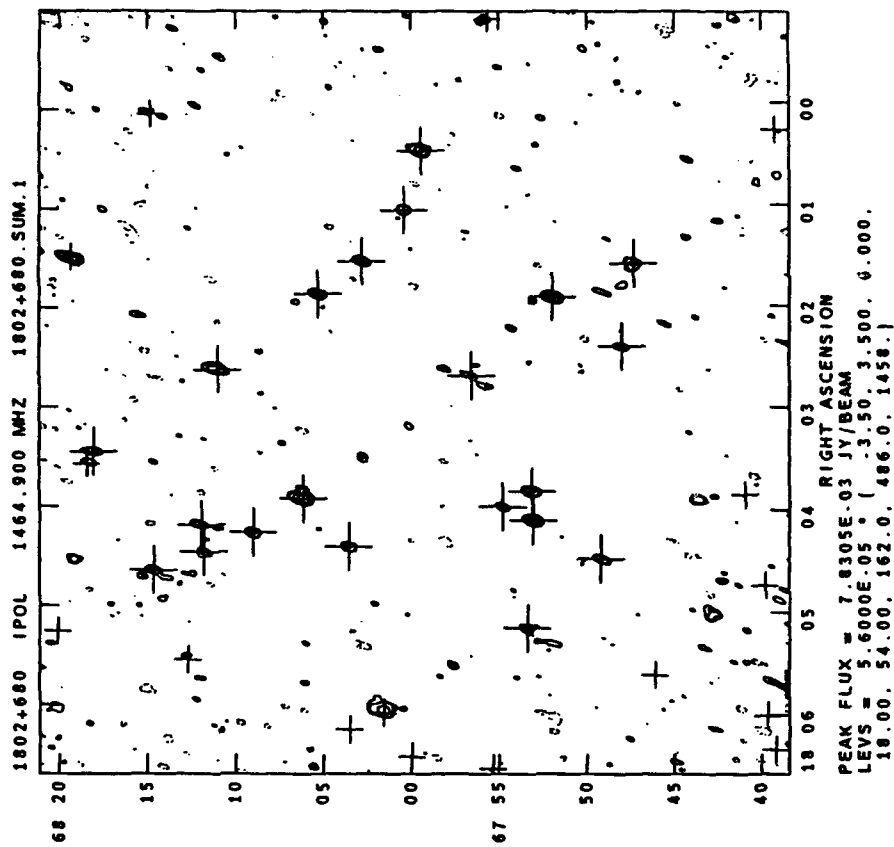


Figure 2 — Atlas of VLA-NEP Fields (continued).

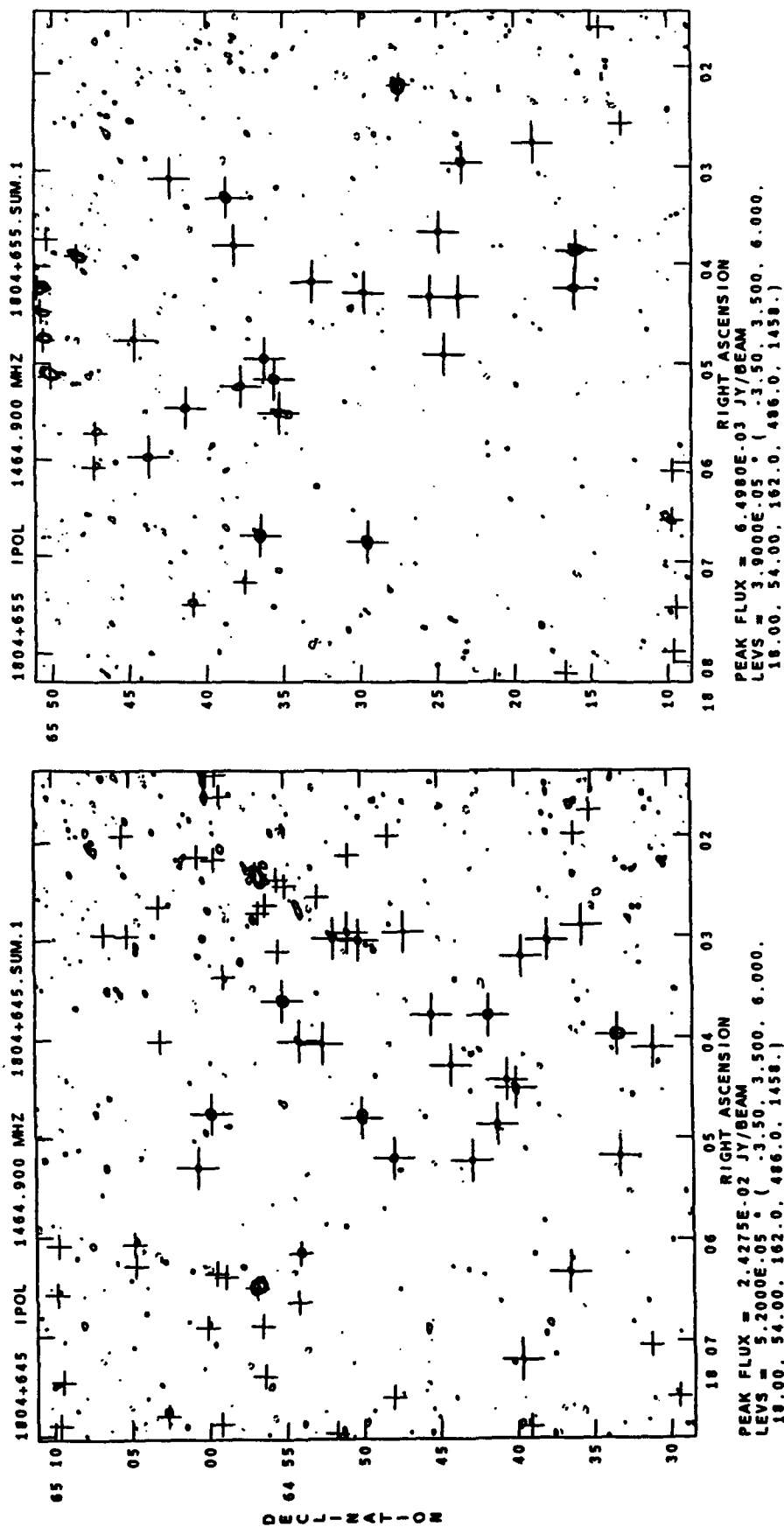


FIELD 65



FIELD 66

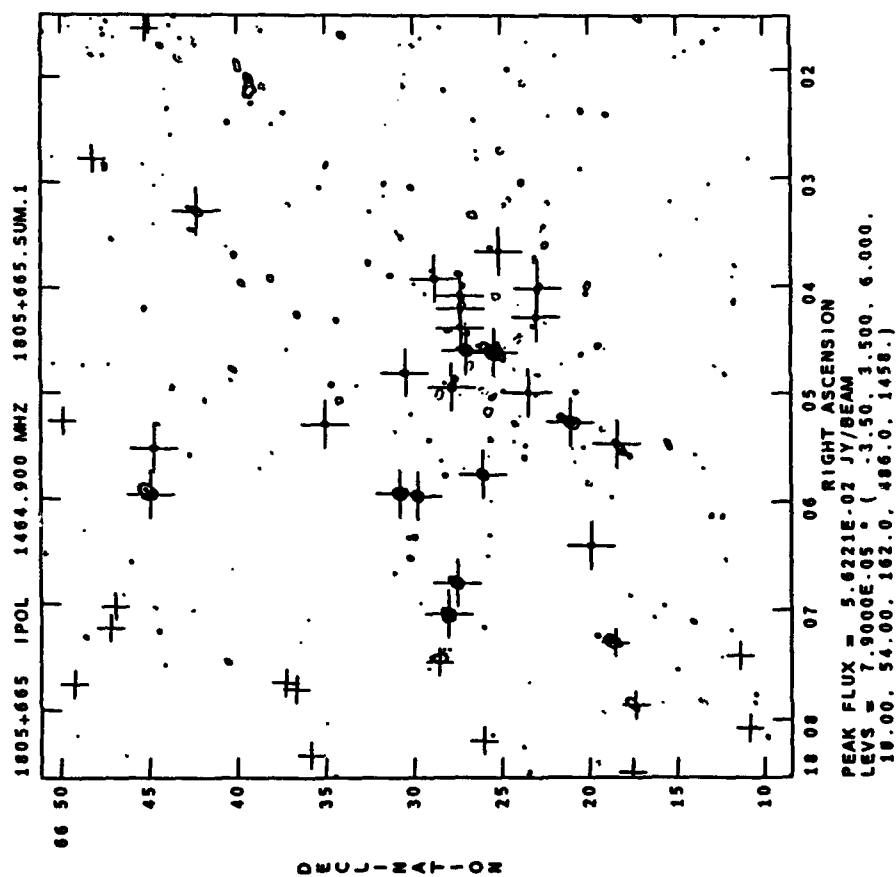
Figure 2 — Atlas of VLA-NEP Fields (continued).



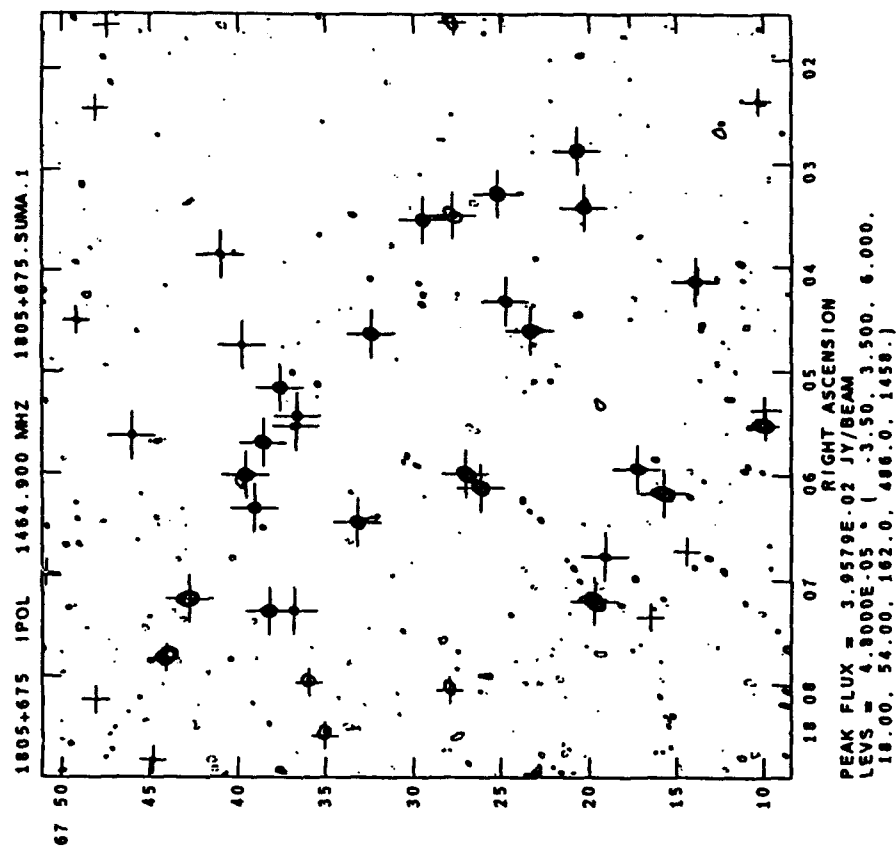
FIELD 67

FIELD 68

Figure 2 — Atlas of VLA-NEP Fields (continued).

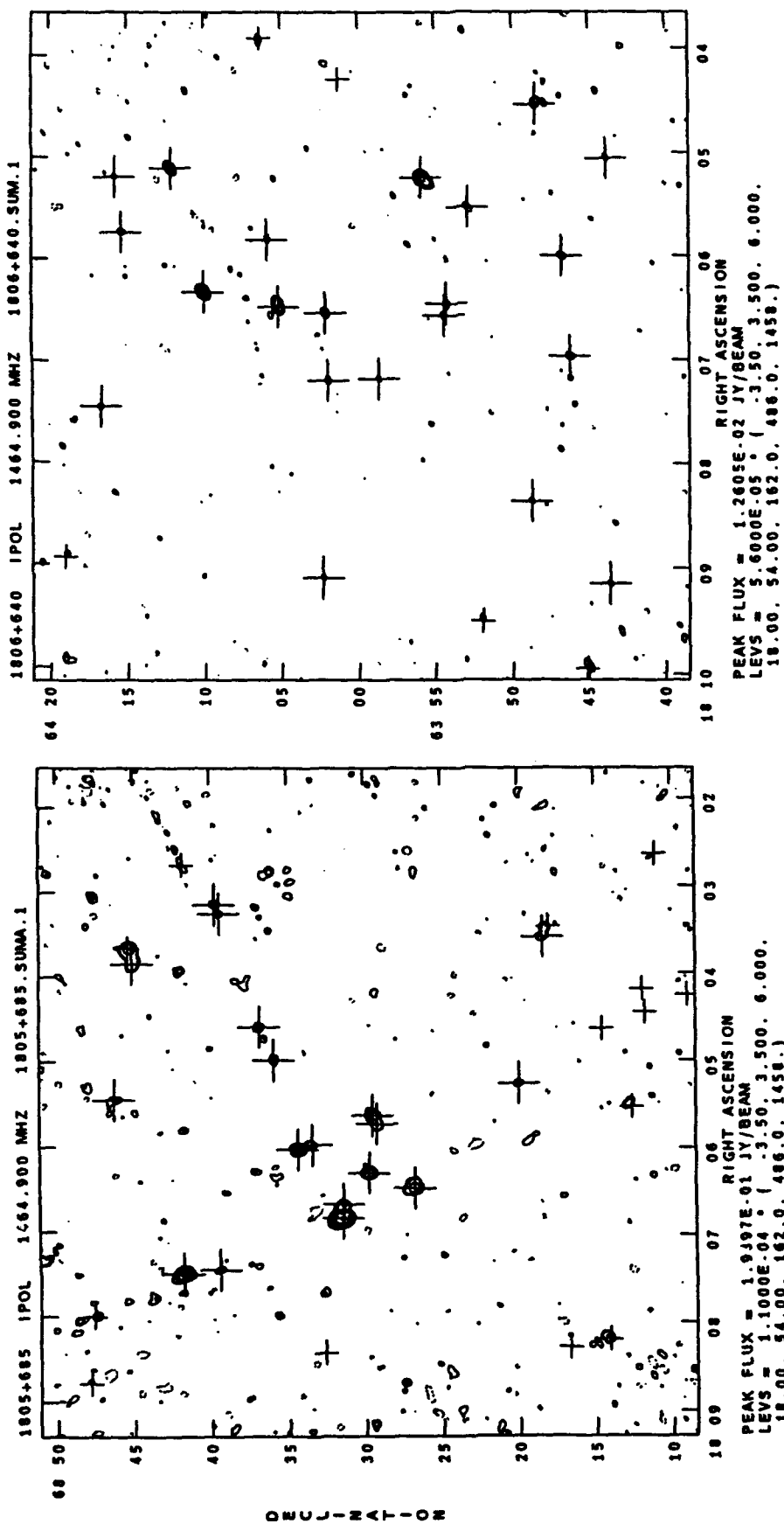


FIELD 69



FIELD 70

Figure 2 — Atlas of VLA-NEP Fields (continued).



FIELD 71

FIELD 72

Figure 2 — Atlas of VLA-NEP Fields (continued).

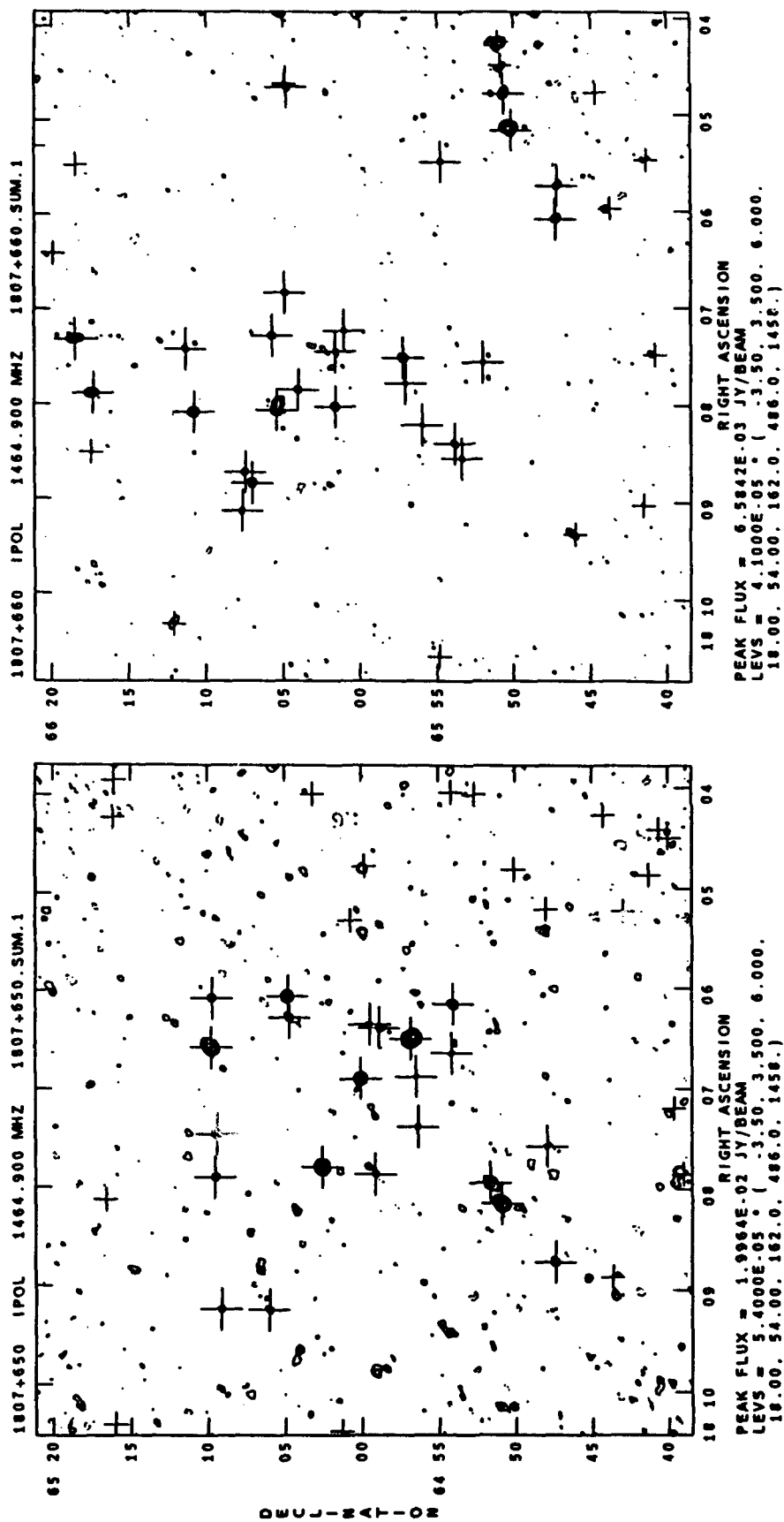
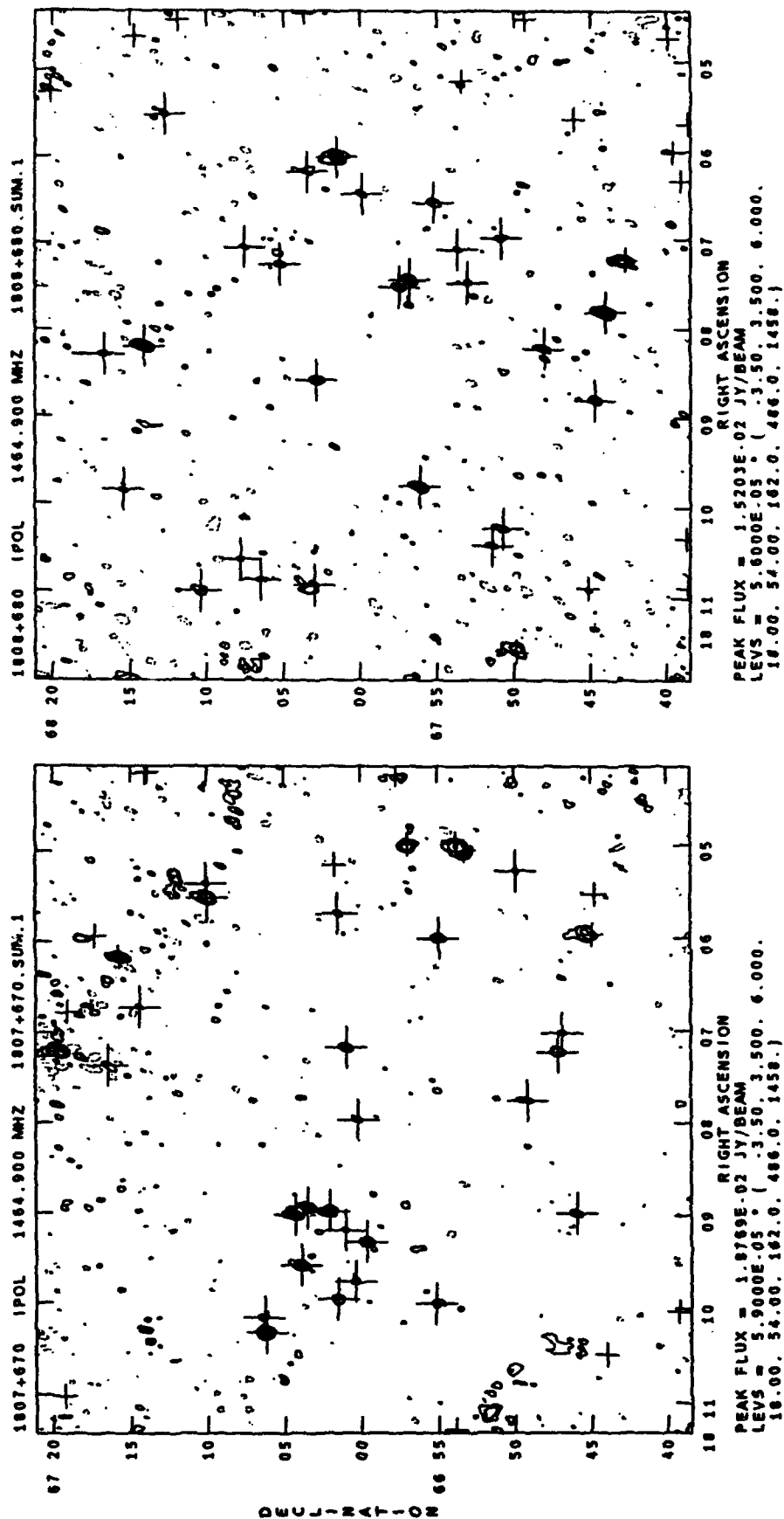


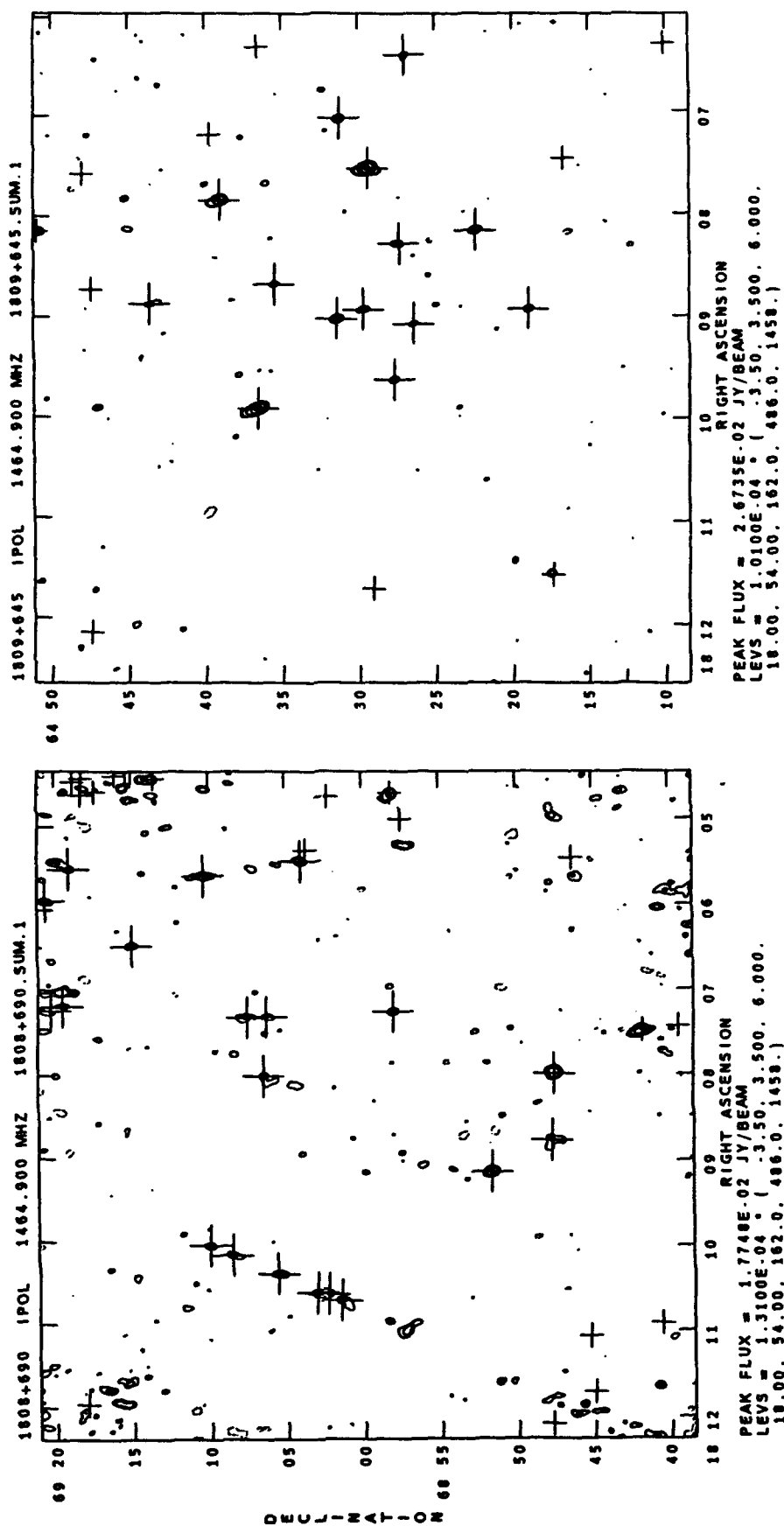
Figure 2 — Atlas of VLA-NEP Fields (continued).



FIELD 75

FIELD 76

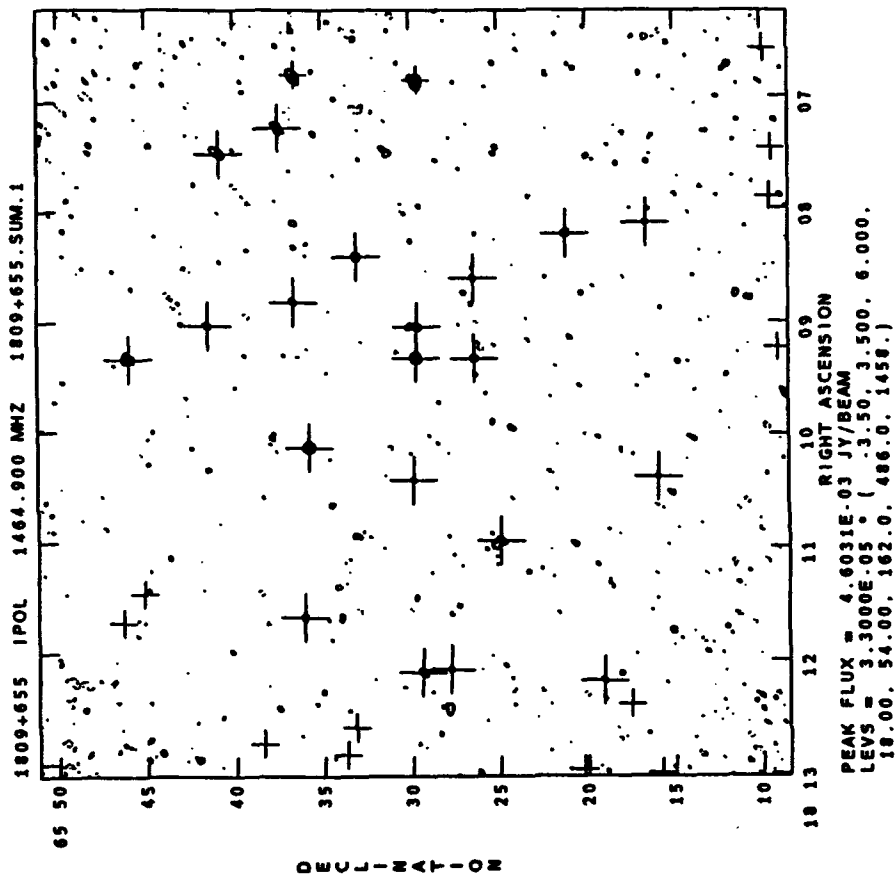
Figure 2 — Atlas of VLA-NEP Fields (continued).



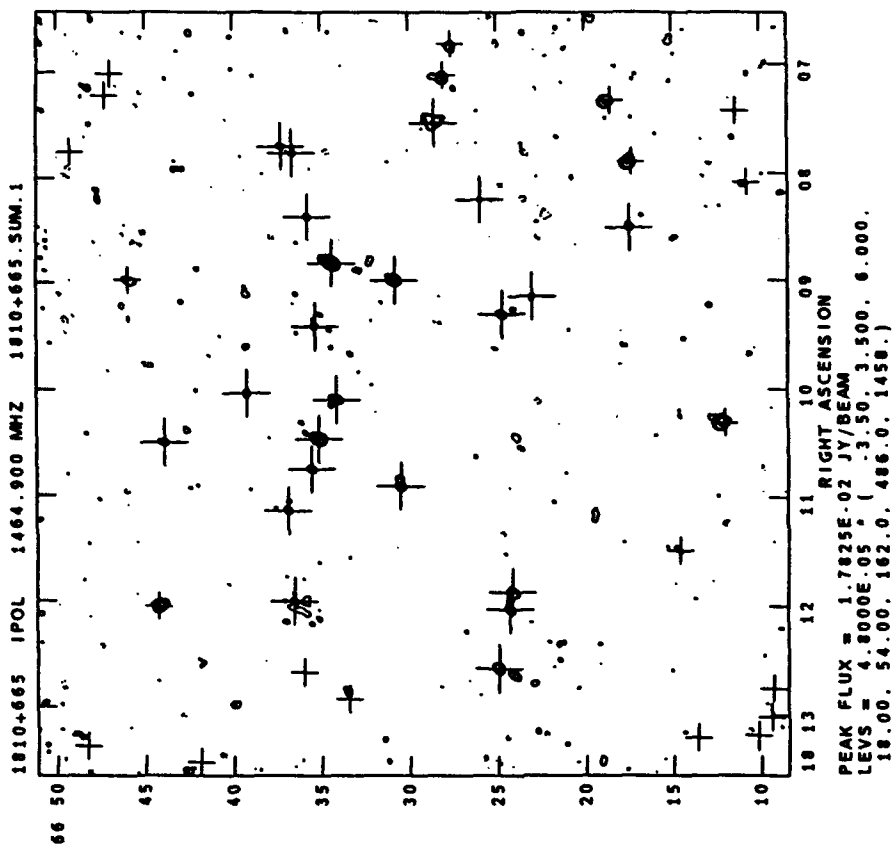
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FIELD 78

Figure 2 — Atlas of VLA-NEP Fields (continued).

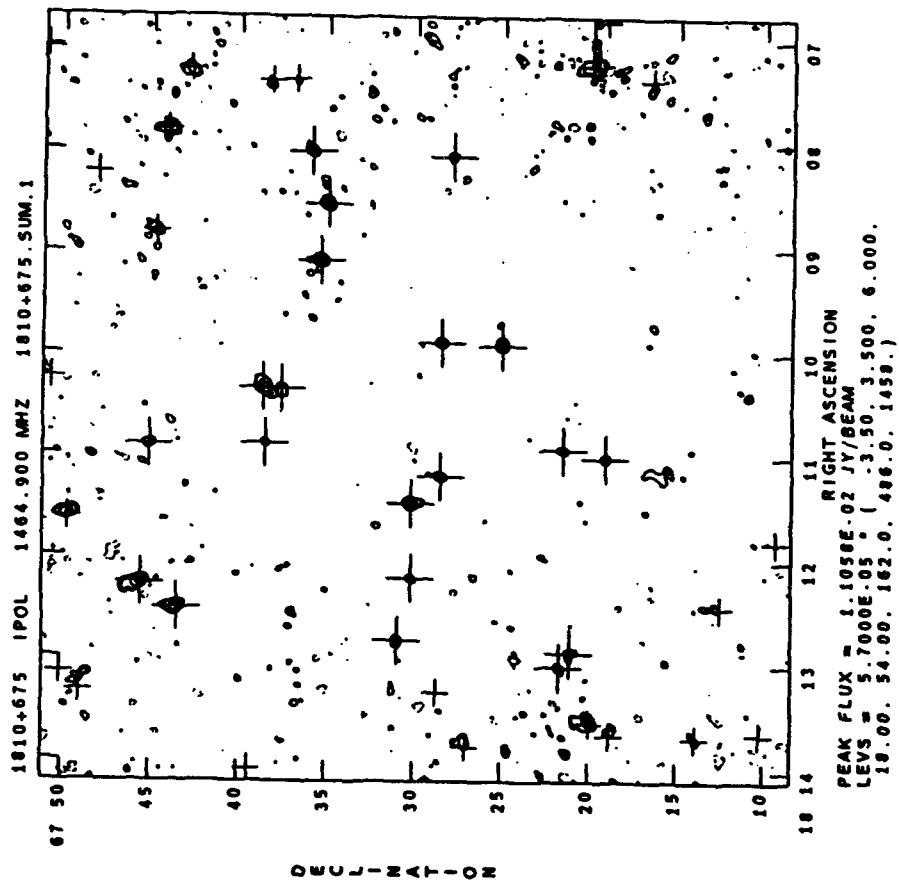


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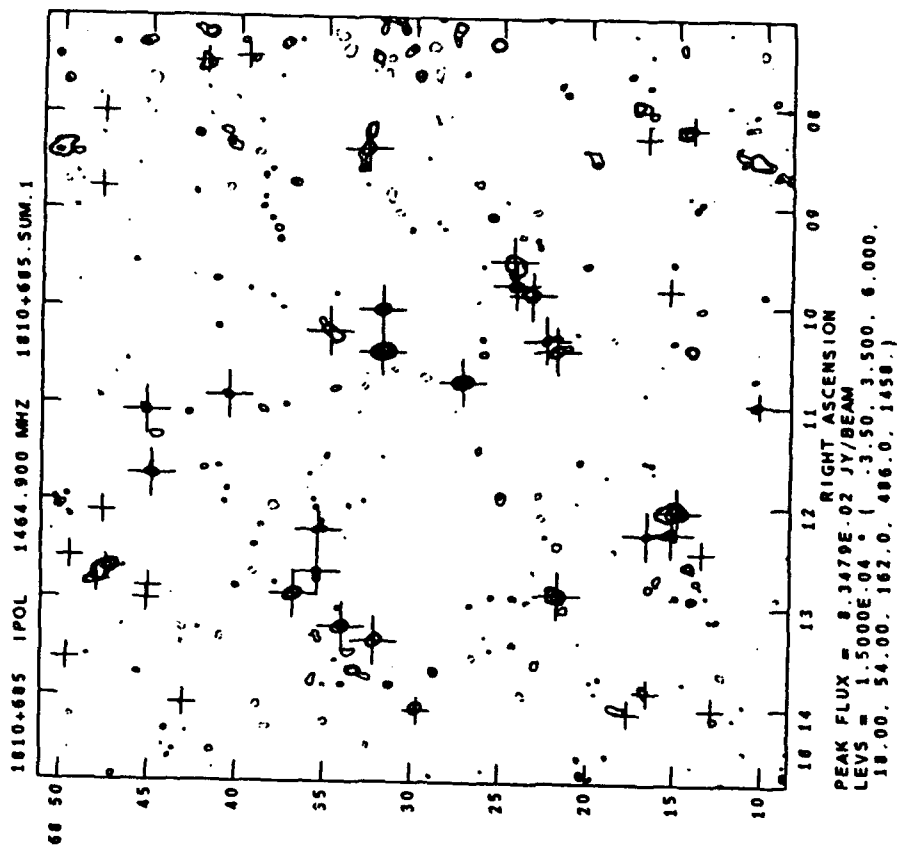


FIELD 80

Figure 2 — Atlas of VLA-NEP Fields (continued).

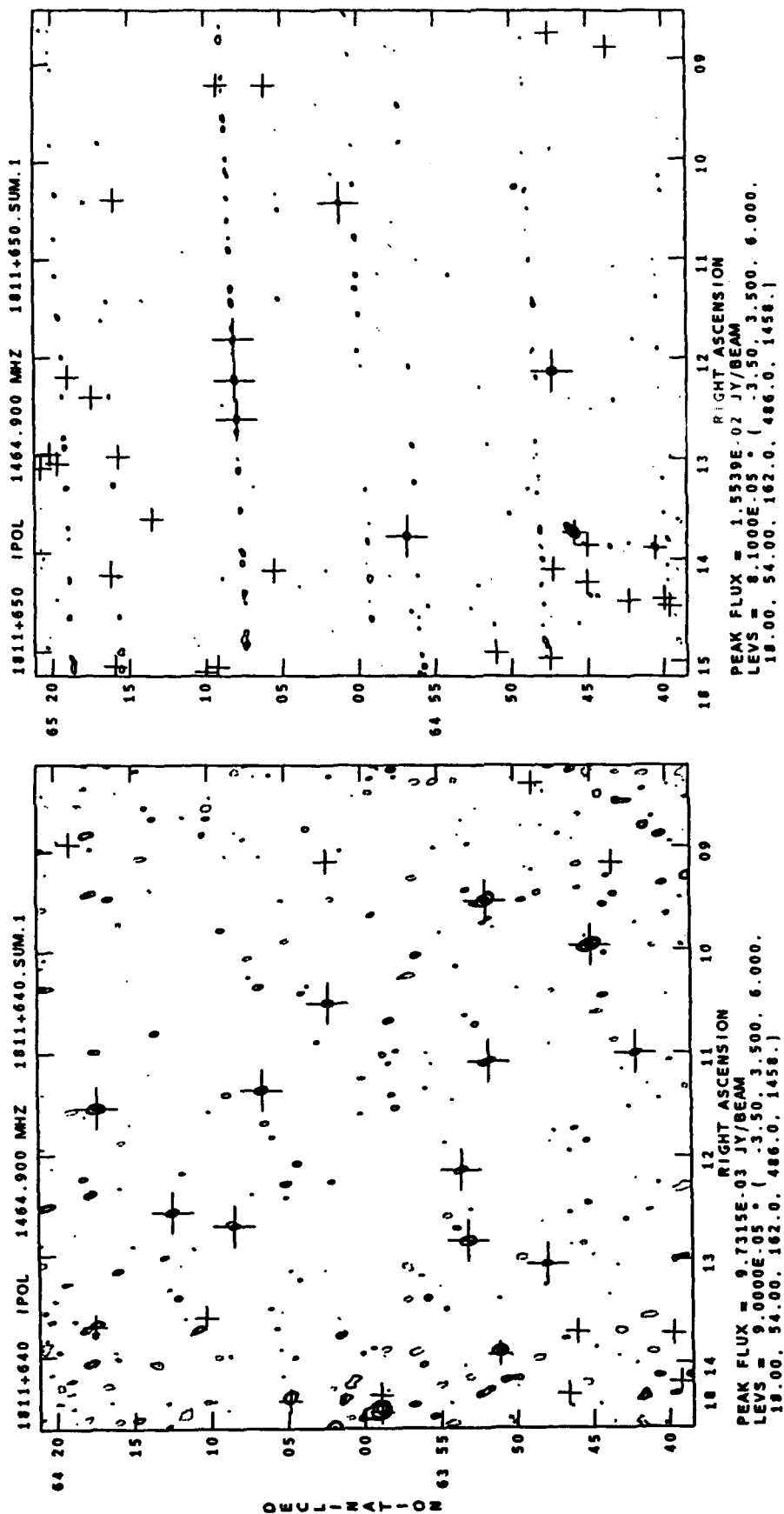


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FIELD 82

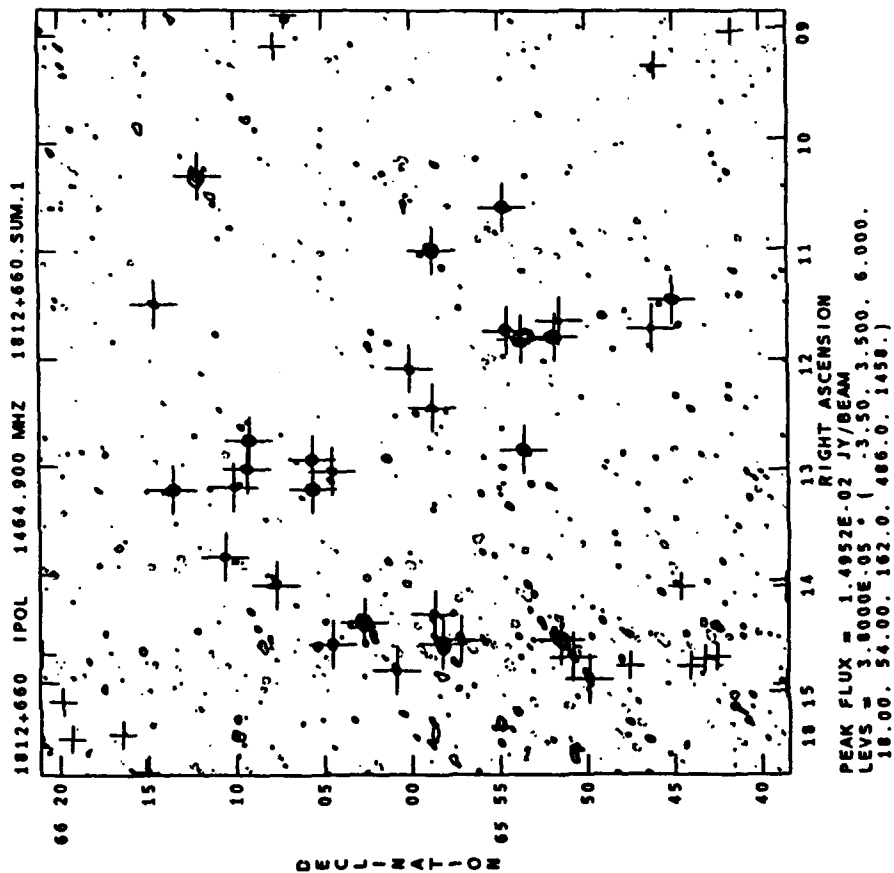
Figure 2 — Atlas of VLA-NEP Fields (continued).



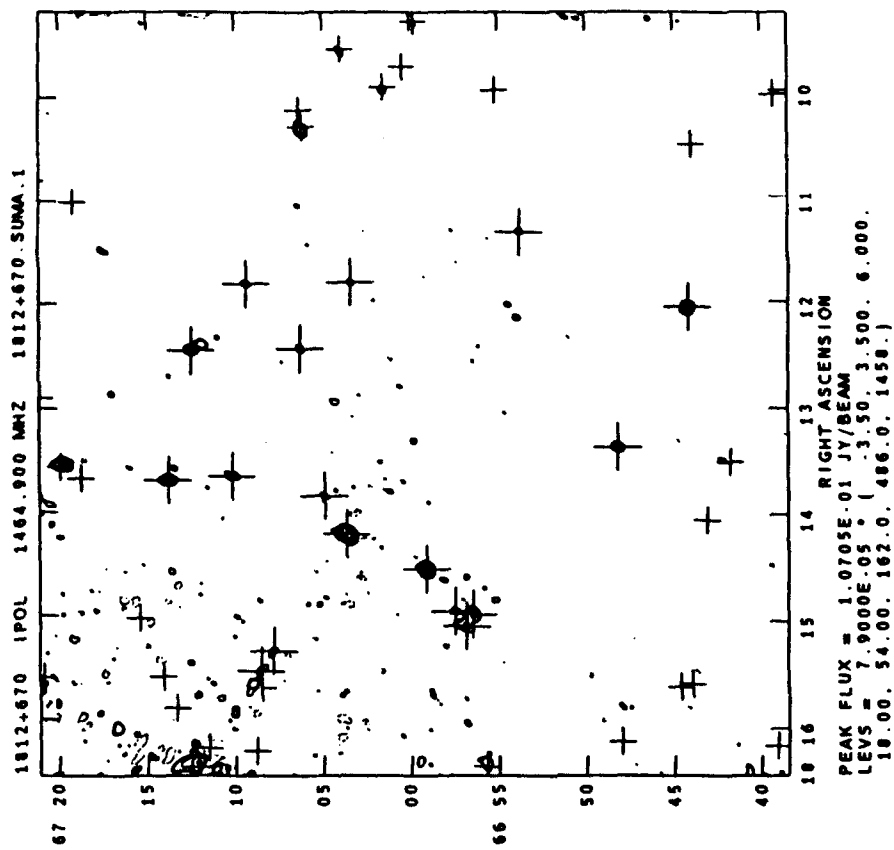
FIELD 83

FIELD 84

Figure 2 — Atlas of VLA-NEP Fields (continued).



FIELD 85



FIELD 86

Figure 2 — Atlas of VLA-NEP Fields (continued).

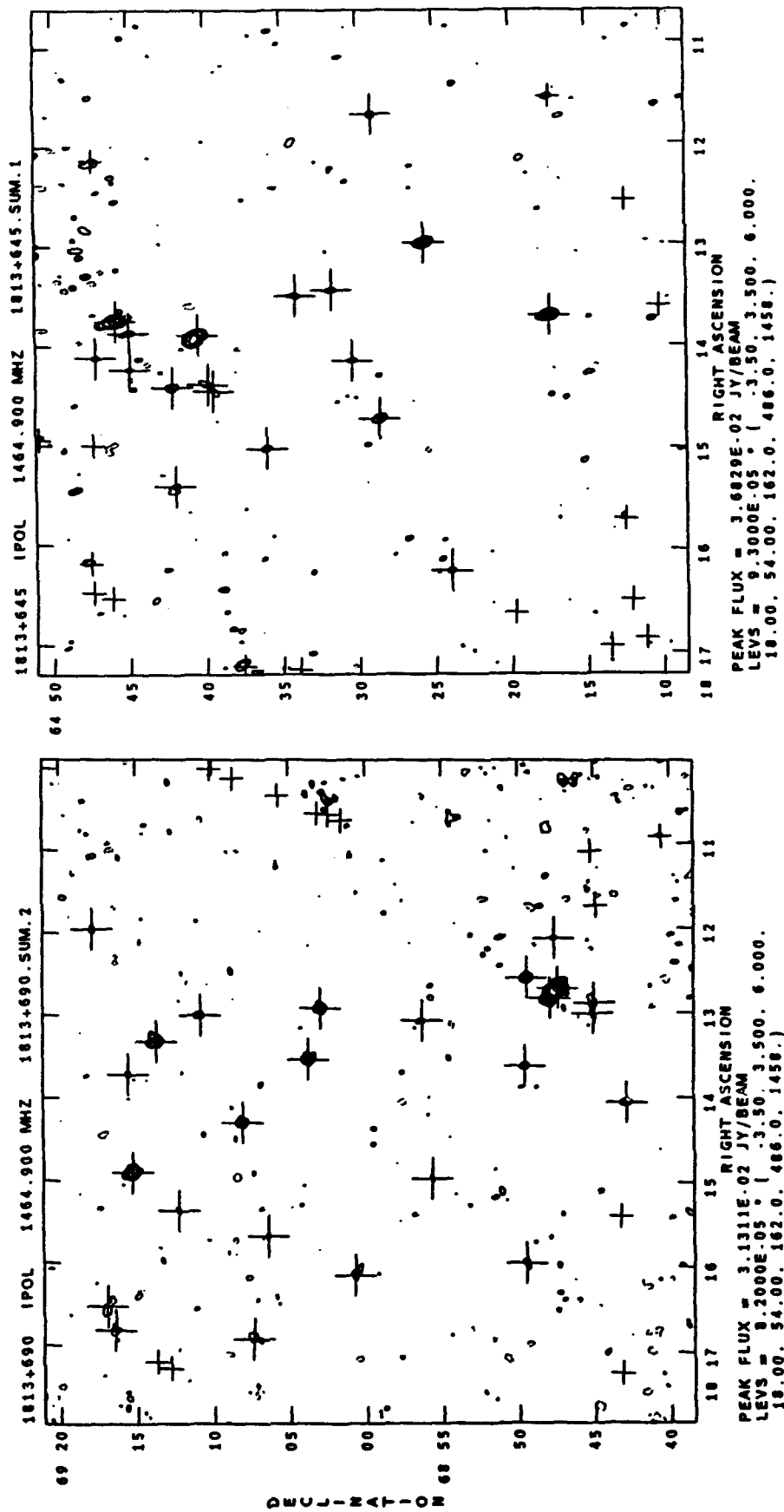


Figure 2 — Atlas of VLA-NEP Fields (continued).

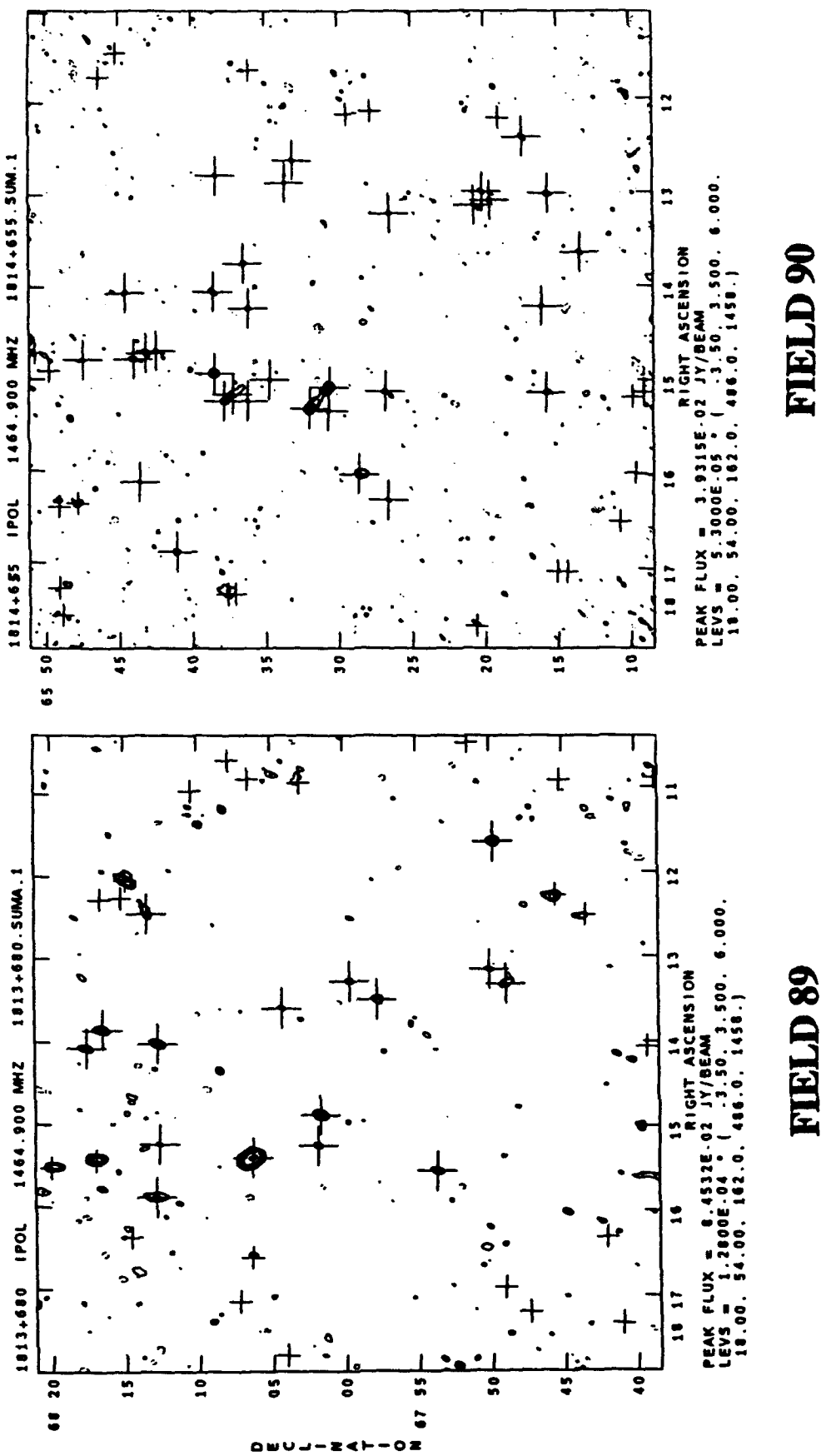
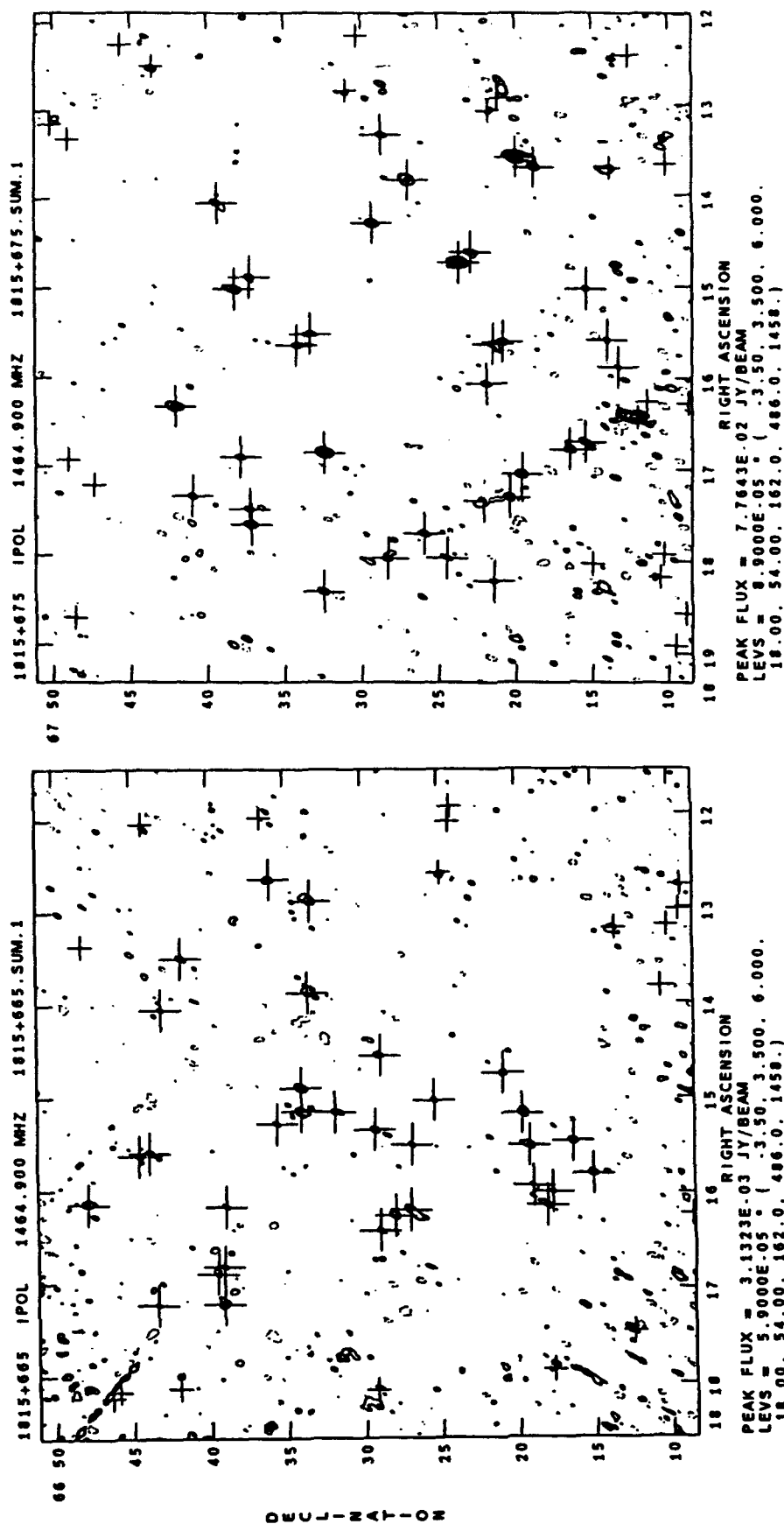


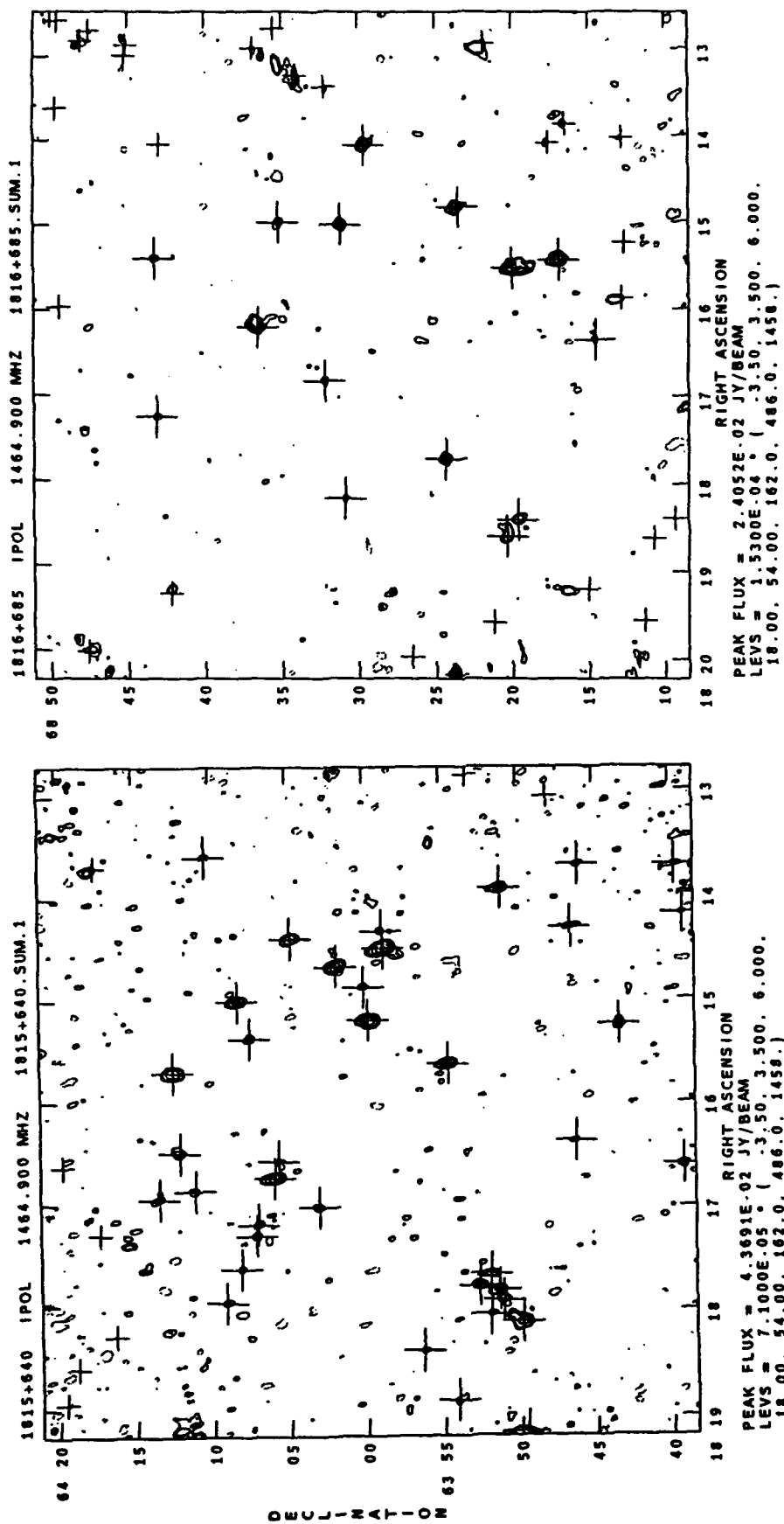
Figure 2 — Atlas of VLA-NEP Fields (continued).



FIELD 91

FIELD 92

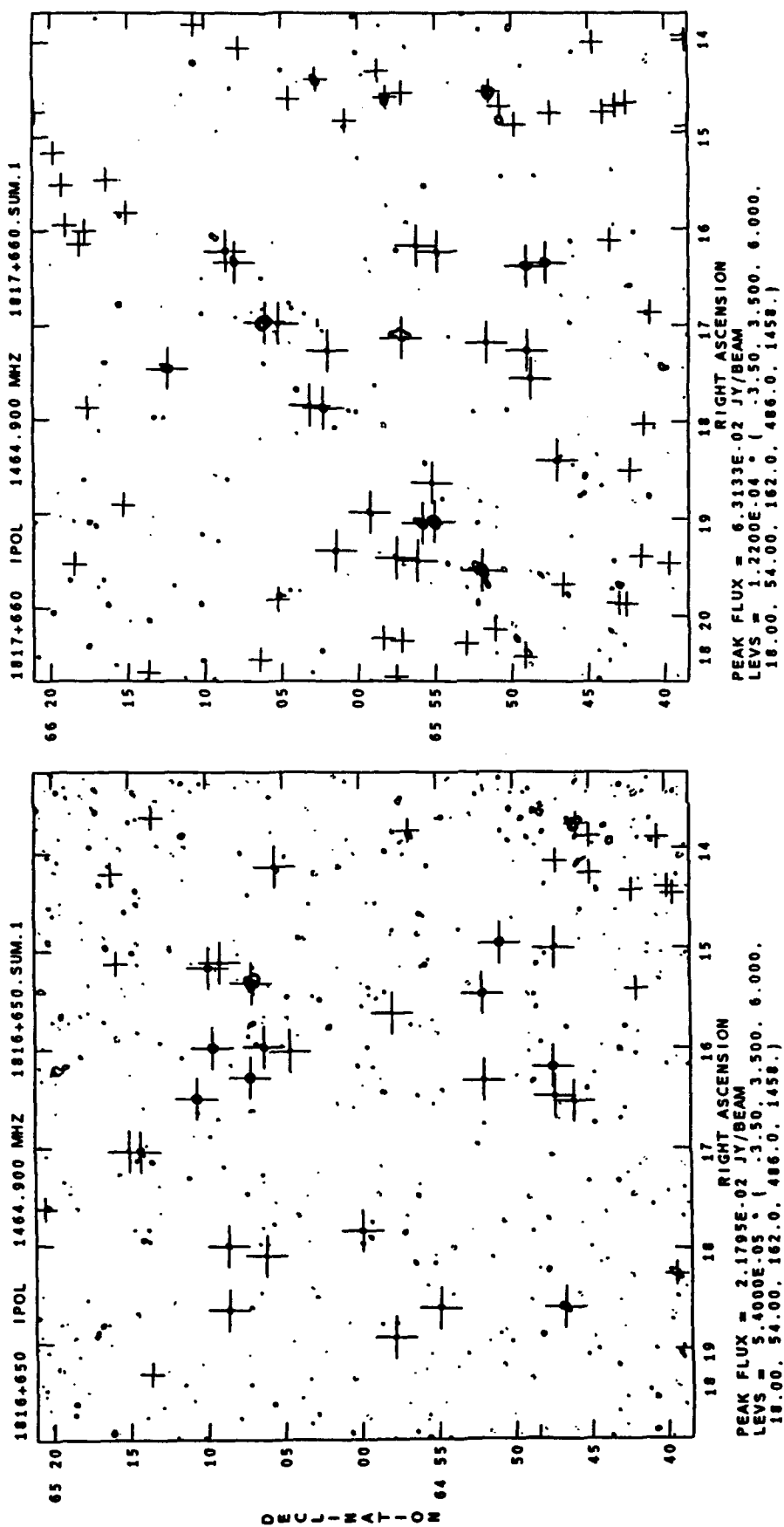
Figure 2 — Atlas of VLA-NEP Fields (continued).



FIELD 93

FIELD 94

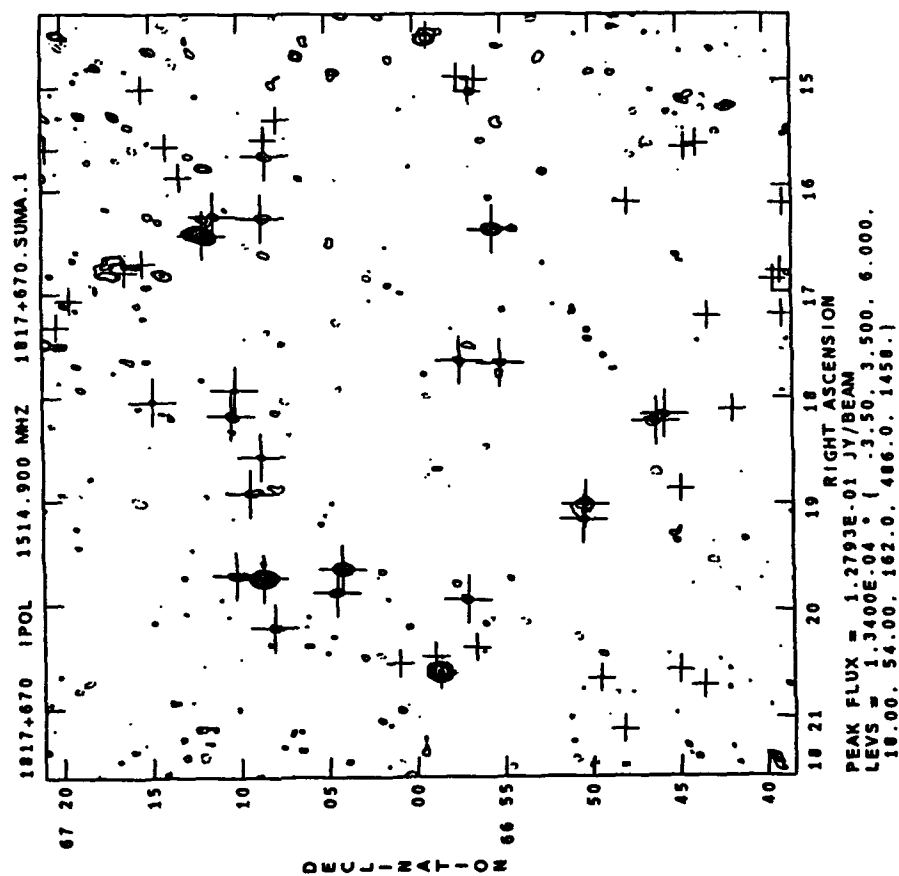
Figure 2 — Atlas of VLA-NEP Fields (continued).



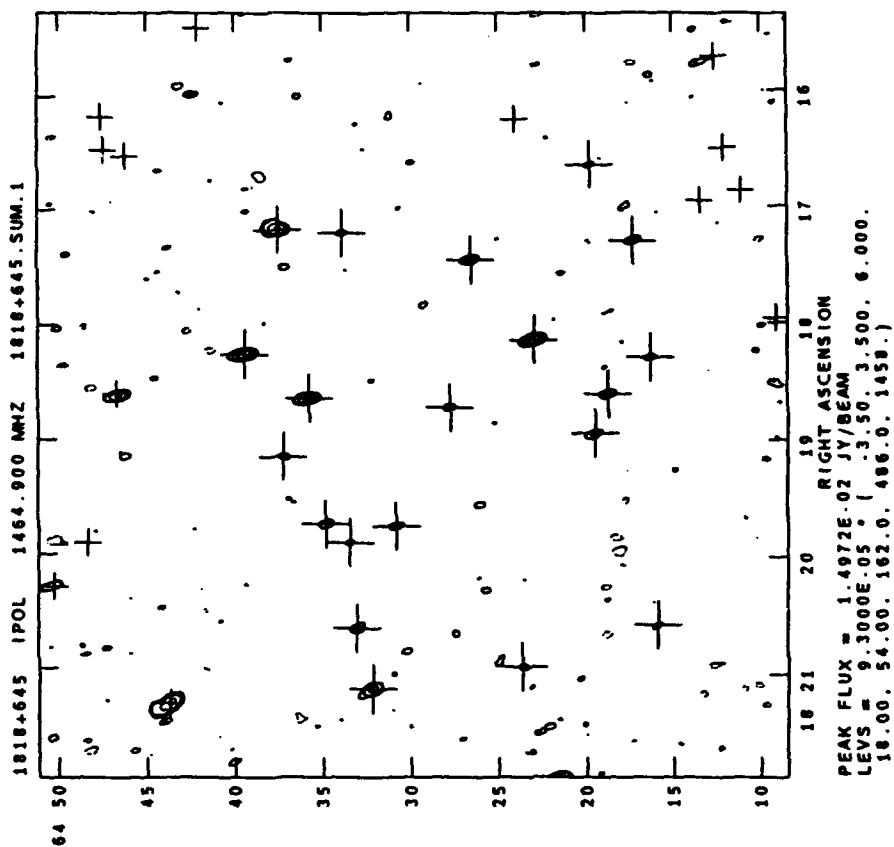
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FIELD 96

Figure 2 — Atlas of VLA-NEP Fields (continued).

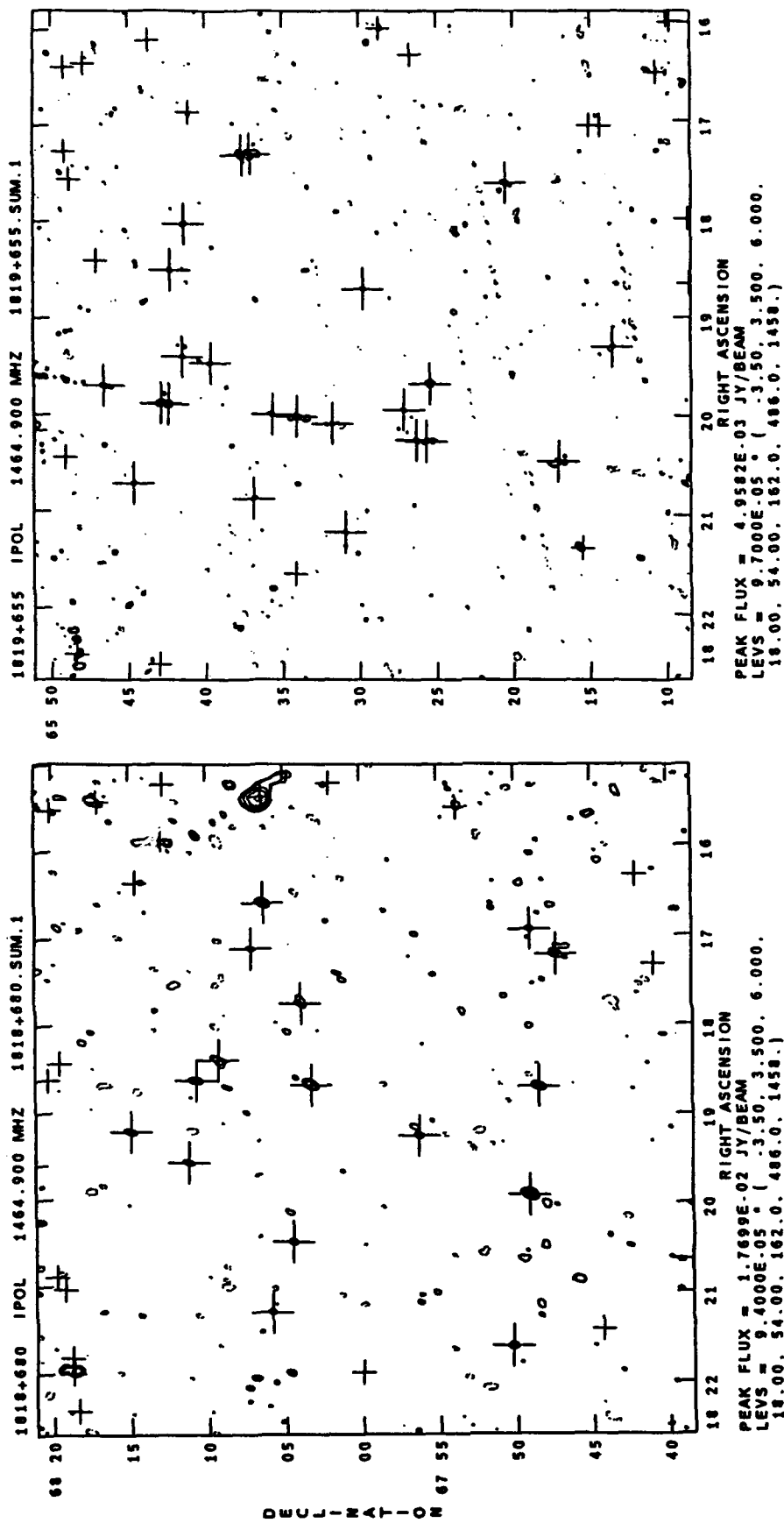


FIELD 97



FIELD 98

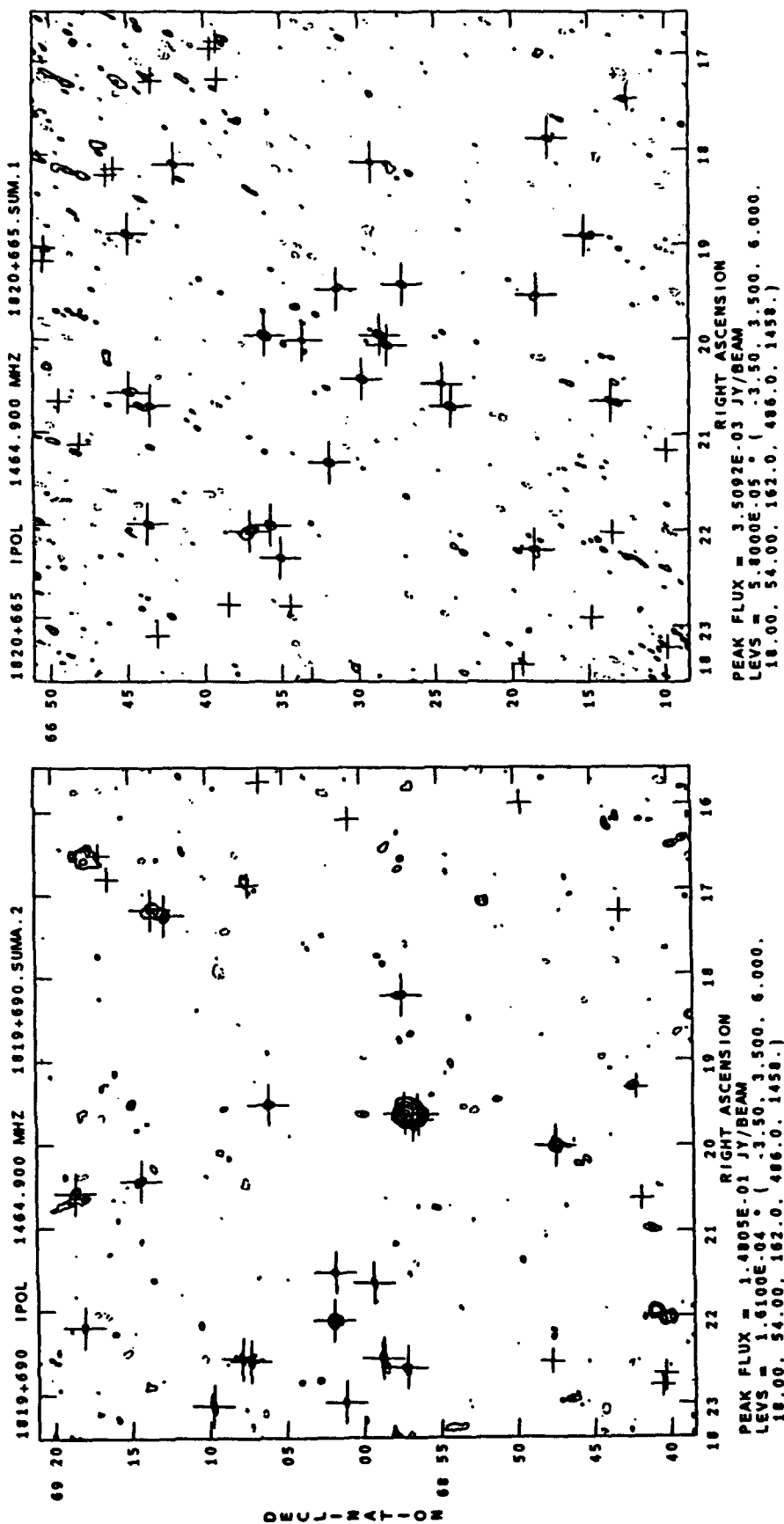
Figure 2 — Atlas of VLA-NEP Fields (continued).



FIELD 99

FIELD 100

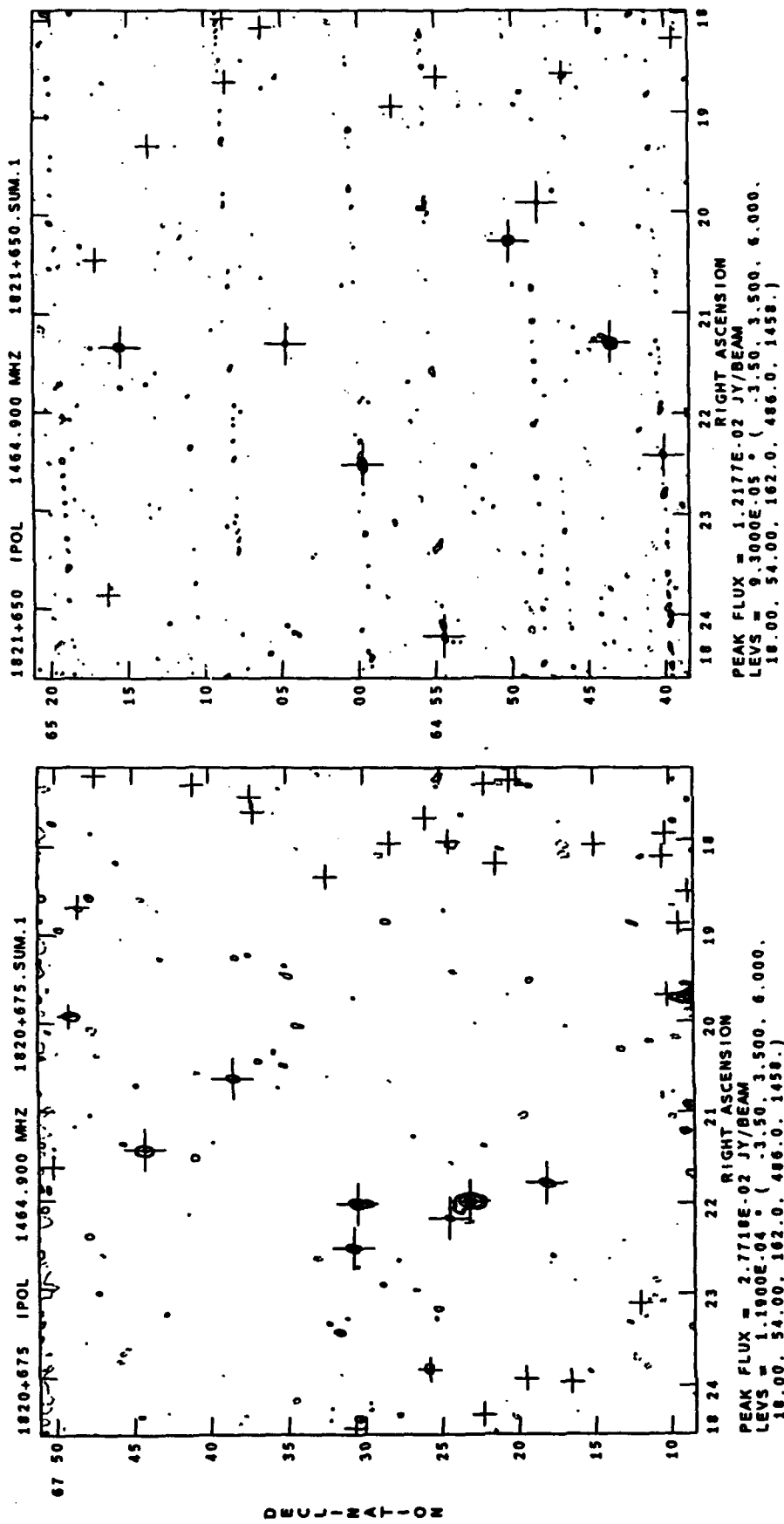
Figure 2 — Atlas of VLA-NEP Fields (continued).



FIELD 101

FIELD 102

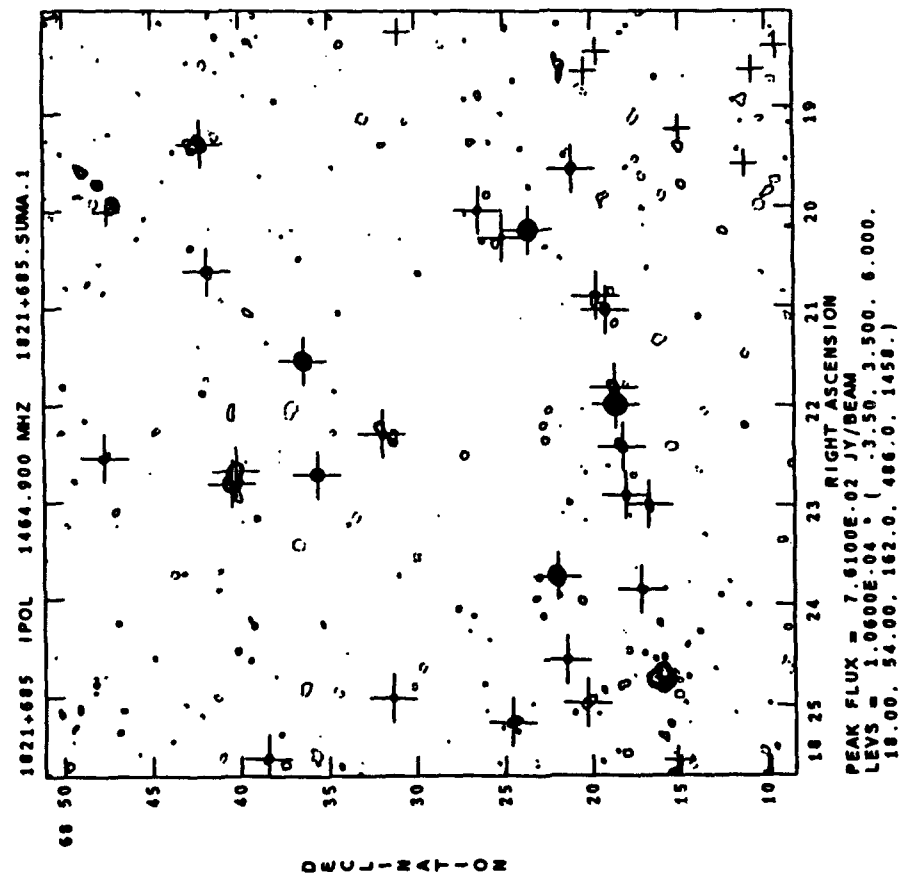
Figure 2 — Atlas of VLA-NEP Fields (continued).



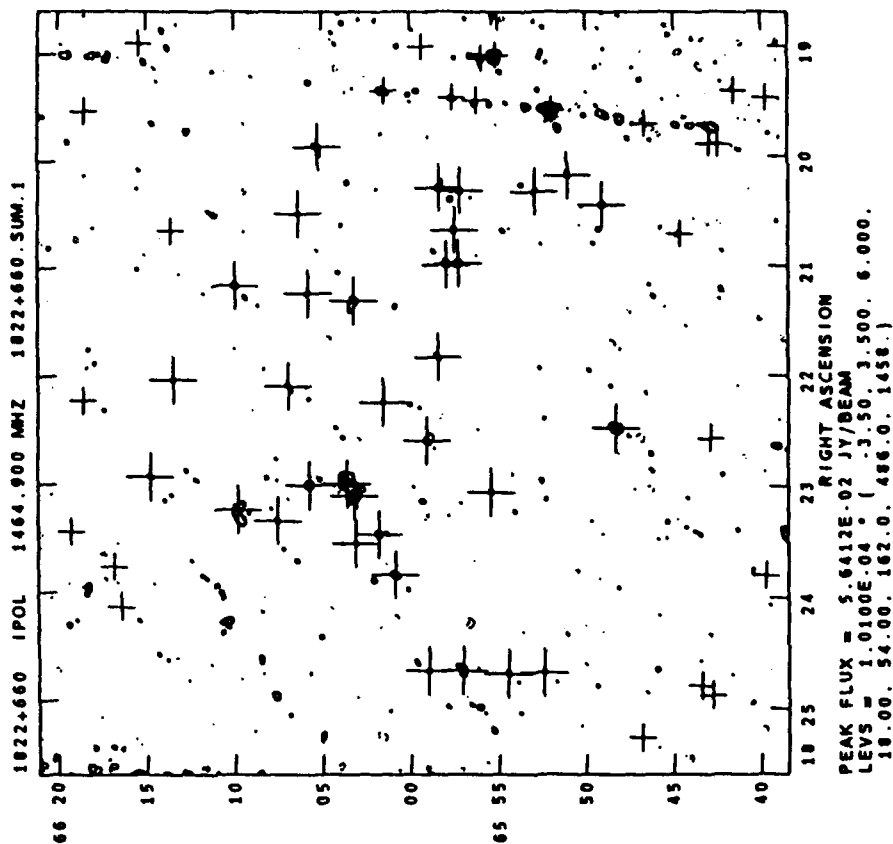
FIELD 103

FIELD 104

Figure 2 — Atlas of VLA-NEP Fields (continued).

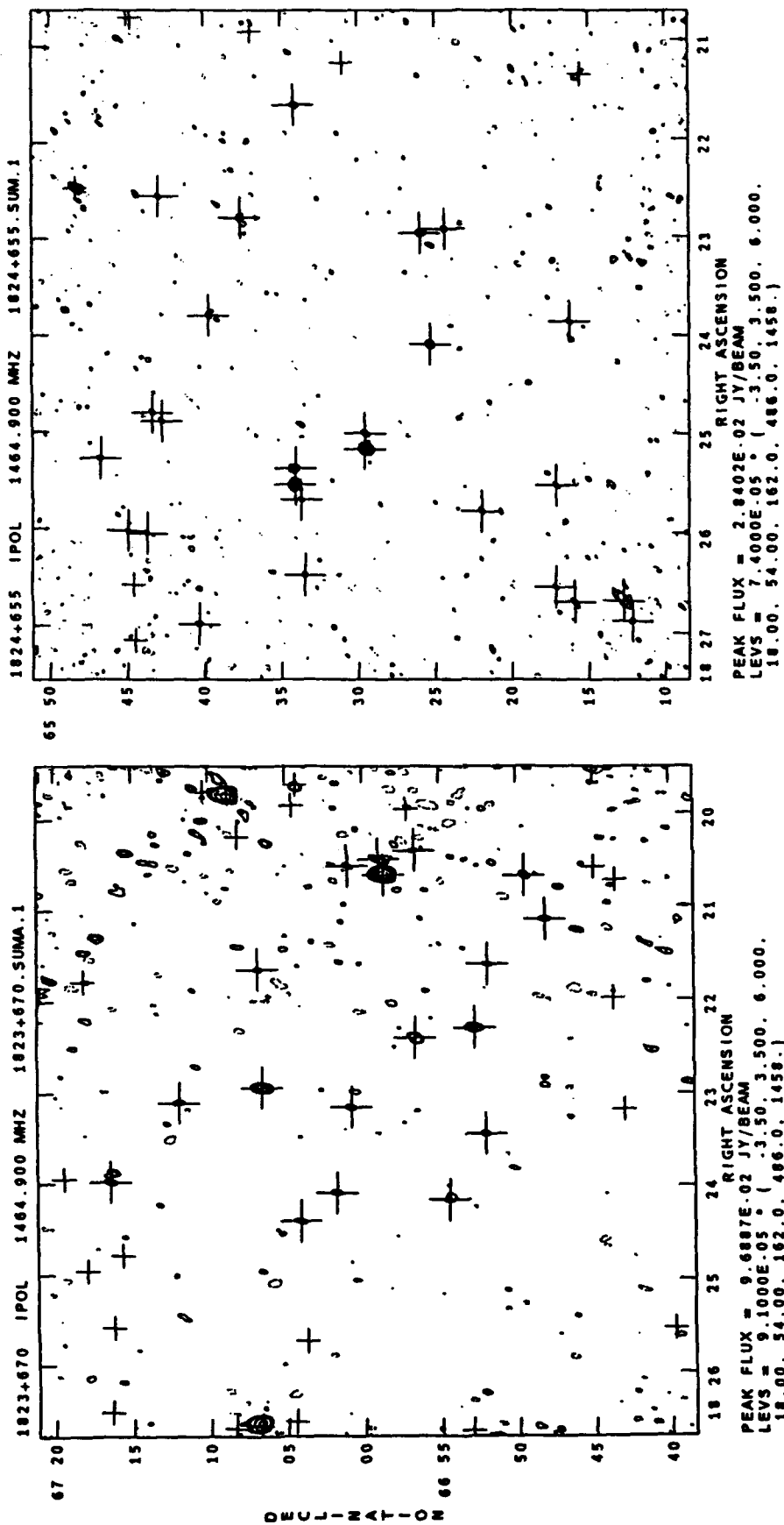


FIELD 105



FIELD 106

Figure 2 — Atlas of VLA-NEP Fields (continued).



FIELD 107

FIELD 108

Figure 2 — Atlas of VLA-NEP Fields (continued).

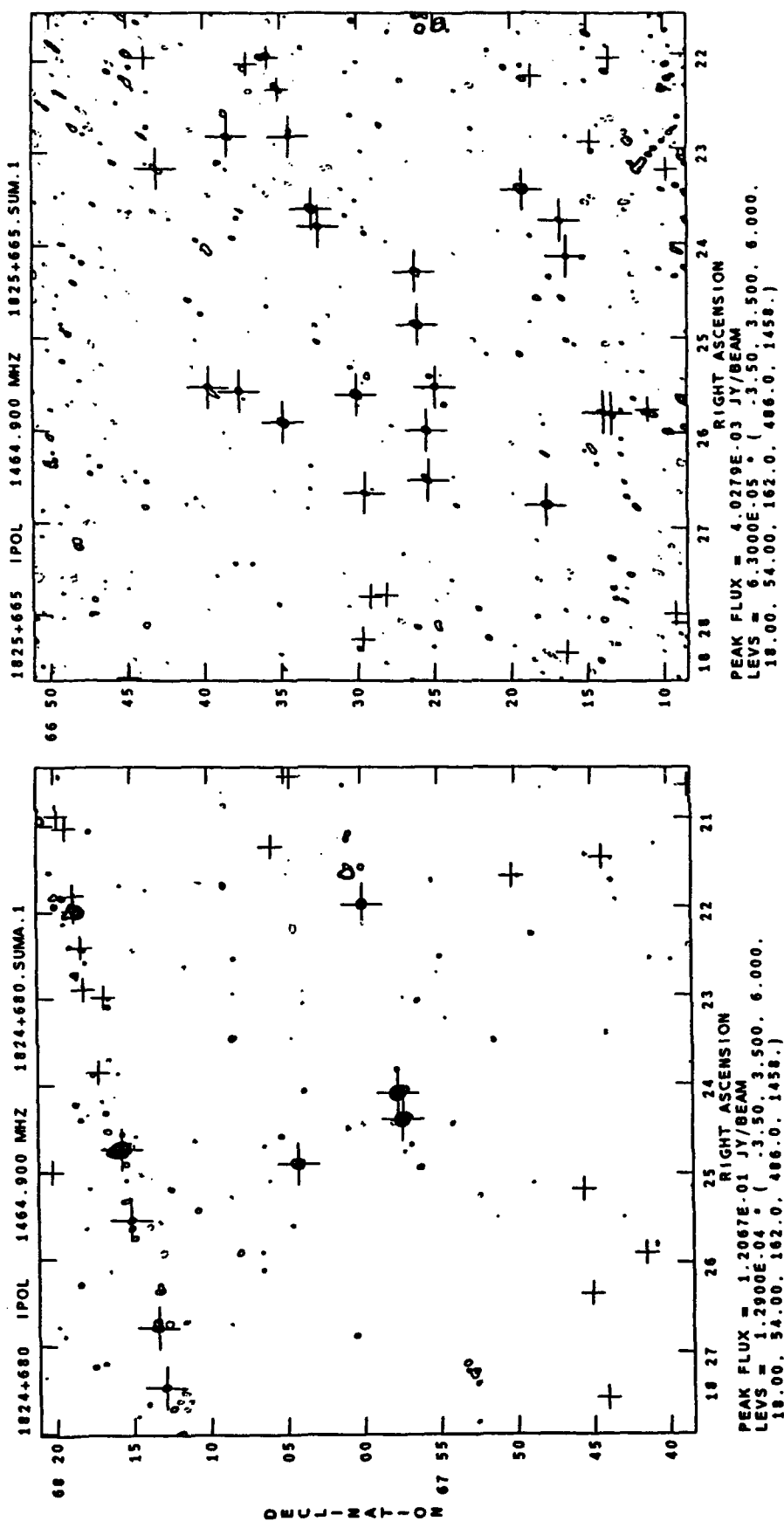
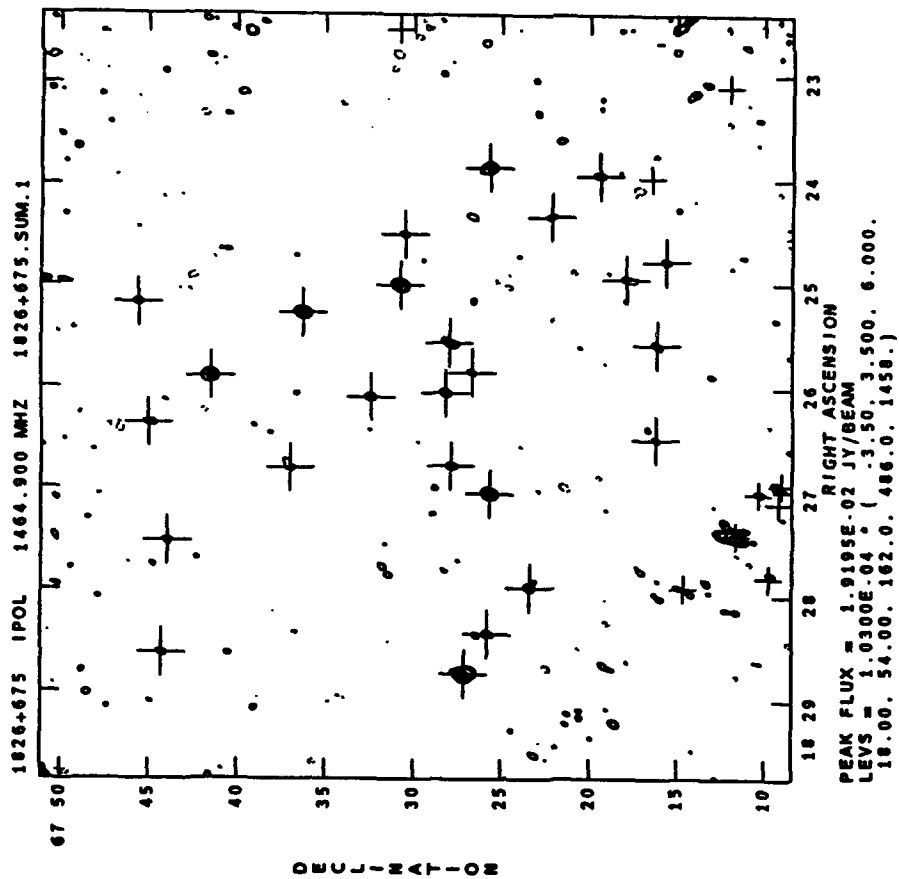
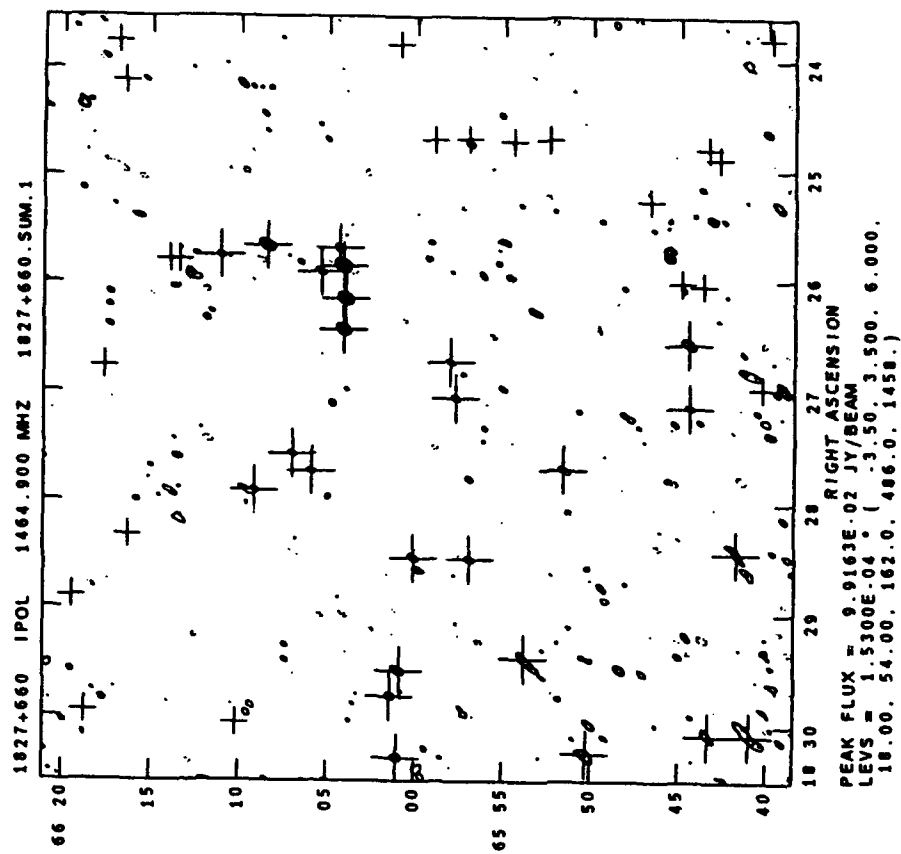


Figure 2 — Atlas of VLA-NEP Fields (continued).

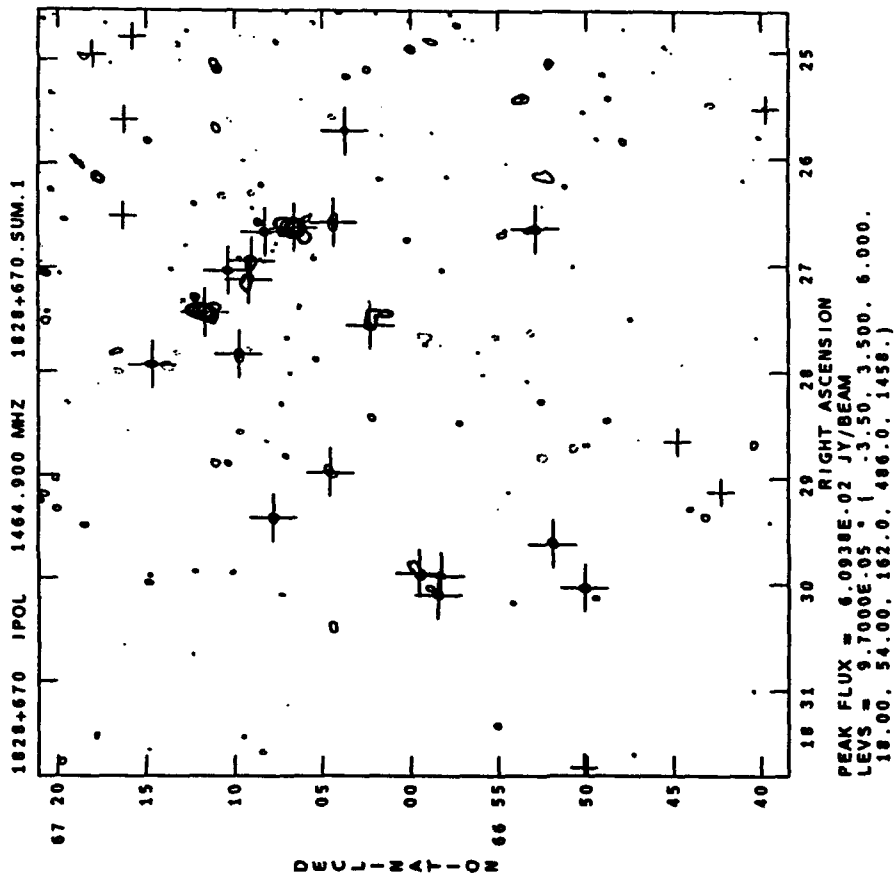


FIELD 111

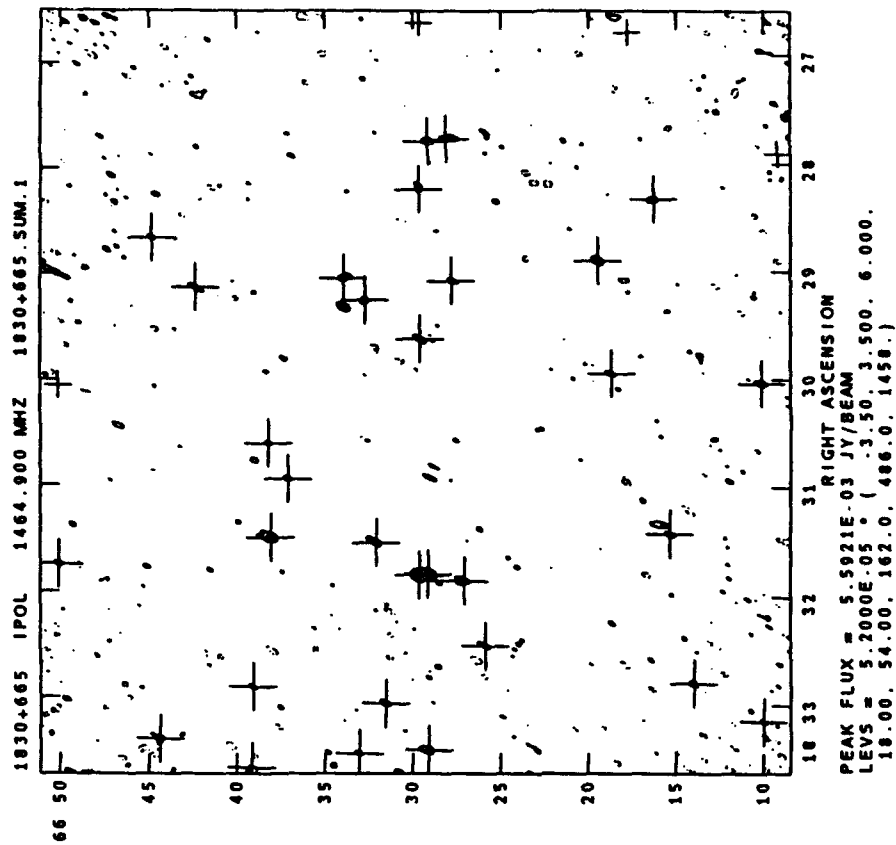


FIELD 112

Figure 2 — Atlas of VLA-NEP Fields (continued).



FIELD 113



FIELD 114

Figure 2 — Atlas of VLA-NEP Fields (continued).

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APPENDIX

A SENSITIVE 1.5 GHz RADIO SURVEY AROUND THE NORTH ECLIPTIC POLE

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Abstract

A 29.3 square degree region surrounding the North Ecliptic Pole (NEP; $\alpha = 18^{\text{h}}00^{\text{m}}$, $\delta = +66^{\circ}30'$) was mapped with the Very Large Array at 1.5 GHz to support the deepest portion of the *ROSAT* all-sky soft X-ray survey. The resulting VLA-NEP survey catalog contains 2435 radio sources with flux densities in the range of 0.3 – 1000 mJy, including over 200 fainter than 1 mJy. The 28 fields of the inner 1.5° have noise levels $\sigma \approx 60\mu\text{Jy}$, and the 85 fields centered between $1.5^{\circ} - 3.0^{\circ}$ from the NEP have $\sigma \approx 120\mu\text{Jy}$. The typical spatial resolution is $20''$ HPBW, and most positions are accurate to $< 2''$. Approximately 6% of the sources are found to be extended with size $> 30''$. We have compared the VLA-NEP catalog with four other radio catalogs made at lower resolution, as well as with the NASA Extragalactic Database, and find counterparts for $\sim 18\%$ of the VLA-NEP objects. The normalized, differential radio source count is in agreement with previous studies. Between 1 – 150 mJy the slope of the $\log N$ - $\log S$ relation is 0.68 ± 0.03 .

A1 Introduction

The correlation of deep multifrequency surveys is useful in studying the relative populations and cosmic evolution of various classes of extragalactic objects (e.g., active galactic nuclei, starburst galaxies) and other aspects of observational cosmology, such as galaxy clustering and the origin of the X-ray background. The North Ecliptic Pole (NEP), located at $\alpha = 18^{\text{h}}00^{\text{m}}$ and $\delta = 66^{\circ}30'$, is a region of special importance for such studies. All-sky surveys from satellites often scan great circles perpendicular to the Earth's orbit in order to keep the solar panels facing the sun, resulting in sensitive coverage of the ecliptic poles. Our survey was motivated by the very deep coverage obtained by *ROSAT* (Trümper

1983; Voges 1992) but is also useful for comparison with other satellite based surveys (e.g., *HEAO-1*, Wood et al. 1984; *IRAS*, Hacking & Houck 1987). The NEP region has been previously studied with radio surveys using the Green Bank 91-m telescope at 1.4 GHz (Condon & Broderick 1985, 1986; White & Becker 1992) and at 5 GHz (Becker, White, & Edwards 1991; Gregory & Condon 1991), the Effelsberg 100-m telescope at 2.7 GHz (Loiseau et al. 1988); and Very Large Array and Ryle Telescope observations of sources selected from the 38 MHz 8C survey (Rees 1990; Lacy, Rawlings, & Warner 1992).

We present here new radio observations (hereafter the VLA-NEP survey) of the region that are 10 - 100 times deeper than these previous surveys, with the specific goal of correlating faint radio sources with faint X-ray sources observed in the recent *ROSAT* all-sky survey (Voges 1993; Brinkmann 1993). Our observations were made with the NRAO Very Large Array. We have cataloged 2435 sources, with about 9% fainter than 1 mJy. The 114 fields do not have uniform sensitivities (fields closer to the NEP were observed longer to match the increased sensitivity of *ROSAT*), and the sensitivity varies considerably across each field. But no biases have been introduced and the resulting catalog should be representative of the faint radio source population about the NEP.

Details of the observations are presented in §A2, with a discussion of the image processing, correction for instrumental effects, and error determination. In §A3 we present the VLA-NEP catalog, which is compared with other catalogs in §A4, and in §A5 we determine the log N -log S radio source count distribution.

A2 Observations

Observations of the NEP were made on 31 December 1990 and 2 January 1991 with the C-configuration of the VLA. The data were recorded with dual 46 MHz bandwidth IFs (i.e., using the standard "50" MHz bandwidth) with an effective center frequency of 1489.9 MHz. Pointings were made of 113 fields around the NEP, each separated by 30'. Typically three short exposure "snapshots" of 8-minutes each were made for each of the 28 fields centered within 1.5° of the NEP, while two 4-minute observations were made of the 85 fields centered between 1.5° - 3.0° of the NEP. The nominal resolution of these observations is 20". However, during the first day's observations some data was lost due to a failure of the entire VLA. This eliminated one scan from several of the fields, with the result that ten outer fields have relatively high noise levels and elongated beams. Also one inner and one outer field were mispointed 20' to the north, with the result that there are two small regions where no reliable source detections could be made. In total, 29.3 square degrees were surveyed. Figure 1 presents a schematic of the regions about the NEP covered by each field,

and shows the corresponding numerical designation adopted for each field.

The visibility data were calibrated using the tasks supplied in NRAO's Astronomical Image Processing System (AIPS), treating each day separately. The total flux density was tied to observations of 3C 286 and the scale of Baars et al. (1977). The source 1748+700 was used as the local phase calibrator. Individual fields were observed during only one of the two days, although the flux density of 1748+700 on each day differs by only 0.6%, indicating that the absolute flux scale is consistent between the two sessions. As 1748+700 is only 3.5° from the NEP, the field surrounding it has also been included in the catalog.

A2.1 Imaging and Source Detection

Fourier transforms of the data were made using the AIPS task UVMAP for the two IFs separately, and the resulting maps were averaged in the image plane. The maps are 1024×1024 with $5''$ pixels. "Natural" weighting was used, giving the highest sensitivity with some loss of resolution. Deconvolution of the inner 512×512 pixels ($42.7' \times 42.7'$) was accomplished with APCLN. The data were self-calibrated twice using ASCAL correcting only for the phases. Following self-calibration, the resulting images from each IF were averaged. In a few instances, the presence of a bright source ($S > 100$ mJy) required a further application of ASCAL with a correction for phases and amplitudes. However, since this causes a slight redistribution of flux from the fainter to the brighter sources, amplitude corrections were limited to a few fields (see notes in Table 1).

The root-mean-square noise of each field (σ) was measured over a central region chosen to avoid bright sources. Typically, the deeper fields within $1.5'$ of the NEP have noise levels σ around $60\mu\text{Jy}$, while the fields in the outer annulus, $1.5' - 3.0'$ from the NEP, typically have $\sigma \approx 120\mu\text{Jy}$. Noise levels along the edges and corners of each field are 3 - 4 times higher than at the field centers due to primary beam attenuation and bandwidth smearing.

The $42.7' \times 42.7'$ region CLEANed was searched for sources at a level $6 \times \sigma$ in most fields. In some fields, a visual inspection showed systematic errors on the image and the minimum flux density for a detection was increased to $7 - 8 \times \sigma$. Determination of the peak flux density and position of each source was made with the AIPS task MAXFIT, which fits a quadratic function to the 3×3 pixel area around each peak. Total flux densities were found with the AIPS tasks TVSTAT and IMSTAT which determine the sum of pixels in a small region around the peak. Regions were selected which, by visual inspection, best enclosed the source. In a few cases image artifacts result in large errors in the total fluxes for some of the faintest sources (< 1 mJy).

Many regions $> 15'$ from field centers were included on more than one field. Where sources were detected on these overlaps, only those from the field with the lowest σ were kept.

This eliminates the possibility of a single object being counted twice due to its appearance on more than one field. Figure A1 is a schematic representation of all sources found over the entire survey region.

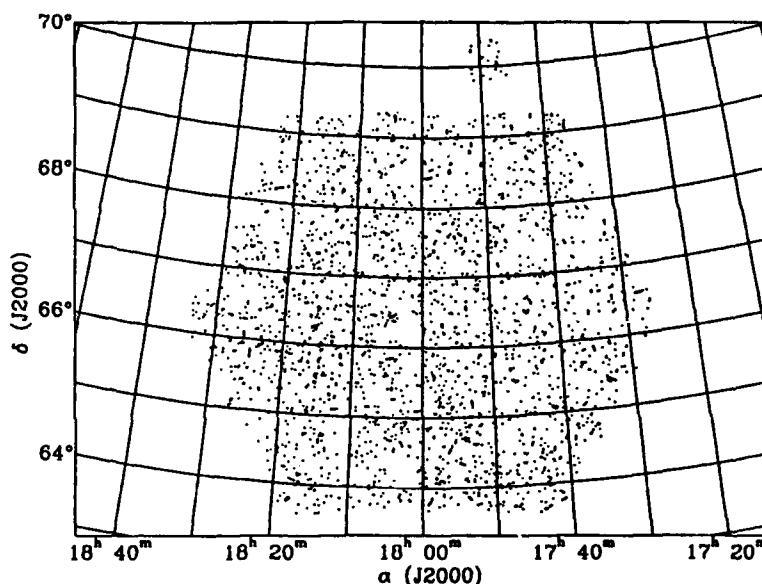


Figure A1 — The distribution of VLA-NEP sources found about the North Ecliptic Pole.

A2.2 Flux Density Corrections

The flux densities measured from images produced by a synthesis array must be corrected for: (1) primary beam response of the antenna elements; (2) time-average smearing due to the finite integration time; and (3) chromatic aberration due to the finite bandwidth (Bridle & Schwab 1989; Cotton 1989). Very roughly, these effects increase quadratically with distance from the image center.

The primary beam expansion presented by Bridle (1989) has been used, where the power pattern of each antenna element, $\mathcal{A}(\rho)$, is given by

$$\frac{1}{\mathcal{A}(\rho)} = \sum_{n=0}^4 a_n (\rho \nu_0)^{2n}, \quad (1)$$

with

$$\begin{aligned} a_0 &= 9.920378 \times 10^{-1} \\ a_1 &= 9.956885 \times 10^{-4} \\ a_2 &= 3.814573 \times 10^{-6} \end{aligned}$$

$$\begin{aligned} a_3 &= -5.311695 \times 10^{-10} \\ a_4 &= 3.980963 \times 10^{-12}, \end{aligned}$$

where ρ is the angular distance from the field center (in arcminutes), and the effective center frequency $\nu_0 = 1.4899$ GHz.

We have not corrected for distortions due to time-average smearing because the effect is always very small. The data were collected with an integration time of 30 seconds which, for our frequency and array combination, leads to reductions in the peak flux of only 1% for a point source 30' from the field center (Cotton 1989). We have also not corrected for "CLEAN bias", a small systematic reduction in the flux density of sources that is thought to occur when large fields of view are CLEANed from short observations (Condon, private communication; Cornwell, private communication). Because most of our fields were observed more than once, there should be little effect from CLEAN bias. In the worst case, for those few outer fields where we obtained only a single snapshot, CLEAN bias may have reduced the flux densities by $\approx 2\sigma$, although for our maps other systematic errors on these fields likely dominate this effect.

For this experiment, where natural weighting was used, the effects of bandwidth smearing correspond to the "square bandpass, circular Gaussian tapering" case discussed by Bridle & Schwab (1989). The reduction in the peak flux of a point source is $R(\rho) \equiv S_{\text{peak}}^\dagger / S_{\text{peak}}$, where S_{peak} and $S_{\text{peak}}^\dagger$ are the true and measured peak flux densities, respectively, and

$$R(\rho) = \frac{\sqrt{\pi}}{\gamma\beta} \operatorname{erf}\left(\frac{\gamma\beta}{2}\right), \quad (2)$$

with

$$\beta = \frac{\Delta\nu}{\nu_0} \frac{\rho}{\theta_{\text{HPBW}}},$$

$$\gamma = 2\sqrt{\ln 2},$$

where the bandwidth $\Delta\nu = 46$ MHz, θ_{HPBW} is the resolution (in arcminutes), and $\operatorname{erf}()$ is the usual error function. For this experiment the effective bandwidth and frequency were constant, and the effective resolution varies, sometimes considerably, from field to field. We set θ_{HPBW} to be the average of the major and minor axes of the elliptical restoring beam used by the AIPS task APCLN.

Therefore, the flux densities $S_{\text{peak}}^\dagger$ and $S_{\text{total}}^\dagger$ measured on the CLEANed maps have been

corrected as

$$S_{\text{peak}} = \frac{S_{\text{peak}}^{\dagger}}{R(\rho) \mathcal{A}(\rho)} \quad (3)$$

$$S_{\text{total}} = \frac{S_{\text{total}}^{\dagger}}{\mathcal{A}(\rho)} \quad (4)$$

where S_{peak} and S_{total} are the corrected source values.

The sensitivity of the survey is illustrated in Figure A2, which shows the corrected peak flux densities as a function of distance from the field centers.

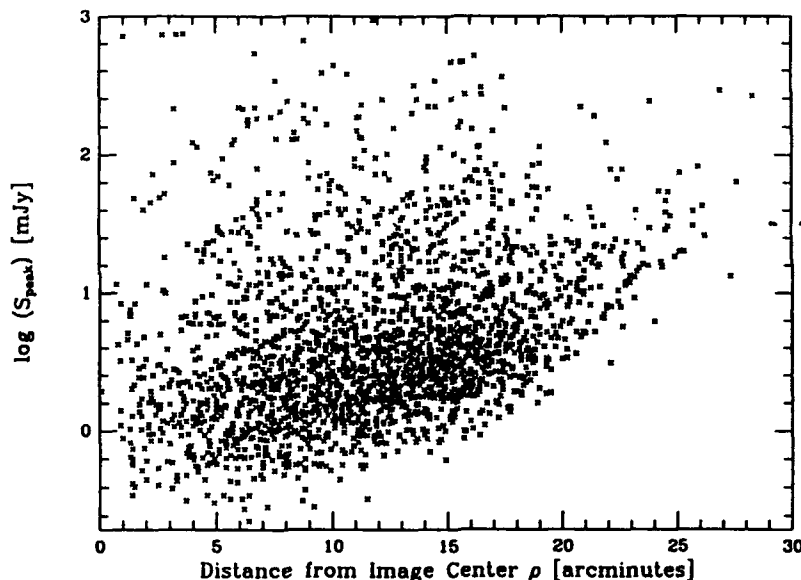


Figure A2 — The peak flux density (S_{peak}) of cataloged radio sources, corrected for the effects of the primary beam and bandwidth smearing, as a function of ρ distance from the field center.

A2.3 Flux Density Uncertainties

Uncertainties in the flux densities (in mJy) were estimated from the quadratic sum of several terms (e.g., Condon, Condon, & Hazard 1982; André, Montmerle, & Feigelson 1987). The first term is the statistical error from the rms noise level,

$$\sigma_1 = \frac{b\sigma}{\mathcal{A}(\rho)}, \quad (5)$$

where σ_{rms} is the noise level of the map, ρ is the distance of the source from the field center (in arcminutes), $\mathcal{A}(\rho)$ is the primary beam response given by equation (1), and b is an empirical term. Following Condon et al. (1982) we have taken $b = 1.52$.

The second term arises from uncertainties in the calibration and flux measurement process, which we take to be 3%, so that

$$\sigma_2 = 3 \times 10^{-2} S_{\text{peak}}, \quad (6)$$

where S_{peak} is the corrected peak flux density given by equation (3).

For the third term, which incorporates pointing errors in the antenna elements, we have adopted the functional form of Condon et al. (1982) but have taken the pointing accuracy of the antennas to be $\epsilon = 0.1''$ (Perley 1992), so that

$$\sigma_3 = 5.5 \times 10^{-4} \rho S_{\text{peak}}. \quad (7)$$

The fourth term represents uncertainty in the primary beam correction and we have adopted the expression used by Condon et al. (1982)

$$\sigma_4 = 1 \times 10^{-4} \rho^2 S_{\text{peak}}. \quad (8)$$

Following André et al. (1987) we include an error term for uncertainties in the bandwidth smearing correction. The peak and total flux densities of 60 unresolved sources selected from the 28 inner fields were inspected and compared to the measured ratio of the peak-to-total flux densities with that expected from equation (2). We found no dependence on ρ and from the observed scatter adopt

$$\sigma_5 = 5 \times 10^{-2} S_{\text{peak}}. \quad (9)$$

To account for additional uncertainties in the determination of the total fluxes for faint sources due to map artifacts and similar effects, we have included an additional error term

$$\sigma_6 = \begin{cases} 0 & S_{\text{total}} > 1\text{mJy} \\ 0.1 S_{\text{total}} & S_{\text{total}} \leq 1\text{mJy}. \end{cases} \quad (10)$$

The total error in the corrected flux densities is therefore,

$$\Delta S_{\text{peak}} = (\sigma_1^2 + \sigma_2^2 + \sigma_3^2 + \sigma_4^2 + \sigma_5^2)^{1/2}, \quad (11)$$

$$\Delta S_{\text{total}} = (\sigma_1^2 + \sigma_2^2 + \sigma_3^2 + \sigma_4^2 + \sigma_6^2)^{1/2}, \quad (12)$$

where the primed values of σ_2 , σ_3 , and σ_4 denote the use of the total flux density instead of the peak flux density in the evaluation of these error terms.

A2.4 Positional Corrections

The positions measured from images produced by a synthesis array also need to be corrected for instrumental effects. The raw map must be expanded by a small factor to recover true source positions. As discussed by Mitchell & Condon (1985) these corrections are related to the finite bandwidth and arise from: inaccuracies in the true effective frequency, the frequency dependence of the primary beam, and the variation in flux density across the bandpass for sources with spectral indices $\alpha \neq 0$. All of these effects increase with the angular distance of the source from the image center. We have adopted the overall correction used by Mitchell & Condon (1985) who observed with the same frequency and bandwidth combination as we did. The measured position of each source has therefore been expanded radially *outward* from the center of the image by $\Delta\rho$ (arcminutes), where

$$\Delta\rho = (3.8 \times 10^{-3})\rho + (3.3 \times 10^{-6})\rho^3, \quad (13)$$

and ρ is the angular distance of the source from the field center (arcminutes).

In order to confirm the validity of equation (13) compensating for radial positional distortions, we made two tests: (1) an external test with a comparison of VLA-NEP survey positions with those of other samples with high positional accuracy; and (2) an internal test of VLA-NEP survey positions for sources which appear on more than one field. For our external test we looked at two samples. Patnaik et al. (1992) have imaged compact radio sources with a positional accuracy of $0.012''$. Four sources from their list were detected in the VLA-NEP survey. In addition, Lacy et al. (1992) observed 57 sources around the NEP with arcsecond resolution. However, as the Lacy et al. (1992) sources were chosen from the 8C catalog selected at 38 MHz, they are primarily lobe dominated objects. We used only eight 8C sources with compact structures ($< 5''$) where the positions are likely independent of wavelength and beam size.

The position correction was further tested by comparing repeated measurements in the "unmerged" list of VLA-NEP sources of ~ 1000 source positions in overlapping regions of adjacent fields. Sources with (uncorrected) positions within $15''$ of each other in adjacent fields were considered to be multiple observations of the same object. The average separation between these multiple entries is minimized when the survey positions are corrected by equation (13).

Figure A3 shows the offsets between VLA-NEP positions and positions given by Patnaik et al. (1992) and Lacy et al. (1992) for twelve sources in their surveys as a function of the VLA-NEP source's angular distance ρ from the field center. The curve shows the correction

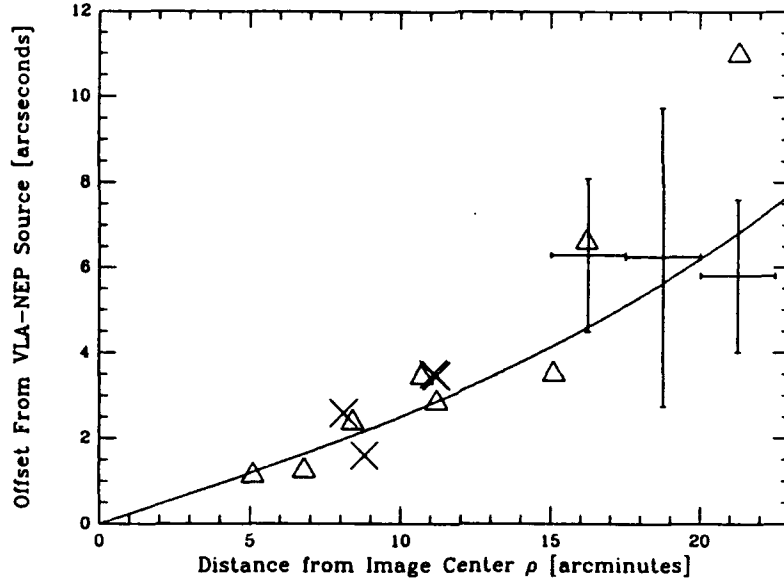


Figure A3 — A comparison of NEP source positions, as taken directly from the images, with sources with very accurate positions from Patnaik et al. (1992, crosses) and the 8C survey Lacy et al. (1992, triangles). The large error bars represent offsets of NEP survey sources found on more than one field. The solid line is the positional offset predicted by the radial expansion of Mitchell & Condon (1985).

given by equation (13). It is clear that the radial correction follows the observed offsets, though the scatter becomes large for $\rho > 15'$. Also plotted are the mean and standard deviation of offsets between multiple observations within the VLA-NEP survey in three ranges of ρ . These are also consistent with the expectations of equation (13), although the scatter is larger since positional errors are introduced twice from each of the two overlapping NEP fields.

Additional non-radial distortions, such as those found by Taylor & Seaquist (1985), can arise from the use of a finite integration time and the neglect of the w -term (Cotton 1989). As mentioned above, the effect of time smearing is negligible for this array and frequency combination. The neglect of the w -term is more problematic. For the case of a single snapshot the use of a 2-dimensional Fourier transform (i.e., UVMAP or MX in AIPS) which cannot account for the w -term will lead to an apparent position shift, $\Delta\rho_w$ (arcminutes), in the direction of the zenith, and with a magnitude

$$\Delta\rho_w = 1.5 \times 10^{-4} \rho^2 \tan Z \quad (14)$$

where ρ is the angular distance of the source from the phase center of the map (arcminutes), and Z the zenith angle of the observation.

We made three tests of the magnitude of distortions arising from neglect of the w -term, using fields which contained bright sources with accurate positions from Patnaik et al. (1992) and Lacy et al. (1992). First, the data were reimagined treating each short scan of a field independently. The positional offset of the test sources from each snapshot was compared with that expected by equation (14). Second, the data were reimagined using the AIPS task MX with a phase shift to move each test source to the center of the image. As the w -term distortion depends on distance from the phase center, this procedure will eliminate it for the test source. Third, the individual snapshots from each field were reimagined with the new AIPS task UVADC. UVADC takes clean components which have been subtracted from a uv data set, corrects their position for the effects of the w -term, and then adds the Fourier transform of the shifted clean components back into the data. After each test, the radial correction in equation (13) was applied. Although application of these methods did move the sources by 1-2'', the resulting positions were not closer to those of Patnaik et al. (1992) and Lacy et al. (1992). Thus, our positional accuracy does not appear to be limited by the w -term and we have not applied any w -term correction to the VLA-NEP survey positions.

A2.5 Positional Uncertainties

The net positional uncertainty $\Delta_{\text{pos}} \equiv \sqrt{(\Delta\alpha)^2 + (\Delta\delta)^2}$ was taken to be the quadratic sum of two terms. The first term arises from the use of the parabolic fitting routine MAXFIT and depends on the signal-to-noise ratio of the source and the size of the beam. Using the AIPS tasks IMMOD and CONVL we created simulated point sources with noise which were convolved to various beam sizes. MAXFIT was then used and the difference between the measured and true position found. In the range of beam parameters applicable here we empirically estimate the error due to MAXFIT to be

$$\log \sigma_7 = \frac{3}{2} \left[\left(\frac{25 + \theta_{\text{HPBW}}}{50} \right) - \log \left(\frac{\sigma}{S_{\text{peak}}^\dagger} \right) \right], \quad (15)$$

where σ is the measured noise of the map center, θ_{HPBW} is the effective resolution in arcminutes, and $S_{\text{peak}}^\dagger$ is the uncorrected peak flux density.

The second error term arises residual errors remaining after the application of the radial expansion correction discussed above, arising from instrumental or deconvolution errors that are not well understood. For sources with $\rho \leq 15'$ appearing in Patnaik et al. (1992) and Lacy et al. (1992) shown in Figure A3, the standard deviation of the net positional offset is 1.2''. For sources with $\rho > 15'$, we used the internal VLA survey comparison of objects in the "unmerged" list shown in Figure A3, giving a 1σ deviation of 2.7''. Since errors in two fields contribute to this deviation, the uncertainty of a single position is $2.7''/\sqrt{2}$ or 1.9''.

Thus, the second positional error term is

$$\sigma_8 = \begin{cases} 1.2'' & \rho \leq 15' \\ 1.9'' & \rho > 15' \end{cases}, \quad (16)$$

and the total positional uncertainty is

$$\Delta_{\text{pos}} = (\sigma_7^2 + \sigma_8^2)^{1/2}. \quad (17)$$

A3 The VLA-NEP Catalog

Table 1 presents the observational parameters for each of the 114 fields observed. The columns list: (1) the field designation; (2) – (3) the coordinates of the field center (J2000); (4) σ , the rms noise level at the field center in mJy; (5) the minimum signal-to-noise ratio required for source detection; (6) the major axis, minor axis and position angle, respectively, of the CLEAN restoring beam; and (7) a flag to denote fields where amplitude self-calibration was used. Brief additional notes have also been included at the end of the table.

Table 2 gives the resulting VLA-NEP source catalog. (See §6 for details on how to obtain the entire catalog, we include only a sample page here.) The columns list: (1) the source name (J2000); (2) the field designation where the source is best detected; (3) – (8) the corrected source position (J2000); (9) Δ_{pos} , the net positional uncertainty in arcseconds; (10) ρ , the distance of the source from the field center in arcminutes; (11) S_{total} , the corrected integrated flux density in mJy; (12) ΔS_{total} , the rms error in the integrated flux density; (13) S_{peak} , the corrected peak flux density in mJy; (14) ΔS_{peak} , the rms error in the peak flux density; and (15) $S_{\text{peak}}^\dagger/\sigma$, the signal-to-noise of the detection. Fully resolved double sources with bright lobes have been included as two catalog entries, with the total flux being that for the entire object. (Slight differences exist between the total flux values for most doubles because of variations in the flux density corrections due to the different distances of the lobes from the field centers.)

The last column of Table 2 contains additional notes where (ID) denotes possible identification with an object from another survey (see Table 3 and below); (S) suspect source which lies on an image processing artifact; (D) double source, either a blend of two comparable sources or two resolved peaks with a common envelope; (E) extended source, either an elongated source, or an object with an asymmetric or complex shape. In addition (D?) and (E?) indicate possible doubles and extended sources whose features appear at less than $8 \times \sigma$. Also included is the angular separation (arcminutes) between the peaks of double sources, the angular size of extended sources (measured from the peak to the most distant

feature, minus a slight resolution correction), and the position angle (degrees) measured from the brightest peak. We identified 124 double sources (45 of which have both peaks listed individually in the catalog) and 174 extended objects with a range of sizes from $0.1' - 2.2'$, with 70% of the doubles and 60% of the extended sources being larger than $0.5'$.

Contour images of 54 sources with interesting structure are included in Figure A4 and are indicated in the notes of Table 2. Positional corrections have *not* been applied to the maps and source positions are best taken from the catalog (Table 2).

A4 Comparisons with Other Catalogs

The VLA-NEP source catalog was compared with four previous radio catalogs which cover all or part of the VLA-NEP catalog area. These include the 1.4 GHz Green Bank catalog (White & Becker 1992), the 5 GHz Green Bank catalog (Becker et al. 1991) and the 1.5 and 5 GHz VLA and Ryle Telescope observations of the 38 GHz 8C survey (Lacy et al. 1992). A search radius of $160''$ and $50''$ was used for the 1.4 GHz and 5 GHz Greenbank surveys, respectively, equal to the uncertainty in those catalogs, and $30''$ was used for the 8C catalog, which contains primarily lobe dominated objects. In addition we have made comparisons with the 2.7 GHz Effelsberg survey (Loiseau et al. 1988) using a variable search radius. For objects found by Loiseau et al. to be "pointlike" we used their stated error radius plus an additional $10''$; for "slightly extended" sources the error radius plus an additional $65''$, for objects with uncertain parameters we used $120''$ and for "extended" sources a search radius equal to the maximum source size $\Theta_{\max}$ (arcseconds) was used, where

$$\Theta_{\max} = 10''(\epsilon + 1) + 0.5 \left[(\theta_1 + \Delta\theta_1)(\theta_2 + \Delta\theta_2) - (4.35'')^2 \right]^{1/2} \quad (18)$$

with ϵ the error code listed in Loiseau et al. (1992), θ_1 and θ_2 the fitted major and minor axes of elliptical gaussian fit to the sources, and $\Delta\theta_1$ and $\Delta\theta_2$ their associated errors (all in arcseconds).

VLA-NEP counterparts were found for all of the 1.4 GHz Green Bank sources and approximately 90% of the sources from the other three surveys. The comparison with the 5 GHz Green Bank and 8C catalogs found relatively few with more than one VLA-NEP counterpart within the search radius (nine and three objects, respectively). However, 36% of the 2.7 GHz Effelsberg and 78% of the 1.4 GHz Greenbank sources have multiple VLA-NEP counterparts. This is partially due to the large error radius adopted for the latter two surveys, although many of these surveys have located sources which we have found to be doubles large enough for the two lobes to be listed individually. Where the identification of a VLA-NEP source is not likely to be subject to confusion ($> 80\%$ of the flux arising from a

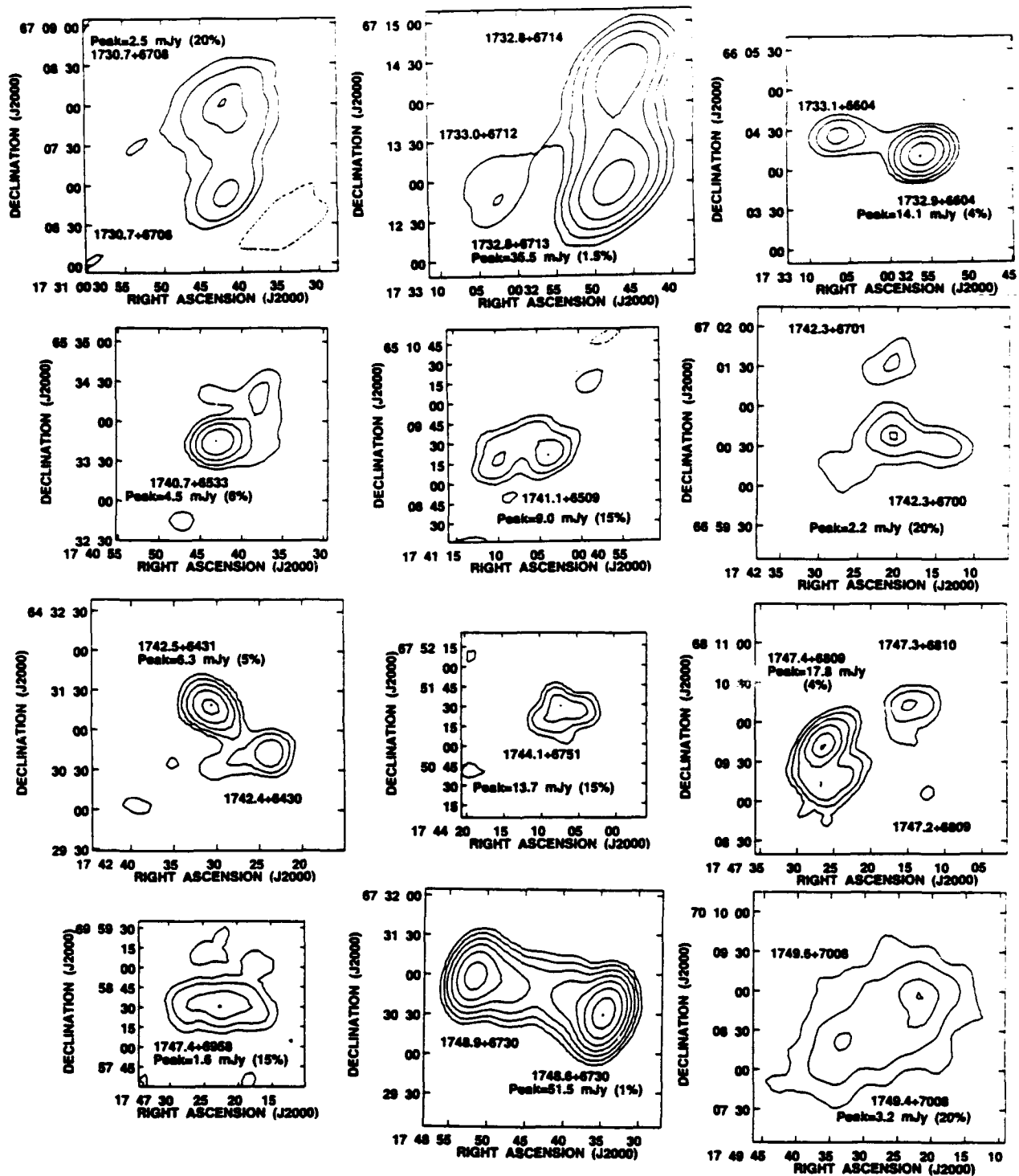


Figure A4 — Contour plots of 48 selected extended and double sources. The corrected peak flux density of the brightest peak on the map is given, as well as the lowest contour level as a percentage of the peak. Subsequent contour levels increase by factors of 2, with the highest contour level at 99%. One negative contour at the lowest level is also plotted. The maps are in order of increasing right ascension and all plots are at the same angular scale. The axes are not corrected for positional offsets.

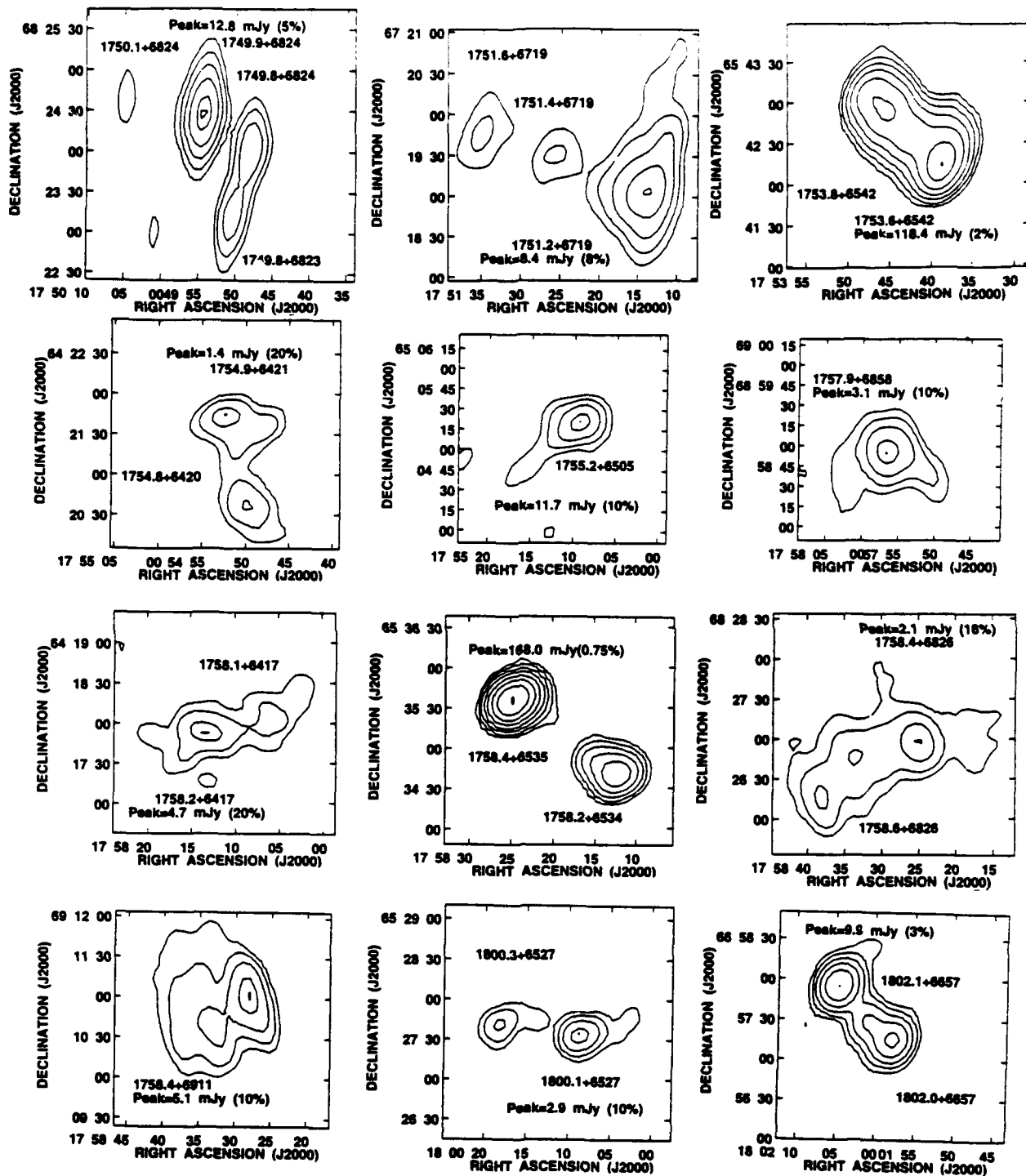


Figure A4 — Continued.

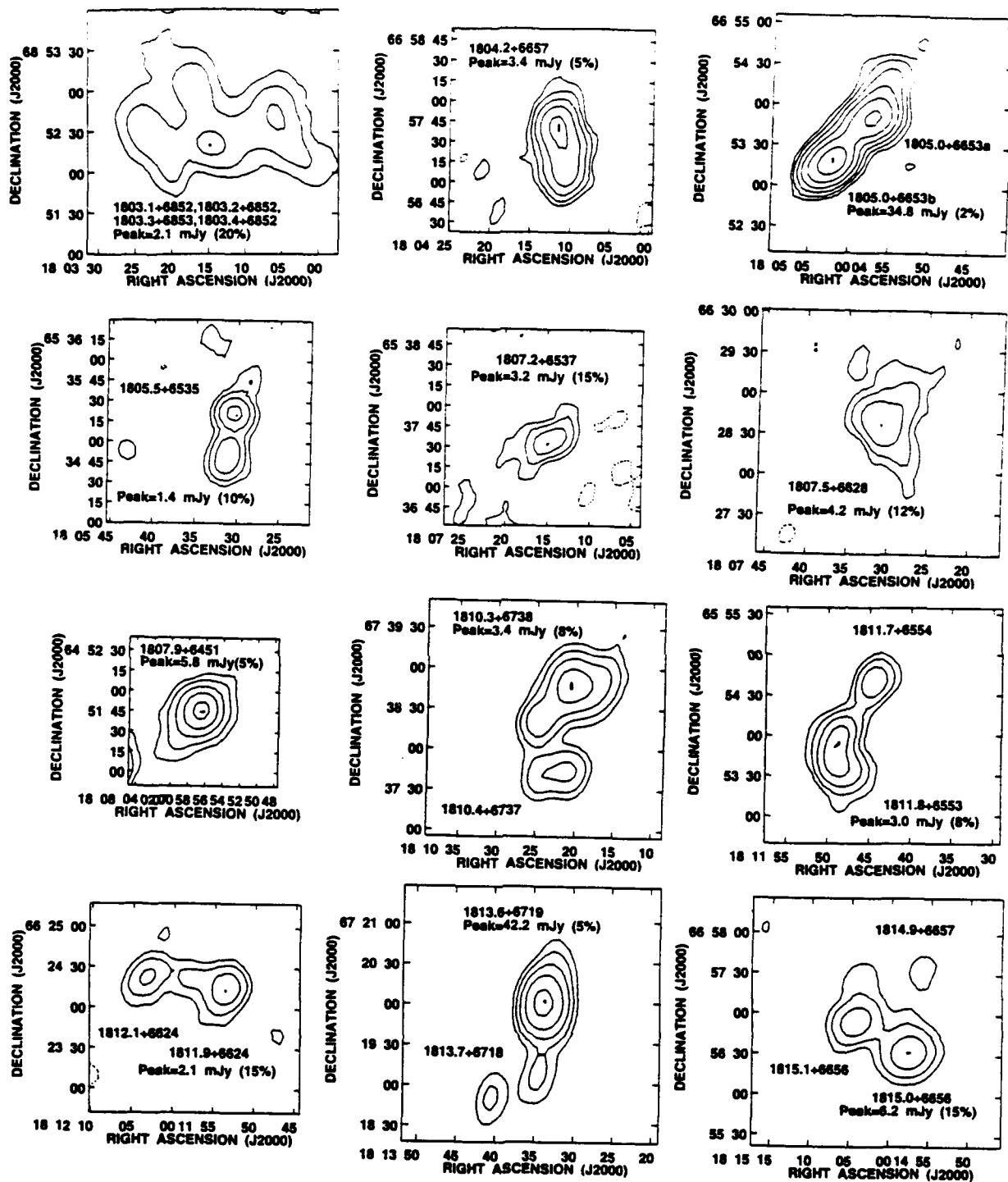


Figure A4 — Continued.

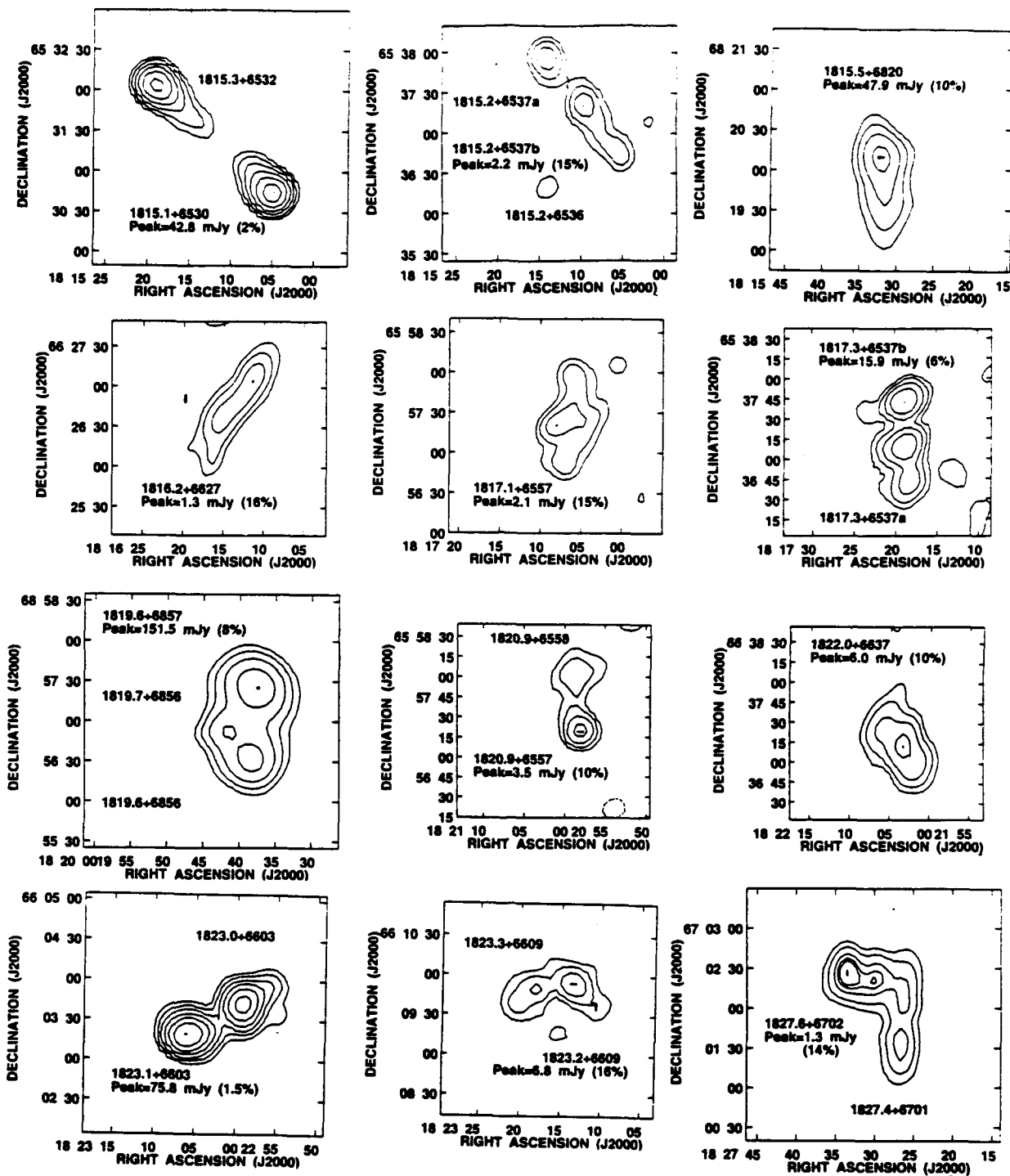


Figure A4 — Continued.

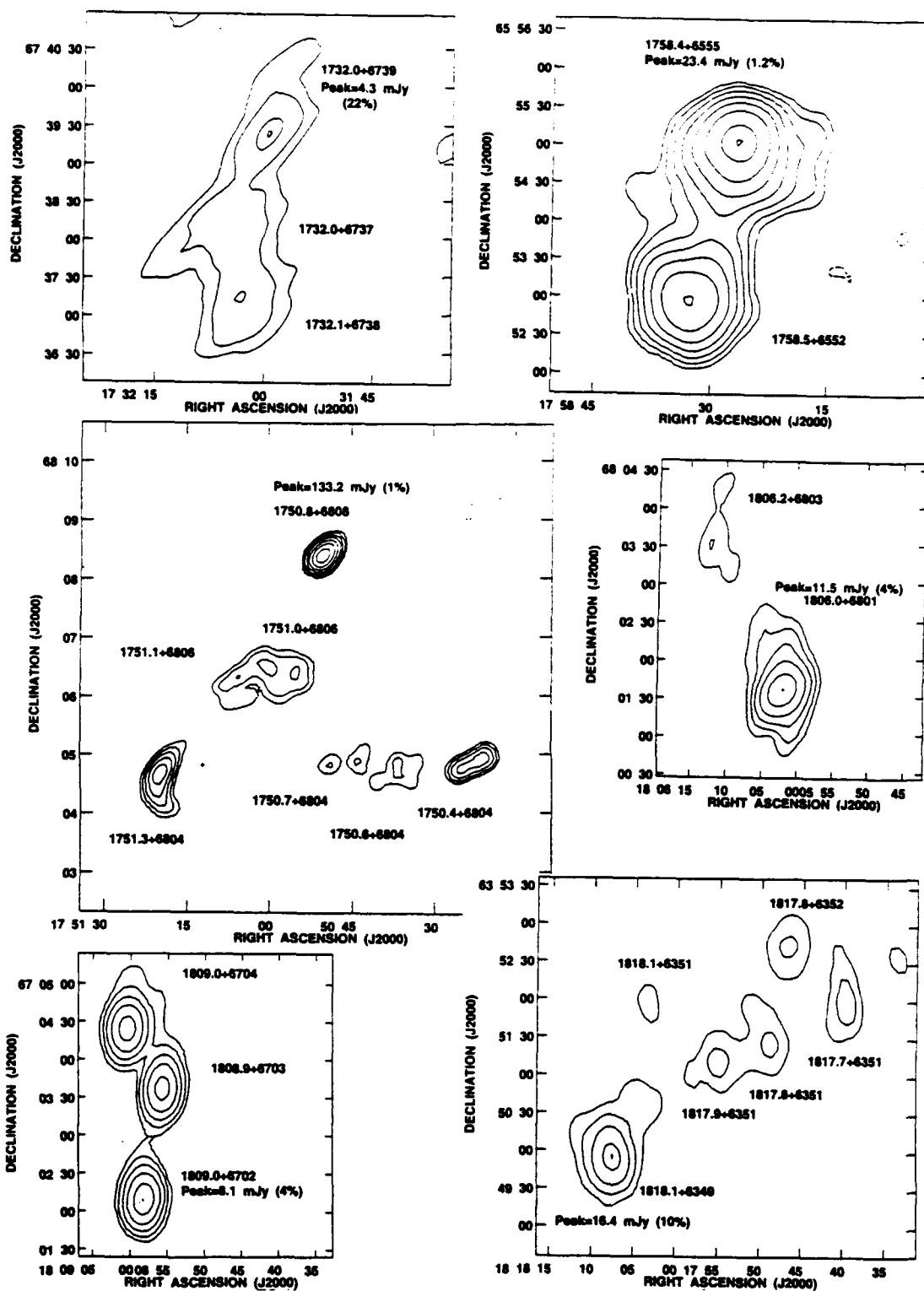


Figure A4 — Continued. Contour plots of 6 sources with interesting structures using the same procedure as before except that the images are on a variety of angular scales.

single VLA-NEP object), we have determined spectral indices between the VLA-NEP flux densities and the 2.7 GHz and 5 GHz catalogs. Because of uncertainties in all the catalogs these identifications should cautiously and are only meant to serve as a guide.

In addition to radio surveys, the VLA-NEP catalog was compared to catalogs of extragalactic objects listed in the NASA Extragalactic Database (NED). Using a search radius of 1' for this correlation 42 galaxies (most brighter than 15 magnitudes) and 27 *IRAS* sources were found with VLA-NEP counterparts. VLA-NEP counterparts were also found for the galaxy cluster Abell 2280, the planetary nebula NGC 6543, and SN 1989P, although the latter is most likely a chance coincidence from the large search radius adopted.

The results of these tentative source identifications are listed in Table 3. For each source listed in Table 2 with an 'ID' note the columns show: (1) the VLA-NEP source name (J2000); (2) the VLA-NEP total flux density; (3) the name of any 5 GHz counterpart from Becker et al. (1991) along with the cataloged flux density (mJy); (4) the name of any 2.7 GHz Effelsberg counterpart from Loiseau et al. (1992) along with the cataloged flux density (mJy); (5) the name of any 1.4 GHz counterpart from White & Becker (1992) with the cataloged flux density (mJy); (6) the name of any 8C counterpart from Lacy et al. (1992); (7) the name of any NED counterpart that is not from the four previous radio surveys with a visual magnitude, if available from NED; (8) the spectral index between 1.5 GHz and 5 GHz; and (9) the spectral index between 1.5 GHz and 2.7 GHz; (10) a reference for sources with information from NED.

A5 Source Counts

A5.1 VLA-NEP Survey Results

The VLA-NEP catalog gives an accurate determination of the sky density of 1.5 GHz sources in the flux density range 1 – 150 mJy, following the procedure described by Mitchell (1983) and Mitchell & Condon (1985). To minimize systematic errors due to uncertainties in the flux density correction parameters (see §A2), we have restricted the source counts to objects within 15' of the field centers. The two fields directly north of each mispointed field (F047 and F067) have also been excluded. We have included the region around the calibrator (F032), although the calibrator source itself (1749+701, VLA-NEP 1748.5+7005) has been excluded. Double sources with multiple catalog entries have been treated as single objects, with the peak being that of the brightest component. With these restrictions, we counted 1622 objects over a total sky area of 21.7 square degrees. Figure A5 shows the curve of $\Omega(S_{\text{peak}})$, the integrated solid angle over which a source can be detected, vs. the peak flux density S_{peak} in mJy.

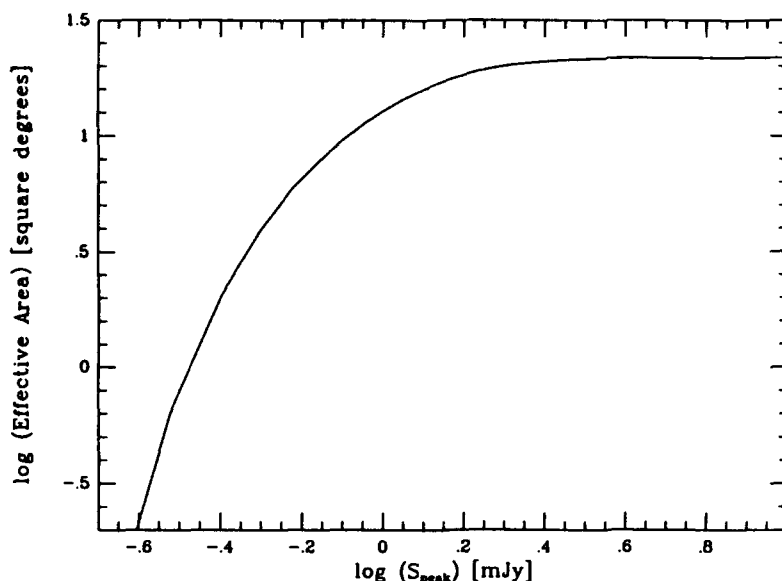


Figure A5 — The effective sky area over which a source with a corrected peak flux density S_p ought to have been detected on our survey maps, as a function of S_p .

The sky density of sources within a selected interval of total flux density is given by the number N_W of sources per square degree in that interval summed with weight $[\Omega(S_{\text{peak}})]^{-1}$, where N_W and its associated error σ_W are

$$N_W = \sum_{n=1}^N [\Omega(S_{\text{peak}})]^{-1}, \quad (19)$$

$$(\sigma_W)^2 = \sum_{n=1}^N [\Omega(S_{\text{peak}})]^{-1}. \quad (20)$$

The source counts are corrected to compensate for sources with *total* fluxes sufficient to have been included, but *peak* fluxes densities too low to have been detected and counted. To do this we have followed the procedure outlined by Mitchell & Condon (1985). The correction factor C_i for sources in a given bin i is determined by considering a reference bin containing N brighter sources. The peak and total fluxes of the reference bin sources were scaled downwards to match the flux range within bin i . The number N_{miss} of sources from the scaled reference bin that had peak fluxes below the $6 \times \sigma$ would not have been counted and were considered “missed”. If the reference bin contains all the sources within its flux range, then $C_i = N/(N - N_{\text{miss}})$. However, because the radio source population changes in the range of a few mJy, the reference bin chosen for bin i was the bin $i + 1$ with slightly higher fluxes (except for the lowest bin where the next two highest bins served as the reference). Because the reference bin itself may suffer from missed sources the correction

factor $C_i = NC_{i+1}/(N - N_{\text{miss}})$. Estimates of C were found for all bins with total fluxes below 10 mJy. The error associated with the correction $\sigma_C = C/\sqrt{N}$, although where $C = 1$ the associated error is undefined and we have not included it in the determination of the source count error.

It is conventional to plot the source density distribution normalized to that expected in a static Euclidean universe: $N_0 = (S_L^{-1.5} - S_U^{-1.5})/1.5$, where S_L and S_U are the lower and upper boundaries of a selected flux density bin. The corrected, normalized differential number count and its error is then

$$nS^{2.5} = C \left(\frac{N_W}{N_0} \right), \quad (21)$$

$$\sigma_{nS^{2.5}} = \left[\left(\frac{C}{N_0} \right)^2 \sigma_W^2 + \left(\frac{N_W}{N_0} \right)^2 \sigma_C^2 \right]^{1/2}. \quad (22)$$

Bins are selected to include all sources with total flux densities greater than 0.3 mJy with successive bin boundaries increased by factors of $\sqrt{2}$. The lowest two bins were combined to compensate for the low number of sources and uncertainties in the flux determination. Finally, in order to better facilitate comparison with other surveys, the fluxes were scaled from 1.49 to 1.40 GHz by assuming a spectral index $\alpha = -0.75$. Table A1 presents the resulting normalized differential 1.40 GHz counts, with the columns showing: (1) – (2) the boundaries of the flux density bins (mJy); (3) N , the actual number of VLA-NEP sources found within each bin in the 21.6 square degrees; (4) N_W , the weighted number of sources and σ_{N_W} the associated uncertainty; (5) C , the resolution correction factor and σ_C the associated uncertainty; (6) $nS^{2.5}$, the source count after a Euclidian normalization and $\sigma_{nS^{2.5}}$, the associated uncertainty.

A5.2 The Radio Source Population

The source counts in Table A1 are plotted in Figure A6 with the flux densities plotted at the expected average flux

$$S_{\text{avg}} = \left[(1 - \gamma) \left(\frac{S_L - S_U}{S_L^{1-\gamma} - S_U^{1-\gamma}} \right) \right]^{1/\gamma}, \quad (23)$$

where γ is defined as $n(S) = kS^{-\gamma}$ and we take $\gamma = 1.7$ (Condon & Mitchell 1982; Windhorst, van Heerde, & Katgert 1984).

For comparison, we have also included on Figure A6 other source count data obtained with the VLA (Condon & Mitchell 1984; and references therein), as well as the best fit curve

TABLE A1
1.4 GHz Source Counts

Flux Density (mJy)		N	$10^{-4} N_W$	C	$nS^{2.5}$ ($\text{sr}^{-1} \text{Jy}^{+1.5}$)
(1)	(2)	(3)	(4)	(5)	(6)
0.30	$\leq S < 0.60$	40	8.55 ± 1.81	3.10 ± 0.14	3.20 ± 0.69
0.60	$\leq S < 0.85$	113	8.48 ± 1.20	1.41 ± 0.10	6.47 ± 1.03
0.85	$\leq S < 1.20$	138	5.93 ± 0.62	1.17 ± 0.07	6.41 ± 0.78
1.2	$\leq S < 1.7$	216	6.27 ± 0.49	1.06 ± 0.07	10.2 ± 1.1
1.7	$\leq S < 2.4$	236	5.04 ± 0.36	1.02 ± 0.07	13.5 ± 1.3
2.4	$\leq S < 3.4$	208	3.72 ± 0.27	1.00 ...	16.1 ± 1.2
3.4	$\leq S < 4.8$	170	2.75 ± 0.21	1.00 ...	20.3 ± 1.6
4.8	$\leq S < 6.8$	120	1.83 ± 0.16	1.00 ...	22.5 ± 2.1
6.8	$\leq S < 9.6$	90	1.36 ± 0.14	1.00 ...	28.4 ± 3.0
9.6	$\leq S < 13.6$	64	0.977 ± 0.122	1.00 ...	33.9 ± 4.2
13.6	$\leq S < 19.0$	49	0.745 ± 0.107	1.00 ...	45.0 ± 6.4
19	$\leq S < 27$	42	0.634 ± 0.098	1.00 ...	60.8 ± 9.4
27	$\leq S < 38$	35	0.529 ± 0.089	1.00 ...	87.8 ± 14.8
38	$\leq S < 54$	29	0.438 ± 0.081	1.00 ...	118 ± 22
54	$\leq S < 77$	21	0.317 ± 0.069	1.00 ...	145 ± 32
77	$\leq S < 109$	12	0.181 ± 0.052	1.00 ...	143 ± 41
109	$\leq S < 154$	11	0.166 ± 0.050	1.00 ...	222 ± 67
154	$\leq S < 217$	10	0.151 ± 0.048	1.00 ...	341 ± 108
217	$\leq S < 307$	7	0.106 ± 0.040	1.00 ...	395 ± 149
307	$\leq S < 434$	5	0.076 ± 0.034	1.00 ...	476 ± 213
434	$\leq S < 614$	2	0.030 ± 0.021	1.00 ...	319 ± 226
614	$\leq S < 869$	3	0.045 ± 0.026	1.00 ...	805 ± 465

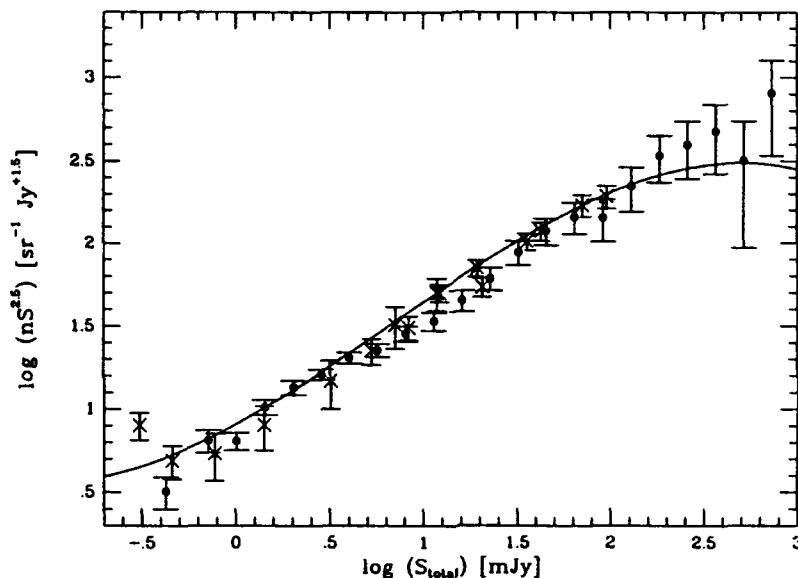


Figure A6 — The normalized differential source counts from the VLA-NEP survey extrapolated to 1.4 GHz. The VLA-NEP data (dark circles) are shown along with representative values from other VLA surveys (crosses) taken from Condon & Mitchell (1984), and the best fit curve derived from Westerbork surveys (Katgert, Oort, & Windhorst 1988).

derived from a variety of Westerbork surveys (Katgert, Oort, & Windhorst 1988). We find good agreement between our results and these other studies, except at the lowest bin, where our source detection and flux determination is weakest, and for the higher flux bins, where the number of VLA-NEP sources is small. Within the range of 3 – 30 mJy we find our source counts falling slightly below the Westerbork line, although in agreement with some of the other VLA surveys. We do not expect significant instrumental effects in the VLA-NEP survey in this flux range, and suspect this slight dip may be a property of the radio source population in the direction of the NEP. A linear fit of the logarithmic VLA-NEP normalized differential source counts between 1 – 150 mJy gives a slope 0.68 ± 0.03 , consistent with the value of 0.71 ± 0.03 derived by Windhorst et al. (1985) between 5 – 100 mJy.

Several detailed studies have been made of the 1.4 GHz source count distribution (e.g., Condon 1984; Windhorst et al. 1985; Katgert et al. 1988; Windhorst et al. 1984; Windhorst, Mathis, & Neuschaefer 1990; Rowan-Robinson et al. 1993). These studies have shown that there is a shift in the nature of the radio source population near 1 mJy, with the brighter population being dominated by radio galaxies and quasars, and the fainter population by starburst galaxies. Therefore, the VLA-NEP survey should have found virtually all of the brighter population about the NEP, although only a fraction of the fainter, starburst population.