

$l$	$b$	RA (1950.0) (h m s)	Dec ( $^{\circ}$ $'$ )	size /arcmin	type	Flux at 1 GHz/Jy	spectral index	other name(s)
0.0	+0.0	17 42 33	-28 59	$3.5 \times 2.5$	S	100?	0.8?	Sgr A East
0.9	+0.1	17 44 12	-28 08	8	C	18?	varies	
1.0	-0.1	17 46 20	-28 25	8	S	15?	0.6?	
1.4	-0.1	17 46 30	-27 45	10	S	2?	?	
1.9	+0.3	17 45 37	-27 09	1.2	S	0.6	0.7	
3.7	-0.2	17 52 20	-25 50	$11 \times 14$	S	3?	?	
3.8	+0.3	17 49 50	-25 27	18	S?	4?	?	
4.2	-3.5	18 05 45	-27 04	28	S	3.2?	0.6?	
4.5	+6.8	17 27 42	-21 27	3	S	19	0.64	Kepler, SN1604, 3C358
5.2	-2.6	18 04 25	-25 45	18	S	2.6?	0.6?	
5.4	-1.2	17 59 00	-24 55	35	C?	35?	0.2?	Milne 56
5.9	+3.1	17 44 20	-22 15	20	S	3.3?	0.4?	
6.1	+1.2	17 51 55	-23 05	$30 \times 26$	F	4.0?	0.3?	
6.4	-0.1	17 57 30	-23 25	42	C	310	varies	W28
6.4	+4.0	17 42 10	-21 20	31	S	1.3?	0.4?	
7.7	-3.7	18 14 20	-24 05	22	S	11	0.32	1814-24
8.7	-5.0	18 21 05	-23 50	26	S	4.4	0.3	
8.7	-0.1	18 02 35	-21 25	45	S?	80	0.5	(W30)
9.8	+0.6	18 02 10	-20 14	12	S	3.9	0.5	
10.0	-0.3	18 05 40	-20 26	8?	?	2.9	0.8	
11.2	-0.3	18 08 30	-19 26	4	C	22	0.49	
11.4	-0.1	18 07 50	-19 06	8	S?	6	0.5	
12.0	-0.1	18 09 15	-18 38	7?	?	3.5	0.7	
13.3	-1.3	18 16 30	-18 01	$70 \times 40$	S?	?	?	
13.5	+0.2	18 11 20	-17 13	$5 \times 4$	S	3.5?	1.0?	
15.1	-1.6	18 21 05	-16 36	$30 \times 24$	S	5.5?	0.8?	
15.9	+0.2	18 16 00	-15 03	$7 \times 5$	S?	5	0.6?	
16.7	+0.1	18 18 05	-14 21	4	C	3.0	0.6	
16.8	-1.1	18 22 30	-14 48	$30 \times 24?$	?	2?	?	
17.4	-2.3	18 28 05	-14 54	24?	S	4.8?	0.8?	
17.8	-2.6	18 30 00	-14 41	24	S	4.0?	0.3?	
18.8	+0.3	18 21 10	-12 25	$17 \times 11$	S	33	0.4	Kes 67
18.9	-1.1	18 27 00	-13 00	33	C?	37	varies	
20.0	-0.2	18 25 20	-11 37	10	F	10	0.0	
21.5	-0.9	18 30 47	-10 37	1.2	F	6	0.0	
21.8	-0.6	18 30 00	-10 10	20	S	69	0.5	Kes 69
22.7	-0.2	18 30 30	-09 15	26	S?	33	0.6	
23.3	-0.3	18 32 00	-08 50	27	S	70	0.5	W41
23.6	+0.3	18 30 20	-08 15	10?	?	8?	0.3	
24.7	-0.6	18 36 00	-07 35	15?	S?	8	0.5	
24.7	+0.6	18 31 30	-07 07	$30 \times 15$	C?	20?	0.2?	
27.4	+0.0	18 38 40	-04 59	4	S	6	0.68	4C-04.71
27.8	+0.6	18 37 06	-04 28	$50 \times 30$	F	30	varies	
28.8	+1.5	18 36 30	-02 40	100?	S?	?	0.4?	
29.7	-0.3	18 43 48	-03 02	3	C?	10	0.7	Kes 75

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30.7	-2.0	18 51 50	-02 58	16	?	0.5?	0.7?	
30.7	+1.0	18 42 10	-01 35	24 $\times$ 18	S?	6	0.4	
31.5	-0.6	18 48 35	-01 35	18?	S?	2?	?	
31.9	+0.0	18 46 50	-00 59	5 $\times$ 7	S	24	0.55	3C391
32.0	-4.9	19 03 00	-03 00	60?	S?	22?	0.5?	3C396.1
32.8	-0.1	18 48 50	-00 12	17	S?	11?	0.2?	Kes 78
33.2	-0.6	18 51 12	-00 05	18	S	3.5	varies	
33.6	+0.1	18 50 15	+00 37	10	S	22	0.5	Kes 79, 4C00.70, HC13
34.7	-0.4	18 53 30	+01 18	35 $\times$ 27	S	230	0.30	W44, 3C392
36.6	-0.7	18 58 05	+02 52	25?	S?	?	?	
36.6	+2.6	18 46 20	+04 23	17 $\times$ 13?	S	0.7?	0.5?	
39.2	-0.3	19 01 40	+05 23	8 $\times$ 6	S	18	0.6	3C396, HC24, NRAO 593
39.7	-2.0	19 10 00	+04 50	120 $\times$ 60	?	85?	0.7?	W50, SS433
40.5	-0.5	19 04 45	+06 26	22	S	11	0.5	
41.1	-0.3	19 05 08	+07 03	4.5 $\times$ 2.5	S	22	0.48	3C397
42.8	+0.6	19 04 55	+09 00	24	S	3?	0.5?	
43.3	-0.2	19 08 44	+09 01	4 $\times$ 3	S	38	0.48	W49B
43.9	+1.6	19 03 30	+10 25	60?	S?	8.6?	0.2?	
45.7	-0.4	19 14 05	+11 04	22	S	4.2?	0.4?	
46.8	-0.3	19 15 50	+12 04	17 $\times$ 13	S	14	0.5	(HC30)
49.2	-0.7	19 21 30	+14 00	30	S?	160?	0.3?	(W51)
53.6	-2.2	19 36 30	+17 08	28 $\times$ 33	S	8	0.75	3C400.2, NRAO 611
54.1	+0.3	19 28 28	+18 46	1.5	F?	0.5	0.1	
54.4	-0.3	19 31 10	+18 50	40	S	28	0.5	(HC40)
55.7	+3.4	19 19 10	+21 38	23	S	1.4	0.6	
57.2	+0.8	19 32 50	+21 50	12?	S?	1.8?	?	(4C21.53)
59.5	+0.1	19 40 25	+23 28	5	S	3?	?	
59.8	+1.2	19 36 50	+24 12	20 $\times$ 16?	?	1.6	0.5	
65.1	+0.6	19 52 30	+28 25	90 $\times$ 50	S	6	0.6	
65.3	+5.7	19 31 00	+31 05	310 $\times$ 240	S?	52?	0.6?	
65.7	+1.2	19 50 10	+29 18	18	?	5.1	0.6	DA 495
67.7	+1.8	19 52 34	+31 21	9	S	1.4	0.3	
68.6	-1.2	20 06 40	+30 28	28 $\times$ 25?	?	0.7?	0.0?	
69.0	+2.7	19 51 30	+32 45	80?	?	120?	varies	CTB 80
69.7	+1.0	20 00 45	+32 35	16	S	1.6	0.8	
73.9	+0.9	20 12 20	+36 03	22?	S?	9?	0.3?	
74.0	-8.5	20 49 00	+30 30	230 $\times$ 160	S	210	varies	Cygnus Loop
74.9	+1.2	20 14 10	+37 03	8 $\times$ 6	F	9	varies	CTB 87
76.9	+1.0	20 20 30	+38 33	9 $\times$ 12	?	2?	0.6?	
78.2	+2.1	20 19 00	+40 15	60	S	340	0.5	DR4, $\gamma$ Cygni
82.2	+5.3	20 17 30	+45 20	95 $\times$ 65	S	120?	0.5?	W63
84.2	-0.8	20 51 30	+43 16	20 $\times$ 16	S	11	0.5	
84.9	+0.5	20 48 45	+44 42	6	S	0.8	0.4	
89.0	+4.7	20 43 30	+50 25	120 $\times$ 90	S	220	0.40	HB21
93.3	+6.9	20 51 00	+55 10	27 $\times$ 20	S	9	0.54	DA 530, 4C(T)55.38.1

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93.7	-0.2	21 27 45	+50 35	80	S	65	0.3	CTB 104A, DA 551
94.0	+1.0	21 23 10	+51 40	30 $\times$ 25	S	15	0.44	3C434.1
109.1	-1.0	22 59 30	+58 37	28	S	20	0.50	CTB 109
111.7	-2.1	23 21 10	+58 32	5	S	2720	0.77	Cassiopeia A, 3C461
112.0	+1.2	23 13 40	+61 30	30?	S?	7?	0.6?	
114.3	+0.3	23 34 45	+61 38	90 $\times$ 55	S	6?	0.3?	
116.5	+1.1	23 51 20	+62 58	80 $\times$ 60	S	11?	0.8?	
116.9	+0.2	23 56 40	+62 10	34	S	9?	0.5?	CTB 1
117.4	+5.0	23 52 30	+67 30	60 $\times$ 80?	S?	30?	0.5?	
119.5	+10.2	00 04 00	+72 30	90?	S	36	0.3	CTA 1
120.1	+1.4	00 22 30	+63 52	8	S	56	0.61	Tycho, 3C10, SN1572
126.2	+1.6	01 18 30	+64 00	70	S?	7	varies	
127.1	+0.5	01 25 00	+62 55	45	S	13	0.6	R5
130.7	+3.1	02 01 55	+64 35	9 $\times$ 5	F	33	0.10	3C58, SN1181
132.7	+1.3	02 14 00	+62 30	80	S	45	0.6	HB3
152.2	-1.2	04 05 30	+48 24	110?	S?	16?	0.7?	
156.2	+5.7	04 54 40	+51 47	110	S	5	0.5	
160.9	+2.6	04 57 00	+46 36	140 $\times$ 120	S	110	0.6	HB9
166.0	+4.3	05 23 00	+42 52	55 $\times$ 35	S	7?	0.4?	VRO 42.05.01
166.2	+2.5	05 15 30	+41 50	90 $\times$ 70	S	11	0.5	OA 184
179.0	+2.6	05 50 30	+31 05	70	S?	7	0.4	
180.0	-1.7	05 36 00	+27 50	180	S	65	varies	S147
184.6	-5.8	05 31 30	+21 59	7 $\times$ 5	F	1040	0.30	Crab Nebula, 3C144, SN1054
189.1	+3.0	06 14 00	+22 36	45	S	160	0.36	IC443, 3C157
192.8	-1.1	06 06 30	+17 20	78	S	20?	0.6?	PKS 0607+17
205.5	+0.5	06 36 00	+06 30	220	S	160	0.5	Monoceros Nebula
206.9	+2.3	06 46 00	+06 30	60 $\times$ 40	S?	6	0.5	PKS 0646+06
211.7	-1.1	06 43 10	+00 24	70?	S?	15?	0.5?	
260.4	-3.4	08 20 30	-42 50	60 $\times$ 50	S	130	0.5	Puppis A, MSH 08-44
261.9	+5.5	09 02 20	-38 30	40 $\times$ 30	S	10?	0.4?	
263.9	-3.3	08 32 30	-45 35	255	C	1750	varies	Vela (XYZ)
272.2	-3.2	09 05 15	-51 50	15?	S?	?	?	
279.0	+1.1	09 56 00	-53 00	95	S	30?	0.6?	
284.3	-1.8	10 16 30	-58 45	24?	S	11?	0.3?	MSH 10-53
286.5	-1.2	10 33 50	-59 26	26 $\times$ 6	S?	1.4?	?	
289.7	-0.3	10 59 10	-60 02	18 $\times$ 14	S	6.2	0.2?	
290.1	-0.8	11 01 00	-60 40	19 $\times$ 14	S	42	0.4	MSH 11-61A
291.0	-0.1	11 09 45	-60 22	15 $\times$ 13	C?	16	0.29	(MSH 11-62)
292.0	+1.8	11 22 20	-59 00	12 $\times$ 8	C?	15	0.4	MSH 11-54
293.8	+0.6	11 32 40	-60 37	20	C	5?	0.6?	
294.1	-0.0	11 33 50	-61 22	40	S	>2?	?	
296.1	-0.5	11 48 40	-62 17	37 $\times$ 25	S	8?	0.6?	
296.5	+10.0	12 07 00	-52 10	90 $\times$ 65	S	48	0.5	PKS 1209-51/52
296.8	-0.3	11 56 00	-62 18	20 $\times$ 14	S	9	0.6	1156-62
298.5	-0.3	12 10 00	-62 35	5?	?	5?	0.4?	

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298.6	-0.0	12 11 00	-62 20	12 $\times$ 9	S	5?	0.3	
299.2	-2.9	12 12 30	-65 13	18 $\times$ 11	S	0.5?	?	
299.6	-0.5	12 19 00	-62 52	13	S	1.0?	?	
301.4	-1.0	12 35 00	-63 33	37 $\times$ 23	S	2.1?	?	
302.3	+0.7	12 42 55	-61 52	17	S	5?	0.4?	
304.6	+0.1	13 02 50	-62 26	8	S	14	0.5	Kes 17
308.1	-0.7	13 34 10	-62 49	13	S	1.2?	?	
308.8	-0.1	13 39 00	-62 08	20 $\times$ 30?	C?	15?	0.4?	
309.2	-0.6	13 43 00	-62 39	15 $\times$ 12	S	7?	0.4?	
309.8	+0.0	13 47 00	-61 50	25 $\times$ 19	S	17	0.5	
310.6	-0.3	14 01 40	-62 23	8	S	5?	?	Kes 20B
310.8	-0.4	14 03 40	-62 31	12	S	6?	?	Kes 20A
311.5	-0.3	14 02 00	-61 44	5	S	3?	0.5	
312.4	-0.4	14 09 20	-61 29	38	S	45	0.36	
315.4	-2.3	14 39 00	-62 17	42	S	49	0.6	RCW 86, MSH 14-63
315.4	-0.3	14 32 10	-60 23	24 $\times$ 13	?	8	0.4	
315.9	-0.0	14 42 20	-60 24	25 $\times$ 14	S	0.8?	?	
316.3	-0.0	14 37 40	-59 47	29 $\times$ 14	S	20?	0.4	(MSH 14-57)
317.3	-0.2	14 45 50	-59 34	11	S	4.7?	?	
318.2	+0.1	14 51 00	-58 51	40 $\times$ 35	S	>3.9?	?	
318.9	+0.4	14 54 40	-58 17	30 $\times$ 14	C	4?	0.2?	
320.4	-1.2	15 10 30	-58 58	35	C	60?	0.4	MSH 15-52, RCW 89
320.6	-1.6	15 21 50	-59 27	60 $\times$ 30	S	?	?	
321.9	-1.1	15 19 50	-58 02	28	S	>3.4?	?	
321.9	-0.3	15 16 45	-57 23	31 $\times$ 23	S	13	0.3	
322.5	-0.1	15 19 30	-56 55	15	C	1.5	0.4	
323.5	+0.1	15 24 50	-56 11	13	S	3?	0.4?	
326.3	-1.8	15 49 00	-56 00	38	C	145	varies	MSH 15-56
327.1	-1.1	15 50 30	-55 00	18	C	7?	?	
327.4	+0.4	15 44 30	-53 40	21	S	30?	0.6	Kes 27
327.4	+1.0	15 43 00	-53 11	14	S	1.9?	?	
327.6	+14.6	14 59 35	-41 44	30	S	19	0.6	SN1006, PKS 1459-41
328.4	+0.2	15 51 40	-53 08	6	F	16?	0.2	(MSH 15-57)
329.7	+0.4	15 57 30	-52 11	40 $\times$ 33	S	>34?	?	
330.0	+15.0	15 05 00	-39 30	180?	S	350?	0.5?	Lupus Loop
330.2	+1.0	15 57 20	-51 26	11	S?	5?	0.3	
332.0	+0.2	16 09 30	-50 45	12	S	8?	0.5	
332.4	-0.4	16 13 45	-50 55	10	S	28	0.5	RCW 103
332.4	+0.1	16 11 30	-50 35	15	S	26	0.5	MSH 16-51, Kes 32
335.2	+0.1	16 24 00	-48 40	21	S	16	0.5	
336.7	+0.5	16 28 30	-47 13	14 $\times$ 10	S	6	0.5	
337.0	-0.1	16 32 10	-47 27	13 $\times$ 7?	S?	17?	0.5?	(CTB 33)
337.2	-0.7	16 35 45	-47 45	6	S	2?	0.7	
337.3	+1.0	16 29 00	-46 30	15 $\times$ 12	S	16	0.55	Kes 40
337.8	-0.1	16 35 20	-46 53	9 $\times$ 6	S	18	0.5	Kes 41

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338.1	+0.4	16 34 20	-46 18	15?	S	4?	0.4	
338.3	-0.0	16 37 20	-46 28	8	S	7?	?	
338.5	+0.1	16 37 30	-46 13	9	?	12?	?	
340.4	+0.4	16 42 55	-44 34	10 $\times$ 7	S	5	0.4	
340.6	+0.3	16 44 05	-44 29	6	S	5?	0.4?	
341.2	+0.9	16 44 00	-43 42	16 $\times$ 22	C?	1.5?	0.6?	
341.9	-0.3	16 51 25	-43 56	7	S	2.5	0.5	
342.0	-0.2	16 51 15	-43 48	12 $\times$ 9	S	3.5?	0.4?	
342.1	+0.9	16 47 10	-42 59	10 $\times$ 9	S	0.5?	?	
343.1	-2.3	17 04 25	-44 12	32?	C?	8?	0.5?	
343.1	-0.7	16 56 50	-43 10	27 $\times$ 21	S	7.8	0.55	
344.7	-0.1	17 00 20	-41 38	10	C?	2.5?	0.5	
345.7	-0.2	17 03 50	-40 49	6	S	0.6?	?	
346.6	-0.2	17 06 50	-40 07	8	S	8?	0.5?	
348.5	-0.0	17 12 00	-38 25	10?	S?	10?	0.4?	
348.5	+0.1	17 10 40	-38 29	15	S	72	0.3	CTB 37A
348.7	+0.3	17 10 30	-38 08	17?	S	26	0.3	CTB 37B
349.2	-0.1	17 13 50	-38 01	9 $\times$ 6	S	1.4?	?	
349.7	+0.2	17 14 35	-37 23	2.5 $\times$ 2	S	20	0.5	
350.0	-1.8	17 23 40	-38 20	30?	S?	31	0.5	
351.2	+0.1	17 19 05	-36 08	7	C?	5?	0.4	
351.7	+0.8	17 17 40	-35 24	18 $\times$ 14	S	10?	?	
351.9	-0.9	17 25 30	-36 14	12 $\times$ 9	S	1.8?	?	
352.7	-0.1	17 24 20	-35 05	8 $\times$ 6	S	4	0.6	
354.1	+0.1	17 27 10	-33 44	15 $\times$ 3?	C?	?	varies?	
354.8	-0.8	17 32 40	-33 40	19	S	2.8?	?	
355.6	-0.0	17 32 00	-32 36	6 $\times$ 8	S	3?	?	
355.9	-2.5	17 42 35	-33 42	13	S	8	0.5	
356.3	-0.3	17 34 40	-32 14	7 $\times$ 11	S	3?	?	
356.3	-1.5	17 39 20	-32 51	15 $\times$ 20	S	3?	?	
357.7	-0.1	17 37 15	-30 56	3 $\times$ 8?	?	37	0.4	MSH 17-39
357.7	+0.3	17 35 20	-30 42	24	S	10	0.4?	
359.0	-0.9	17 43 35	-30 15	23	S	23	0.5	
359.1	-0.5	17 42 20	-29 56	24	S	14	0.4?	
359.1	+0.9	17 36 25	-29 09	11 $\times$ 12	S	5?	?	