

Table 1. Broad Band Data of NLS1s.

ID	Common Name	Mag	z	$f_{\text{ecm}}$ mJy	$f_{20\text{cm}}$ mJy	$f_{100\mu\text{m}}$ mJy	$f_{60\mu\text{m}}$ mJy	$f_{25\mu\text{m}}$ mJy	$f_{12\mu\text{m}}$ mJy	$K_s$ mag	H mag	J mag	F mag	V mag	$B_J$ mag	$F_x^a$	$\Gamma^G$	$N_H^{Gb}$	$\Gamma^F$	$N_H^{Fb}$
1	RXS J00001+0523	-20.5	0.04	...	...	...	...	...	...	...	...	...	15.24±.42	16.4	16.12±.42	37.59	2.98 <sup>+17</sup> <sub>-17</sub>	5.08	3.08 <sup>+1.15</sup> <sub>-1.07</sub>	5.41 <sup>+3.70</sup> <sub>-3.10</sub>
2	RXS J00201+3244	-21.5	0.082	...	...	...	...	...	...	13.563±.054	14.387±.062	15.145±.061	14.95±.42	17	16.08±.42	9.11	2.59 <sup>+36</sup> <sub>-44</sub>	5.64	2.76 <sup>+2.18</sup> <sub>-1.98</sub>	6.33 <sup>+9.30</sup> <sub>-5.90</sub>
3	RXS J00247+0820	-20.8	0.067	...	...	...	...	...	...	...	...	...	15.50±.43	17.2	16.48±.42	11.6	3.37 <sup>+53</sup> <sub>-48</sub>	4.79	...	...
4	RXS J00323+2423	-20.7	0.066	...	...	...	...	...	...	14.202±.065	14.531±.062	15.349±.056	15.54±.36	17.3	17.12±.36	6.11	2.25 <sup>+31</sup> <sub>-33</sub>	3.39	4.40 <sup>+1.55</sup> <sub>-2.21</sub>	10.66 <sup>+9.60</sup> <sub>-7.20</sub>
5	WPVS 7	-20.4	0.029	...	...	...	...	...	...	...	...	...	...	15.28	...	...	...	2.55	...	...
6	MARK 957	-22.3	0.073	...	16.24	3207	2095	245	<188.2	12.541±.050	13.413±.055	14.130±.069	11.87±.43	15.14	12.43±.41	7.57	2.21 <sup>+07</sup> <sub>-04</sub>	6.18	3.28 <sup>+26</sup> <sub>-19</sub>	12.33 <sup>+1.70</sup> <sub>-1.60</sub>
7	2E 0039-0158	-24.2	0.35	...	...	...	...	...	...	14.996±.119	15.954±.145	16.445±.094	16.77±.43	O17.5	17.34±.42	...	...	4.03	...	...
8	RXS J00444-2616	-20.8	0.061	...	...	...	...	...	...	...	...	...	...	17	...	1.24	2.08 <sup>+16</sup> <sub>-15</sub>	1.36	...	...
9	RXS J00449+1921	-23.2	0.181	7	...	<815.6	321.6	<182.2	<137.2	...	...	...	16.14±.42	O17	16.58±.43	22.5	3.26 <sup>+23</sup> <sub>-22</sub>	3.67	3.97 <sup>+1.95</sup> <sub>-1.69</sub>	5.80 <sup>+6.20</sup> <sub>-4.40</sub>
10	I Zw 1	-23.4	0.061	3	7.68	2634	2243	1211	511.8	10.231±.021	11.321±.032	12.445±.033	11.76±.43	14.03	12.65±.42	2.49 <sup>+04</sup> <sub>-04</sub>	4.99	3.16 <sup>+18</sup> <sub>-17</sub>	7.53 <sup>+70</sup> <sub>-70</sub>	...
11	TON S180	-23.3	0.062	...	...	<430.6	280.6	262.4	124.4	...	...	...	13.47±.42	14.41	13.46±.40	119.39	2.78 <sup>+02</sup> <sub>-03</sub>	1.55	3.31 <sup>+16</sup> <sub>-16</sub>	3.03 <sup>+50</sup> <sub>-40</sub>
12	DMS 0059-0055	-24.6	0.296	...	...	...	...	...	...	13.436±.043	14.393±.061	15.156±.049	15.98±.32	16.62	16.84±.35	9.96	3.24 <sup>+37</sup> <sub>-33</sub>	3.58	...	...
13	CTS B16-20	-20.7	0.054	...	...	...	...	...	...	...	...	...	13.95±.34	16.9	13.57±.23	11.7	2.3 <sup>+18</sup> <sub>-18</sub>	2.43	...	...
14	MS 01119-0132	-20.1	0.12	...	...	...	...	...	...	14.746±.094	15.634±.122	16.263±.093	16.61±.43	19.2	17.42±.42	1.35	2.08 <sup>+53</sup> <sub>-43</sub>	4.03	...	...
15	MARK 359	-20.2	0.017	...	3.79	1740	1132	437.6	119.2	...	...	...	9.67±.43	14.22	10.61±.41	58.84	2.54 <sup>+15</sup> <sub>-12</sub>	4.8	3.24 <sup>+63</sup> <sub>-60</sub>	7.48 <sup>+2.40</sup> <sub>-2.10</sub>
16	MCG-03.04-072	-21.4	0.043	...	...	...	...	...	...	12.642±.040	13.355±.040	14.158±.031	12.25±.40	15.7	12.46±.24	33.36	2.38 <sup>+10</sup> <sub>-1</sub>	1.59	...	...
17	2E 0129-0640	-23.6	0.22	...	...	...	...	...	...	...	...	...	16.98±.42	17.1	17.50±.33	8.97	4.13 <sup>+49</sup> <sub>-44</sub>	3.78	...	...
18	HE 0132-4313	-23.5	0.237	49	...	...	...	...	...	...	...	...	...	O17.3	...	...	...	1.82	...	...
19	2E 0132-4111	-23.5	0.27	...	...	...	...	...	...	14.734±.100	15.690±.134	16.183±.081	17.23±.43	O17.6	17.43±.28	2.44	3.41 <sup>+14</sup> <sub>-12</sub>	2.19	...	...
20	RXS J01354-0426	-23.7	0.155	...	7.21	<561.8	257.5	<230.5	<170.3	12.695±.032	13.860±.048	14.896±.042	15.22±.40	16.2	15.78±.26	54.67	3.46 <sup>+16</sup> <sub>-15</sub>	3.58	3.36 <sup>+1.41</sup> <sub>-1.23</sub>	3.66 <sup>+3.90</sup> <sub>-2.90</sub>
21	RXS J01369-3510	-23.3	0.289	...	...	...	...	...	...	15.064±.144	15.794±.145	16.584±.118	17.34±.40	18	17.62±.25	51.33	...	1.92	...	...
22	PHL 1092	-25.2	0.396	...	...	...	...	...	...	...	...	...	16.38±.28	*17	16.84±.30	...	4.07	4.36 <sup>+48</sup> <sub>-44</sub>	5.15 <sup>+1.30</sup> <sub>-1.10</sub>	...
23	RXS J01401+1129	-21.8	0.065	...	...	...	...	...	...	...	...	...	14.45±.36	16.2	15.57±.34	15.83	3.03 <sup>+28</sup> <sub>-31</sub>	4.95	3.65 <sup>+1.98</sup> <sub>-1.67</sub>	7.13 <sup>+6.60</sup> <sub>-5.00</sub>
24	RXS J01403+2402	-21.2	0.072	...	...	...	...	...	...	...	...	...	15.67±.43	17	16.85±.10	23.68	2.81 <sup>+35</sup> <sub>-35</sub>	8.41	...	...
25	RXS J01415-1528	-21	0.082	...	...	...	...	...	...	...	...	...	13.65±.37	17.5	13.64±.25	15.25	2.88 <sup>+3</sup> <sub>-17</sub>	1.64	...	...
26	NPM1G-00.0070	-22.4	0.08	...	4.28	...	...	...	...	13.756±.065	14.450±.072	15.194±.070	13.31±.42	16	13.48±.41	...	...	2.92	...	...
27	RXS J01483-2758	-23.8	0.121	...	...	<532	183.6	78.76	<61.31	...	...	...	15.28±.42	15.54	...	...	...	1.42	...	...
28	RXS J03232-4931	-21.7	0.071	...	...	...	...	...	...	14.476±.088	15.079±.094	15.947±.078	16.71±.42	O18.1	17.08±.27	...	2.75 <sup>+04</sup> <sub>-04</sub>	1.88	2.84 <sup>+31</sup> <sub>-30</sub>	2.37 <sup>+80</sup> <sub>-70</sub>
29	2E 0337-2645	-21	0.11	...	...	...	...	...	...	...	...	...	...	21.4	...	...	...	.94	...	...
30	AX J0341.4-4453	-21.8	0.672	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1.65	...	...
31	RXS J03431+1858	-22.4	0.11	...	2.77	...	...	...	...	12.532±.039	13.725±.040	14.762±.042	14.43±.33	16.7	16.01±.36	16.91	1.62 <sup>+54</sup> <sub>-61</sub>	13.7	...	...
32	EUVE J0349-537	-23.8	0.13	...	...	<591.1	180.4	99.76	72.91	...	...	...	15.52±.41	15.7	16.04±.29	5.17	2.81 <sup>+25</sup> <sub>-21</sub>	1.42	...	...
33	RXS J04047-2953	-20.3	0.06	...	...	...	...	...	...	14.185±.069	14.729±.071	15.604±.069	16.02±.39	17.5	16.47±.25	8.1	2.78 <sup>+18</sup> <sub>-18</sub>	1.23	...	...
34	F 303	-20.9	0.04	...	...	...	...	...	...	...	...	...	13.52±.38	15.6	14.32±.24	30.04	2.33 <sup>+04</sup> <sub>-04</sub>	1	...	...
35	IRAS 04312+4008	-20.2	0.02	...	15.56	...	...	...	...	...	...	...	18.34±.40	15.2	19.22±.38	23.45	1.25 <sup>+7</sup> <sub>-89</sub>	39.4	...	...
36	RXS J04397-4540	-24.1	0.224	...	...	...	...	...	...	...	...	...	...	16.6	...	32.75	4.03 <sup>+95</sup> <sub>-31</sub>	2.02	...	...

Table 1—Continued

ID	Common Name	Mag	z	$f_{6cm}$ mJy	$f_{20cm}$ mJy	$f_{100\mu m}$ mJy	$f_{60\mu m}$ mJy	$f_{25\mu m}$ mJy	$f_{12\mu m}$ mJy	$K_s$ mag	H mag	J mag	F mag	V mag	$B_J$ mag	$F_x^a$	$\Gamma^G$	$N_{H^b}$	$\Gamma^F$	$N_{H^b}$	$N_{H^b}$
37	MS 04400-1058	-22.4	0.279	...	...	...	...	...	...	15.366±.201	16.293±.204	16.770±.149	17.91±.45	18.8	18.58±.31	2.75	3.39 <sup>+13</sup> <sub>-13</sub>	5.97	3.62 <sup>+72</sup> <sub>-68</sub>	6.75 <sup>+2.40</sup> <sub>-2.10</sub>	
38	IRAS 04416+1215	-22.5	0.089	...	...	...	...	...	...	11.611±.035	12.719±.037	13.913±.039	15.16±.41	16.15	16.80±.41	26.42	2.38 <sup>+36</sup> <sub>-31</sub>	15.5	...	...	
39	RXS J04506+0642	-22.2	0.118	...	...	...	...	...	...	...	...	...	16.51±.43	17.1	17.02±.42	10.98	2.35 <sup>+74</sup> <sub>-71</sub>	9.07	...	...	
40	RXS J04547+4813	-24.1	0.363	...	...	...	...	...	...	...	...	...	17.27±.41	17.7	17.23±.28	11.55	3.62 <sup>+69</sup> <sub>-33</sub>	1.91	...	...	
41	IRAS 04576+0912	-20.2	0.037	...	11.9	2330	1652	329.7	133	...	...	...	11.25±.42	16.58	12.16±.42	...	...	12.7	...	...	
42	IRAS 04596-2257	-21.2	0.041	...	2.88	1184	878.4	252.7	141	12.320±.036	13.011±.036	13.774±.039	13.23±.42	15.13	13.32±.29	2.86	2.66 <sup>+05</sup> <sub>-05</sub>	2.62	2.92 <sup>+32</sup> <sub>-32</sub>	3.39 <sup>+90</sup> <sub>-80</sub>	
43	RX J05079-3411	-20.6	0.102	...	...	...	...	...	...	14.437±.084	15.287±.092	16.035±.085	...	18.4	...	...	...	2.26	...	...	
44	IRAS 05262+4432	-22.8	0.032	...	18.77	...	...	...	...	...	...	...	10.78±.42	13.6	13.47±.42	110.68	...	37.6	...	...	
45	PKS 0558-504	-24.4	0.137	113	...	<1025	209.7	81.43	<100.3	...	...	...	14.14±.34	14.97	14.18±.26	426.26	2.68 <sup>+1.1</sup> <sub>-1.1</sub>	4.39	2.83 <sup>+69</sup> <sub>-65</sub>	4.95 <sup>+2.20</sup> <sub>-2.00</sub>	
46	CTS H34.06	-20.2	0.032	...	...	<873.4	237.3	88.16	<61.38	...	...	...	13.50±.41	16.2	13.30±.29	44.18	3.04 <sup>+07</sup> <sub>-08</sub>	5.71	2.52 <sup>+49</sup> <sub>-49</sub>	4.10 <sup>+1.30</sup> <sub>-1.40</sub>	
47	IRAS 06269-0543	...	0.117	...	27.65	...	...	...	...	11.076±.027	12.268±.024	13.418±.030	14.61±.33	...	16.13±.34	...	...	40.9	...	...	
48	H 0707-495	-20.9	0.041	...	...	...	...	...	...	...	...	...	13.05±.38	15.7	13.72±.35	50.09	3.03 <sup>+27</sup> <sub>-29</sub>	5.79	3.16 <sup>+1.76</sup> <sub>-1.58</sub>	6.39 <sup>+6.30</sup> <sub>-4.80</sub>	
49	RXS J07101+5002	-23.1	0.154	...	...	...	...	...	...	13.377±.037	14.380±.052	15.244±.049	16.18±.41	16.8	16.86±.42	10	1.92 <sup>+43</sup> <sub>-58</sub>	7.36	...	...	
50	HS 0710+3825	-23.1	0.123	...	10.46	586.4	298.8	256.5	135.9	...	...	...	14.72±.42	16.3	15.08±.42	8.02	1.83 <sup>+33</sup> <sub>-54</sub>	4.78	2.82 <sup>+2.93</sup> <sub>-1.75</sub>	8.76 <sup>+42.10</sup> <sub>-6.40</sub>	
51	MCG 08.15-009	-20.1	0.024	...	2.84	<924.1	211.6	<114.1	<78.58	...	...	...	10.58±.43	15.16	11.69±.41	4.2	1.5 <sup>+72</sup> <sub>-72</sub>	5.2	...	...	
52	RXS J07527+2617	-21.5	0.082	...	1.27	...	...	...	...	13.603±.045	14.464±.062	15.267±.054	16.06±.42	16.98	16.62±.41	19.14	3.02 <sup>+23</sup> <sub>-22</sub>	3.94	...	...	
53	RXS J07570+5832	-22.8	0.168	...	...	...	...	...	...	13.438±.048	14.118±.054	14.947±.048	15.57±.42	17.7	17.21±.41	10.87	2.75 <sup>+26</sup> <sub>-26</sub>	4.14	3.64 <sup>+2.08</sup> <sub>-1.74</sub>	6.97 <sup>+6.90</sup> <sub>-5.10</sub>	
54	RXS J08066+7248	-21.2	0.099	20	48.49	...	...	...	...	13.102±.047	13.627±.062	14.313±.049	15.51±.37	16.8	16.61±.41	9.56	2.25 <sup>+31</sup> <sub>-34</sub>	3.08	...	...	
55	NPM1G+48.0114	-20.1	0.039	...	...	...	...	...	...	14.102±.080	14.985±.077	15.815±.076	15.56±.44	16.6	16.09±.42	7.23	3.22 <sup>+38</sup> <sub>-28</sub>	1.86	...	...	
56	RXS J09132+3658	-22.5	0.107	...	0.84	...	...	...	...	...	...	...	16.50±.36	17.2	16.93±.36	...	...	1.91	...	...	
57	RXS J09154+7841	-21.9	0.106	...	...	...	...	...	...	...	...	...	16.59±.41	*17.9	17.16±.42	20.96	3.25 <sup>+17</sup> <sub>-15</sub>	1.43	...	...	
58	RXS J09227+5120	-22.4	0.161	...	...	...	...	...	...	...	...	...	16.59±.41	*17.9	17.16±.42	20.96	3.25 <sup>+17</sup> <sub>-15</sub>	1.43	...	...	
59	IRAS 09426+1929	...	0.284	...	16.56	987.1	488.6	<148.8	98.59	13.568±.041	14.621±.055	15.630±.062	16.26±.42	...	17.06±.42	...	...	2.85	...	...	
60	2E 0944+4629	-21.8	0.35	...	...	...	...	...	...	...	...	...	...	019.9	...	1	2.2 <sup>+2</sup> <sub>-2</sub>	1.13	...	...	
61	MARK 1239	-20.3	0.019	19	60.84	<2412	1335	1141	650	9.713±.029	10.931±.036	12.219±.023	12.00±.42	14.39	12.66±.41	6.36	2.7 <sup>+07</sup> <sub>-07</sub>	4.03	3.66 <sup>+45</sup> <sub>-43</sub>	7.21 <sup>+1.50</sup> <sub>-1.40</sub>	
62	RXS J09571+2433	-22.7	0.082	...	6.33	...	...	...	...	13.431±.053	14.112±.057	14.963±.054	14.23±.31	15.8	14.77±.29	12.97	3.04 <sup>+23</sup> <sub>-2</sub>	2.79	3.41 <sup>+1.84</sup> <sub>-1.55</sub>	4.24 <sup>+5.40</sup> <sub>-3.70</sub>	
63	IRAS 09571+8435	-21.4	0.092	...	3.44	1306	386	106.3	66.76	...	...	...	15.63±.36	17.3	17.24±.32	...	...	4.28	...	...	
64	FBS 1002+437	-23.8	0.179	...	2.81	874	558.2	184.8	<127.7	12.688±.043	13.869±.051	14.821±.048	16.21±.42	16.39	16.15±.41	...	...	1.08	...	...	
65	CTS J03.19	-21.8	0.053	...	12.6	...	...	...	...	12.888±.047	13.500±.045	14.293±.047	...	15.7	...	33.9	3.26 <sup>+24</sup> <sub>-25</sub>	6.24	...	...	
66	RXS J10167+4210	-21.1	0.056	...	1.47	593.1	262.4	111.3	<67.2	12.599±.048	13.465±.065	14.358±.054	14.07±.42	16.6	14.90±.41	11.63	2.07 <sup>+04</sup> <sub>-04</sub>	1.13	2.66 <sup>+32</sup> <sub>-31</sub>	2.72 <sup>+90</sup> <sub>-80</sub>	
67	CG 59	-21.7	0.049	...	2.07	786.7	356.2	<175.7	88.78	12.634±.060	13.454±.090	14.197±.065	12.13±.42	15.7	12.91±.41	28	2.81 <sup>+14</sup> <sub>-13</sub>	2.51	2.88 <sup>+1.16</sup> <sub>-1.06</sub>	2.83 <sup>+3.20</sup> <sub>-2.40</sub>	
68	PG 1016+336	-19.9	0.024	...	...	...	...	...	...	12.560±.034	13.333±.046	14.214±.049	11.22±.42	15.93	12.03±.41	...	...	1.73	...	...	
69	MARK 142	-21	0.045	...	0.6	...	...	...	...	...	...	...	13.21±.42	15.77	14.07±.41	...	...	1.14	...	...	
70	2E 1028+3102	-21.5	0.25	...	...	...	...	...	...	18.17±.35	19.5	19.10±.33	14.7	...	...	...	...	1.94	...	...	
71	RXS J10327+3913	-21.3	0.064	...	...	...	...	...	...	13.848±.063	14.366±.059	15.260±.067	15.23±.39	16.6	15.85±.35	8.3	2.04 <sup>+17</sup> <sub>-17</sub>	1.49	...	...	
72	1E 1031+5822	-21.7	0.248	...	...	...	...	...	...	18.07±.37	18.66	18.77±.37	...	...	...	...	...	58	...	...	



Table 1—Continued

ID	Common Name	Mag	z	$f_{6cm}$ mJy	$f_{20cm}$ mJy	$f_{100\mu m}$ mJy	$f_{60\mu m}$ mJy	$f_{25\mu m}$ mJy	$f_{12\mu m}$ mJy	$K_s$ mag	H mag	J mag	F mag	V mag	$B_J$ mag	$F_x^a$	$\Gamma^G$	$N_H^{G,b}$	$\Gamma^F$	$N_H^{F,b}$
109	MARK 783	-22	0.067	3	32.54	<570.4	309.6	<199.2	<100.5	...	...	...	14.61±.38	15.55	14.65±.37	374.49	...	1.96	...	...
110	RX J13104-1322	-20.3	0.079	...	...	<816.4	334.2	<216.2	<213.4	14.062±.072	14.656±.062	15.440±.048	16.11±.43	18.1	16.93±.40	...	...	3.76	...	...
111	CTS M13.24	-20.4	0.063	...	...	...	...	...	...	13.480±.047	14.233±.059	14.954±.040	14.99±.31	17.5	14.57±.31	...	...	7.17	...	...
112	CSO 961	-22	0.075	...	...	...	...	...	...	...	...	...	15.59±.42	16.3	16.05±.41	21.71	2.87 <sup>+1.1</sup> <sub>-1</sub>	1.99	4.27 <sup>+1.18</sup> <sub>-0.98</sub>	4.39 <sup>+3.10</sup> <sub>-2.30</sub>
113	H 1318+692	-21	0.067	...	...	...	...	...	...	13.470±.052	14.202±.055	14.984±.047	15.35±.42	17.05	16.50±.41	...	...	1.75	...	...
114	IRAS 13224-3809	-24.2	0.065	...	...	2028	1560	259.1	<115	...	...	...	...	O13.8	42.15	3 <sup>+0.3</sup> <sub>-0.2</sub>	4.79	4.86 <sup>+2.0</sup> <sub>-2.1</sub>	10.62 <sup>+7.0</sup> <sub>-6.0</sub>	
115	RXS J13283+2409	-22.8	0.223	...	...	...	...	...	...	14.396±.093	15.429±.096	16.077±.095	17.13±.42	17.9	17.36±.13	...	...	1.16	...	...
116	RXS J13291+2950	-19.4	0.047	...	...	...	...	...	...	14.160±.076	14.689±.072	15.398±.075	14.84±.26	17.9	15.88±.26	...	...	1.16	...	...
117	IWGA J1334.1+3759	-21.8	0.386	...	...	...	...	...	...	...	...	...	...	R19.55	...	...	...	.83	...	...
118	IRAS 13349+2438	-24.1	0.107	7	19.23	<989.6	611.4	840.6	630.8	...	...	...	12.97±.31	15	14.03±.13	...	...	1.16	...	...
119	NPM1G-14.0512	-22	0.042	...	4.4	...	...	...	...	11.401±.035	12.452±.034	13.277±.043	10.14±.25	14.63	11.40±.23	27	2.2 <sup>+2.2</sup> <sub>-2.5</sub>	5.85	2.47 <sup>+1.03</sup> <sub>-0.99</sub>	6.90 <sup>+4.80</sup> <sub>-3.60</sub>
120	SBS 1346+503	-24.1	0.293	...	...	...	...	...	...	14.200±.090	15.285±.105	16.377±.124	17.18±.41	17.07	17.93±.41	7.66	3.28 <sup>+2.6</sup> <sub>-2.1</sub>	1.27	...	...
121	2E 1346+2637	-25	0.915	...	1.41	...	...	...	...	...	...	...	18.35±.43	O19	18.94±.43	4.55	3.1 <sup>+1.5</sup> <sub>-1.4</sub>	1.18	...	...
122	2E 1346+2646	-21.3	0.059	...	1.13	...	...	...	...	...	...	...	14.66±.41	16.5	15.37±.43	...	...	1.19	...	...
123	CTS J13.12	-18.8	0.012	...	...	...	...	...	...	12.002±.036	12.718±.036	13.455±.029	11.98±.42	15.5	13.35±.41	137.15	3.06 <sup>+1.2</sup> <sub>-1.5</sub>	7.73	3.09 <sup>+7.4</sup> <sub>-6.9</sub>	7.88 <sup>+2.70</sup> <sub>-2.50</sub>
124	Q 1349-439	-22.1	0.052	...	...	...	...	...	...	...	...	...	15.14±.37	15.4	15.90±.36	20.19	2.51 <sup>+3.7</sup> <sub>-5.3</sub>	6.08	...	...
125	SBS 1353+564	-22.3	0.122	...	5.59	...	...	...	...	13.333±.035	14.311±.055	15.077±.045	15.87±.41	17.1	16.36±.42	20.09	2.77 <sup>+1.9</sup> <sub>-1.5</sub>	1.13	3.79 <sup>+2.05</sup> <sub>-1.60</sub>	3.64 <sup>+5.70</sup> <sub>-3.30</sub>
126	RXS J13588+2511	-21.7	0.089	...	2.72	<726.7	260.1	<141.3	<112.5	12.999±.053	13.961±.051	14.828±.052	14.69±.41	17	15.40±.43	9.58	2.93 <sup>+2.2</sup> <sub>-1.5</sub>	1.38	...	...
127	RXS J14024+5739	-21	0.136	...	...	...	...	<149.2	<54.99	...	...	...	13.077±.040	14.061±.047	14.774±.042	15.60±.39	18.6	2.48 <sup>+2.7</sup> <sub>-2.3</sub>	1.35	...
128	RXS J14025+2159	-21.3	0.066	...	0.87	<487.8	252.1	<149.2	<54.99	...	...	...	15.49±.42	16.7	16.22±.42	19.58	2.69 <sup>+1.4</sup> <sub>-1.3</sub>	2.06	3.97 <sup>+1.35</sup> <sub>-1.15</sub>	5.80 <sup>+3.90</sup> <sub>-3.10</sub>
129	PG 1404+226	-23.1	0.098	1	2.25	...	...	...	...	14.435±.085	15.106±.087	16.046±.086	15.60±.39	18.6	16.35±.32	2.76	2.48 <sup>+2.7</sup> <sub>-2.3</sub>	1.35	...	...
130	RXS J14179+4311	-21.4	0.079	...	...	...	...	...	...	13.077±.040	14.061±.047	14.774±.042	15.60±.39	18.6	16.35±.32	2.76	2.48 <sup>+2.7</sup> <sub>-2.3</sub>	1.35	...	...
131	MARK 684	-21.9	0.046	...	2.96	750.3	433.8	129.2	109.9	13.924±.050	14.666±.068	15.566±.067	16.14±.42	17	17.12±.41	7.89	2.93 <sup>+1.9</sup> <sub>-1.6</sub>	1.19	...	...
132	RX J14414+5928	-20.9	0.135	...	...	...	...	...	...	11.893±.035	12.483±.044	13.214±.036	10.72±.42	14.68	11.21±.41	24.7	2.36 <sup>+1.0</sup> <sub>-0.9</sub>	1.48	2.88 <sup>+9.0</sup> <sub>-8.0</sub>	2.83 <sup>+2.50</sup> <sub>-1.90</sub>
133	MARK 478	-23.4	0.077	1	5.01	923.7	569.6	186.9	121.1	15.226±.119	15.778±.135	16.443±.112	17.14±.16	18.7	18.31±.12	...	...	1.52	...	...
134	PG 1448+273	-23	0.065	1	2.78	...	...	...	...	11.100±.032	12.059±.029	12.956±.029	13.05±.42	14.58	13.63±.13	132.49	2.83 <sup>+0.3</sup> <sub>-0.3</sub>	1.03	3.19 <sup>+3.1</sup> <sub>-3.0</sub>	1.81 <sup>+7.0</sup> <sub>-6.0</sub>
135	RX J14517+5241	-21.7	0.205	...	...	...	...	...	...	...	...	...	13.06±.42	15.01	13.87±.41	47.74	2.46 <sup>+0.8</sup> <sub>-0.8</sub>	2.44	...	...
136	IRAS 15091-2107	-21.4	0.044	22	45.41	1555	1521	498.6	230.4	14.624±.128	15.388±.130	16.135±.113	16.75±.42	18.8	17.62±.10	...	...	1.69	...	...
137	2E 1511+6707	-23.8	0.31	...	...	...	...	...	...	10.992±.034	11.928±.027	12.823±.032	...	14.83	...	...	...	8.42	...	...
138	RXS J15161+1504	-20.6	0.083	...	...	...	...	...	...	14.686±.123	15.809±.187	16.698±.166	...	17.7	...	...	...	2.31	...	...
139	RXS J15222+1648	-21.1	0.083	...	...	...	...	...	...	...	...	...	13.61±.00	17.9	16.15±.38	21.55	2.71 <sup>+2.2</sup> <sub>-1.9</sub>	2.41	3.46 <sup>+1.77</sup> <sub>-1.50</sub>	4.84 <sup>+5.20</sup> <sub>-3.80</sub>
140	RXS J15308+2026	-23.9	0.216	...	2.14	<527.8	203.5	97.99	<81.13	13.706±.045	14.521±.052	15.258±.055	13.84±.00	17.4	16.37±.33	49.23	3.26 <sup>+1.6</sup> <sub>-1.5</sub>	2.93	3.36 <sup>+1.31</sup> <sub>-1.15</sub>	3.66 <sup>+3.70</sup> <sub>-2.70</sub>
141	RXS J15316+2019	-20.2	0.051	...	...	...	...	...	...	12.630±.040	13.575±.041	14.556±.038	14.98±.33	16.7	16.46±.43	20.46	2.25 <sup>+2.7</sup> <sub>-2.7</sub>	4.71	...	...
142	RXS J15375+4943	-22.1	0.28	...	1.43	...	...	...	...	13.251±.044	14.099±.046	14.980±.048	15.20±.35	17.2	16.78±.43	17.54	2.17 <sup>+2.1</sup> <sub>-2.1</sub>	4.72	2.53 <sup>+1.27</sup> <sub>-1.22</sub>	6.03 <sup>+4.90</sup> <sub>-4.00</sub>
143	RXS J15475+1024	-23.4	0.138	...	2.78	...	...	...	...	...	...	...	...	19.1	...	21.3	3.22 <sup>+1.2</sup> <sub>-1.1</sub>	1.58	...	...
144	MARK 291	-20.5	0.035	...	1.85	<975.6	336.8	<88.43	<66.21	...	...	...	15.40±.42	16.2	16.19±.39	25.02	3.1 <sup>+1.7</sup> <sub>-1.7</sub>	3.51	4.64 <sup>+&gt;1.34</sup> <sub>-1.33</sub>	8.20 <sup>+&gt;4.50</sup> <sub>-3.90</sub>
													12.12±.42	15.51	13.05±.42	5.58	2.71 <sup>+1.9</sup> <sub>-1.9</sub>	3.44	...	...

Table 1—Continued

ID	Common Name	Mag	z	$f_{6cm}$ mJy	$f_{20cm}$ mJy	$f_{100\mu m}$ mJy	$f_{60\mu m}$ mJy	$f_{25\mu m}$ mJy	$f_{12\mu m}$ mJy	$K_s$ mag	H mag	J mag	F mag	V mag	$B_J$ mag	$F_x^a$	$\Gamma^G$	$N_H^{G^b}$	$\Gamma^F$	$N_H^b$	
145	MARK 493	-20.7	0.031	1	4.99	1294	693.7	191.8	88.05	11.784±0.035	12.703±0.039	13.547±0.047	9.55±.26	15.06	10.83±.25	...	...	2.11	...	...	
146	2E 1557+2712	-20.7	0.065	...	...	...	...	...	...	...	...	...	14.07±.42	16.33	15.25±.42	2.03	1.67 <sup>+18</sup> <sub>-19</sub>	4.26	...	...	
147	2E 1606+2917	-22.4	0.169	...	...	...	...	...	...	...	...	...	16.92±.37	17.7	17.54±.37	...	...	3.16	...	...	
148	IRAS 16075+2838	...	0.169	...	...	1006	840.5	106.4	<89.38	...	...	...	...	...	...	...	...	3.4	...	...	
149	RXS J16181+3619	-20	0.034	...	...	...	...	...	...	13.641±.063	14.175±.062	14.944±.059	13.53±.43	16.6	14.53±.42	33.74	2.58 <sup>+05</sup> <sub>-06</sub>	1.28	2.79 <sup>+54</sup> <sub>-52</sub>	1.85 <sup>+1.30</sup> <sub>-1.10</sub>	
150	RX J16196+2543	-24	0.268	...	2.1	...	...	...	...	13.194±.051	13.857±.056	14.494±.058	11.12±.41	16	16.88±.42	...	...	3.96	...	...	
151	KUG 1618+410	-20.8	0.038	...	...	...	...	...	...	...	...	...	17.49±.41	18.3	18.03±.41	...	...	.85	...	...	
152	RXS J16290+4007	-22.9	0.272	22	8.51	...	...	...	...	...	...	...	14.21±.26	16.9	15.22±.24	...	...	1.57	...	...	
153	RXS J16333+4718	-22.4	0.116	47	67.41	1123	594.5	101.8	<53.84	...	...	...	14.21±.26	16.9	15.22±.24	...	...	1.57	...	...	
154	2E 1640+5345	-21.6	0.14	43	27.45	...	...	...	...	14.083±.065	14.605±.063	15.327±.056	14.71±.43	18.1	16.18±.36	.85	1.91 <sup>+11</sup> <sub>-11</sub>	2.6	1.77 <sup>+57</sup> <sub>-58</sub>	2.21 <sup>+1.70</sup> <sub>-1.50</sub>	
155	RXS J16446+2619	-22.6	0.145	...	124.13	...	...	...	...	...	...	...	16.37±.42	17.1	17.15±.44	6.75	1.8 <sup>+24</sup> <sub>-24</sub>	4.29	...	...	
156	RXS J16526+4417	-22.7	0.135	...	...	<369	154.8	<61.29	<72.4	13.425±.041	14.389±.054	15.199±.049	15.31±.37	16.9	16.43±.37	28.42	3.04 <sup>+1</sup> <sub>-08</sub>	1.77	...	...	
157	EXO 1652.4+3930	-21.4	0.069	...	...	...	...	...	...	13.601±.066	14.373±.075	15.003±.063	...	16.7	...	...	...	1.72	...	...	
158	RXS J16594+4246	-23.2	0.175	...	...	<788.6	326.7	166.5	91.64	12.837±.035	14.023±.045	15.192±.050	16.28±.42	17	16.51±.42	26.07	3.05 <sup>+12</sup> <sub>-12</sub>	2.13	3.31 <sup>+110</sup> <sub>-99</sub>	3.03 <sup>+3.00</sup> <sub>-2.20</sub>	
159	MARK 504	-20.1	0.036	...	...	...	...	...	...	...	...	...	11.28±.23	15.78	13.00±.22	7.31	1.24 <sup>+28</sup> <sub>-33</sub>	4.19	...	...	
160	RXS J17025+3247	-23.7	0.164	...	1.52	...	...	...	...	12.497±.038	13.553±.036	14.481±.035	...	O16.3	15.63±.41	...	...	2.44	...	...	
161	B3 1702+457	-22.7	0.061	26	118.68	1463	1157	415.9	152.6	11.695±.035	12.657±.032	13.620±.036	12.25±.42	15.1	13.44±.42	46.09	1.94 <sup>+06</sup> <sub>-07</sub>	2.22	2.83 <sup>+42</sup> <sub>-41</sub>	4.95 <sup>+1.40</sup> <sub>-1.30</sub>	
162	NPM1G+48.0362	-21.3	0.054	1	...	<741.9	280.9	78.98	<54.59	...	...	...	12.10±.34	16.3	12.64±.36	19.72	2.62 <sup>+08</sup> <sub>-08</sub>	2.78	2.91 <sup>+66</sup> <sub>-63</sub>	3.78 <sup>+1.90</sup> <sub>-1.70</sub>	
163	KAZ 163	-22.4	0.063	...	...	<726.8	279.5	115.8	<86.2	13.024±.065	13.445±.079	14.141±.050	10.90±.43	15.01	12.11±.41	...	...	4.38	...	...	
164	MARK 507	-21.2	0.053	...	4.65	966.3	544.5	104.2	53.08	12.383±.039	13.040±.053	13.822±.049	12.88±.43	15.45	14.05±.41	2.12	1.73 <sup>+09</sup> <sub>-09</sub>	4.38	1.80 <sup>+37</sup> <sub>-35</sub>	4.79 <sup>+1.40</sup> <sub>-1.40</sub>	
165	2E 1805+7005	-21.9	0.19	...	...	...	...	...	...	14.925±.162	15.629±.136	16.289±.110	17.35±.35	18.49	18.55±.34	3.42	2.7 <sup>+14</sup> <sub>-14</sub>	4.64	2.29 <sup>+73</sup> <sub>-73</sub>	3.35 <sup>+2.30</sup> <sub>-2.00</sub>	
166	HS 1817+5342	-23.2	0.08	...	...	<476.3	214.3	192.9	118.7	11.862±.029	12.870±.035	13.719±.030	14.80±.39	O15.2	15.66±.39	67.27	3.41 <sup>+06</sup> <sub>-06</sub>	3.4	3.91 <sup>+50</sup> <sub>-50</sub>	5.10 <sup>+1.50</sup> <sub>-1.40</sub>	
167	HS 1831+5338	-21	0.039	...	...	...	...	...	...	13.298±.046	13.999±.052	14.742±.050	13.54±.42	15.9	14.61±.41	4.89	2.38 <sup>+18</sup> <sub>-18</sub>	3.82	2.82 <sup>+105</sup> <sub>-100</sub>	5.25 <sup>+3.60</sup> <sub>-3.30</sub>	
168	RXS J19091+6652	-24.2	0.191	...	...	...	...	...	...	...	...	...	16.10±.25	16.2	16.63±.25	22.37	3.49 <sup>+12</sup> <sub>-12</sub>	5.92	2.90 <sup>+72</sup> <sub>-72</sub>	4.14 <sup>+2.00</sup> <sub>-2.00</sub>	
169	RXS J20002-5417	-21.3	0.061	...	...	...	...	...	...	...	...	...	...	16.5	...	27.31	2.9 <sup>+28</sup> <sub>-31</sub>	5.15	...	...	
170	ESO 399-IG20	-20.4	0.025	...	7.87	<1475	542.3	166.7	114.3	...	...	...	10.56±.15	14.51	10.81±.10	39.7	2.38 <sup>+27</sup> <sub>-33</sub>	7.12	1.80 <sup>+110</sup> <sub>-109</sub>	4.79 <sup>+4.40</sup> <sub>-3.60</sub>	
171	IRAS 20181-2244	-23.5	0.185	...	23.85	885.4	568.1	<199.1	<93.22	14.812±.098	14.975±.070	15.424±.054	16.33±.42	16.8	17.15±.42	...	...	5.96	...	...	
172	RXS J20394-3018	-22.4	0.08	...	5.51	...	...	...	...	12.389±.032	13.433±.038	14.311±.032	...	16	...	...	...	...	...	...	
173	MARK 896	-20.8	0.027	38	...	1041	513.4	127.9	124.6	11.494±.040	12.338±.035	13.284±.042	...	14.61	...	...	2.28 <sup>+15</sup> <sub>-18</sub>	5.18	3.37 <sup>+101</sup> <sub>-87</sub>	9.72 <sup>+3.90</sup> <sub>-3.50</sub>	
174	IRAS 20520-2329	-23.1	0.206	...	5.35	1539	803.4	<169.8	<128	12.462±.030	13.569±.033	14.633±.030	15.91±.38	O17.4	16.76±.37	20.51	3.36 <sup>+28</sup> <sub>-29</sub>	5.2	...	3.92 <sup>+50</sup> <sub>-50</sub>	
175	Zw 374.029	-19.4	0.013	...	...	...	...	...	...	...	...	...	10.22±.41	15.1	11.13±.42	...	...	7.86	...	...	
176	RXS J21127-3730	-20	0.042	...	...	...	...	...	...	...	...	...	...	17	...	...	37.58	3.13 <sup>+18</sup> <sub>-18</sub>	4.35	2.97 <sup>+129</sup> <sub>-136</sub>	3.98 <sup>+3.90</sup> <sub>-3.00</sub>
177	RXS J21354-6230	-21.4	0.061	...	...	...	...	...	...	...	...	...	...	16.4	...	27.5	3.04 <sup>+18</sup> <sub>-18</sub>	3.46	2.92 <sup>+124</sup> <sub>-124</sub>	3.39 <sup>+2.90</sup> <sub>-2.90</sub>	
178	Zw 493.004	-21.4	0.043	...	4.58	...	...	...	...	...	...	...	11.03±.42	15.7	12.10±.42	...	...	13.6	...	...	
179	RXS J21441-3949	-21.7	0.14	...	...	...	...	...	...	...	...	...	17.39±.34	18	18.01±.22	32.39	3.18 <sup>+16</sup> <sub>-15</sub>	2.26	4.43 <sup>+156</sup> <sub>-127</sub>	5.98 <sup>+4.30</sup> <sub>-3.30</sub>	
180	1WGA J2153.3-1513	-23.7	0.078	...	...	...	...	...	...	...	...	...	15.85±.42	14.7	16.15±.25	304.18	...	3.99	...	...	

Table 1—Continued

ID	Common Name	Mag	z	$f_{6cm}$ mJy	$f_{20cm}$ mJy	$f_{100\mu m}$ mJy	$f_{60\mu m}$ mJy	$f_{25\mu m}$ mJy	$f_{12\mu m}$ mJy	$K_s$ mag	H mag	J mag	F mag	V mag	$B_J$ mag	$F_x^a$	$\Gamma^G$	$N^G_b$	$\Gamma^F$	$N^F_b$
181	PHL 1811	-26.5	0.192	...	2.32	<857.7	329.5	194.9	<136.3	11.659±0.28	12.748±0.30	13.497±0.30	14.07±0.41	13.9	14.08±.13	...	...	3.73	...	...
182	NGC 7158	-18.8	0.028	...	...	...	...	...	...	12.849±0.060	13.509±0.053	14.161±0.062	...	17.3	...	33.11	2.97 <sup>+18</sup> <sub>-17</sub>	3.93	3.53 <sup>+1.38</sup> <sub>-1.22</sub>	5.66 <sup>+4.30</sup> <sub>-3.40</sub>
183	RXS J22130-1710	-22.6	0.146	...	2.32	...	...	...	...	14.072±0.073	14.741±0.077	15.427±0.063	...	17.2	...	...	...	2.54	...	...
184	RXS J22169-4451	-24.5	0.136	...	...	...	...	...	...	12.473±0.031	13.603±0.039	14.493±0.036	15.18±0.43	O15.1	15.65±.18	118.53	3.5 <sup>+15</sup> <sub>-14</sub>	2.24	...	...
185	RXS J22179-5941	-23.8	0.16	...	...	...	...	...	...	...	...	...	16.06±.24	16.2	16.51±.17	98.04	3.74 <sup>+13</sup> <sub>-13</sub>	2.56	3.71 <sup>+1.15</sup> <sub>-.99</sub>	2.91 <sup>+3.00</sup> <sub>-2.00</sub>
186	RXS J22186+0802	-22.7	0.12	...	2.65	...	...	...	...	...	...	...	14.45±.41	16.6	15.36±.42	7.13	.97 <sup>+1.02</sup> <sub>-.51</sub>	6.46	...	...
187	II Zw 177	-22.2	0.082	...	...	...	...	...	...	13.309±0.057	14.050±0.047	14.806±0.052	15.06±.41	16.32	16.00±.42	67.16	3.6 <sup>+21</sup> <sub>-.2</sub>	5.41	5.42 <sup>+&gt;.49</sup> <sub>-1.47</sub>	11.41 <sup>+&gt;2.40</sup> <sub>-4.60</sub>
188	RXS J22218-2713	-22.3	0.177	...	...	...	...	...	...	14.334±0.079	15.595±.123	16.589±.155	17.33±.41	17.9	17.52±.31	12.47	2.83 <sup>+18</sup> <sub>-.16</sub>	1.37	...	...
189	EXO 2232.4-3733	-22.9	0.209	...	...	...	...	...	...	...	...	...	...	17.7	...	...	...	1.16	...	...
190	RXS J22418-4405	-26.9	0.545	...	...	...	...	...	...	13.468±0.050	14.286±0.060	15.037±0.052	15.70±.31	15.8	15.94±.22	24.37	3.38 <sup>+23</sup> <sub>-.19</sub>	1.82	...	...
191	RXS J22426-3845	-23.8	0.221	...	...	...	...	...	...	...	...	...	...	16.9	...	32.99	3.35 <sup>+1.9</sup> <sub>-.16</sub>	1.42	4.77 <sup>+1.12</sup> <sub>-1.50</sub>	4.78 <sup>+&gt;3.30</sup> <sub>-3.40</sub>
192	AKN 564	-21	0.025	...	28.06	1138	826.8	564.9	<298.7	11.462±0.029	12.422±0.036	13.314±0.029	9.79±.33	14.16	10.83±.32	...	...	6.4	...	...
193	RXS J22453-4652	-25.7	0.201	...	...	692.8	451.5	149.6	123.5	...	...	...	14.28±.42	14.8	14.94±.30	...	...	2.28	...	...
194	IRAS 22453-1744	-21.8	0.117	...	15.59	984.7	788.8	280.5	<260	12.962±0.041	13.896±0.053	14.767±0.037	14.69±.42	17.43	14.62±.31	13.39	2.74 <sup>+41</sup> <sub>-.38</sub>	2.8	...	...
195	HS 2247+1044	-22.7	0.083	...	...	...	...	...	...	...	...	...	13.43±.40	15.8	14.81±.40	21.13	2.69 <sup>+25</sup> <sub>-.21</sub>	5.3	2.81 <sup>+1.43</sup> <sub>-1.34</sub>	5.73 <sup>+5.00</sup> <sub>-4.00</sub>
196	RXS J22521+2642	-22	0.067	...	...	<2438	739.7	148.5	<67.18	13.081±0.043	13.887±0.045	14.660±0.050	14.23±.42	16	15.19±.41	16.4	2.76 <sup>+24</sup> <sub>-.27</sub>	5.4	3.22 <sup>+1.58</sup> <sub>-1.44</sub>	7.07 <sup>+5.80</sup> <sub>-4.50</sub>
197	MS 22549-3712	-20.9	0.039	1	...	<1075	475.9	222.3	<160	...	...	...	...	16	...	...	...	1.17	...	...
198	KAZ 320	-19.8	0.034	...	3.34	...	...	...	...	...	...	...	13.13±.38	16.8	14.23±.37	34.23	1.64 <sup>+12</sup> <sub>-.12</sub>	5.21	3.03 <sup>+68</sup> <sub>-.60</sub>	11.73 <sup>+4.80</sup> <sub>-3.00</sub>
199	RXS J23018-5508	-24.1	0.14	...	...	678.8	437.6	99.51	<98.19	...	...	...	14.57±.12	O15.6	14.89±.13	...	...	1.54	...	...
200	RXS J23149+2243	-23.2	0.169	...	16.69	<3435	359.1	206.7	<151.5	...	...	...	15.41±.42	16.3	16.70±.43	8.18	1.95 <sup>+3</sup> <sub>-.37</sub>	5.75	...	...
201	RXS J23178-4422	-22.8	0.134	...	...	...	...	...	...	...	...	...	15.95±.31	16.8	15.87±.21	56.33	3.73 <sup>+23</sup> <sub>-.19</sub>	1.83	...	...
202	ESO 407-IG17	-21.3	0.091	...	...	...	...	...	...	...	...	...	...	17.4	...	...	...	1.64	...	...
203	RXS J23406-5329	-23.9	0.321	...	...	...	...	...	...	...	...	...	16.18±.00	17.6	17.61±.30	16.91	3.56 <sup>+71</sup> <sub>-.45</sub>	1.83	...	...
204	MS 23409-1511	-22.7	0.137	...	...	...	...	...	...	13.007±0.035	14.016±0.037	14.786±0.036	15.44±.31	O16.9	16.01±.20	55.07	3.09 <sup>+16</sup> <sub>-.14</sub>	2.2	5.09 <sup>+84</sup> <sub>-1.22</sub>	7.63 <sup>+&gt;2.70</sup> <sub>-3.20</sub>
205	IRAS 23410+0228	-20.9	0.091	...	5.74	2199	2280	447	<153	...	...	...	14.93±.41	17.8	16.14±.40	10.06	3.24 <sup>+44</sup> <sub>-.43</sub>	4.86	...	...

<sup>a</sup>in units of  $10^{-12}$  erg  $\text{cm}^{-2}$   $\text{s}^{-1}$ .

<sup>b</sup>in units of  $10^{20}$   $\text{cm}^{-2}$ .