

Alan,

This is my best guess at the current status of VLA observations of 3CRR. There are ~22 sources which I believe have not been looked at, including some quite juicy ones. The encouraging thing is how much has been done reasonably well. Suggested participation:

Brodie (editor & chief back) ✓

Laing ✓

Wardle

Burns ✓ OK

Perley

Owen ✓ OK

Kellerman / Owen ✓ OK

Other people have few enough sources that they may not mind them being ripped off.

There are some necessary observations (eg 3C78.1) & a number of sources which should be looked

at with a compact array. I've queried the Kellerman & Owen project too far, because I know 4 or 5 of the results. There should be little overlap with my stuff.

R.

RAC's test guess as of March 1981. From Manning to ... not guaranteed. Should be checked against RGC's list.

VLA observations of sources in "3CRR"

Sample from Laing, Riley & Longin (1983) + NGC 315

Source	Observers	Configuration
4C12.03	n/o	
3C 6.1	LOP	6A
3C 9	Kronberg <u>et al</u>	6A + ...
13	LOP	6A
14	LOP	6A
16	LOP	6A ? bigger
20	L	UTS.
22	LOP	6A
28	n/o?	? energy? large scale?
NGC 315	Pringle <u>et al</u>	
31	Pringle <u>et al</u>	? ?
33	Dreher	6A + ...? <sup>Who knows?</sup> Needs compact array
34	LOP	6A
35	n/o	
41	LOP	6A
42	? Wardle	?
43	PP	6A
46	n/o	
47	BB; Wardle?	6B?
48	PP	6A, 2A, ...
49	PP	6A
55	n/o	
61.1	Owen, Dreher	B ? 2A, Com... Should be done in
66B	GOP	6A, 20A, ...
65	LOP	6A
67	PP	6A
68.1	n/o	
68.2	LOP	6A
76.1	Vallée	Ugh
79	Wardle?	?
83-1B	Owen / O'Dea	Lots
84	? Connell	Has anyone done this properly
98	? Dreher	6A. Wrong array
109	Spangler, <u>et al</u>	6B/20A? High res.
4C 14.11	n/o	
3C122	L	UTS

3C 132	? Wurdle	?
138	PP	6A
147	Kellerman & Crane	G, 2, 1 A
153	L	lots
171	L	lots
172	LOP	6A
173.1	n/o	
175	? Wurdle	
187	n/o ?	6A
186	LOP	6A. Needs <u>comput array</u>
186.1	Laig & Miller	
186	PP ?	?
DA 240	van B, Brindle, .....	6A
3C 190	PP	6A
191	PP	6BB, 20 B
192	Laig & Spranger	lots
196	L	6A
200	BB	6A Needs <u>comput array</u>
14.27	LOP	lots
202	L, & others	u
205	L	G ?
207	Wurdle	lots
208	Laig & Pruhs, BB	u
212	L	?
215	Wurdle	6A
217	LOP	
216	Cal. prog ?	?
219	Perley <u>et al</u>	6 ?
220.1	? BB	6A
220.3	LOP	
223	n/o	6A
225B	LOP	6A
226	LOP	
4C 73.08	n/o	6A
3C 228	LOP	6A, .....
231	Kronberg	6B + ?
234	BB, Breher, .....	Z, 1A . ? 327
236	B & F (core)	

3C 239	LOP	6A	
4C 74.16	LOP	6A	
3C 241	LOP, PP	6A	
2 244.1	Carig + Poku	Lots	
245	I'm not sure, but I have seen a map	? Hatzge et al	? 20A Do again
247	LOP	6A	
249.1	Carig, Waddle, ...	Lots	
252	LOP	6A	
252	Carig + Poku	Lots	
263	? Waddle	6?	
263.1	Carig + Poku	Lots	
264	Bundle etc	?	Component assay?
265	LOP	6A	
266	LOP	6A	
267	LOP	6A	
268.1	LOP	6A	
268.3	PP	6A	
268.4	L	Lots	
270.1	Burns + Co.	6A+?	
272.1	Carig + Bundle	Too many	
274	Owen + Co.	2, 6A	Halo 327?
1227+119	n/o?		
3C 274.1	n/o		
275.1	Burns + Co	6A+	
277.2	LOP	6A	
280	Carig	Lots	
284	n/o?		
285	Sastan + Co	?	Do again!!
287	Cal pug?		
286	"		Yes, but can we see a good map?
288	Bundle + Co.	6? 6A, 20A	
289	LOP	6A	
292	LOP	6A	Component assay
293	Bundle et al	?	
294	LOP	6A	
295	Carig	Lots	
296	Carig / Poku	6, 20A / ?	Do again?

299	Pearson	GA	? B array
300	n/o		More more. Can I do this one?
303	Komborg	GA, 2A, ---	
305	Hickman & co.	Too many	
309.1	Perley?		Why no more V/A maps?
310	van B & co.	?	
314.1	n/o		
315	B & F	?	Do again
318	Cal prog?		
319	B & F	?	Good enough?
321	Broder?	GA	Needs computer array
322	LOP	GA	
324	LOP	GA	
325	LOP	GA	
326	n/o		327? Done 20w
330	LOP	GA	
NGE 6109	Bruno <u>std</u>	?	Computer array.
3C 334	Wardle	GB	
336	Swamp	GA	<u>Repeat</u> or reanalyze
341	Bondle <u>std</u>	GA	yes, well...
338	Bruno	?	
337	LOP	GA	
340	LOP	GA	
343	<del>Cal prog</del> Cal prog?	<del>GA</del>	
343.1	PP?	GA	
NGE 6257	Perley <u>std</u>	Far too many	
3C 345	Perley	?	
346	n/o		
349	n/o		
357	Caring	GA	
352	LOP	GA	
356	LOP	<del>GA</del> GA	
4C 16.69	LOP	GA	
13.66	LOP	GA	
3C 368	LOP	GA	
380	Perley	GA?	Could do better?
387	Caring & Miller	GA, 2A	Computer array?
382	n/o?		

386	n/o ?		
388	Bruno	?	or ?
390.3	Archer	Old 2.	Repeat, Short Springs
401	Lairg (with us)	LOP	
427.1	LOP	GA	
432	? Wardle	6?	
433	Van B & Co.	?	
436	n/o		
437	LOP	GA	
438	Brodie, Lairg, Farnhill	GA	
441	LOP	GA	
442A	Cannell	?	
449	Cannell + Perley	6B, 20A	Complete any
NOC 7235	<u>Handa et al</u>	Old 6	Repeat?
3C 452	Lairg, Perley	6C, 20B, ...	Higher res
454	PP	GA	
452.3	Perley		
455	LOP	GA	
467	n/o		
468	<u>Etlich et al</u>	?	
469.1	LOP	GA	
470	LOP	GA	

Abbreviations:

L	Lairg
LOP	Lairg, Owen + Puntell
PP	Perley + Pearson
B & F	Brodie + Farnhill
n/o	not derived.

This is the 3000 grasses sample. As you can see, there are ~10 donations to do at end of 2 & 6c, less any already done by Waddle et al. I would have thought that this would not be too difficult.

R.

# The 3CRR quasar sample (including stellar objects)

Source	Observer	Array	Jet?
3C 9	Kronberg <u>et al</u>	6A+	Yes
14	LOP	6A	Yes
43(C)	PP	6A	No
47	Burns	6B	No
48(C)	PP	6A+	No
68.1	n/o		
138(C)	Perley?	?	No
147(C)	Kellerman & Coombe	2A, 1A	Yes
175	? Wardle	6?	?
187	? n/o		
186(C?)	? PP	6A	No
190	PP	6A	No (not resolved)
191	PP	6A	No (not resolved)
196	L	2A, 6A	No
204	L	18A, 6A	Yes
205	L	6A	No
207	Wardle	6B	Yes
208	Caring & Becker, ...	6A	Yes
212	L	6A	Yes
215	Wardle	6B	Probably (need higher resolution)
216(C)	Perley?	6A?	No
245	Hintzen <u>et al</u>	20A	No (not resolved)
249.1	Caring	6A, ...	Yes
254	Caring & Becker	6A, ...	No
263	? Wardle	? 6B	?
268.4	Caring	6A	Knob
270.1	Burns <u>et al</u>	6A	? (self?)
275.1	"	6A	Yes
287(C)	Perley		No
286(C)	Perley		No
309.1(C?)	?	?	Yes?
325	LOP	6A	Knob
334	Wardle	6B	Yes
336	Swamp	6A	? (had by Pa)



343 (c.)	Perley?	?	No
345 (c)	"	?	Yes
357	Caring	GA	Yes
4016.49	Caring	GA	Knots (prob yes)
380 (c.)	Perley?	?	Maybe
432	no?		
454 (c.)	PP	GA	No
452.3 (c)	Perley?	?	Yes
453	OP	GA	No (not resolved)

Totals 43

C =>  $\geq 1/2$  flux density for a compact core.

~~ex~~

Non-C

29

10 clear jets

3 possible jets

C

14

3 clear jets

2 possible jets

If one restricts oneself to sources which are reasonably resolved at Gen, A array, the % with jets goes up.

Perhaps 3C309.1 should be moved to "non-C". I don't know. Consider "non-C" only?

Requirements

(i) Gen, A array, v1 km.

3C68.1

175

187

215

245

263 < 309.1?

336

432

If nobody has done this -

(2) Lem, A army

3C 187

190

191

? 196 age

? 245

309.1?

455

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We need to : (1) Decide how to define the sample (all? all with stable lobes? ...)

Burns <sup>3ell</sup> OK  
Kellermann / Kern OK  
Doh OK

(2) Check with Burns, Wards, and U at a status of their observations

(3) Block out a list of ~10 x 6  
+ 10 x 2 observations

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NEJ  
additions

This list is maintained by:

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Please feel free to use it for any research purpose. Acknowledgement of its contribution to any publication that makes extensive use of it will however be appreciated, as many man-hours have gone into compiling it.

Jets:

IAU Name	Other Name(s)	ID	VMagn	Reds	FWHM-Hb	P 60mu
0017+154	3C 9	Q	18.21	2.0120 ✓		ERROR
0017+257	4C25.01	Q	15.4	0.2800 ✓		ERROR
0033+183	3C 14	Q	20	1.4690 ✓		ERROR
0034+25A	B2	G	14.8	0.0321		ERROR
0038-019	4C-02.04	Q	18.5	1.6900 ✓		ERROR
0043+201	4C20.04	G	14.7	0.1063		ERROR
0048+509	3C 22	G	22	0.9380 ✓		ERROR
0053+26B		G		0.1916		ERROR
0055+265	NGC 326	G		0.0472 ✓		ERROR
0055+300	NGC 315	G	12.5 ✓	0.0167		23.05
0104+321	3C 31=NGC383	G	12.14	0.0169		23.13
0106+013	4C01.02	Q	18.39 <del>18.4</del>	2.1070 ✓		ERROR
0106+729	3C33.1	G	19.5	0.1810		ERROR
0110+297	4C29.02	Q	17	0.3630 ✓	8700	ERROR variable
0123-016	3C 40	G	12.34	0.0186		ERROR
0123-016A	NGC 541	G	14.0	0.0187		ERROR
0127+233	3C 43	Q	19.0 <del>20</del>	1.4590		ERROR
0130+242	4C24.02	Q	16.8	0.4570 ✓		ERROR
0133+207	3C 47	Q	18.1	0.4250	17400	ERROR
0134+329	3C 48	Q	16.2	0.3670	5860	26.12
0136-427	NGC 641	G	13.0	0.0205		ERROR
0149+359	NGC 708	G	12.54	0.0160		ERROR
0153+744	S5	Q	16.0	2.3380		ERROR ext 1.78 magn in B
0206+355	UGC01651=4C35.0	G	14.9 <del>13</del>	0.0373		ERROR
0220+427	3C 66B	G	12.9	0.0215		ERROR
0235+017	NGC1004	G	14.3	0.0220		ERROR
0238+085	NGC1044	G	13.27	0.0214		ERROR
0238+100	MC5	Q	18	1.8160		ERROR
0240-002	3C 71=NGC1068	G	9.6	0.0040		24.48
0246+181	UGC02296	G	13.1	0.0334		ERROR
0247+467	B3	G		0.0500		ERROR - UGC02325? M=15.2
0255+05A	3C 75A	G	13.16	0.0241		ERROR
0255+05B	3C 75B	G	14	0.0241		ERROR
0256+132	4C13.17B	G		0.0748		ERROR
0304+575	GT					ERROR
0305+039	3C 78=NGC1218	G	12.94	0.0289		ERROR
0307+444	4C44.07	Q	18.8	1.1650		ERROR
0314+416	NGC1265	G	12.5	0.0255		ERROR
0316+413	3C 84=NGC1275	G	11.87	0.0177		24.40
0320-373	NGC1316=ForA	G	9.14	0.0063		23.11
0326+396	UGC02755	G	14.9	0.0243		ERROR
0336-356	NGC1399	G	10.9	0.0049		ERROR
0356+102	3C 98	G	14.45	0.0306		ERROR
0405-123	OF-109	Q	14.8 <del>16</del>	0.5740	3820	ERROR variable
0415+379	3C111	G	18	<del>0.0485</del> 0.0492		ERROR
0430+052	3C120	G	14.12	0.0334	2150	24.23
0445+449	3C129	G	19.4	0.0208		ERROR
0448+519	3C130	G	16.5	0.1090		ERROR
0448+52	3C130N	G		0.1090		ERROR

IAU Name	Other Name(s)	ID	VMagn	Reds	FWHM-Hb	P 60mu
0449-175	PK	G	13.7	0.0313		ERROR
0457+052		G	13.9			ERROR
0459+252	3C133	G	20	0.2775		ERROR
0514-161	PK, <i>OG-123</i>	Q	<i>16.95</i>	1.2780		ERROR <i>opr var</i>
0518+165	3C138	Q	18.8	0.7590	4870	ERROR
0521-365	PK	B	16.8	0.0550		ERROR
0538+498	3C147	Q	17.8	0.5450	3450	ERROR
0546-329	PK	G	<i>15</i>	0.1470		ERROR
0609+710	4C70.05=Mrk3	G	<i>13.8</i>	0.0137		ERROR
0658+329		G	15.2			ERROR
0658+330	B2	G		0.1270		ERROR
0704+35A	4C35.16A	G	15.5	0.0780		ERROR
0710+118	3C175	Q	<i>16.6</i>	0.7680	17760	ERROR <i>ex 0.14mag.</i>
0712+534	4C53.16	G	14	0.0640		ERROR
0723+679	3C179	Q	18	0.8460		ERROR
0730+257	4C25.21	Q	<i>20</i>	2.6860		ERROR
0740+380	3C186	Q	17.6	1.0630		ERROR
0742+318	4C31.30	Q	16	0.4620	3600	ERROR
0749+379	4C37.20	Q	<i>16.5</i>	1.2000		ERROR
0755+379	3C189=NGC2484	G	14.9	0.0433		ERROR
0800+249	B2	G	15.7	0.0430		ERROR
0800+608	OJ601	Q	<i>18.8</i>	0.6890	6900	ERROR
0802+103	3C191	Q	<i>18.4</i>	1.9560		ERROR
0812+020	4C02.23	Q	<i>17.1</i>	0.4020		ERROR <i>opr var</i>
0812+367	B2	Q	18	1.0250		ERROR
0824+294	3C200	G	20	0.4580		ERROR
0833+585	S4	Q	18	2.1010		ERROR
0833+654	3C204	Q	<i>18.21</i>	1.1120		ERROR
0833-016	NGC2616	G	<i>15.2</i>	0.0300		ERROR
0836+290		G	15.7	0.0680		ERROR
0836+299	4C29.30	G	15.7	0.0643		24.34
0836+710	4C71.07	Q	16.5	2.1600		ERROR
0838+133	3C207	Q	<i>18.15</i>	0.6840	3800	ERROR <i>opr. var</i>
0843-336	NGC2663	G	12.3	0.0061		ERROR
0844+319	4C31.32 <i>sret.</i>	G	<i>18.87</i>	0.0675	<i>14mag!</i>	ERROR <i>INQ needs note re ISQ!</i>
0850+140	3C208	Q	17.4	1.1100		ERROR <i>opr. var</i>
0850+581	4C58.17	Q	18	1.3220		ERROR
0852+493	GB	G				ERROR
0855+143	3C212	Q	<i>19.06</i>	1.0490		ERROR
0903+169	3C215	Q	<i>18.2</i>	0.4110	1200	ERROR <i>opr var</i>
0906+430	3C216	Q	<i>18.48</i>	0.6680		ERROR <i>opr var</i>
0908+376	B2	G	15.5	0.1040		ERROR
0908-103		G		0.1290		ERROR
0913+385	B2	G	15.7	0.0711		ERROR
0915+320	B2	G	15.5	0.0620		ERROR
0915-118	3C218=HydA	G	14.8	0.0650		23.86
0917+458	3C219	G	17.22	0.1744		ERROR
0923+392	4C39.25	Q	<i>17.86</i>	0.6990	8510	ERROR <i>opr. var</i>
0936-041		G	13.9			ERROR
0938+391	4C39.27	Q	<i>18</i>	0.6180		ERROR
0957+003	4C00.34	Q	<i>17.57</i>	0.9070		ERROR <i>opr. var</i>
0957+561	Double QSO	Q	<i>17</i>	1.4050		ERROR <i>opr. var</i>
1001+22	4C22.26	Q	<i>18</i>	0.9740		ERROR
1003+351	3C236	G	15.97	0.0989		23.90
1004+130	4C13.41	Q	<i>15.15</i>	0.2400	9990	ERROR <i>opr var</i>
1004+14	NGC3121	G		0.0310		ERROR
1005+282	B2	G	16.4	0.1476		ERROR
1007+417	4C41.21	Q	16.5	0.6130	6910	ERROR
1028+313	OL347	Q	<i>16.71</i>	0.1800	9740	ERROR <i>opr. var</i>
1029+570	HB13	G		0.0340		ERROR <i>— needs 15.5 gal, wrong pos.</i>
1033+003	<del>PK</del> 4C00.37	G	<i>16.5</i>	0.0670		ERROR

IAU Name	Other Name(s)	ID	VMagn	Reds	FWHM-Hb	P 60mu
1040+123	3C245	Q	17.3	1.0280		ERROR
1100+772	3C249.1	Q	15.7	0.3110	7960	ERROR
1108+272	B2	G	14.6	0.0331		ERROR
1113+295	4C29.41	G	15.1	0.0489		ERROR
1116+281	B2	G	14.3	0.0667		ERROR
1122+390	NGC3665	G	11.6	0.0067		22.98
1130-037	PKS	G	15.5	0.0487		ERROR
1131+498	IC708	G	13.65	0.0321		ERROR
1137+180	NGC3801	G	13.3	0.0105		ERROR
1137+660	3C263	Q	16.3	0.6560	8700	ERROR
1142+198	3C264	G	12.74	0.0208		ERROR
1144+352	B2	G	15.7	0.0630		ERROR
1150+497	4C49.22	Q	16.2	0.3340	3200	ERROR
1156+295	4C29.45	Q	15.6	0.7290	4500	ERROR
1159+583	4C58.23	G		0.1018		ERROR
1209+745	4CT74.17.1	G		0.1070		ERROR
1216+061	3C270=NGC4261	G	10.47	0.0073		ERROR
1217+023	PK	Q	16.53	0.2400	7770	ERROR dpr var
1222+131	3C272.1=M84	G	9.36	0.0051		22.19
1226+023	3C273	Q	12.86	0.1580	5740	25.80 dpr var
1226+105	MC2	Q	18.5	2.2960		ERROR
1227+119	PKS	G	13.8			ERROR
1228+126	3C274=M84	G	8.74	0.0051		22.18
1231+674	4C67.21	G		0.1062		ERROR
1241+166	3C275.1	Q	19	0.5570		ERROR
1243+267	B2	G	16	0.0891		ERROR
1250-102	NGC4760	G	12	0.0138		ERROR
1251+273	NGC4789	G	13.3	0.0270		ERROR
1251+278	3C277.3=ComA	G	15.94	0.0857		ERROR
1251-122	3C278=NGC4783	G	13.5	0.0138		ERROR
1253-055	3C279	Q	17.75	0.5360	3100	ERROR dpr var
1254+277	NGC4839	G	14.2	0.0249		ERROR
1256+281	NGC4869	G	14.9	0.0235		ERROR
1257+282	NGC4874	G	13.7	0.0239		ERROR
1258+404	3C280.1	Q	19.4	1.6590		ERROR
1258-321	PK	G	15.0	0.0175		ERROR
1308+182	4C18.36	Q	17.5	1.6890		ERROR dpr var
1308-441	PK	G		0.0515		ERROR
1311-270	PK	Q	17.43	2.1950		ERROR
1313+073	4C07.32	G	15.5	0.0507		ERROR
1315+340	B2	Q	19	1.0500		ERROR
1316+299	4C29.47	G	15	0.0728		ERROR
1317+520	4C52.27	Q	17	1.0600		ERROR
1321+318	NGC5127	G	13.9	0.0161		ERROR
1322+366	NGC5141=4C36.24	G	12.8	0.0175		ERROR
1322-427	NGC5128=CenA	G	6.98	0.0017		23.72
1328+307	3C286	Q	17.25	0.8490		ERROR
1333-337	IC4296	G	11.11	0.0129		22.47
1336+391	3C288	G	16.5	0.2460		ERROR
1347+604	NGC5322	G	11.3	0.0070		ERROR
1354+195	4C19.44	Q	16.02	0.7200	3400	ERROR dpr var
1354+258	PK	Q	18.5	2.0320		ERROR
1357+287	B2	G	14.6	0.0629		ERROR
1359-113	PK	G	14.5	0.0250		ERROR
1400+162	4C16.39	Q	16.5	0.2400		ERROR dpr var
1407+177	NGC5490	G	13.4	0.0163		ERROR
1414+110	3C296=NGC5532	G	12.21	0.0237		ERROR
1422+268	B2	G	15.6	0.0370		ERROR
1433+177	4C17.59	Q	18.2	1.2030		ERROR
1433+533		G		0.1396		ERROR
1441+522	3C303	G	17.29	0.1410		ERROR

IAU Name	Other Name (s)	ID	VMagn	Reds	FWHM-Hb	P 60mu
1448+634	3C305	G	13.74	0.0410		23.74
1450+281	B2	G	16.5	0.1265		ERROR
1451-375	PK	Q	16.69	0.3140	3700	ERROR
1452+165	3C306=IC4516	G	14.9	0.0456		ERROR
1453+120	UGC09602	G	13.5	0.0320		ERROR
1458+718	3C309.1	Q	16.78	0.9040		ERROR <i>opt. var</i>
1509+158	4C15.45	Q	18.21	0.8280		ERROR
1510-089	PK	Q	16.52	0.3610	2800	ERROR <i>opt. var</i>
1521+288	B2	G	15.4	0.0825		ERROR
1525+290	B2	G	15.4	0.0653		ERROR
1528+290	B2	G	15.1	0.0843		ERROR
1529+242	3C321	G	16	0.0960		25.04
1553+245	B2	G	15.4	0.0426		ERROR
1557+707	4C70.19=NGC6048	G	12.6			ERROR
1613+275	B2	G	14.9	0.0647		ERROR
1615+425		G		0.1310		ERROR
1618+177	3C334	Q	16.4	0.5550	8500	ERROR <i>opt. var</i>
1622+238	3C336	Q	17.57	0.9270		ERROR <i>opt. var</i>
1623+410	NGC6146	G	13.8	0.0300		ERROR
1626+278	3C341	G	19.5	0.4480		ERROR
1636+379	4C37.48	G		0.1610		ERROR
1637+299	B2	G	14.8	0.0880		ERROR
1637+826	NGC6251	G	14	0.0230		23.03
1638+321	B2	G	15.8	0.1398		ERROR
1638+398	NRAO512	Q	18.5	1.6600		ERROR <i>opt. var</i>
1638+538	4C53.37	G	16.5	0.1098		ERROR
1641+173	3C346	G	17.5	0.1621		ERROR
1641+399	3C345	Q	15.96	0.5940	4810	26.51 <i>opt. var</i>
1642+690	4C69.21	Q	19.2	0.7510		ERROR
1643+274	B2	G	15.8	0.1017		ERROR
1648+050	3C348=HerA	G	18.5	0.1540		ERROR
1658+302	4C30.31	G	15.1	0.0351		ERROR
1658+575	4C57.29	Q	17.9	2.1730		ERROR
1704+608	3C351	Q	15.3	0.3710	10000	ERROR
1709+460	3C352	G	22.8	0.8057		ERROR
1717-009	3C353	G	15.36	0.0304		ERROR
1721+343	4C34.47	Q	16.5	0.2060	2700	ERROR <i>opt. var</i>
1732+160	4C16.49	Q	18.4	1.2960		ERROR
1736+32A	B2	G	15.1	0.0741		ERROR
1747+303	B2	G	16.7	0.1297		ERROR
1752+325	B2	G	14.3	0.0449		ERROR
1759+211	4C21.51	G	17.5	0.0800		ERROR
1807+279	4C27.41	Q		1.7600		ERROR
1807+698	3C371	B	14.81	0.0510		23.88
1816+475	4C47.48	Q		2.2250		ERROR
1823+568	4C56.27	B	18.4	0.6640		ERROR
1827+322	B2	G	15.1	0.0659		ERROR
1828+487	3C380	Q	16.81	0.6910	9990	ERROR <i>opt. var</i>
1842+455	3C388	G	15.32	0.0908		ERROR
1857+566	4C56.28	Q	17.3	1.5950		ERROR
1919+479	4C47.51	G		0.1030		ERROR
1924+507	4C50.47	Q	17.9	1.0980		ERROR
1928+738	4C73.18	Q	16.5	0.3020	6910	ERROR
1939+605	3C401	G	19.1	0.2010		ERROR
1940+504	3C402N	G	14.9	0.0247		23.23
1954+513	OV591	Q	18.5	1.2300		ERROR
1957+405	3C405=CygA	G	16.22	0.0570		25.01
2019+098	3C411	G	19.7	0.4680		ERROR
2037+511	3C418	Q	20	1.6860		ERROR
2040-267	PK	G	13.52	0.0403		ERROR
2043+749	4C74.26	Q		0.1040		ERROR

IAU Name	Other Name(s)	ID	VMagn	Reds	FWHM-Hb	P 60mu
2058-135	IC1347	G	15.2	0.0296		ERROR
2058-282	PK	G	14.75	0.0380		ERROR
2104-25N	PK	G		0.0389		ERROR
2104-25S	PK	G		0.0389		ERROR
2106+494	3C428	?				ERROR
2116+262	NGC7052	G	14.0	0.0164		23.18
2121+248	3C433	G	16.24	0.1016		24.54
2153+377	3C438	G	19.34	0.2920		ERROR
2201+148	UGC11889=IC1427	G	15.2			ERROR
2201+315	4C31.63	Q	<del>14.5</del> 15.47	0.2970	3470	ERROR
2209+152	MC3	Q	18.9	1.5020		ERROR
2221-023	3C445	G	15.77	0.0570	9000	24.00
2223-052	3C446	Q	<del>18.4</del> 17.19	1.4040		ERROR opr var
2229+391	3C449	G	13.2	0.0171		22.60
2229-086	PK	G	13.9			ERROR
2236+350	B2	G	15	0.0277		ERROR
2237+26	NGC7728	G	14.3	0.0314		ERROR
2251+134	4C13.85	Q	19.5	0.6730		ERROR
2251+158	3C454.3	Q	16.1	0.8590	6600	ERROR opr var
2300-189	PK	Q	<del>18.1</del> 18.1	0.1290		ERROR
2305+187	4C18.68	Q	<del>17.5</del> 17.5	0.3130		ERROR
2316+184	OZ127	G		0.0395		ERROR - which galaxy?
2318+079	NGC7626	G	12.8	0.0112		ERROR
2325+293	4C29.68	Q	17.3	1.0150		ERROR
2335+267	3C465=NGC7720	G	13.3	0.0293		23.14
2336-176		G		0.0698		ERROR
2338+042	4C04.81	Q	19.5	2.5940		ERROR
2349+327	4C32.69	Q	19.9	<del>0.6710</del> 0.6710		ERROR
2354+471	4C47.63	G	15.5	0.0460		ERROR
2357+004	PK	G	16	0.0839		ERROR

262 jets in above list, status: Jet

IAU Name	Other Name(s)	ID	VMagn	Reds	FWHM-Hb	P 60mu
0039+211		G		0.103		ERROR - Abell 84 z.
0039-097		G	16	0.0518		ERROR - Abell 85 z.
0051+29	4C29.01	Q	17.8	1.8280		ERROR opr var
0053-016		G	15.5	0.044		ERROR Abell 119 z.
0055-016	3C 29	G	14.28	0.0447		ERROR
0107+31	3C 34	G		0.6900		ERROR
0108-146	PKS	G	14.7			ERROR
0109+176	4C17.09	Q		2.1570		ERROR
0110+152	4CT15.03.01	G	15.5	0.0450		ERROR
0120+330	NGC 507	G	13	0.0164		ERROR
0123+329	3C 41	G	23	0.7940		ERROR
0131-29	NGC 613	G		0.0084		ERROR
0131-367	NGC 612	G	14.2	0.0300		24.23
0136+396	4C39.04	G	18	0.2110		ERROR
0137+012	4C01.04	Q	17	0.2580		ERROR
0141+061		G	15.5			ERROR
0207+095	4C09.08	G				ERROR
0212+17	MC3	Q		0.4720		ERROR
0224+671	4C67.05					ERROR
0225+381		G		0.0500		ERROR
0229+34	3C 68.1	Q		1.2380		ERROR
0244+152	UGC02252	G				ERROR
0300+162	3C 76.1	G	14.86	0.0324		ERROR
0327+24A	B2	G	16.8	0.1070		ERROR
0333+32	NRAO140	Q		1.2580		ERROR
0457+054		G		0.0541		ERROR
0501+380	3C134	G?				ERROR
0549-07	NGC2110	G				ERROR
0605-085	PK, OH-010	Q	18	0.8700		ERROR
0634-206	MSH06-210	G	16.8	0.0560		ERROR
0703+42	4C42.23	G	14.4			ERROR
0716+714	S5	B	11			ERROR
0720+670		G	14.5			ERROR
0722+300	B2	G	15.6	0.0191		24.09
0735+178	OI158	B	16.5	0.4240		ERROR
0756+273		G	15.1			ERROR
0757+395	B3	G		0.0570		ERROR
0758+143	3C190	Q	19.5	1.1950		ERROR
0805+046	4C05.34	Q		2.8770		ERROR
0814+547	4C54.16	G		0.1170		ERROR
0834+369		?				ERROR
0902+480		?				ERROR
0905-09	26W20	G				ERROR
0907-091		G	15.5	0.0592		ERROR
0909+162		G	15.1			ERROR
0926+793	3C220.1	G	20.5			ERROR
0947+145	3C228	G	20.5	0.5524		ERROR
0956-26	NGC3078	G				ERROR
1009+748	4C74.16	G				ERROR
1015+491	GB	G				ERROR
1038+528A		Q	17.4			ERROR
1040+317		G	15.5	0.0360		ERROR
1055+018	4C01.28	Q	18	0.8880		ERROR
1055+499	5C02.56	Q		2.3900		ERROR
1102+30	B2, OM304	G	15.7	0.0720		ERROR
1103-006	4C-00.43	Q		0.4260	7000	ERROR
1104+167	4C16.30	Q	16.5	0.6340	4957	ERROR
1107-372	NGC3557	G		0.0089		ERROR
1132+492	IC711	G		0.0324		ERROR
1206+439	3C268.4	Q	18	1.4000		ERROR
1208+39	NGC4151	G		0.0030		ERROR



IAU Name	Other Name(s)	ID	VMagn	Reds	FWHM-Hb	P 60mu
1218+33	3C270.1	Q		1.5190		ERROR
1221+809	S5	*				ERROR
1222+21	4C21.35	Q	18	0.4350		ERROR
1300+321	B2	G	16.9	0.1640		ERROR
1306+107	PK	G	14.8			ERROR
1317+25	4C25.42	G		0.1340		ERROR
1318+113	4C11.45	Q		2.1710		ERROR
1319+64	4C64.18	G		0.2300		ERROR
1323+655	4C65.15	Q		1.6180		ERROR
1328+254	3C287	Q	17.7	1.0550		ERROR
1330+075	NGC5209	G				ERROR
1345+584	4C58.27	Q		2.0390		ERROR
1346+268	4C26.42	G	13.8	0.0630		ERROR
1348-012	PK	Q		2.0700		ERROR
1350+316	3C293	G	14.32	0.0452		23.72
1351+363	NGC5352	G		0.0266		ERROR
1353+185	UGC08850	G		0.0500		ERROR
1404+344	3C294	G		1.7790		ERROR
1415+253	NGC5548	G		0.0164		ERROR
1419+419	3C299	G	18.4	0.3670		ERROR
1422+202	4C20.33	Q	17.5	0.8710		ERROR
1504-166	OR-102	Q	18.5	0.8760		ERROR
1508-055	4C-05.64	Q	16	1.1910		ERROR
1512+370	4C37.43	Q	16	0.3710	8900	ERROR
1539+350	GB	G				ERROR
1540+180	4C18.43	Q		1.6620		ERROR
1545+210	3C323.1	Q	16	0.2640	7100	ERROR
1548+114	4C11.50	Q		0.4360		ERROR
1555+332	GC	Q		0.9420		ERROR
1615+351	NGC6109=4C35.40	G	14.9	0.0296		ERROR
1626+396	3C338	G	12.63	0.0303		ERROR
1636+473	4C47.44?	Q		0.7400		ERROR
1637+574	OS562	Q	17	0.7450	1410	ERROR
1658+320	4C32.52??	G				ERROR
1702+298	4C29.50	Q		1.9270		ERROR
1705+786		G				ERROR
1712+638		G		0.0821		ERROR
1739+18	4C18.51	Q		0.1900		ERROR
1815+70		G				ERROR
1830+285	4C28.45	Q	17	0.5940		ERROR
1833+326	3C382	G		0.0586	14840	23.60
1845+797	3C390.3	G	15	0.0569	12700	23.95
1848+70	UGC11363	G				ERROR
1850+702		G				ERROR
2007+777	S5	B	16.5	0.3420		ERROR
2013-308		G				ERROR
2120+16	3C432	Q		1.8050		ERROR
2149-158A	PK part	G	14.9			ERROR
2149-158B	PK part	G	14.9			ERROR
2200+42	BL Lac	B	14	0.0690		ERROR
2201+044	4C04.77	G	14.5	0.0280		ERROR
2203+292	3C441	G	21	0.7080		ERROR
2213-156	PK	Q				ERROR
2216-038	4C-03.69	Q	17	0.9010	2700	ERROR
2217+08N	4C08.66N	Q		0.6227		ERROR
2217+08S	4C08.66S	Q		0.2282		ERROR
2247+113	NGC7385=4C11.71	G	12.66	0.0244		ERROR
2248+192	4C19.74	Q		1.8060		ERROR
2249+185	3C454	Q	18.4	1.7570		ERROR
2336+212		G	14.5			ERROR

Data for 367 Jets and Possible Jets

11:56:44 am

June 18, 1991

This list is maintained by:

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Please feel free to use it for any research purpose. Acknowledgement of its contribution to any publication that makes extensive use of it will however be appreciated, as many man-hours have gone into compiling it.

Jets:

IAU Name	Other Name(s)	ID	z	Pcore	Ptot	Ljet 1465 kpc	S	FR	Contact
0017+154	3C 9	Q	2.0120	25.45	28.15	22.50	1	C	Bridle
0017+257	4C25.01	Q	0.2800	25.47	25.66	65.92	0	II	Gower
0033+183	3C 14	Q	1.4690	25.58	27.80	64.21	1	II	Laing
0034+25A	B2	G	0.0321	21.83	23.13	52.97	2	I	Parma
0038-019	4C-02.04	Q	1.6900		27.52	42.18	1	II	Barthel
0043+201		G	0.1063	23.35	25.05	51.77	2	WT	O'Donoghue
0048+509	3C 22	G	0.9380	24.97	27.45	54.92	0	II	Fernini
0053+26B		G	0.1916	23.24	25.00		1	NT	Gregorini
0055+265	NGC 326	G	0.0472	22.29	24.60	25.31	2	I	Ekers
0055+300	NGC 315	G	0.0167	23.24	24.07	235.79	3	I	Bridle
0104+321	3C 31=NGC383	G	0.0169	22.45	24.19	14.31	2	I	Bridle
0106+013	4C01.02	Q	2.1070	28.34	28.64	18.22	1	C	Wardle
0106+729	3C33.1	G	0.1810	23.76	26.09	157.16	3	II	Leahy
0110+297	4C29.02	Q	0.3630	25.15	26.09	122.37	0	II	Wardle
0123-016	3C 40	G	0.0186	22.35	24.37	37.69	2	I	O'Dea
0123-016A	NGC 541	G	0.0187	21.51	23.54	23.68	2	I	v Breugel
0127+233	3C 43	Q	1.4590	25.93	27.97	4.28	1	C	Fanti
0130+24	4C24.02	Q	0.4570	25.11	26.19	92.41	1	II	Wardle
0133+207	3C 47	Q	0.4250	25.23	26.91	66.21	0	II	Burns
0134+329	3C 48	Q	0.3670	25.96	27.40	1.54	1	O	Wilkinson
0136-427	NGC 641	G	0.0205		22.91		2	I	Jenkins
0149+359	NGC 708	G	0.0160	21.14	22.62	4.52	2	I	Laing
0153+744	S5	Q	2.3380	27.70	28.46	0.05	1	O	Witzel
0206+355	UGC01651	G	0.0373	23.15	24.50	16.78	2	I	Parma
0220+427	3C 66B	G	0.0215	22.59	24.68	45.16	2	I	Pooley
0235+017	NGC1004	G	0.0220	22.23	23.10	30.78	2	I	Condon
0238+085	NGC1044	G	0.0214	22.54	23.79	43.16	2	I	Cornwell
0238+100	MC5	Q	1.8160	26.16	27.04	41.71	1	II	Barthel
0240-002	3C 71=NGC1068	G	0.0040	20.99	22.92	0.29	2	?	Wilson
0246+181	UGC02296	G	0.0334		23.68	137.49	2	I	Condon
0247+467	B3	G	0.0500	23.09	24.57	300.23	2	NT	Bridle
0255+05A	3C 75A	G	0.0241	22.40	24.32	30.24	0	I	Owen
0255+05B	3C 75B	G	0.0241	22.40	24.26	30.24	2	I	Owen
0256+132	4C13.17B	G	0.0748	22.30	24.07	15.33	2	NT	O'Dea
0304+575	GT							II	Duric
0305+039	3C 78=NGC1218	G	0.0289	23.77	24.81	0.60	1	I	Cornwell
0307+444	4C44.07	Q	1.1650	26.60	27.50	8.60	1	II	Saikia
0314+416	NGC1265	G	0.0255	22.15	24.81	17.73	2	NT	Owen
0316+413	3C 84=NGC1275	G	0.0177	24.87	24.65	4.99	1	C	Readhead
0320-373	NGC1316=ForA	G	0.0063	20.99	24.72	2.72	2	II	Fomalont
0326+396	UGC02755	G	0.0243	22.70	24.05	40.64	2	I	Bridle
0336-356	NGC1399	G	0.0049	20.41	22.89	2.12	2	I	Killeen
0356+102	3C 98	G	0.0306	22.88	24.98	50.63	0	II	Bridle
0405-123	OF-109	Q	0.5740	26.60	27.12	59.96	0	II	Rusk
0415+379	3C111	G	0.0485	24.47	25.57	77.86	1	II	Perley
0430+052	3C120	G	0.0334	24.93	24.74	82.49	1	I	Walker
0445+449	3C129	G	0.0208	22.19	24.57	8.75	1	NT	Burns
0448+519	3C130	G	0.1090	23.58	25.57	396.43	0	I	Bridle

IAU Name	Other Name(s)	ID	z	Pcore	Ptot 1465	Ljet kpc	S	FR	Contact
0448+52	3C130N	G	0.1090	22.93	24.59	66.07	3	I	Bridle
0449-175	PK	G	0.0313	22.03	23.92	10.34	2	I	Ekers
0459+252	3C133	G	0.2775	25.33	26.71	14.42	1	II	Laing
0514-161	PK	Q	1.2780	27.32	27.24	33.16	1	O	Perley
0518+165	3C138	Q	0.7590	26.29	27.85	1.52	3	C	Fanti
0521-365	PK	B	0.0550	24.65	25.68	4.73	1	II	Danziger
0538+498	3C147	Q	0.5450	26.78	27.93	0.77	1	II	Readhead
0546-329	PK	G	0.1470	23.90	ERROR	201.56	0	?	Ekers
0609+710	4C70.05=Mrk3	G	0.0137	22.95	23.33	0.49	1	O	Pedlar
0658+330	B2	G	0.1270	23.98	24.82	55.38	2	?	O'Dea
0704+35A	4C35.16A	G	0.0780	21.83	24.27	16.90	2	I	O'Dea
0710+118	3C175	Q	0.7680	25.29	27.28	89.68	1	II	Bridle
0712+534	4C53.16	G	0.0640	22.96	24.82	12.52	0	II	Burns
0723+679	3C179	Q	0.8460	26.62	27.37	18.29	1	II	Shone
0730+257	4C25.21	Q	2.6860	26.36	27.89	22.67	1	C	Barthel
0740+380	3C186	Q	1.0630	25.31	27.33	4.28	1	II	Fanti
0742+318	4C31.30	Q	0.4620	26.24	26.54	206.33	1	II	Neff
0749+379	4C37.20	Q	1.2000		26.83		0	II	Condon
0755+379	NGC2484	G	0.0433	23.60	24.71	43.82	3	?	Parma
0800+249	B2	G	0.0430	22.48	23.48	17.42	2	NT	Burns
0800+608	OJ601	Q	0.6890	25.63	26.78	67.45	1	C	Browne
0802+103	3C191	Q	1.9560	26.36	28.06	12.34	1	C	Laing
0812+020	4C02.23	Q	0.4020	25.60	26.56	32.23	0	II	Rudnick
0812+367	B2	Q	1.0250	27.10	27.20	29.87	1	C	Perley
0824+294	3C200	G	0.4580	24.98	26.72	41.11	1	II	Clarke
0833+585	S4	Q	2.1010	27.64	27.51	44.56	0	?	Perley
0833+654	3C204	Q	1.1120	25.70	27.37	55.81	1	II	Bridle
0833-016	NGC2616	G	0.0300	22.84	23.98	74.53		I	Condon
0836+290		G	0.0680	23.75	24.64	43.16	1	WT	Parma
0836+299	4C29.30	G	0.0643	22.68	24.48	20.95	3	II	Parma
0836+710	4C71.07	Q	2.1600	27.26	28.09	0.05	1	O	Witzel
0838+133	3C207	Q	0.6840	26.45	27.22	24.95	1	II	Wardle
0843-336	NGC2663	G	0.0061		22.87	7.89	2	I	Jenkins
0844+319	4C31.32	G	0.0675	23.35	24.87	58.62	1	II	v Breugel
0850+140	3C208	Q	1.1100	25.98	27.63	20.17	0	II	Bridle
0850+581	4C58.17	Q	1.3220	27.26	27.39	30.12	1	II	Barthel
0852+493	GB	G					2	I	Condon
0855+143	3C212	Q	1.0490	25.38	27.59	22.23	1	II	Laing
0903+169	3C215	Q	0.4110	24.55	26.53	40.40	1	?	Bridle
0906+430	3C216	Q	0.6680	26.81	27.36	0.03	1	C	Barthel
0908+376	B2	G	0.1040	23.48	24.88	25.42	1	II	Condon
0908-103		G	0.1290	23.24	25.04	136.40	2	WT	O'Donoghue
0913+385	B2	G	0.0711	22.05	24.29	15.58	2	I	Parma
0915+320	B2	G	0.0620	22.71	24.08	44.60	2	I	Parma
0915-118	3C218=HydA	G	0.0650	24.01	26.31	8.46	2		Perley
0917+458	3C219	G	0.1744	24.18	26.44	36.32	1	II	Bridle
0923+392	4C39.25	Q	0.6990	27.57	27.61	7.97	1	II	Wardle
0938+391	4C39.27	Q	0.6180	25.00	26.98	96.04	1	II	Wardle
0957+003	4C00.34	Q	0.9070	26.02	27.02	75.69	0	II	Hintzen
0957+561	Double QSO	Q	1.4050	26.28	27.10	21.46	1	II	Burke
1001+22	4C22.26	Q	0.9740	25.73	26.94	30.56	0	II	Wardle
1003+351	3C236	G	0.0989	24.64	25.77	0.37	1	II	Fomalont
1004+130	4C13.41	Q	0.2400	23.87	25.90	59.76	1	II	Fomalont
1004+14	NGC3121	G	0.0310	22.97	24.06	76.88	2	I	Cornwell
1005+282	B2	G	0.1476	22.68	24.28	202.19	2	WT	Parma
1007+417	4C41.21	Q	0.6130	25.83	26.90	76.64	1	II	Clarke
1028+313	OL347	Q	0.1800	24.62	25.04	15.65	1	II	Gower
1029+570	HB13	G	0.0340	22.50	23.72	279.64	2	I	Strom
1033+003	PK	G	0.0670	23.33	24.44	9.13	1	II	Cornwell
1040+123	3C245	Q	1.0280	27.32	27.67	10.67	1	II	Foley

IAU Name	Other Name(s)	ID	z	Pcore	Ptot 1465	Ljet kpc	S	FR	Contact
1100+772	3C249.1	Q	0.3110	24.93	26.44	21.62	1	II	Bridle
1108+272	B2	G	0.0331	22.28	23.02	18.18	1	I	Parma
1113+295	4C29.41	G	0.0489	23.08	24.71	13.07	1	II	Parma
1116+281	B2	G	0.0667	23.17	24.34	129.86	2	I	Parma
1122+390	NGC3665	G	0.0067	20.46	21.75	3.27	2	I	Hummel
1131+498	IC708	G	0.0321	22.74	24.12	35.32	2	NT	Bridle
1137+180	NGC3801	G	0.0105	20.59	23.04	2.10	2	I	Laing
1137+660	3C263	Q	0.6560	25.96	27.23	62.61	0	II	Bridle
1142+198	3C264	G	0.0208	23.09	24.42	3.50	0	NT	Baum
1144+352	B2	G	0.0630	24.37	24.40	24.68	0	I	Parma
1150+497	4C49.22	Q	0.3340	25.89	26.42	23.39	1	C	Perley
1156+295	4C29.45	Q	0.7290	27.08	27.09	10.07	1	?	McHardy
1159+583	4C58.23	G	0.1018		25.05	6.24	1	WT	O'Donoghue
1209+745	4CT74.17.1	G	0.1070	23.26	24.97	121.02	1	II	v Breugel
1216+061	3C270=NGC4261	G	0.0073	22.25	24.04	31.43	2	I	Kronberg
1217+023	PK	Q	0.2400	25.33	25.67	119.52	0	C	Neff
1222+131	3C272.1=M84	G	0.0051	21.72	23.23	3.53	2	I	Bridle
1226+023	3C273	Q	0.1580	26.98	27.15	39.06	1	O	Perley
1226+105	MC2	Q	2.2960	26.60	27.80	11.88	1	II	Barthel
1228+126	3C274=M84	G	0.0051	22.92	24.77	1.76	1	C	Owen
1231+674	4C67.21	G	0.1062		25.04	12.93	2	WT	O'Donoghue
1241+166	3C275.1	Q	0.5570	25.74	27.07	35.96	0	II	Burns
1243+267	B2	G	0.0891	22.20	24.52	44.60	2	WT	Parma
1250-102	NGC4760	G	0.0138	22.14	23.26	2.94	2	I	Laing
1251+273	NGC4789	G	0.0270	21.16	23.54	6.74	2	I	Laing
1251+278	3C277.3=ComA	G	0.0857	22.98	25.36	10.78	1	II	Baum
1251-122	3C278=NGC4783	G	0.0138	22.13	24.21	13.71	2	I	Cornwell
1253-055	3C279	Q	0.5360	27.45	27.58	9.87	1	C	Perley
1254+277	NGC4839	G	0.0249	21.19	22.63	4.85	2	I	Parma
1256+281	NGC4869	G	0.0235	21.08	22.89	2.62	0	NT	O'Dea
1257+282	NGC4874	G	0.0239	20.83	23.08	3.33	3	WT	Feretti
1258+404	3C280.1	Q	1.6590	26.21	27.82	42.28	1	C	Swarup
1258-321	PK	G	0.0175	22.61	23.74	3.70	2	I	Perley
1308+182	4C18.36	Q	1.6890	25.79	27.12	14.76	1	II	Barthel
1308-441	PK	G	0.0515	23.55	24.38	233.07	1	WT	Jones
1311-270	PK	Q	2.1950	26.59	27.59	20.04	1	II	Barthel
1313+073	4C07.32	G	0.0507	22.88	24.72	33.79	2	WT	Salter
1315+347	B2	Q	1.0500	26.76	26.97	8.55	1	O	Perley
1316+299	4C29.47	G	0.0728	23.25	24.91	112.26	2	I	Condon
1317+520	4C52.27	Q	1.0600	26.77	27.36	59.91	0	II	Owen
1321+318	NGC5127	G	0.0161	21.77	23.83	54.61	2	I	Parma
1322+366	NGC5141=4C36.24	G	0.0175	22.38	23.43	6.66	2	I	Parma
1322-427	NGC5128=CenA	G	0.0017	22.20	24.60	5.17	3	I	Burns
1328+307	3C286	Q	0.8490	26.97	28.18	9.57	3	O	Perley
1333-337	IC4296	G	0.0129	22.61	24.04	128.33	2	WT	Killeen
1336+391	3C288	G	0.2460	23.90	26.37	6.07	1	?	Bridle
1347+604	NGC5322	G	0.0070	20.84	21.61	7.04	2	I	Hummel
1354+195	4C19.44	Q	0.7200	27.01	27.16	72.25	1	II	Rusk
1354+258	PK	Q	2.0320	26.16	27.21	16.33	1	C	Barthel
1357+287	B2	G	0.0629	22.43	24.04	24.65	2	WT	Parma
1358-113	PK	G	0.0250	22.78	24.10	81.43	2	II	Brodie
1400+162	4C16.39	Q	0.2400	24.95	25.73	14.34	1	?	Gower
1407+177	NGC5490	G	0.0163	22.00	23.67	69.09	2	I	Jenkins
1414+110	3C296=NGC5532	G	0.0237	22.67	24.41	49.59	2	I	Laing
1422+268	B2	G	0.0370	22.25	24.00	17.66	2	I	Parma
1433+177	4C17.59	Q	1.2030	26.83	27.52	17.22	1	II	Saikia
1433+533		G	0.1396			16.13	2	WT	O'Donoghue
1441+522	3C303	G	0.1410	24.62	25.73	26.02	0	II	Kronberg
1448+634	3C305	G	0.0410	22.57	24.72	0.94	2	?	v Breugel
1450+28	B2	G	0.1265	22.81	24.36	37.30	2	I	Parma

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1451-375	PK	Q	0.3140	26.24	26.35	16.94	1	?	Perley
1452+165	3C306=IC4516	G	0.0456		24.50	73.56	2	II	Condon
1453+120	UGC09602	G	0.0320	22.41	23.97	79.22	2	I	Burns
1458+718	3C309.1	Q	0.9040	26.56	27.99	3.78	1	C	Wilkinson
1509+158	4C15.45	Q	0.8280	25.98	27.10	28.98	0	II	Saikia
1510-089	PK	Q	0.3610	26.40	26.76	24.40	3	O	O'Dea
1521+288	B2	G	0.0825	23.52	24.71	93.92	1	I	Parma
1525+290	B2	G	0.0653	22.07	24.01	9.34	2	I	Parma
1528+290	B2	G	0.0843	22.55	24.22	83.99	2	II	Parma
1529+242	3C321	G	0.0960	23.52	25.54	23.76	1	II	Baum
1553+245	B2	G	0.0426	23.02	23.37	20.72	2	I	Parma
1557+707	4C70.19=NGC6048	G					2	?	Peacock
1613+275	B2	G	0.0647	22.71	24.04	15.17	2	I	Parma
1615+425		G	0.1310	23.20	24.19	13.81	2	NT	O'Dea
1618+177	3C334	Q	0.5550	25.75	26.96	62.95	1	II	Bridle
1622+238	3C336	Q	0.9270	25.42	27.51	25.31	1	II	Bridle
1623+41	NGC6146	G	0.0300	22.75	23.11	0.79	1	C	Wrobel
1626+278	3C341	G	0.4480	23.49	26.78	111.94	1	II	Bridle
1636+379	4C37.48	G	0.1610		25.24		1	WT	O'Donoghue
1637+29	B2	G	0.0880	22.84	24.42	66.20	2	NT	Parma
1637+826	NGC6251	G	0.0230	23.66	24.13	160.62	1	?	Perley
1638+32	B2	G	0.1398	24.10	24.69	29.07	1	I	Parma
1638+398	NRAO512	Q	1.6600	27.53		13.11	1	II	Wardle
1638+538	4C53.37	G	0.1098	23.21	ERROR	39.88	2	NT	Burns
1641+173	3C346	G	0.1621	24.83	26.04	8.51	1	C	van Breugel
1641+399	3C345	Q	0.5940	27.51	27.55	14.41	1	C	Perley
1642+690	4C69.21	Q	0.7510	26.96	27.07	17.44	1	C	Browne
1643+274	B2	G	0.1017	22.68	24.11	62.37	1	I	Parma
1648+050	3C348=HerA	G	0.1540	23.61	27.08	118.38	1	?	Dreher
1658+302	4C30.31	G	0.0351	22.97	23.89	21.61	3	II	Parma
1658+575	4C57.29	Q	2.1730	26.46	27.36	22.10	1	O	Barthel
1704+608	3C351	Q	0.3710	24.14	26.77	74.27	1	II	Bridle
1709+460	3C352	G	0.8057	24.46	27.22	24.71	1	II	Laing
1717-009	3C353	G	0.0304	23.05	25.74	39.83		II	Bridle
1721+343	4C34.47	Q	0.2060	25.22	25.86	237.04	1	II	Barthel
1732+160	4C16.49	Q	1.2960	25.37	27.35	38.75	1	II	Barthel
1736+32A	B2	G	0.0741	22.93	23.74	14.25	2	I	Parma
1747+303	B2	G	0.1297	22.94	23.97	91.33	1	II	Parma
1752+325	B2	G	0.0449	22.67	23.48	30.21	2	I	Parma
1759+211	4C21.51	G	0.0800	23.11	24.79	20.32	1	II	Cornwell
1807+279	4C27.41	Q	1.7600	27.29	27.65	13.42	0	C	Perley
1807+698	3C371	B	0.0510	24.62	24.83	2.04	1	O	Perley
1816+475	4C47.48	Q	2.2250	26.20	27.52	11.98	1	II	Barthel
1823+568	4C56.27	B	0.6640	26.88	26.93	11.78	1	O	O'Dea
1827+32	B2	G	0.0659	23.10	24.08	77.08	2	I	Parma
1828+487	3C380	Q	0.6910	27.32	27.98	0.14	0	C	Perley
1842+455	3C388	G	0.0908	23.76	25.71	18.13	1	II	Burns
1857+566	4C56.28	Q	1.5950	25.72	27.56	61.60	1	C	Owen
1919+479	4C47.51	G	0.1030	23.36	25.15	214.31	1	WT	Burns
1924+507	4C50.47	Q	1.0980	26.69	27.06	40.75	1	II	Owen
1928+738	4C73.18	Q	0.3020	26.49	26.58	41.40	3	C	Simon
1939+605	3C401	G	0.2010	23.50	26.36	24.36	1	II	Laing
1940+504	3C402N	G	0.0247	22.08	24.30	82.56	2	I	Pooley
1954+513	OV591	Q	1.2300	27.53	27.67	43.06	1	II	Wardle
1957+405	3C405=CygA	G	0.0570	24.39	27.74	47.36	3	II	Perley
2019+098	3C411	G	0.4680	25.50	26.95	27.67	0	II	Dreher
2037+511	3C418	Q	1.6860	28.12	28.39	9.28	1	O	Muxlow
2040-267	PK	G	0.0403	22.79	24.65	81.99	2	I	Brodie
2043+749	4C74.26	Q	0.1040	24.68	25.02	190.63	1	II	Riley
2058-135	IC1347	G	0.0296	22.16	24.08	53.14	2	I	Brodie

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2058-282	PK	G	0.0380	22.20	24.91	46.56	0	I	Brodie
2104-25N	PK	G	0.0389	22.92	24.99	24.33	1	II	Cameron
2104-25S	PK	G	0.0389	22.94	24.88	237.97	1	I	Cameron
2106+494	3C428	?					0	II	Higgs
2116+262	NGC7052	G	0.0164	22.12	22.71	83.40	2	I	Laing
2121+248	3C433	G	0.1016	22.77	26.14	29.91	0	C	v Breugel
2153+377	3C438	G	0.2920	23.99	26.84	21.64	2	II	Laing
2201+14	UGC11889=IC1427	G					2	I	Condon
2201+315	4C31.63	Q	0.2970	26.21	26.28	54.65	1	II	Gower
2209+152	MC3	Q	1.5020	25.79	26.85	34.18	1	II	Barthel
2221-023	3C445	G	0.0570	23.51	25.29	210.50	1	II	v Breugel
2223-052	3C446	Q	1.4040	27.67	28.27	1.07	1	O	Simon
2229+391	3C449	G	0.0171	22.07	24.05	19.30	2	I	Cornwell
2236+350	B2	G	0.0277	21.75	23.46	8.44	2	I	Parma
2237+26	NGC7728	G	0.0314	23.00	23.48	38.91	2	I	Condon
2251+134	4C13.85	Q	0.6730	26.39	26.88	14.59	1	II	Saikia
2251+158	3C454.3	Q	0.8590	28.01	28.05	20.84	1	O	Wilkinson
2300-189	PK	Q	0.1290	24.90	25.44	68.20	1	I	Condon
2305+187	4C18.68	Q	0.3130	24.99	26.06	4.51	1	?	Gower
2316+184	OZ127	G	0.0395	22.41	23.69	16.09	2	NT	O'Dea
2318+079	NGC7626	G	0.0112	21.31	23.15	6.39	2	I	Laing
2325+293	4C29.68	Q	1.0150	26.37	27.34	85.27	1	II	Wardle
2335+267	3C465=NGC7720	G	0.0293	23.37	24.83	24.29	1	WT	Owen
2336-176		G	0.0698		24.95	20.73	3	WT	O'Donoghue
2338+042	4C04.81	Q	2.5940	27.15	28.26	4.59	0	O	Barthel
2349+327	4C32.69	Q	0.6710	25.15	26.52	98.46	1	II	Wardle
2354+471	4C47.63	G	0.0460	22.49	24.61	37.08	3	I	Burns
2357+004	PK	G	0.0839	23.07	24.53	63.53	1	II	Downes

256 jets in above list, status: Jet

IAU Name	Other Name(s)	ID	z	Pcore	Ptot 1465	Ljet kpc	S	FR	Contact
0039+211		G						NT	O'Dea
0039-097		G	0.0518	22.32	23.55	13.78	2		O'Dea
0051+29	4C29.01	Q	1.8280	26.88	27.53	9.58	0	O	Barthel
0053-016		G					0	NT	O'Dea
0055-01	3C 29	G	0.0447	22.96	25.04	36.11	2		Baum
0107+31	3C 34	G	0.6900	23.60	27.00	47.63	1		Laing
0109+176	4C17.09	Q	2.1570		27.39	20.13	1	II	Barthel
0120+33	NGC 507	G	0.0164	20.61	22.56		0		de Ruiter
0123+32	3C 41	G	0.7940	24.18	27.48	49.27		II	Laing
0131-29	NGC 613	G	0.0084	20.51		0.60	2		Hummel
0131-367	NGC 612	G	0.0300		24.73		0		Ekers
0136+396	4C39.04	G	0.2110		25.89		2	I	Vigotti
0137+01	4C01.04	Q	0.2580		26.04		0		Hintzen
0207+095	4C09.08	G	0.0000				0		Antonucci
0212+17	MC3	Q	0.4720	25.96	25.91		0		Neff
0224+671	4C67.05								
0225+381		G	0.0500		23.70		2	I	Vigotti
0229+34	3C 68.1	Q	1.2380	24.40	27.74	94.74	3	II	Bridle
0244+152	UGC02252	G					2	*	Condon
0300+16	3C 76.1	G	0.0324	21.95	24.46		0		Jenkins
0327+24A	B2	G	0.1070	22.98	24.61	13.01	2		O'Dea
0333+32	NRAO140	Q	1.2580	27.80	27.98		0		Marscher
0457+05		G	0.0541	21.81	23.70	17.92	0		O'Dea
0501+380	3C134	G?					2	II	Leahy
0549-07	NGC2110	G	0.0000				0	I	Ulvestad
0605-085	PK, OH-010	Q	0.8700	27.34	27.49	20.05	1	O	O'Dea
0634-20	MSH06-210	G	0.0560	22.70	25.37		0		v Breugel
0703+42	4C42.23	G	0.0000				0		Burns
0716+71	S5	B	0.0000				0		Perley
0722+300	B2	G	0.0191	22.03	22.74	1.34	0		Parma
0735+178	OI158	B	0.4240	26.62		6.61		O	O'Dea
0757+395	B3	G	0.0570	22.86	23.60	67.66	2	I	Vigotti
0758+143	3C190	Q	1.2000	25.95	27.76	6.89	1	II	Spencer
0805+046	4C05.34	Q	2.8770		28.13	11.07	1	C	Feigelson
0814+547	4C54.16	G	0.1170	23.23	24.72		0	I	Burns
0834+369		?					0		Condon
0902+480		?					0		Condon
0905-09	26W20	G	0.0000				0		Harris
0907-091		G	0.0000				0		O'Dea
0926+79	3C220.1	G	0.0000				0		Burns
0947+145	3C228	G	0.5524	24.81	27.13		0		Laing
0956-26	NGC3078	G	0.0000				0		Hummel
1009+74	4C74.16	G					1		Laing
1015+491	GB	G					2		Condon
1038+528A		Q	0.0000				0		Marcaide
1040+317		G	0.0360	22.79	24.10	6.89	0		Parma
1055+018	4C01.28	Q	0.8880	27.51	27.58				Murphy
1055+499	5C02.56	Q	2.3900	26.81	27.41	9.40	1	O	Barthel
1102+30	B2	G	0.0720	22.72	24.28	13.90	2		Parma
1103-006	4C-00.43	Q	0.4260	25.24	26.39	33.14	0	II	Hintzen
1104+167	4C16.30	Q	0.6340	26.33	26.66		0		Hintzen
1107-372	NGC3557	G	0.0089		22.66	14.01	2	I	Birkinshaw
1132+492	IC711	G	0.0324		23.37		0		O'Dea
1206+439	3C268.4	Q	1.4000	25.97	27.79	19.32	1	II	Laing
1208+39	NGC4151	G	0.0030	20.62	21.56		0		Wilson
1218+33	3C270.1	Q	1.5190	26.85	27.96	8.54	1	II	Burns
1221+809	S5	*					1	II	Saikia
1222+21	4C21.35	Q	0.4350	24.80	26.55		0		Hintzen
1300+32	B2	G	0.1640	22.45	25.06			NT	Parma
1317+25	4C25.42	G	0.1340	22.91	24.85		2		Burns

IAU Name	Other Name(s)	ID	z	Pcore	Ptot 1465	Ljet kpc	S	FR	Contact
1318+113	4C11.45	Q	2.1710	25.40	28.26	12.06	1	C	Barthel
1319+64	4C64.18	G	0.2300	23.58	25.59		0		Burns
1323+655	4C65.15	Q	1.6180	25.48	27.29	16.96		II	Barthel
1328+254	3C287	Q	1.0550	26.97	28.06	0.34	1	C	Fanti
1330+075	NGC5209	G						WT	Condon
1345+584	4C58.27	Q	2.0390	25.90	27.56	16.31	1	C	Barthel
1346+268	4C26.42	G	0.0630		24.45		0		v Breugel
1348-012	PK	Q	2.0700		26.99		1	O	Downes
1350+316	3C293	G	0.0452	24.50	25.01		1		Cornwell
1351+363	NGC5352	G	0.0266	22.03	23.20	16.62	0		Jenkins
1353+185	UGC08850	G	0.0500		23.98		2	NT	Condon
1404+344	3C294	G	1.7790	25.03	27.86	16.74	1		Laing
1415+253	NGC5548	G	0.0164				0		Wilson
1419+419	3C299	G	0.3670		26.68	7.69	1	C	van Breugel
1422+202	4C20.33	Q	0.8710		27.26		0		Feigelson
1504-166	OR-102	Q	0.8760	27.16		0.01	1		Padrielli
1508-05	4C-05.64	Q	1.1910	27.32	27.92		0		Perley
1512+370	4C37.43	Q	0.3710	25.03	26.20			II	Shaffer
1539+350	GB	G					0		Condon
1540+180	4C18.43	Q	1.6620	26.86	27.45	12.68	0	II	Barthel
1545+210	3C323.1	Q	0.2600	24.45	26.29	100.71	0	II	Gower
1548+114	4C11.50	Q	0.4360	25.74	ERROR		1		Hintzen
1555+332	GC	Q	0.9420		26.46		0		Feigelson
1615+35	NGC6109=4C35.40	G	0.0296	22.49	ERROR		0		O'Dea
1626+396	3C338	G	0.0303	23.18	24.53		1		Burns
1636+473	4C47.44?	Q	0.7400		ERROR		0		Wilkinson
1637+574	OS562	Q	0.7450	27.12		5.26	0	C	Wardle
1658+320	4C32.52??	G					0		O'Dea
1702+298	4C29.50	Q	1.9270	26.41	27.87	2.06	1	C	Lonsdale
1705+786		G					0		O'Dea
1712+638		G	0.0821				0		O'Dea
1739+18	4C18.51	Q	0.1900	24.02		183.13	0	II	Gower
1815+70		G					0		O'Dea
1830+285	4C28.45	Q	0.5940	26.41	26.90		0		Hintzen
1833+326	3C382	G	0.0586	23.86	25.32		0		Dreher
1845+797	3C390.3	G	0.0569	24.16	25.65		0		Preuss
1848+70	UGC11363	G					2	I	Condon
1850+702		G					0		O'Dea
2007+777	S5	B	0.3420	26.15	26.56				Antonucci
2013-308		G					2	?	Ekers
2120+16	3C432	Q	1.8050	25.62	27.93	31.32	0		Bridle
2200+42	BL Lac	B	0.0690		25.37		0		Mutel
2201+04	4C04.77	G	0.0280		23.87		0		Antonucci
2203+292	3C441	G	0.7080		27.24	39.97	1		Laing
2213-156	PK	Q						II	Downes
2216-038	4C-03.69	Q	0.9010	26.94	27.07		1		Perley
2217+08N	4C08.66N	Q	0.6227				0		Harris
2217+08S	4C08.66S	Q	0.2282				0		Harris
2247+113	NGC7385=4C11.71	G	0.0244		24.17	3.40	0	NT	Eilek
2248+192	4C19.74	Q	1.8060	25.78	27.54	12.53	1	II	Barthel
2249+185	3C454	Q	1.7570		28.02	1.68		C	Spencer

111 jets in above list, status: Poss





1333-337	G	0.0129	700	2220	2.50E+00	2.50E+00	8.01E-01	WT
0609+710	G	0.0137	2.5	2.5	5.24E-01		5.41E-01	O
0149+359	G	0.0160	20	60	2.70E-02	2.60E-02	8.97E-02	I
1321+318	G	0.0161	240	696	3.89E-01	4.00E-01	1.62E+00	I
2116+262	G	0.0164	360	500	2.80E-02	1.60E-02	8.48E-02	I
0055+300	G	0.0167	1000	3480	8.13E-01	1.00E+00	2.07E+00	I
0104+321	G	0.0169	60	2500	4.32E-01	2.50E-01	4.14E+00	I
1322+366	G	0.0175	27	54	8.80E-02		6.47E-01	I
0316+413	G	0.0177	20	360	5.62E-01		2.94E+00	C
0445+449	G	0.0208	30	600	1.09E+00		6.71E+00	NT
0220+427	G	0.0215	150	370	6.81E-01	3.50E-01	8.39E+00	I
1637+826	G	0.0230	500	4500	1.32E+00	3.70E-02	1.61E-01	F
1256+281	G	0.0235	8	50	1.59E-02	1.60E-02	9.53E-02	NT
1414+110	G	0.0237	150	390	6.34E-01	3.50E-01	3.20E+00	F
1254+277	G	0.0249	14	42	2.50E-02	1.80E-02	1.77E-02	I
0314+416	G	0.0255	50	720	2.30E-01	2.30E-01	8.56E+00	NT
2236+350	G	0.0277	22	49	9.40E-02	8.50E-02	1.62E-01	I
1717-009	G	0.0304	95	268	2.34E-01		5.38E+01	II
0449-175	G	0.0313	24	300	4.12E-02	2.00E-02	6.85E-01	I
0034+25A	G	0.0321	120	270	1.98E-02	1.90E-02	7.53E-02	I
0430+052	G	0.0334	180	850	7.30E-02		4.27E-01	I
1029+570	G	0.0340	600	1200	1.57E-01		2.38E-01	I
1658+302	G	0.0351	45	160	1.16E-01		3.86E-01	F
1422+268	G	0.0370	35	135	2.00E-02		6.37E-01	F
0206+355	G	0.0373	33	90	1.98E-01	1.44E-01	1.64E+00	I
2104-25N	G	0.0389	46	119	2.05E-02		5.92E+00	II
0755+379	G	0.0433	75	150	1.90E-01		2.13E+00	F
1752+325	G	0.0449	50	90	6.50E-02	3.50E-02	1.50E-02	I
1113+295	G	0.0489	20	86	8.80E-02		1.83E+00	F
0415+379	G	0.0492	120	212	4.16E-02		1.33E+01	II
0247+467	G	0.0500	450	840	2.53E-01	2.40E-01	8.60E-01	NT
1807+698	B	0.0510	3	3	5.00E-01		5.00E-01	O
0521-365	B	0.0550	6.5	36	8.24E-01		1.25E+01	C
1957+405	G	0.0570	63	124	6.80E+00		1.53E+03	II
2221-023	G	0.0570	280	579	1.85E-02	1.50E-03	5.30E+00	II
0915+320	G	0.0620	55	420	2.10E-02	2.00E-02	2.27E-01	I
1357+287	G	0.0629	30	180	3.80E-02	2.80E-02	1.75E-01	WT
1144+352	G	0.0630	30	45	2.70E-02		1.30E-02	I
0836+299	G	0.0643	25	63	7.00E-02		5.75E-01	II
1613+275	G	0.0647	18	38	4.00E-02	2.50E-02	1.61E-01	F
0915-118	G	0.0650	10	80	2.90E-01	9.80E-02	4.28E+01	
1525+290	G	0.0653	11	31	5.70E-02	4.40E-02	1.16E-01	I
1827+322	G	0.0659	90	16	1.60E-02	1.30E-02	1.96E-01	I
1116+281	G	0.0667	150	276	9.50E-02	3.20E-02	2.84E-01	I
0844+319	G	0.0675	67	180	5.43E-02	0.00E+00	1.35E+00	II
0836+290	G	0.0680	49	470	1.27E-01		6.08E-01	WT
0913+385	G	0.0711	17	45	4.70E-02	1.50E-02	2.86E-01	F
1736+32A	G	0.0741	15	73	1.50E-02		6.00E-02	I
0256+132	G	0.0748	16	80	2.49E-02	2.50E-02	1.36E-01	NT
1521+288	G	0.0825	90	228	9.00E-02		5.40E-01	F
1528+290	G	0.0843	79	258	4.00E-02	2.30E-02	1.41E-01	WT
1251+278	G	0.0857	10	50	6.80E-02		2.70E+00	II
1243+267	G	0.0891	40	360	5.00E-02	2.60E-02	2.84E-01	WT
1842+455	G	0.0908	16	44	6.59E-02		5.43E+00	II
1529+242	G	0.0960	20	298	2.60E-02		3.29E+00	II
1643+274	G	0.1017	50	134	1.30E-02		9.20E-02	WT
1919+479	G	0.1030	170	730	8.34E-02	2.00E-02	1.05E+00	WT
0908+376	G	0.1040	20	50	1.34E-01	5.00E-02	4.31E-01	II
1209+745	G	0.1070	93	510	1.68E-01		5.43E-01	F
0448+52	G	0.1090	50	260	2.74E-02	2.80E-02	2.31E-01	I
1450+281	G	0.1265	25	58	3.90E-02	1.50E-02	6.90E-02	WT

1747+303	G	0.1297	60	145	1.30E-02		3.15E-02	II
1638+321	G	0.1398	18	30	5.60E-02		1.08E-01	I
1441+522	G	0.1410	16	45	8.13E-02		2.12E+00	II
0546+329	G	0.1470	120	780	1.03E-01	5.00E-02	9.62E-01	?
1005+282	G	0.1476	120	264	2.00E-02	9.00E-03	3.18E-02	WT
1226+023	Q	0.1580	22	23	1.59E+01		1.00E-01	O
1641+173	G	0.1621	4.7	14.5	8.63E-01		2.54E+00	C
0917+458	G	0.1744	19	194	1.34E-01	2.30E-03	7.57E+00	II
0106+729	G	0.1810	80	239	4.85E-02		3.18E+00	II
0053+26B	G	0.1916		40	6.81E-02		1.72E-01	NT
1939+605	G	0.2011	11.5	23.5	2.06E-01		4.61E+00	II
1721+343	Q	0.2060	110	260	2.00E-02		1.10E+00	II
1004+130	Q	0.2400	25	130	2.06E-02		1.13E+00	II
1217+023	Q	0.2400	50	180	7.00E-02		2.97E-01	C
1336+391	G	0.2460	2.5	43	3.15E-02	3.20E-03	3.16E+00	?
0459+252	G	0.2775	5.5	14	8.86E-02		5.15E+00	II
2153+377	G	0.2920	8	22.8	1.48E-01	6.00E-02	6.43E+00	II
1928+738	Q	0.3020	15	73	5.60E-02	9.00E-03	1.80E+00	C
1100+772	Q	0.3110	7.7	47	1.12E-01	8.40E-03	2.11E+00	II
1451-375	Q	0.3140	6	13	1.44E-01		5.06E-01	?
1150+497	Q	0.3340	8	20.5	6.00E-02		1.34E+00	C
1510-089	Q	0.3610	8	9	2.47E-01		9.99E-01	O
0134+329	Q	0.3670	0.5	0.5	4.42E+00		1.08E+01	O
1704+608	Q	0.3710	24	74.5	2.92E-02	1.90E-04	3.37E+00	II
0903+169	Q	0.4110	12.4	60	8.59E-02	4.20E-03	1.47E+00	?
0133+207	Q	0.4250	20	77	2.27E-02		3.45E+00	II
1626+278	G	0.4480	33	76	1.03E-01	2.40E-02	2.20E+00	II
0130+242	Q	0.4570	27	59	6.39E-03		5.41E-01	II
0824+294	G	0.4580	12	24.5	2.06E-01		1.69E+00	II
0742+318	Q	0.4620	60	132	4.06E-02		8.59E-01	II
2019+098	G	0.4680	8	27.6	1.85E-02		3.05E+00	II
1253-055	Q	0.5360	2.7	20	2.60E+00		2.00E-01	C
1618+177	Q	0.5550	17	61	6.12E-02	2.50E-03	2.01E+00	II
1241+166	Q	0.5570	9.7	18.5	1.69E-02		2.70E+00	II
1641+399	Q	0.5940	3.8	25	5.00E-01		3.00E-01	C
1007+417	Q	0.6130	20	35	2.27E-02		1.42E+00	II
1137+660	Q	0.6560	16	50	3.09E-02		2.70E+00	II
2349+327	Q	0.6590	25	69	1.30E-01		3.88E-01	II
0906+430	Q	0.6680	0.0071	10	3.13E-02		2.85E+00	C
2251+134	Q	0.6730	3.7	7.3	8.53E-02		5.15E-01	II
0838+133	Q	0.6840	6.3	12.8	1.36E-01		2.01E+00	II
0800+608	Q	0.6890	17	30	8.19E-02		8.52E-01	C
0923+392	Q	0.6990	2	4.4	1.67E-01		4.33E-01	II
1354+195	Q	0.7200	18	49	1.08E-01		4.93E-01	II
1156+295	Q	0.7290	2.5	6	6.48E-02		2.55E-01	?
1642+690	Q	0.7510	4.3	11	2.30E-01		1.00E-01	C
0518+165	Q	0.7590	0.375	0.59	4.04E+00	2.40E-01	4.26E+00	C
0710+118	Q	0.7680	22	52	3.91E-02		2.26E+00	II
1709+460	G	0.8057	6	12.9	1.69E-02		1.78E+00	II
1509+158	Q	0.8280	7	15.4	2.06E-02		1.18E+00	II
0723+679	Q	0.8460	4.4	19.5	7.16E-02		1.82E+00	II
1328+307	Q	0.8490	2.3	4	1.47E+01		1.01E-01	O
2251+158	Q	0.8590	5	3.5	7.00E-01		2.00E-01	O
1422+202	Q	0.8710	8	14.7	7.37E-01		9.25E-01	II
1458+718	Q	0.9040	0.9	2.5	2.92E+00		1.91E+00	C
0957+003	Q	0.9070	18	36	2.20E-02		7.66E-01	II
1622+238	Q	0.9270	6	27.8	9.68E-02		2.50E+00	II
0048+509	G	0.9380	13	25.5	3.54E-03		2.26E+00	II
1001+226	Q	0.9740	7.2	69	4.74E-03	4.00E-04	5.86E-01	II
2325+293	Q	1.0150	20	54	1.73E-02		1.27E+00	II
0812+367	Q	1.0250	7	21	1.00E-01		2.40E-01	C