

## 8 X-Ray Spectra of AGN's

### 8.1 EINSTEIN Observations

#	Seq.	EINSTEIN Description	Date	Instr.	R. A.	Decl.
1	776	GLIESE 9619 (MISPOINT)	9 Aug 78	IPC	18 14 55.3	+64 32 57
2	342	3C 390.3 SEYFERT SURVEY	21 Nov 78	HRI	18 45 37.7	+79 42 59
3	473	CYG-A (3C 405)	21 Nov 78	HRI	19 57 47.8	+40 35 59
4	441	NGC 2992/93 ABNORMAL GA	22 Nov 78	HRI	09 43 00.0	-14 05 59
5	756	NGC 4258: Survey of Abn	22 Nov 78	HRI	12 16 29.4	+47 34 59
6	559	MKN 205/NGC4319 (QSO 12	22 Nov 78	HRI	12 19 30.0	+75 34 59
7	568	QSO 2141+174 (OX 169) Q	22 Nov 78	HRI	21 41 12.8	+17 29 48
8	1085	2A0120-591 (4U), UNIDEN	24 Nov 78	HRI	01 20 38.4	-59 06 35
9	1117	2A0943-140, UNIDENTIFIE	24 Nov 78	HRI	09 43 21.6	-14 01 47
10	1120	2A1052+606, UNIDENTIFIE	25 Nov 78	HRI	10 52 48.0	+60 38 59
11	93	DRA DEEP SUR.FOLLOW UP	26 Nov 78	HRI	17 06 06.3	+70 58 51
12	94	DRA DEEP SUR.FOLLOW UP	26 Nov 78	HRI	17 09 59.7	+70 48 01
13	92	DRA DEEP SUR.FOLLOW UP	27 Nov 78	HRI	17 13 53.1	+70 58 51
14	759	MKN 421 BL LAC SURVEY	29 Nov 78	HRI	11 01 40.0	+38 27 59
15	1623	X-RAY BINARY CYG X-3,DO	2 Dec 78	SSS	20 30 32.7	+40 47 05
16	1493	COMPACT EMISSION LINE G	4 Dec 78	SSS	09 43 17.4	-14 05 47
17	1741	STELLAR SOURCE RS CVN,D	4 Dec 78	SSS	13 08 19.0	+36 11 59
18	1494	COMPACT EMISSION LINE G	4 Dec 78	SSS	23 15 38.3	-42 38 41
19	1456	COMPACT EXTRAGALACTIC B	5 Dec 78	SSS	11 01 40.5	+38 28 42
20	1720	STELLAR SOURCE G148-7,D	6 Dec 78	SSS	11 43 21.0	+32 06 11
21	1453	COMPACT EXTRAGALACTIC S	6 Dec 78	SSS	19 57 43.7	+40 35 45
22	1465	COMPACT EXTRAGALACTIC S	8 Dec 78	SSS	12 08 01.0	+39 41 01
23	1455	COMPACT EXTRAGALACTIC B	8 Dec 78	SSS	12 18 52.0	+30 27 13
24	1413	COMPACT EXTRAGALACTIC S	9 Dec 78	SSS	12 28 17.0	+12 39 59
25	1410	CLUSTER COMA 3 OF 5,DOY	9 Dec 78	SSS	12 57 10.8	+28 13 47
26	1513	COMPACT GALAXY NGC 526A	10 Dec 78	SSS	01 21 37.0	-35 19 25
27	1408	CLUSTER COMA 1 OF 5,DOY	10 Dec 78	SSS	12 57 10.8	+28 19 47
28	1489	COMPACT SEYFERT MCG -2-	10 Dec 78	SSS	23 02 06.7	-08 57 18
29	1412	CLUSTER COMA 5 OF 5,DOY	11 Dec 78	SSS	12 56 44.0	+28 11 47
30	1409	CLUSTER COMA 2 OF 5,DOY	11 Dec 78	SSS	12 57 10.8	+28 07 39
31	1411	CLUSTER COMA 4 OF 5,DOY	11 Dec 78	SSS	12 57 38.0	+28 15 47
32	1419	CLUSTER VIRGO 5 OF 5,DO	12 Dec 78	SSS	12 27 23.0	+12 44 43
33	1415	CLUSTER VIRGO 1 OF 5,DO	12 Dec 78	SSS	12 27 49.9	+12 42 21
34	1416	CLUSTER VIRGO 2 OF 5,DO	12 Dec 78	SSS	12 28 07.2	+12 32 59
35	1417	CLUSTER VIRGO 3 OF 5,DO	12 Dec 78	SSS	12 28 26.4	+12 46 29
36	1418	CLUSTER VIRGO 4 OF 5,DO	12 Dec 78	SSS	12 28 39.1	+12 38 05
37	1460	COMPACT EXTRAGALACTIC Q	13 Dec 78	SSS	12 26 33.0	+02 19 42
38	569	3CR 273 (QSO 1226+023)	14 Dec 78	HRI	12 26 33.2	+02 19 42
39	3398	HZ 43 BORESIGHT	14 Dec 78	HRI	13 14 00.0	+29 14 59
40	3397	HZ 43 BORESIGHT	14 Dec 78	HRI	13 14 00.0	+29 30 59
41	3400	CYG X-3 BORESIGHT	14 Dec 78	HRI	20 30 32.7	+40 40 05
42	3399	CYG X-3 BORESIGHT	14 Dec 78	HRI	20 30 32.7	+40 56 05
43	3383	CYG X-3 BORESIGHT C-1	15 Dec 78	IPC	20 31 46.9	+41 01 04
44	3386	CYG X-3 BORESIGHT C-2	16 Dec 78	IPC	20 29 08.0	+41 03 03
45	3388	CYG X-3 BORESIGHT C-3	16 Dec 78	IPC	20 29 08.7	+40 31 08
46	3385	CYG X-3 BORESIGHT C-2	16 Dec 78	IPC	20 29 18.6	+41 01 04
47	3387	CYG X-3 BORESIGHT C-3	16 Dec 78	IPC	20 29 19.1	+40 33 07
48	3378	CYG X-3 BORESIGHT B-3	16 Dec 78	IPC	20 30 32.6	+40 47 05
49	3379	CYG X-3 BORESIGHT B-1	16 Dec 78	IPC	20 30 32.6	+41 01 04
50	3389	CYG X-3 BORESIGHT C-4	16 Dec 78	IPC	20 31 46.1	+40 33 07
51	3380	CYG X-3 BORESIGHT B-1	16 Dec 78	IPC	20 31 46.7	+40 47 05
52	3390	CYG X-3 BORESIGHT C-4	16 Dec 78	IPC	20 31 56.7	+40 31 08
53	3384	CYG X-3 BORESIGHT C-1	16 Dec 78	IPC	20 31 57.1	+41 03 03
54	3377	CYG X-3 BORESIGHT A-2	17 Dec 78	IPC	20 27 54.2	+40 47 05
55	3382	CYG X-3 BORESIGHT B-2	17 Dec 78	IPC	20 29 18.7	+40 47 05
56	3376	CYG X-3 BORESIGHT A-2	17 Dec 78	IPC	20 30 32.6	+40 17 05
57	3381	CYG X-3 BORESIGHT B-2	17 Dec 78	IPC	20 30 32.6	+40 33 07
58	3375	CYG X-3 BORESIGHT A-1	17 Dec 78	IPC	20 33 11.1	+40 47 05

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59	470	A1550 (MISPOINT)	18 Dec 78	IPC	12 26 29.5	+47 34 58
60	445	NGC 4861 ABNORMAL GALAX	18 Dec 78	IPC	12 56 39.6	+35 07 53
61	525	TON 155/156 (QSO 1318+2	18 Dec 78	IPC	13 18 48.0	+29 06 59
62	542	B2 1225+31 QUASAR SURVE	19 Dec 78	IPC	12 25 55.9	+31 45 47
63	277	M87 VIRGO CLUSTER IMAGE	20 Dec 78	IPC	12 28 18.0	+12 39 59
64	471	NGC 4631 ABNORMAL GALAX	20 Dec 78	IPC	12 39 40.7	+32 48 47
65	529	GROUP OF HIGH Z QUASARS	20 Dec 78	IPC	12 45 00.0	+34 39 59
66	3394	HZ 43 BORESIGHT 2	20 Dec 78	IPC	13 12 55.9	+29 22 01
67	278	M84 VIRGO CLUSTER IMAGE	22 Dec 78	IPC	12 24 00.0	+12 59 59
68	3393	HZ 43 BORESIGHT 2	22 Dec 78	IPC	13 14 00.0	+29 08 01
69	883	EG 098 (HZ43) STELLAR O	22 Dec 78	IPC	13 14 00.0	+29 22 01
70	3392	HZ 43 BORESIGHT 1	22 Dec 78	IPC	13 15 04.0	+29 22 01
71	281	NGC 4254 VIRGO CLUSTER	23 Dec 78	IPC	12 28 00.0	+13 59 59
72	292	A85 DETAILED CLUSTER ST	24 Dec 78	IPC	00 39 06.0	-09 37 59
73	293	A1795 DETAILED CLUSTER	25 Dec 78	IPC	13 46 42.0	+26 49 59
74	279	NGC 4406 VIRGO CLUSTER	26 Dec 78	IPC	12 30 00.0	+11 37 29
75	320	A 1775 CLUSTERS WITH TA	27 Dec 78	IPC	13 39 36.0	+26 36 59
76	3405	A 1795 HALO EMISSION AR	27 Dec 78	IPC	13 42 47.9	+26 35 59
77	2595	COMA CLUSTER: POSITION	29 Dec 78	FPC	12 57 12.0	+28 08 59
78	2594	COMA CLUSTER: POSITION	30 Dec 78	FPC	12 57 12.0	+28 08 59
79	2579	VIRGO CLUSTER/M87: POSI	31 Dec 78	FPC	12 28 18.0	+12 39 59
80	2581	VIRGO CLUSTER/M87: POSI	2 Jan 79	FPC	12 28 18.0	+12 39 59
81	2580	VIRGO CLUSTER/M87: POSI	3 Jan 79	FPC	12 28 18.0	+12 39 59
82	2583	VIRGO CLUSTER/M87: POSI	4 Jan 79	FPC	12 28 18.0	+12 39 59
83	2584	VIRGO CLUSTER/M87: POSI	4 Jan 79	FPC	12 28 18.0	+12 39 59
84	2582	VIRGO CLUSTER/M87: POSI	5 Jan 79	FPC	12 28 18.0	+12 39 59
85	510	3CR 351 (QSO 1704+608)	5 Jan 79	IPC	17 04 03.6	+60 48 28
86	1790	A1656 (COMA): STUDY, CL	6 Jan 79	IPC	12 57 21.0	+27 52 29
87	1792	A1656 (COMA): STUDY, CL	6 Jan 79	IPC	12 57 21.0	+28 37 29
88	2140	X-RAY SURVEY OF NORMAL	6 Jan 79	IPC	14 01 29.9	+54 35 59
89	505	3CR 9 (QSO 0017+154) QU	8 Jan 79	IPC	00 17 49.8	+15 24 15
90	518	PQ0026+129 QUASAR SURVE	8 Jan 79	IPC	00 25 38.0	+12 59 28
91	541	PHL 891/894/909 (QSO 00	8 Jan 79	IPC	00 52 06.0	+14 29 59
92	544	3C 279 (QSO 1253-055) Q	8 Jan 79	IPC	12 53 35.8	-05 31 07
93	1759	LOCAL SUPERCLUSTER TARG	9 Jan 79	IPC	01 02 24.0	+32 29 59
94	272	3C 330 COMP CLUSTER EVO	9 Jan 79	IPC	16 09 11.0	+66 02 59
95	1511	COMPACT GALAXY NGC 3783	10 Jan 79	SSS	11 36 32.9	-37 27 39
96	191	A179 CLUSTER SURFACE BR	14 Jan 79	IPC	01 19 06.0	+19 13 58
97	1090	2A0235-526, UNIDENTIFIE	14 Jan 79	HRI	02 35 04.8	-52 37 11
98	475	CEN-A (NGC 5128)	15 Jan 79	HRI	13 22 29.9	-42 35 59
99	3123	3C 33: OPTICAL OBJECTS	16 Jan 79	HRI	01 06 06.0	+13 03 59
100	1479	COMPACT SEYFERT NGC5548	16 Jan 79	SSS	14 15 43.2	+25 21 59
101	3428	SC 1345-301,IRON ABUNDA	18 Jan 79	SSS	13 45 18.0	-30 05 59
102	1442	CLUSTER A1795,DOY 4,187	18 Jan 79	SSS	13 46 33.6	+26 50 35
103	2723	MKN 501	22 Jan 79	FPC	16 52 12.3	+39 50 21
104	3583	4U 1456+22 SUPERCLUSTER	23 Jan 79	IPC	14 58 00.0	+22 29 59
105	3581	4U 1456+22 SUPERCLUSTER	23 Jan 79	IPC	15 02 00.0	+22 29 59
106	792	N. POLAR SPUR: SOFT X-R	23 Jan 79	IPC	15 25 10.0	+10 16 59
107	793	N. POLAR SPUR: SOFT X-R	23 Jan 79	IPC	15 25 10.0	+11 21 59
108	573	M 31 X RAY DISTRIBUTION	24 Jan 79	IPC	00 38 00.0	+40 24 57
109	2013	0237-23/45 Z SYSTEMS: S	25 Jan 79	IPC	02 37 00.0	-22 59 59
110	2338	SOUTHERN HEMISPHERE SUR	25 Jan 79	IPC	03 03 00.0	-22 17 59
111	2665	SEYFERT GALAXY SURVEY:	25 Jan 79	IPC	13 53 42.0	+18 36 59
112	796	N. POLAR SPUR: SOFT X-R	25 Jan 79	IPC	15 25 10.0	+14 36 59
113	1457	COMPACT EXTRAGALACTIC B	25 Jan 79	SSS	16 52 11.9	+39 50 23
114	1482	COMPACT SEYFERT NGC 136	26 Jan 79	SSS	03 35 00.0	-36 09 59
115	1440	CLUSTER A2199,DOY 43,22	27 Jan 79	SSS	16 26 55.3	+39 39 35
116	801	N. POLAR SPUR: SOFT X-R	28 Jan 79	IPC	15 29 00.0	+10 49 59
117	805	N. POLAR SPUR: SOFT X-R	28 Jan 79	IPC	15 29 00.0	+15 09 59
118	809	N. POLAR SPUR: SOFT X-R	28 Jan 79	IPC	15 32 50.0	+10 16 59
119	810	N. POLAR SPUR: SOFT X-R	28 Jan 79	IPC	15 32 50.0	+11 21 59
120	1812	0221-0849: X-RAY STUDY	28 Jan 79	IPC	02 21 30.0	-08 48 59

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121	229	A 348 CLUSTER EVOLUTION	28 Jan 79	IPC	02 21 32.0	-08 48 59
122	813	N. POLAR SPUR: SOFT X-R	28 Jan 79	IPC	15 32 50.0	+14 36 59
123	322	ZW 1615.8 CLUSTERS WITH	28 Jan 79	IPC	16 15 47.8	+35 04 59
124	3585	4U 1456+22 SUPERCLUSTER	29 Jan 79	IPC	14 54 00.0	+22 29 59
125	1854	A2079: X-RAY STUDY OF C	29 Jan 79	IPC	15 26 00.0	+29 02 59
126	1798	A2142: STUDY, CLUSTERS	29 Jan 79	IPC	15 56 11.9	+27 21 59
127	2056	X-RAY STUDY OF QUASARS:	29 Jan 79	IPC	16 12 07.8	+26 25 59
128	3587	4U 1456+22 SUPERCLUSTER	30 Jan 79	IPC	14 50 00.0	+22 29 59
129	136	A2089 CLUSTER SURFACE B	30 Jan 79	IPC	15 30 33.6	+28 11 23
130	2705	QUASAR SURVEY: PKS 0237	2 Feb 79	IPC	02 37 54.0	-23 21 59
131	283	PERSEUS CLUSTER (NGC 12	2 Feb 79	IPC	03 16 30.0	+41 19 59
132	3072	4C 14.60: BL LAC'S IN C	2 Feb 79	IPC	15 38 30.0	+14 57 21
133	2709	QUASAR SURVEY: 3C66A	5 Feb 79	IPC	02 19 30.0	+42 48 29
134	477	CEN-A INNER RADIO LOBES	5 Feb 79	IPC	13 22 29.9	-42 45 57
135	461	NGC 5919/20/31 ABNORMAL	5 Feb 79	IPC	15 19 00.0	+07 52 59
136	524	4C 11.5A/B (QSO 1548+11	5 Feb 79	IPC	15 48 21.4	+11 29 47
137	2604	MKW 3S: CD GALAXIES IN	6 Feb 79	IPC	15 19 24.0	+07 52 59
138	462	NGC 6027A-F ABNORMAL GA	6 Feb 79	IPC	15 56 59.9	+20 48 59
139	1449	COMPACT EXTRAGALACTIC S	10 Feb 79	SSS	13 22 32.0	-42 45 29
140	3661	BL LAC A0235+164 FLARE-	11 Feb 79	HRI	02 35 52.6	+16 24 04
141	1402	COMPACT EXTRAGAL SOURCE	11 Feb 79	SSS	03 16 29.6	+41 19 50
142	700	NGC 6121 GLOBULAR CLUST	12 Feb 79	HRI	16 20 36.0	+02 15 59
143	1428	CLUSTER A478 ,DOY 52,23	19 Feb 79	SSS	04 10 40.4	+10 20 36
144	1467	COMPACT EXTRAGALACTIC S	19 Feb 79	SSS	04 30 31.6	+05 14 58
145	3429	A 347,IRON ABUNDANCE EV	20 Feb 79	SSS	02 51 36.0	+41 22 47
146	2589	PERSEUS CLUSTER: POSITI	21 Feb 79	FPC	03 16 30.0	+41 19 53
147	3678	PERSEUS CLUSTER/NGC 127	22 Feb 79	FPC	03 16 30.0	+41 19 53
148	285	NGC 1275 6 SEC.RESOLUTI	22 Feb 79	HRI	03 16 30.0	+41 19 59
149	3705	4C11.5A/B (QSO 1548+114	23 Feb 79	HRI	15 48 21.4	+11 29 47
150	2801	GLOBULAR CLUSTERS: NGC6	24 Feb 79	HRI	16 45 35.9	+47 36 59
151	1147	4U1722+11, UNIDENTIFIED	24 Feb 79	HRI	17 22 47.9	+11 56 59
152	1923	X-RAY STUDY OF RADIO GA	24 Feb 79	HRI	18 19 59.7	+68 55 59
153	521	3C 110 (QSO 0414-060) Q	25 Feb 79	IPC	04 14 49.2	-06 01 03
154	2691	3C 338: BRIGHT X-GALACT	25 Feb 79	IPC	16 26 55.2	+39 39 30
155	313	A 2218 CLUSTERS WITH WE	25 Feb 79	IPC	16 35 41.8	+66 19 59
156	1997	X-RAY STUDY OF BL LAC O	26 Feb 79	IPC	15 14 48.0	-24 10 59
157	3189	NOVA OR NOVA-LIKE OBJ.:	26 Feb 79	IPC	15 57 25.0	+26 03 35
158	3220	RS CVN SYSTEMS: WW DRA	26 Feb 79	IPC	16 38 21.0	+60 47 44
159	3041	4C71.16: HIGH REDSHIFT	26 Feb 79	IPC	16 45 00.9	+71 04 29
160	3069	PKS 0548-322: BL LAC'S	28 Feb 79	IPC	05 48 50.0	-32 16 55
161	2606	AWM 4: CD GALAXIES IN P	28 Feb 79	IPC	16 02 47.9	+24 03 59
162	936	ALPHA AUR (CAPELLA) STE	2 Mar 79	HRI	05 12 59.5	+45 56 57
163	1726	STELLAR SOURCE CAPELLA,	2 Mar 79	SSS	05 12 59.5	+45 56 57
164	379	3C 338 RADIO SOURCE SUR	3 Mar 79	HRI	16 26 54.8	+39 39 29
165	3253	MKN 501, EXTRAGALACTIC	3 Mar 79	HRI	16 52 11.9	+39 50 23
166	1145	4U 1715+02, UNIDENTIFIE	3 Mar 79	HRI	17 15 23.7	+02 47 59
167	1082	DELTA ORI	6 Mar 79	HRI	05 29 27.0	+00 20 03
168	303	A 478 CLUSTERS WITH WEL	7 Mar 79	IPC	04 10 36.0	+10 21 59
169	567	QSO 1635+119 QUASAR SUR	7 Mar 79	IPC	16 35 26.0	+11 55 40
170	3721	0420-388 ,QUASAR SURVEY	9 Mar 79	IPC	04 20 30.0	-38 50 59
171	350	3C 120 SEYFERT VARIABIL	9 Mar 79	IPC	04 30 30.0	+05 14 59
172	1458	COMPACT EXTRAGALACTIC B	11 Mar 79	SSS	05 48 50.3	-32 16 55
173	1510	COMPACT GALAXY NGC 2110	11 Mar 79	SSS	05 49 45.6	-07 27 59
174	935	ALPHA AUR (CAPELLA) STE	14 Mar 79	G10	05 12 59.5	+45 56 57
175	3632	A 2312, IRON ABUNDANCE	20 Mar 79	SSS	18 54 47.8	+68 18 46
176	3802	STARS: CAPELLA, 07A, 21	22 Mar 79	FPC	05 12 59.6	+45 56 45
177	2933	LOW-ENERGY X-RAY SOURCE	23 Mar 79	FPC	05 12 59.6	+45 56 45
178	3803	STARS: CAPELLA, 07B, 21	23 Mar 79	FPC	05 12 59.6	+45 56 45
179	3804	STARS: CAPELLA, 08, 18.	23 Mar 79	FPC	05 12 59.6	+45 56 45
180	1112	4U 0627-38, UNIDENTIFIE	24 Mar 79	HRI	06 27 18.0	-38 05 59
181	2629	SEYFERT GALAXY SURVEY:	26 Mar 79	IPC	17 20 41.8	+30 55 59
182	2630	SEYFERT GALAXY SURVEY:	27 Mar 79	IPC	17 48 47.8	+68 42 59

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183	2650	SEYFERT GALAXY SURVEY:	27 Mar 79	IPC	18 33 11.7	+32 38 59
184	3185	OLD NOVAE: CD-42	29 Mar 79	IPC	19 43 59.7	-42 06 59
185	1503	COMPACT N-GALAXY 3C382	29 Mar 79	SSS	18 33 11.7	+32 39 17
186	1469	MCG 68-11-11,DOY 79,265	30 Mar 79	SSS	05 51 09.9	+46 25 54
187	1474	ESO 141-G55: COMPACT X-	30 Mar 79	SSS	19 16 56.7	-58 45 49
188	2703	ACTIVE AND ABNORMAL GAL	2 Apr 79	HRI	05 49 47.0	-07 18 20
189	2796	GLOBULAR CLUSTERS: NGC2	3 Apr 79	HRI	07 34 48.0	+38 59 59
190	343	MKN 79 SEYFERT SURVEY	3 Apr 79	HRI	07 38 48.0	+49 54 59
191	589	NGC 2403 HIGH RESOLUTIO	8 Apr 79	IPC	07 32 02.9	+65 42 41
192	1991	X-RAY STUDY OF BL LAC O	8 Apr 79	IPC	07 35 06.0	+17 48 59
193	2062	3C 351: X-RAY STUDY OF	8 Apr 79	IPC	17 04 00.0	+60 47 59
194	2621	SEYFERT GALAXY SURVEY:	9 Apr 79	IPC	06 55 42.0	+54 16 59
195	3148	ARP 143: RING GALAXIES	9 Apr 79	IPC	07 43 33.3	+39 08 05
196	3475	3C 192,BROAD AND NARROW	9 Apr 79	IPC	08 03 00.0	+24 17 59
197	3263	EXTRAGALACTIC STRONG MI	10 Apr 79	IPC	07 45 35.8	+24 07 54
198	4066	EMPTY FIELD, GYRO TEST	11 Apr 79	IPC	18 42 19.7	+73 58 47
199	2308	YY GEM: STELLAR SURVEY:	12 Apr 79	IPC	07 31 00.0	+31 58 59
200	3264	0827+24: EXTRAGALACTIC	12 Apr 79	IPC	08 27 54.4	+24 21 07
201	354	NGC 6814 SEYFERT VARIAB	12 Apr 79	IPC	19 39 53.9	-10 26 59
202	584	NGC 2403 HIGH RESOLUTIO	19 Apr 79	HRI	07 32 02.8	+65 42 38
203	3160	ABELL 2218, SURFACE BRI	20 Apr 79	HRI	16 35 36.8	+66 18 28
204	760	CYG-A (3C 405)	20 Apr 79	HRI	19 57 47.8	+40 35 59
205	3002	MX AND ARIEL SOURCES: M	22 Apr 79	HRI	13 51 55.0	+69 33 12
206	345	NGC 6814 SEYFERT SURVEY	22 Apr 79	HRI	19 39 53.9	-10 26 59
207	346	MKN 509 SEYFERT SURVEY	22 Apr 79	HRI	20 41 29.7	-10 53 59
208	1490	COMPACT SEYFERT NGC 721	22 Apr 79	SSS	22 06 11.7	-47 24 59
209	1705	WHITE DWARF VV PUP	25 Apr 79	SSS	08 12 51.0	-18 53 59
210	1473	COMPACT EXTRAGALACTIC S	25 Apr 79	SSS	20 41 25.8	-10 54 16
211	550	OI 090.4 QUASAR SURVEY	27 Apr 79	IPC	07 54 28.0	+10 04 32
212	2021	4C 05.34: STUDY, QUASAR	27 Apr 79	IPC	08 05 18.0	+04 40 59
213	3470	MKN 133,SEYFERT AND ACT	27 Apr 79	IPC	09 58 06.0	+72 21 59
214	478	3CR 249.1 (QSO 1100+772	27 Apr 79	IPC	11 00 27.4	+77 15 08
215	1948	NGC 3516: SEYFERT AND N	27 Apr 79	IPC	11 03 24.0	+72 49 59
216	3471	MKN 166,SEYFERT AND ACT	27 Apr 79	IPC	11 16 12.0	+62 47 59
217	485	3CR 263 (QSO 1137+660)	27 Apr 79	IPC	11 37 09.3	+66 04 26
218	520	QSO 1351+640 QUASAR SUR	27 Apr 79	IPC	13 51 46.0	+64 00 27
219	3206	RS CVN SYSTEMS: SAO 015	28 Apr 79	IPC	10 52 36.4	+60 44 10
220	3472	MKN 206,SEYFERT AND ACT	28 Apr 79	IPC	12 22 00.0	+67 40 59
221	1807	CYG A: STUDY, CLUSTERS	28 Apr 79	IPC	19 57 05.8	+40 35 59
222	501	3CR 204 (QSO 0833+654)	30 Apr 79	IPC	08 33 18.0	+65 24 03
223	251	A 895 CLUSTER EVOLUTION	30 Apr 79	IPC	09 53 36.0	+49 43 59
224	423	NGC 3079 ABNORMAL GALAX	30 Apr 79	IPC	09 58 34.8	+55 55 23
225	2646	SEYFERT GALAXY SURVEY:	30 Apr 79	IPC	11 22 48.0	+54 38 59
226	2654	SEYFERT GALAXY SURVEY:	30 Apr 79	IPC	11 29 48.0	+53 12 59
227	2612	SEYFERT GALAXY SURVEY:	30 Apr 79	IPC	12 54 54.0	+59 16 59
228	2657	SEYFERT GALAXY SURVEY:	30 Apr 79	IPC	13 39 24.0	+67 55 59
229	2893	HISTORICAL SUPERNOVAE:	4 May 79	HRI	10 15 18.0	+41 39 59
230	1477	COMPACT SEYFERT FAIRALL	10 May 79	SSS	01 21 51.0	-59 03 59
231	1398	RS CVN, 2A1052+606	11 May 79	SSS	10 52 36.4	+60 44 11
232	4276	MKN 421	16 May 79	G10	11 01 42.0	+38 27 59
233	1483	COMPACT SEYFERT NGC 322	16 May 79	SSS	10 20 47.0	+20 07 07
234	1400	HIGH LATITUDE SOURCE 2A	16 May 79	SSS	21 55 57.8	-30 27 53
235	4234	TWIN QSO	18 May 79	HRI	09 57 57.3	+56 08 19
236	4220	CYG OB ASSOCIATION FOLL	18 May 79	HRI	20 31 30.8	+41 05 23
237	694	NGC 6760 GLOBULAR CLUST	19 May 79	HRI	10 08 36.0	+00 55 59
238	353	NGC 4151 SEYFERT VARIAB	19 May 79	IPC	12 08 00.0	+39 39 59
239	528	2126-150 QUASAR SURVEY	19 May 79	IPC	21 25 59.7	-14 59 59
240	531	QSO 2135-147 QUASAR SUR	19 May 79	IPC	21 35 00.9	-14 46 26
241	177	A999 CLUSTER SURFACE BR	20 May 79	IPC	10 20 42.0	+13 06 57
242	1945	NGC 3227: SEYFERT AND N	20 May 79	IPC	10 20 48.0	+20 06 59
243	129	A2440 CLUSTER SURFACE B	20 May 79	IPC	22 21 16.6	-01 51 35
244	519	3C 446 (QSO 2223-052) Q	20 May 79	IPC	22 23 11.7	-05 11 59

#	Seq.	EINSTEIN Description	Date	Instr.	R. A.	Decl.
245	265	C 2244-02 CLUSTER EVOLU	20 May 79	IPC	22 44 37.7	-02 20 59
246	563	QSO 1004+130 (4C 13.41)	21 May 79	IPC	10 04 45.0	+13 03 37
247	443	NGC 3991/94/95 ABNORMAL	21 May 79	IPC	11 55 00.0	+32 34 59
248	435	NGC 7496 ABNORMAL GALAX	21 May 79	IPC	23 06 58.6	-43 41 59
249	173	A1142 CLUSTER SURFACE B	22 May 79	IPC	10 58 18.0	+10 49 58
250	2031	TON 490: STUDY, QUASARS	23 May 79	IPC	10 11 00.0	+25 05 59
251	2644	SEYFERT GALAXY SURVEY:	23 May 79	IPC	10 28 48.0	+29 05 59
252	3122	3C 252: OPTICAL OBJECTS	23 May 79	IPC	11 08 47.0	+35 56 59
253	233	A 1246 CLUSTER EVOLUTIO	23 May 79	IPC	11 21 21.0	+21 44 59
254	4258	OPTICALLY BRIGHT, RADIO	23 May 79	IPC	12 02 08.9	+28 10 53
255	2074	X-RAY STUDY OF QUASARS:	23 May 79	IPC	22 51 25.1	-17 50 39
256	2687	3C 234.0: BRIGHT X-GALA	24 May 79	IPC	09 58 57.0	+29 01 36
257	4256	OPTICALLY BRIGHT, RADIO	24 May 79	IPC	10 28 09.8	+31 18 20
258	889	GR372 (G240-72) STELLAR	24 May 79	IPC	17 48 52.8	+70 52 41
259	2068	X-RAY STUDY OF QUASARS:	24 May 79	IPC	22 16 15.8	-03 50 35
260	4017	QUASAR 2225-055 (PHL 52	24 May 79	IPC	22 25 53.7	-05 34 16
261	3074	OY 091: BL LAC'S IN CLU	24 May 79	IPC	22 54 45.6	+07 27 10
262	3477	PKS 2322-12,BROAD AND N	24 May 79	IPC	23 22 59.7	-12 23 59
263	1943	3C 227: SEYFERT AND N-T	25 May 79	IPC	09 45 06.3	+07 39 16
264	2712	QUASAR SURVEY: 3C232	25 May 79	IPC	09 54 31.0	+32 36 59
265	1973	3C 445: SEYFERT AND N-T	25 May 79	IPC	22 21 17.8	-02 21 59
266	1872	22315-3800: X-RAY STUDY	25 May 79	IPC	22 31 29.7	-37 59 59
267	4295	STELLAR SOURCE AD LEO	28 May 79	SSS	10 16 56.0	+20 07 20
268	1897	NGC3718/VV150: X-RAY ST	31 May 79	HRI	11 29 52.5	+53 17 06
269	340	NGC 4151 SEYFERT SURVEY	1 Jun 79	HRI	12 08 00.0	+39 40 53
270	1128	2A1219+305, UNIDENTIFIE	1 Jun 79	HRI	12 18 51.3	+30 27 10
271	1913	X-RAY STUDY OF RADIO GA	1 Jun 79	HRI	22 12 05.8	+13 35 59
272	1160	2A2237-256, UNIDENTIFIE	1 Jun 79	HRI	22 32 23.9	-26 07 11
273	3168	HIGH MASS SEYFERTS: NGC	1 Jun 79	HRI	23 00 41.7	+08 35 59
274	349	MKN 421 BL LAC SURVEY	2 Jun 79	HRI	11 01 40.0	+38 27 59
275	2918	WHITE DWARFS: GD 140	2 Jun 79	HRI	11 34 30.0	+32 04 59
276	1922	X-RAY STUDY OF RADIO GA	2 Jun 79	HRI	12 43 43.9	+31 00 14
277	1151	4U1859+69 (2A), UNIDENT	2 Jun 79	HRI	18 59 23.7	+69 50 59
278	1162	2A2251-179, UNIDENTIFIE	2 Jun 79	HRI	22 51 25.3	-17 50 38
279	3710	MKN 279	4 Jun 79	SSS	13 51 52.0	+69 33 15
280	1492	COMPACT SEYFERT NGC7469	4 Jun 79	SSS	23 00 43.7	+08 36 17
281	2240	STELLAR SURVEY-EARLY TY	16 Jun 79	IPC	12 51 47.9	+56 13 59
282	220	A 1674 CLUSTER EVOLUTIO	16 Jun 79	IPC	13 01 42.0	+67 45 59
283	2123	X-RAY SURVEY OF NORMAL	16 Jun 79	IPC	12 25 48.0	+44 21 59
284	3151	VV 256: RING GALAXIES S	16 Jun 79	IPC	13 58 49.3	+41 13 43
285	2141	X-RAY SURVEY OF NORMAL	16 Jun 79	IPC	14 01 29.9	+54 35 59
286	3242	3C 319: DISTANT CLUSTER	16 Jun 79	IPC	15 22 47.0	+54 39 10
287	2063	3C 351: X-RAY STUDY OF	16 Jun 79	IPC	17 04 00.0	+60 47 59
288	4265	OPTICALLY BRIGHT, RADIO	16 Jun 79	IPC	18 03 35.8	+67 36 59
289	429	TOLOLO 9 ABNORMAL GALAX	17 Jun 79	IPC	10 32 00.0	-28 17 59
290	3296	CD GALAXIES IN POOR CLU	17 Jun 79	IPC	10 47 30.0	+00 35 59
291	3443	A 1285,MAGNETIC FIELDS	17 Jun 79	IPC	11 27 54.0	-14 16 59
292	3064	NGC 6306/7: NARROW EMIS	17 Jun 79	IPC	17 06 59.8	+60 47 59
293	2616	SEYFERT GALAXY SURVEY:	17 Jun 79	IPC	22 14 41.7	+13 58 59
294	3094	RADIO SOURCES WITH STEE	17 Jun 79	IPC	23 16 39.5	+15 24 57
295	4289	STARFIELD'S STAR	20 Jun 79	IPC	11 59 11.3	-03 28 45
296	2601	MKW 4: CD GALAXIES IN P	20 Jun 79	IPC	12 01 54.0	+02 10 59
297	532	QSO 1217+023 QUASAR SUR	20 Jun 79	IPC	12 17 38.3	+02 20 20
298	2037	3C 273: X-RAY STUDY OF	20 Jun 79	IPC	12 26 36.0	+02 19 59
299	2634	SEYFERT GALAXY SURVEY:	21 Jun 79	IPC	00 08 00.0	+10 41 59
300	1810	X-RAY STUDY OF CLUSTERS	21 Jun 79	IPC	00 24 00.0	+16 52 59
301	1770	A119: STUDY, CLUSTERS O	21 Jun 79	IPC	00 53 48.0	-01 30 59
302	469	NGC 4038/39 ABNORMAL GA	21 Jun 79	IPC	11 59 18.0	-18 34 59
303	460	SHAH ABNORMAL GALAXIES	21 Jun 79	IPC	14 48 00.0	+68 12 59
304	3075	OY 091: BL LAC'S IN CLU	21 Jun 79	IPC	22 54 45.6	+07 27 10
305	1424	CLUSTER A85 ,DOY 179,3	22 Jun 79	SSS	00 39 19.0	-09 33 59
306	1476	COMPACT EXTRAGALACTIC S	24 Jun 79	SSS	00 07 57.0	+10 41 47

#	Seq.	EINSTEIN Description	Date	Instr.	R. A.	Decl.
307	4214	3C 279 0.5 TO 4 KEV SPE	25 Jun 79	SSS	12 53 35.8	-05 31 07
308	1512	COMPACT GALAXY NGC 4593	26 Jun 79	SSS	12 37 04.8	-05 04 11
309	1478	COMPACT SEYFERT FAIRALL	27 Jun 79	SSS	01 21 51.0	-59 03 59
310	3457	0016+16,RICH CLUSTER OF	28 Jun 79	IPC	00 16 00.0	+16 09 35
311	1817	X-RAY STUDY OF CLUSTERS	28 Jun 79	IPC	00 37 12.0	+06 29 59
312	1983	OB 081: X-RAY STUDY OF	28 Jun 79	IPC	00 48 06.0	-09 44 59
313	2009	PHL 957: STUDY, QUASARS	28 Jun 79	IPC	01 00 36.0	+12 59 59
314	147	A1308 CLUSTER SURFACE B	28 Jun 79	IPC	11 30 21.6	-03 42 35
315	4036	QUASAR 1237-101 (ON-162)	28 Jun 79	IPC	12 37 07.2	-10 07 00
316	2133	X-RAY SURVEY OF NORMAL	28 Jun 79	IPC	12 40 47.9	+02 14 59
317	2134	X-RAY SURVEY OF NORMAL	28 Jun 79	IPC	12 46 00.0	-05 30 59
318	453	ZW CL ABNORMAL GALAXIES	29 Jun 79	IPC	00 54 00.0	-01 26 59
319	1820	A168: X-RAY STUDY OF CL	29 Jun 79	IPC	01 12 36.0	+00 00 59
320	2633	SEYFERT GALAXY SURVEY:	29 Jun 79	IPC	01 19 30.0	-01 17 59
321	1821	A194: X-RAY STUDY OF CL	29 Jun 79	IPC	01 23 00.0	-01 45 59
322	412	NGC 4636 ABNORMAL GALAX	29 Jun 79	IPC	12 40 18.0	+02 57 59
323	2130	X-RAY SURVEY OF NORMAL	29 Jun 79	IPC	12 41 05.9	+11 49 59
324	4260	OPTICALLY BRIGHT, RADIO	29 Jun 79	IPC	13 09 02.0	-05 36 06
325	538	4C 09.74 (QSO 2344+092)	29 Jun 79	IPC	23 44 03.4	+09 14 04
326	851	ETA BOO STELLAR OBSERVA	30 Jun 79	IPC	13 52 18.2	+18 38 50
327	356	NGC 5548 SEYFERT VARIAB	30 Jun 79	IPC	14 15 42.0	+25 21 59
328	290	A 2657 DETAILED CLUSTER	30 Jun 79	IPC	23 42 17.8	+08 52 59
329	4020	QUASAR 0043+008 (MCS 27	30 Jun 79	IPC	00 43 40.0	+00 48 05
330	196	A102 CLUSTER SURFACE BR	30 Jun 79	IPC	00 46 06.0	+01 05 59
331	1995	X-RAY STUDY OF BL LAC O	30 Jun 79	IPC	12 25 00.0	+20 35 59
332	2124	X-RAY SURVEY OF NORMAL	30 Jun 79	IPC	12 26 30.0	+14 14 59
333	3210	RS CVN SYSTEMS: UX COM	30 Jun 79	IPC	12 59 07.5	+28 53 47
334	4251	OPTICALLY BRIGHT, RADIO	1 Jul 79	IPC	01 37 44.0	-01 05 29
335	4313	VIRGO CLUSTER FOLLOW-UP	1 Jul 79	IPC	12 33 06.0	+12 39 59
336	4317	VIRGO CLUSTER FOLLOW-UP	1 Jul 79	IPC	12 34 00.0	+11 36 59
337	4342	VIRGO/M87 FE 20, 12.88	2 Jul 79	FPC	12 28 18.0	+12 39 59
338	4248	OPTICALLY BRIGHT, RADIO	2 Jul 79	IPC	00 54 36.0	+14 29 59
339	766	3C 33: OPTICAL OBJECTS	2 Jul 79	IPC	01 06 06.0	+13 03 59
340	4311	VIRGO CLUSTER FOLLOW-UP	2 Jul 79	IPC	12 23 42.0	+13 13 59
341	3086	RADIO SOURCES WITH STEE	2 Jul 79	IPC	12 44 00.0	+26 18 59
342	3917	3C 277.3 HALO	2 Jul 79	IPC	12 51 46.3	+27 53 48
343	3212	RS CVN SYSTEMS: FK COM	2 Jul 79	IPC	13 28 24.7	+24 29 24
344	4343	VIRGO/M87 NE 10, 12.18	3 Jul 79	FPC	12 28 18.0	+12 39 59
345	4344	VIRGO/M87 FE 24, 10.55	4 Jul 79	FPC	12 28 18.0	+12 39 59
346	4367	NGC 4631 ABNORMAL GALAX	4 Jul 79	HRI	12 39 40.7	+32 48 45
347	4321	VIRGO CLUSTER FOLLOW-UP	5 Jul 79	HRI	12 23 42.0	+13 13 59
348	282	M87,DETAILED MAPPING	5 Jul 79	HRI	12 28 18.0	+12 39 59
349	4320	VIRGO CLUSTER FOLLOW-UP	8 Jul 79	HRI	12 22 30.0	+13 09 59
350	1794	A1656 (COMA): STUDY, CL	9 Jul 79	HRI	12 57 21.0	+28 14 59
351	2912	WHITE DWARFS: HZ 44	9 Jul 79	HRI	13 21 20.0	+36 19 59
352	4368	TON 155/156 QUASAR STUD	10 Jul 79	HRI	13 18 54.0	+29 03 14
353	4003	QUASAR Q 0122-379	10 Jul 79	IPC	01 22 00.0	-37 58 59
354	4309	VIRGO CLUSTER FOLLOW-UP	10 Jul 79	IPC	12 31 29.9	+07 57 59
355	3900	0118-272, BL-LAC OBJEC	11 Jul 79	IPC	01 18 09.5	-27 17 06
356	439	NGC 526/27 ABNORMAL GAL	11 Jul 79	IPC	01 20 00.0	-35 19 58
357	2636	SEYFERT GALAXY SURVEY:	11 Jul 79	IPC	02 12 00.0	+00 59 59
358	1793	A1656 (COMA): STUDY,CLU	11 Jul 79	IPC	12 57 20.7	+28 11 59
359	2041	X-RAY STUDY OF QUASARS:	11 Jul 79	IPC	12 58 30.0	+28 41 59
360	2046	X-RAY STUDY OF QUASARS:	11 Jul 79	IPC	13 03 45.1	+31 07 00
361	549	B2 1308+326 QUASAR SURV	11 Jul 79	IPC	13 07 59.9	+32 25 59
362	1852	A1939: X-RAY STUDY OF C	11 Jul 79	IPC	14 35 00.0	+25 02 59
363	237	A 1952 CLUSTER EVOLUTIO	11 Jul 79	IPC	14 38 54.0	+28 49 59
364	3464	MKN 573,SEYFERT AND ACT	12 Jul 79	IPC	01 41 24.0	+02 05 59
365	3366	W UMA STARS: 44 BOO	12 Jul 79	IPC	15 02 08.0	+47 50 52
366	1851	X-RAY STUDY OF CLUSTERS	13 Jul 79	IPC	14 20 18.0	+48 47 59
367	2014	0237-23/45 Z SYSTEMS: S	14 Jul 79	IPC	02 37 53.0	-23 22 08
368	1394	2A0311-227	15 Jul 79	SSS	03 12 00.0	-22 46 48

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369	3169	HIGH MASS SEYFERTS: MKN	19 Jul 79	HRI	02 12 00.0	+00 59 59
370	4207	FURTHER STUDY OF 3C351	19 Jul 79	HRI	17 04 00.0	+60 49 59
371	2632	SEYFERT GALAXY SURVEY:	20 Jul 79	IPC	00 51 00.0	+12 24 59
372	3718	0143-015, QUASAR SURVEY	20 Jul 79	IPC	01 43 19.0	-01 35 35
373	3978	NAB 0205+024, BRIGHT O	20 Jul 79	IPC	02 05 14.6	+02 28 42
374	4470	SEYFERT MKN 590	20 Jul 79	IPC	02 12 05.0	+00 59 56
375	3143	NGC 985: RING GALAXIES	20 Jul 79	IPC	02 32 10.2	-09 00 13
376	4004	QUASAR Q 1246-057	20 Jul 79	IPC	12 46 38.0	-05 42 43
377	4016	QUASAR 1334+285	20 Jul 79	IPC	13 34 36.1	+28 35 41
378	203	A168 CLUSTER SURFACE BR	22 Jul 79	IPC	01 12 36.0	+00 19 58
379	3714	0143-010, QUASAR SURVEY	22 Jul 79	IPC	01 43 49.0	-01 01 05
380	845	ALPHA TRI STELLAR OBSER	22 Jul 79	IPC	01 50 13.4	+29 20 09
381	3038	4C10.40: HIGH REDSHIFT	22 Jul 79	IPC	15 09 05.0	+10 12 57
382	3088	RADIO SOURCES WITH STEE	22 Jul 79	IPC	15 10 00.0	+15 25 58
383	1967	3C 371: SEYFERT AND N-T	22 Jul 79	IPC	18 07 05.8	+69 54 59
384	1819	A154: X-RAY STUDY OF CL	23 Jul 79	IPC	01 08 18.0	+17 24 59
385	190	A195 CLUSTER SURFACE BR	23 Jul 79	IPC	01 24 12.0	+18 55 58
386	4022	QUASAR 0226-038 (PHL 13	23 Jul 79	IPC	02 26 22.6	-03 50 56
387	1927	NGC 1068: SEYFERT AND N	23 Jul 79	IPC	02 40 06.0	+00 13 59
388	2092	X-RAY SURVEY OF NORMAL	23 Jul 79	IPC	02 41 06.0	+01 09 59
389	2050	X-RAY STUDY OF QUASARS:	23 Jul 79	IPC	14 42 48.0	+10 08 59
390	1853	A2052: X-RAY STUDY OF C	23 Jul 79	IPC	15 14 18.0	+07 11 59
391	2720	QUASAR SURVEY: 1749+701	23 Jul 79	IPC	17 48 59.8	+70 00 59
392	159	A2301 CLUSTER SURFACE B	23 Jul 79	IPC	18 15 11.7	+69 38 23
393	3727	0146+017, QUASAR SURVEY	24 Jul 79	IPC	01 46 00.0	+01 41 59
394	1987	X-RAY STUDY OF BL LAC O	24 Jul 79	IPC	02 35 00.0	+16 23 59
395	3065	NGC 6306/7: NARROW EMIS	24 Jul 79	IPC	17 06 59.8	+60 47 59
396	3968	1302-102, BRIGHT NEARB	25 Jul 79	IPC	13 02 55.8	-10 17 16
397	433	TOLOLO 41 ABNORMAL GALA	26 Jul 79	IPC	14 00 00.0	-29 53 59
398	4144	H1423+01 POSITION	26 Jul 79	IPC	14 23 48.0	+01 17 23
399	4208	FURTHER STUDY OF 3C351	26 Jul 79	IPC	17 02 59.8	+60 55 59
400	160	A2255 CLUSTER SURFACE B	26 Jul 79	IPC	17 12 11.7	+64 08 59
401	2004	X-RAY STUDY OF BL LAC O	26 Jul 79	IPC	17 26 59.8	+50 11 59
402	3812	BETA DRA CORONA	26 Jul 79	IPC	17 29 17.8	+52 19 59
403	4353	44 BOO SPECTRUM	26 Jul 79	SSS	15 02 07.2	+47 50 59
404	1472	COMPACT EXTRAGALACTIC S	27 Jul 79	SSS	13 33 00.0	-34 02 25
405	3068	BL LAC'S IN CLUSTERS OF	29 Jul 79	IPC	02 19 30.0	+42 48 28
406	3823	2A 0311-227	29 Jul 79	IPC	03 12 00.0	-22 46 47
407	1938	NGC 1566: SEYFERT AND N	29 Jul 79	IPC	04 18 48.0	-55 03 59
408	2051	X-RAY STUDY OF QUASARS:	29 Jul 79	IPC	14 42 48.0	+10 08 59
409	2614	SEYFERT GALAXY SURVEY:	29 Jul 79	IPC	15 34 42.0	+58 04 59
410	2627	SEYFERT GALAXY SURVEY:	29 Jul 79	IPC	15 35 06.0	+54 41 59
411	1818	X-RAY STUDY OF CLUSTERS	30 Jul 79	IPC	01 01 24.0	+24 48 59
412	1902	IC4296=1332-33: X-RAY S	30 Jul 79	IPC	13 32 48.0	-33 37 59
413	4587	1.5 DEGREE OFFSET FROM	30 Jul 79	IPC	16 19 37.0	+41 14 59
414	3438	A2197 SUPERCLUSTER	30 Jul 79	IPC	16 27 57.1	+40 58 11
415	588	NGC 5236 HIGH RESOLUTIO	31 Jul 79	IPC	13 34 10.2	-29 36 46
416	3972	1451-375, BRIGHT NEARB	1 Aug 79	IPC	14 51 18.3	-37 35 22
417	3080	RADIO SOURCES WITH STEE	2 Aug 79	IPC	03 00 27.4	+16 14 35
418	4493	CEN A FOLLOW-UP	2 Aug 79	IPC	13 22 29.9	-42 35 59
419	749	LUPUS LOOP SNR X-RAY ST	2 Aug 79	IPC	15 10 00.0	-37 29 59
420	4477	PERSEUS CLUSTER (IC310)	3 Aug 79	IPC	03 13 25.2	+41 08 26
421	4478	PERSEUS CLUSTER (NGC 12	3 Aug 79	IPC	03 14 57.0	+41 40 29
422	2052	X-RAY STUDY OF QUASARS:	3 Aug 79	IPC	15 10 06.0	-08 54 59
423	1998	X-RAY STUDY OF BL LAC O	3 Aug 79	IPC	15 14 48.0	-24 10 59
424	4495	CEN A FOLLOW-UP	5 Aug 79	HRI	13 22 32.0	-42 45 29
425	4494	VII ZW 674 / 3C 351	6 Aug 79	HRI	17 01 30.7	+61 02 23
426	344	IC 4329A SEYFERT SURVEY	7 Aug 79	HRI	13 46 12.0	-30 02 59
427	4481	M 31 FOLLOW-UP (HRI POS	8 Aug 79	HRI	00 37 32.9	+40 30 48
428	3838	40 ERI	8 Aug 79	HRI	04 12 58.2	-07 43 45
429	4468	EMPTY FIELD (MISPOINT)	10 Aug 79	SSS	16 12 07.8	+26 25 58
430	1470	COMPACT EXTRAGALACTIC S	11 Aug 79	SSS	13 46 27.9	-30 03 41

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431	1931	X-RAY STUDY OF SEYFERT	13 Aug 79	IPC	03 53 00.0	+02 41 59
432	1933	3C 99: SEYFERT AND N-TY	13 Aug 79	IPC	03 58 30.0	+00 16 59
433	4191	A 2022, CLUSTER WITH WE	13 Aug 79	IPC	15 02 12.0	+28 36 59
434	4062	LB 9763, RADIO QUIET QU	13 Aug 79	IPC	15 27 25.5	+20 49 22
435	315	ZW 1545 CLUSTERS WITH W	13 Aug 79	IPC	15 45 06.0	+21 03 59
436	2054	X-RAY STUDY OF QUASARS:	13 Aug 79	IPC	15 45 30.0	+21 01 59
437	3923	GC 6034 HALO	13 Aug 79	IPC	16 01 16.1	+17 20 11
438	3194	RS CVN SYSTEMS: HR 1362	14 Aug 79	IPC	04 18 11.3	-06 21 47
439	1989	X-RAY STUDY OF BL LAC O	14 Aug 79	IPC	04 22 00.0	+00 28 59
440	799	N. POLAR SPUR: SOFT X-R	14 Aug 79	IPC	15 29 00.0	+08 39 59
441	3073	4C 14.60: BL LAC'S IN C	14 Aug 79	IPC	15 38 30.0	+14 57 21
442	2713	QUASAR SURVEY: 4C11.50	14 Aug 79	IPC	15 48 22.0	+11 29 17
443	1801	A2151: STUDY, CLUSTERS	14 Aug 79	IPC	16 03 00.0	+17 52 59
444	865	EG 033 (40 ERI B) STELL	15 Aug 79	IPC	04 13 00.0	-07 43 59
445	351	3C 120 SEYFERT VARIABIL	15 Aug 79	IPC	04 30 30.0	+05 14 59
446	1939	3C 120: SEYFERT AND N-T	15 Aug 79	IPC	04 30 30.0	+05 14 59
447	1799	A2142: STUDY, CLUSTERS	15 Aug 79	IPC	15 56 11.9	+27 21 59
448	4193	A 2199, CLUSTER WITH WE	15 Aug 79	IPC	16 26 53.8	+39 37 59
449	2057	X-RAY STUDY OF QUASARS:	16 Aug 79	IPC	16 12 07.8	+26 25 59
450	4103	H1617+05 POSITION	16 Aug 79	IPC	16 18 01.8	+05 55 17
451	3177	EG275: NEW WHITE DWARF	16 Aug 79	IPC	16 20 30.0	+26 02 23
452	4531	CLUSTER A 2210	16 Aug 79	IPC	16 32 17.8	+05 35 59
453	2094	NGC 1300: NORMAL GALAXY	17 Aug 79	IPC	03 17 30.0	-19 33 59
454	3058	NGC 1365: NARROW EMISSI	17 Aug 79	IPC	03 31 48.0	-36 17 59
455	1431	CLUSTER A2142, DOY 39,22	21 Aug 79	SSS	15 56 15.0	+27 22 09
456	4594	0335+096	22 Aug 79	SSS	03 35 57.1	+09 48 31
457	3913	BL LAC PKS 548-322	24 Aug 79	HRI	05 48 48.9	-32 17 06
458	4356	AWM4, CD GALAXY IN POOR	24 Aug 79	HRI	16 02 46.2	+24 03 47
459	380	3C 338 RADIO SOURCE SUR	24 Aug 79	HRI	16 26 54.8	+39 39 29
460	4357	MKW 3S, CD GALAXY IN PO	24 Aug 79	SSS	15 19 23.0	+07 52 40
461	4359	MKW 3S, CD GALAXY IN PO	25 Aug 79	HRI	15 19 23.0	+07 52 40
462	1800	A2142: STUDY, CLUSTERS	25 Aug 79	HRI	15 56 11.9	+27 21 59
463	330	A 2244 2245 SUPERCLUSTE	25 Aug 79	IPC	17 00 59.9	+33 50 59
464	4008	QUASAR Q 0420-388	26 Aug 79	IPC	04 20 30.0	-38 50 59
465	2222	STELLAR SURVEY-EARLY TY	26 Aug 79	IPC	05 44 12.0	-32 18 59
466	240	ZWC 1545+21 CLUSTER EVO	26 Aug 79	IPC	15 45 12.0	+21 04 59
467	3090	RADIO SOURCES WITH STEE	26 Aug 79	IPC	17 09 17.8	+39 45 23
468	3975	1721+343, BRIGHT NEARB	26 Aug 79	IPC	17 21 31.8	+34 20 41
469	1857	A2197: X-RAY STUDY OF C	27 Aug 79	IPC	16 26 36.0	+41 01 01
470	2060	X-RAY STUDY OF QUASARS:	27 Aug 79	IPC	16 41 17.5	+39 54 10
471	310	A 545 CLUSTERS WITH WEL	28 Aug 79	IPC	05 30 00.0	-11 33 59
472	3145	II ZW 28: RING GALAXIES	30 Aug 79	IPC	04 59 04.2	+03 30 06
473	2055	X-RAY STUDY OF QUASARS:	30 Aug 79	IPC	15 45 30.0	+21 01 59
474	411	NGC 6052 ABNORMAL GALAX	30 Aug 79	IPC	16 03 00.8	+20 40 29
475	4053	HIGH REDSHIFT QUASAR	30 Aug 79	IPC	16 24 02.8	+26 57 32
476	4198	COMPACT SOURCE IN A 478	2 Sep 79	HRI	04 10 40.6	+10 20 19
477	4908	3C120 (FOR STAR TRACKER	7 Sep 79	HRI	04 30 30.0	+05 14 59
478	2017	NRAO 190: STUDY, QUASAR	8 Sep 79	IPC	04 40 00.0	+00 22 59
479	2641	AKN 120: SEYFERT GALAXY	10 Sep 79	IPC	05 13 36.0	+00 11 59
480	4654	CAPELLA FE20, 12.83 ANG	12 Sep 79	FPC	05 12 59.6	+45 56 45
481	4652	CAPELLA, 08 LYMAN ALPHA	13 Sep 79	FPC	05 12 59.6	+45 56 45
482	1937	NGC 1566: SEYFERT AND N	21 Sep 79	IPC	04 18 48.0	-55 03 59
483	849	ALPHA AUR (CAPELLA) STE	21 Sep 79	IPC	05 12 59.5	+45 56 57
484	2219	STELLAR SURVEY-EARLY TY	25 Sep 79	IPC	05 29 36.0	+00 19 59
485	4395	DELTA ORI, STAR, SPECTR	2 Oct 79	SSS	05 29 27.0	+00 20 03
486	5009	PI 1 UMA SPECTRUM	4 Oct 79	SSS	08 34 46.7	+65 11 44
487	2653	SEYFERT GALAXY SURVEY:	5 Oct 79	IPC	07 37 55.9	+65 17 42
488	2607	SEYFERT GALAXY SURVEY:	5 Oct 79	IPC	07 32 36.0	+58 51 59
489	4456	PI UMA, CORRELLATION OF	5 Oct 79	IPC	08 34 47.0	+65 11 44
490	1947	NGC 3516: SEYFERT AND	5 Oct 79	IPC	11 03 24.0	+72 49 59
491	548	PKS 0521-36 QUASAR SURV	6 Oct 79	IPC	05 21 14.0	-36 29 59
492	3031	4C74.13: HIGH REDSHIFT	6 Oct 79	IPC	07 35 34.0	+74 21 31



#	Seq.	EINSTEIN Description	Date	Instr.	R. A.	Decl.
493	4600	MKN 80: S-TYPE MARKARIA	6 Oct 79	IPC	07 39 36.0	+64 50 59
494	4599	MKN 11: S-TYPE MARKARIA	7 Oct 79	IPC	07 43 12.0	+74 26 59
495	2019	PKS 0736+017: STUDY, QU	8 Oct 79	IPC	07 36 42.5	+01 43 59
496	2666	SEYFERT GALAXY SURVEY:	8 Oct 79	IPC	19 06 53.9	+50 50 59
497	547	PKS 0537-44 QUASAR SURV	9 Oct 79	IPC	05 37 09.0	-44 06 39
498	2707	QUASAR SURVEY: PKS 0548	10 Oct 79	IPC	05 48 48.0	-32 16 59
499	3003	MX AND ARIEL SOURCES: M	11 Oct 79	HRI	07 10 36.0	+45 47 23
500	2907	NEARBY PULSARS: CP0809	11 Oct 79	HRI	08 09 02.0	+74 38 23
501	4360	3C 382, CLUSTERING OF C	11 Oct 79	HRI	18 33 11.7	+32 38 59
502	1491	COMPACT SEYFERT NGC6814	14 Oct 79	SSS	19 39 55.0	-10 26 35
503	4951	ARP102,INTERACTING GALA	17 Oct 79	IPC	17 17 56.2	+49 01 48
504	2298	STELLAR SURVEY-PLANETAR	18 Oct 79	IPC	18 51 41.7	+32 57 59
505	3890	1921-293, BL-LAC OBJEC	18 Oct 79	IPC	19 21 41.9	-29 20 25
506	5227	QSO 0731+65W1,RADIO WEA	19 Oct 79	IPC	07 31 35.0	+65 19 52
507	5120	SUSPECTED BL LAC A	19 Oct 79	IPC	07 16 13.7	+71 26 14
508	1992	X-RAY STUDY OF BL LAC O	19 Oct 79	IPC	07 35 06.0	+17 48 59
509	2719	QUASAR SURVEY: MA 0829+	19 Oct 79	IPC	08 09 10.9	+04 39 50
510	5188	STAR HD 96511,CORRELATI	19 Oct 79	IPC	10 06 40.0	+82 00 19
511	2022	4C 05.34: STUDY, QUASAR	20 Oct 79	IPC	08 05 18.0	+04 40 58
512	1941	NGC 2782: SEYFERT AND N	20 Oct 79	IPC	09 10 54.0	+40 18 59
513	2711	QUASAR SURVEY: 3C191	22 Oct 79	IPC	08 02 04.0	+10 23 35
514	3024	A 30: PLANETARY NEBULAE	22 Oct 79	IPC	08 43 59.0	+18 03 59
515	5185	STAR HD 75767,CORRELATI	22 Oct 79	IPC	08 49 35.0	+08 15 17
516	2236	STELLAR SURVEY-EARLY TY	22 Oct 79	IPC	22 04 47.8	-47 11 59
517	3979	LB 8775, BRIGHT OPTICA	23 Oct 79	IPC	08 48 53.7	+16 23 39
518	3550	MKN 96, SEYFERT AND ACT	24 Oct 79	IPC	14 18 00.0	+53 59 59
519	3891	1921-293, BL-LAC OBJEC	25 Oct 79	IPC	19 21 41.9	-29 20 25
520	211	A 586 CLUSTER EVOLUTION	27 Oct 79	IPC	07 29 09.0	+31 43 59
521	838	ALPHA GEM (CASTOR) STEL	27 Oct 79	IPC	07 31 24.7	+31 59 57
522	1993	X-RAY STUDY OF BL LAC O	27 Oct 79	IPC	08 51 48.0	+20 13 59
523	481	3CR 215 (QSO 0903+169)	27 Oct 79	IPC	09 03 44.2	+16 58 15
524	2716	QUASAR SURVEY: B30912+2	27 Oct 79	IPC	09 12 54.0	+29 46 59
525	3722	2204-408 ,QUASAR SURVEY	28 Oct 79	IPC	22 04 53.9	-40 50 59
526	2622	SEYFERT GALAXY SURVEY:	29 Oct 79	IPC	07 52 00.0	+39 18 59
527	3033	4C29.31: HIGH REDSHIFT	29 Oct 79	IPC	08 40 08.0	+29 55 35
528	3919	3C 402 HALO	29 Oct 79	IPC	19 40 22.2	+50 28 59
529	5337	SURVEY OF BRIGHT QUASAR	30 Oct 79	IPC	08 44 34.0	+34 56 04
530	4621	POOR ZWICKY CLUSTER: 09	30 Oct 79	IPC	09 38 18.0	+39 58 11
531	5631	Sigma DRA	30 Oct 79	IPC	19 32 27.8	+69 34 59
532	5404	0637-75,QSO'S WITH RADI	31 Oct 79	IPC	06 37 23.3	-75 13 37
533	5507	Iota UMA	31 Oct 79	IPC	08 55 48.0	+48 13 59
534	3962	0906+484, BRIGHT NEARB	31 Oct 79	IPC	09 06 53.8	+48 26 45
535	5626	Delta DRA	31 Oct 79	IPC	19 12 32.8	+67 34 59
536	3912	BL LAC H 2156-304	1 Nov 79	HRI	21 55 57.7	-30 27 53
537	5164	CLUSTER A2283	4 Nov 79	HRI	17 44 55.0	+69 40 47
538	4362	MKN 507, CLUSTERING OF	5 Nov 79	HRI	17 47 41.8	+68 37 59
539	5201	PKS2155-304,SIMULTANEOU	5 Nov 79	IPC	21 55 59.7	-30 27 59
540	3467	MKN 704,SEYFERT AND ACT	6 Nov 79	IPC	09 15 36.0	+16 30 59
541	3265	0953+25: EXTRAGALACTIC	6 Nov 79	IPC	09 53 59.7	+25 29 33
542	4608	MKN 502: S-TYPE MARKARI	6 Nov 79	IPC	16 53 05.9	+64 11 59
543	5593	Zeta DRA	6 Nov 79	IPC	17 08 38.7	+65 45 59
544	5606	DM+68 946	6 Nov 79	IPC	17 36 41.8	+68 23 05
545	3229	RS CVN SYSTEMS: AD CAP	6 Nov 79	IPC	21 37 03.3	-16 14 02
546	5385	SURVEY OF BRIGHT QUASAR	7 Nov 79	IPC	16 13 33.4	+65 51 25
547	4000	2143-156, OPTICALLY-QU	7 Nov 79	IPC	21 43 38.6	-15 39 34
548	5401	0312-770,QSO'S WITH RAD	8 Nov 79	IPC	03 12 55.7	-77 03 00
549	5280	2126-150 QUASAR SURVEY	8 Nov 79	IPC	21 26 26.4	-15 51 50
550	2006	X-RAY STUDY OF BL LAC O	8 Nov 79	IPC	21 55 23.7	-15 15 20
551	5351	SURVEY OF BRIGHT QUASAR	10 Nov 79	IPC	16 34 51.2	+70 37 27
552	3903	0859-14, LOW-FREQUENCY	13 Nov 79	IPC	08 59 54.9	-14 03 59
553	3060	NGC 2992: NARROW EMISSI	13 Nov 79	IPC	09 43 18.0	-14 05 59
554	3208	RS CVN SYSTEMS: HR 4665	13 Nov 79	IPC	12 13 21.4	+72 49 44

#	Seq.	EINSTEIN Description	Date	Instr.	R. A.	Decl.
555	3209	RS CVN SYSTEMS: AS DRA	13 Nov 79	IPC	12 20 03.9	+73 31 21
556	5731	CLUSTERS WITH IPC: A176	13 Nov 79	IPC	13 34 12.0	+59 28 59
557	4445	9 PEG, CORRELLATION OF	13 Nov 79	IPC	21 42 08.7	+17 07 10
558	4601	MKN 180: S-TYPE MARKARI	14 Nov 79	IPC	11 33 30.0	+70 24 59
559	4443	EPSILON PEG, CORRELLATI	14 Nov 79	IPC	21 41 43.7	+09 38 40
560	4628	TWIN QSO, 0957+561A,B	16 Nov 79	HRI	09 57 57.3	+56 08 19
561	4519	PKS 0837-12 REGION	16 Nov 79	HRI	08 37 28.0	-12 03 53
562	5230	QSO 1058+72W1,RADIO WEA	20 Nov 79	IPC	10 58 20.1	+72 41 44
563	5207	BL LAC MK 421,QUASI-SIM	20 Nov 79	IPC	11 01 39.0	+38 28 42
564	6101	A 1377,DETAILED STUDY O	20 Nov 79	IPC	11 44 24.0	+56 00 59
565	5233	QSO 1221+75W1,RADIO WEA	20 Nov 79	IPC	12 21 21.3	+75 53 05
566	5259	NGC 7552,X-RAY AND OPTI	20 Nov 79	IPC	23 13 24.8	-42 51 29
567	4548	NGC 3998, ELL, SO GAL.	21 Nov 79	IPC	11 55 21.4	+55 43 56
568	5232	QSO 1157+53W2,RADIO WEA	21 Nov 79	IPC	11 57 37.3	+53 17 27
569	2613	SEYFERT GALAXY SURVEY:	21 Nov 79	IPC	12 59 00.0	+48 18 59
570	4603	MKN 252: S-TYPE MARKARI	21 Nov 79	IPC	13 18 14.4	+55 39 39
571	2658	SEYFERT GALAXY SURVEY:	21 Nov 79	IPC	13 42 47.9	+56 07 59
572	3066	NGC 7582: NARROW EMISSI	21 Nov 79	IPC	23 15 47.7	-42 37 59
573	2652	SEYFERT GALAXY SURVEY:	22 Nov 79	IPC	10 30 54.0	+60 16 59
574	4966	CYG X-6 6	24 Nov 79	IPC	21 24 59.7	+42 29 59
575	3025	A 78: PLANETARY NEBULAE	24 Nov 79	IPC	21 33 35.7	+31 27 59
576	5671	NOVA CYG 1978,X-RAYS FR	24 Nov 79	IPC	21 42 29.7	+42 01 59
577	4042	QUASAR 2230+114 (CTA 10	25 Nov 79	IPC	22 30 07.6	+11 38 22
578	523	ESO 0113-IG45 QUASAR SU	26 Nov 79	IPC	01 21 54.0	-59 03 59
579	3061	NGC 2992: NARROW EMISSI	2 Dec 79	IPC	09 43 18.0	-14 05 59
580	6023	A957,RICH CLUSTERS WITH	2 Dec 79	IPC	10 11 24.0	+00 39 59
581	4024	QUASAR P 2254+024	2 Dec 79	IPC	22 54 44.4	+02 27 11
582	3976	2201+315, BRIGHT NEARB	3 Dec 79	IPC	22 01 00.7	+31 31 59
583	5189	STAR XI UMA,CORRELATION	5 Dec 79	IPC	11 15 31.0	+31 48 08
584	5355	SURVEY OF BRIGHT QUASAR	5 Dec 79	IPC	11 15 41.4	+08 02 21
585	6699	SEYFERT SURVEY: AKN 347	5 Dec 79	IPC	12 02 00.0	+20 35 59
586	6982	NGC 4212,VIRGO CLUSTER	5 Dec 79	IPC	12 13 06.6	+14 10 47
587	6746	SEARCH FOR HIGH LX QSO'	5 Dec 79	IPC	22 52 27.2	-09 00 00
588	6079	A1142,DETAILED STUDY OF	6 Dec 79	IPC	10 58 18.0	+10 49 59
589	5339	SURVEY OF BRIGHT QUASAR	6 Dec 79	IPC	11 16 30.9	+21 35 43
590	4303	VIRGO CLUSTER FOLLOW-UP	6 Dec 79	IPC	12 13 12.0	+13 22 59
591	3468	MKN 739,SEYFERT AND ACT	8 Dec 79	IPC	11 33 48.0	+21 51 59
592	2722	MKN 421	9 Dec 79	FPC	11 01 40.6	+38 28 42
593	3930	CLASSICAL DOUBLES IN RI	9 Dec 79	IPC	13 33 10.0	+41 15 19
594	945	HZ 43: MEASURE 150-280	10 Dec 79	G5	13 14 00.0	+29 25 58
595	4967	SNR IN NGC 4449	11 Dec 79	HRI	12 25 44.7	+44 23 22
596	5759	COMA CLUSTER:	12 Dec 79	HRI	12 57 21.0	+28 14 59
597	6120	A 1314,DETAILED STUDY O	12 Dec 79	IPC	11 32 06.0	+49 19 59
598	4605	MKN 431: S-TYPE MARKARI	13 Dec 79	IPC	11 48 51.8	+35 42 32
599	7200	N4051, VARIABILITY OF T	13 Dec 79	IPC	12 00 36.0	+44 47 59
600	352	NGC 4151 SEYFERT VARIAB	13 Dec 79	IPC	12 08 00.0	+39 39 59
601	3966	1208+322, BRIGHT NEARB	13 Dec 79	IPC	12 08 05.4	+32 13 48
602	5204	GALAXY B2 1308+326,COOR	13 Dec 79	IPC	13 09 24.0	+32 27 59
603	4646	QSO 3C 446	13 Dec 79	IPC	22 23 10.9	-05 12 16
604	3211	RS CVN SYSTEMS: RS CVN	14 Dec 79	IPC	13 08 17.9	+36 12 00
605	4457	BETA COM, CORRELLATION	14 Dec 79	IPC	13 09 33.0	+28 07 51
606	3982	TON 157, BRIGHT OPTICA	14 Dec 79	IPC	13 21 00.0	+29 25 44
607	3967	1229+204, BRIGHT NEARB	14 Dec 79	IPC	12 29 48.0	+20 24 59
608	7007	NGC 4548,VIRGO CLUSTER	14 Dec 79	IPC	12 32 55.1	+14 46 23
609	5717	MEDIUM DEPTH SURVEY: BS	14 Dec 79	IPC	12 58 34.9	+34 22 58
610	4549	NGC 5318, ELL, SO GAL.	14 Dec 79	IPC	13 48 23.4	+33 57 14
611	4615	POOR ZWICKY CLUSTER: 12	15 Dec 79	IPC	12 04 00.0	+22 32 17
612	6992	NGC 4366/4370/4365,VIRG	15 Dec 79	IPC	12 21 55.8	+07 35 41
613	4056	HIGH REDSHIFT QUASAR	15 Dec 79	IPC	12 23 12.0	+22 50 59
614	1996	X-RAY STUDY OF BL LAC O	15 Dec 79	IPC	12 25 00.0	+20 35 59
615	6697	MKW 4S: CD GALAXIES IN	16 Dec 79	IPC	12 04 06.0	+28 26 59
616	2655	SEYFERT GALAXY SURVEY:	16 Dec 79	IPC	12 06 36.0	+47 19 59

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617	6976	NGC 4178,VIRGO CLUSTER	16 Dec 79	IPC	12 10 13.8	+11 08 47
618	2715	QUASAR SURVEY: ON 325	16 Dec 79	IPC	12 15 24.0	+30 23 59
619	6712	SEYFERT SURVEY: MKN 766	16 Dec 79	IPC	12 15 36.0	+30 05 59
620	6990	NGC 4351,VIRGO CLUSTER	16 Dec 79	IPC	12 21 29.4	+12 28 53
621	6984	NGC 4267,VIRGO CLUSTER	17 Dec 79	IPC	12 17 12.6	+13 04 35
622	4045	NGC 4569 NUCLEUS	18 Dec 79	IPC	12 34 18.0	+13 25 59
623	5990	Chromospherically Activ	18 Dec 79	IPC	12 58 19.0	+12 38 41
624	1984	OB 081: X-RAY STUDY OF	19 Dec 79	IPC	00 48 06.0	-09 44 59
625	7001	NGC 4450,VIRGO CLUSTER	19 Dec 79	IPC	12 25 58.2	+17 21 41
626	4314	VIRGO CLUSTER FOLLOW-UP	19 Dec 79	IPC	12 34 18.0	+13 25 59
627	4455	BETA VIR, CORRELLATION	20 Dec 79	IPC	11 48 05.0	+02 02 46
628	4052	HIGH REDSHIFT QUASAR	20 Dec 79	IPC	12 28 18.0	+07 44 59
629	4023	QUASAR 1331+170	20 Dec 79	IPC	13 31 10.0	+17 04 23
630	7575	FAIRALL 9, O8 LYMAN, 19	28 Dec 79	FPC	01 21 51.1	-59 03 57
631	6013	A85,RICH CLUSTERS WITH	30 Dec 79	HRI	00 39 19.0	-09 34 05
632	7112	NGC 1566,DETAILED STUDY	31 Dec 79	HRI	04 18 51.0	-55 03 52
633	2899	HISTORICAL SUPERNOVAE:	31 Dec 79	HRI	14 01 29.9	+54 35 59
634	6834	C1 0014+15,OBSERVATIONS	1 Jan 80	IPC	00 14 26.0	+15 50 47
635	1811	X-RAY STUDY OF CLUSTERS	1 Jan 80	IPC	00 24 00.0	+16 52 59
636	1121	2A1058-226, UNIDENTIFIE	1 Jan 80	IPC	10 58 38.4	-22 40 11
637	7300	OM-146, LOW FREQ. VAR.	1 Jan 80	IPC	11 27 36.3	-14 32 52
638	7209	N3783, VARIABILITY OF T	1 Jan 80	IPC	11 36 30.0	-37 27 59
639	5692	3C 273: STUDY OF VARIAB	1 Jan 80	IPC	12 26 33.0	+02 19 41
640	5688	3C 351: STUDY OF VARIAB	1 Jan 80	IPC	17 04 00.0	+60 47 59
641	5690	STUDY OF VARIABILITY: 3	1 Jan 80	IPC	18 45 52.7	+79 42 47
642	7508	PKS 0035+122,IDENTIFICA	2 Jan 80	IPC	00 35 41.5	+12 11 02
643	6700	SEYFERT SURVEY: I ZW 92	2 Jan 80	IPC	14 39 05.9	+53 43 59
644	6363	A 1450+43,EMISSION LINE	2 Jan 80	IPC	14 50 06.0	+43 55 59
645	7963	A1904: X-RAY STUDY OF C	3 Jan 80	HRI	14 20 18.0	+48 47 59
646	5360	SURVEY OF BRIGHT QUASAR	3 Jan 80	IPC	00 03 24.9	+15 53 02
647	7755	0016+16,RICH CLUSTERS O	5 Jan 80	HRI	00 15 58.0	+16 09 59
648	4520	CLUSTER IC3576	5 Jan 80	HRI	12 34 05.4	+06 53 46
649	6718	SEYFERT VARIABILITY: II	10 Jan 80	IPC	00 08 00.0	+10 41 59
650	6728	SEARCH FOR HIGH LX QSO'	10 Jan 80	IPC	00 17 02.1	+20 05 06
651	5123	QSO 4C29.01	10 Jan 80	IPC	00 51 02.0	+29 08 48
652	6135	A 154,DETAILED STUDY OF	10 Jan 80	IPC	01 08 18.0	+17 23 59
653	6080	A195,DETAILED STUDY OF	10 Jan 80	IPC	01 24 12.0	+18 55 59
654	4923	CATAclysmic VARIABLE ST	10 Jan 80	IPC	11 12 13.0	-37 25 53
655	2664	SEYFERT GALAXY SURVEY:	10 Jan 80	IPC	12 32 54.0	-39 37 59
656	6722	EXTENDED EMISSION FROM	10 Jan 80	IPC	13 16 48.0	-42 17 59
657	5255	NGC 5135,X-RAY AND OPTI	10 Jan 80	IPC	13 22 56.0	-29 34 17
658	2718	QUASAR SURVEY: NRAO 150	11 Jan 80	IPC	00 14 30.0	+31 51 59
659	5334	SURVEY OF BRIGHT QUASAR	11 Jan 80	IPC	00 52 11.0	+25 09 22
660	6279	A 179,COMPLETE SURVEY O	11 Jan 80	IPC	01 19 06.0	+19 13 59
661	2660	SEYFERT GALAXY SURVEY:	12 Jan 80	IPC	00 46 06.0	+31 41 59
662	2619	SEYFERT GALAXY SURVEY:	12 Jan 80	IPC	00 57 06.0	+31 32 59
663	6703	SEYFERT SURVEY: MKN 1	12 Jan 80	IPC	01 13 19.5	+32 49 32
664	5354	SURVEY OF BRIGHT QUASAR	12 Jan 80	IPC	01 17 34.1	+21 18 00
665	5412	1207-399,QSO'S WITH RAD	12 Jan 80	IPC	12 06 59.6	-39 59 30
666	7038	NGC 4636,EARLY GALAXY S	13 Jan 80	HRI	12 40 17.0	+02 57 41
667	6653	WP 23,SURVEY OF GROUPS	13 Jan 80	IPC	13 12 48.0	-16 07 59
668	6081	A195,DETAILED STUDY OF	14 Jan 80	HRI	01 24 50.0	+18 54 43
669	1772	A119: STUDY, CLUSTERS O	15 Jan 80	HRI	00 53 48.0	-01 30 59
670	587	NGC 5236 HIGH RESOLUTIO	15 Jan 80	HRI	13 34 10.2	-29 36 46
671	4983	SOFT SOURCE NEAR ALPA V	16 Jan 80	IPC	13 24 00.0	-09 59 59
672	3895	0215+015, BL-LAC OBJEC	17 Jan 80	IPC	02 15 14.1	+01 30 59
673	1880	X-RAY STUDY OF RADIO GA	17 Jan 80	IPC	02 38 36.0	-08 28 59
674	4981	SOFT SOURCE NEAR ALPHA	17 Jan 80	IPC	13 20 00.0	-10 59 59
675	4982	SOFT SOURCE NEAR ALPHA	17 Jan 80	IPC	13 24 00.0	-10 59 59
676	5394	PKS 0112-017,QSO'S WITH	18 Jan 80	IPC	01 12 44.4	-01 42 53
677	6713	SEYFERT SURVEY: MKN 841	18 Jan 80	IPC	15 01 35.9	+10 37 59
678	1928	NGC 1068: SEYFERT AND N	19 Jan 80	IPC	02 40 06.0	+00 13 59

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679	5210	BL LAC MK 501, QUASI-SIM	19 Jan 80	IPC	16 52 11.9	+39 50 05
680	4450	ALPHA BOO, CORRELLATION	20 Jan 80	IPC	14 13 23.0	+19 26 30
681	5143	QSO 1413+135	20 Jan 80	IPC	14 13 34.0	+13 34 17
682	5335	SURVEY OF BRIGHT QUASAR	22 Jan 80	IPC	01 57 16.6	+00 09 13
683	5565	Epsil. BOO	22 Jan 80	IPC	14 42 48.0	+27 16 59
684	3983	LB 9707, BRIGHT OPTICA	22 Jan 80	IPC	15 23 08.8	+21 24 35
685	6688	GROUPS OF GALAXIES: TG	22 Jan 80	IPC	15 32 00.0	+15 16 59
686	4607	MKN 495: S-TYPE MARKARI	22 Jan 80	IPC	16 02 03.5	+26 12 43
687	7828	NGC 833, COMPACT V-V GRO	23 Jan 80	IPC	02 07 00.0	-10 21 59
688	7632	1345+12, LOW FREQUENCY V	23 Jan 80	IPC	13 45 06.2	+12 32 19
689	6319	3CR 332, 3CR RADIO GAL.	23 Jan 80	IPC	16 15 47.2	+32 29 44
690	7123	H0358-360, UNIDENTIFIED	24 Jan 80	IPC	03 58 00.0	-35 59 59
691	3971	1425+267, BRIGHT NEARB	24 Jan 80	IPC	14 25 21.9	+26 45 38
692	5252	NGC 5643, X-RAY AND OPTI	24 Jan 80	IPC	14 29 28.0	-43 57 11
693	3973	1512+370, BRIGHT NEARB	24 Jan 80	IPC	15 12 46.9	+37 01 55
694	3974	1525+227, BRIGHT NEARB	24 Jan 80	IPC	15 25 46.1	+22 43 22
695	6069	ZW 1545+21, DETAILED STU	25 Jan 80	IPC	15 45 06.0	+21 03 59
696	4988	NPS BRIGHT SPOT 1	25 Jan 80	IPC	15 57 36.0	+17 26 59
697	2061	X-RAY STUDY OF QUASARS:	25 Jan 80	IPC	16 41 17.5	+39 54 10
698	2605	AWM 3: CD GALAXIES IN P	26 Jan 80	IPC	14 26 06.0	+26 03 59
699	5720	MEDIUM DEPTH SURVEY: 4C	26 Jan 80	IPC	16 23 10.0	+26 57 24
700	6638	2A 0251+413, DETAILED SU	28 Jan 80	HRI	02 51 18.0	+41 22 58
701	2095	X-RAY SURVEY OF NORMAL	28 Jan 80	HRI	03 17 30.0	-19 33 59
702	4597	CD GALAXY IN A 2199	30 Jan 80	HRI	16 26 55.2	+39 39 37
703	5758	CLUSTERS WITH HRI: A205	5 Feb 80	HRI	15 14 18.0	+07 11 59
704	4897	STAR LAMBDA VIR (HD 125	6 Feb 80	IPC	14 16 24.0	-13 08 31
705	6361	N 5674, EMISSION LINE GA	6 Feb 80	IPC	14 31 24.0	+05 39 59
706	1932	PKS 0353+027: SEYFERT A	7 Feb 80	IPC	03 53 00.0	+02 41 59
707	3906	PKS 0405-123, LOW-FREQ	8 Feb 80	IPC	04 05 27.1	-12 19 33
708	4104	H1617+05 POSITION	8 Feb 80	IPC	16 14 28.9	+06 05 53
709	1934	3C 99: SEYFERT AND N-TY	9 Feb 80	IPC	03 58 30.0	+00 16 59
710	5384	SURVEY OF BRIGHT QUASAR	9 Feb 80	IPC	15 52 19.1	+08 31 01
711	7433	HD 26676, RADIO STAR	10 Feb 80	IPC	04 10 50.0	+10 05 11
712	4521	CLUSTER A 480	10 Feb 80	IPC	04 13 26.4	+00 55 47
713	7511	PKS 0317+188, IDENTIFICA	11 Feb 80	IPC	03 17 00.4	+18 50 44
714	2683	3C 98.0: BRIGHT X-GALAC	11 Feb 80	IPC	03 56 10.0	+10 17 31
715	7478	OR 109, EMISSION FROM HI	11 Feb 80	IPC	15 05 07.0	+10 54 59
716	2053	X-RAY STUDY OF QUASARS:	11 Feb 80	IPC	15 10 06.0	-08 54 59
717	5694	3C 345: STUDY OF VARIAB	12 Feb 80	IPC	16 41 17.9	+39 54 10
718	3970	1355-416, BRIGHT NEARB	13 Feb 80	IPC	13 55 57.3	-41 38 18
719	2661	SEYFERT GALAXY SURVEY:	14 Feb 80	IPC	02 46 30.0	+19 04 59
720	4985	CEN BRIGHT PATCH 2	14 Feb 80	IPC	14 00 23.9	-43 41 59
721	4984	CEN BRIGHT PATCH 1	16 Feb 80	IPC	13 56 24.0	-42 53 59
722	5983	Chromospherically Inact	17 Feb 80	IPC	03 43 37.0	+41 17 11
723	287	NGC 1275 6 SEC. RESOLUTI	19 Feb 80	HRI	03 16 30.0	+41 19 59
724	5568	HD 131977	19 Feb 80	HRI	14 54 32.0	-21 11 29
725	6698	AWM 7: CD GALAXIES IN P	20 Feb 80	IPC	02 51 18.0	+41 22 59
726	3285	CANDIDATE X-RAY BINARY	20 Feb 80	IPC	15 07 48.0	-44 19 47
727	8015	PERSEUS, 08 LYMAN ALPHA	25 Feb 80	FPC	03 16 30.0	+41 19 53
728	6626	DELTA ORI, SPECTRA OF ST	27 Feb 80	G5	05 29 27.0	+00 23 59
729	5350	SURVEY OF BRIGHT QUASAR	3 Mar 80	IPC	16 17 56.2	+17 31 32
730	5100	DELTA ORI A, VARIABILITY	5 Mar 80	IPC	05 29 28.0	+00 20 03
731	7726	PKS 0548-322, BL LAC OBJ	5 Mar 80	IPC	05 48 50.0	-32 16 55
732	484	3CR 334 (QSO 1618+177)	5 Mar 80	IPC	16 18 07.3	+17 43 29
733	5689	3C 371	5 Mar 80	IPC	18 07 17.6	+69 49 11
734	6311	3CR 98, 3CR RADIO GAL.	6 Mar 80	IPC	03 56 10.2	+10 17 31
735	6679	DEEP SURVEY 2	6 Mar 80	IPC	16 23 10.0	+26 57 23
736	5101	DELTA ORI A, VARIABILITY	7 Mar 80	IPC	05 29 28.0	+00 20 03
737	7152	H1846-786, UNIDENTIFIED	7 Mar 80	IPC	18 46 23.7	-78 41 59
738	1990	X-RAY STUDY OF BL LAC O	8 Mar 80	IPC	04 22 00.0	+00 28 59
739	2018	NRAO 190: STUDY, QUASAR	8 Mar 80	IPC	04 40 00.0	+00 22 59
740	4528	CLUSTER A 2178	8 Mar 80	IPC	16 21 05.8	+24 44 59

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741	4527	CLUSTER A 2177	9 Mar 80	IPC	16 20 28.8	+25 55 11
742	5425	1635+119, LONG OBS. OF H	10 Mar 80	IPC	16 35 26.1	+11 55 40
743	6809	OB RUNAWAYS: 72 COL	11 Mar 80	IPC	06 02 30.0	-32 09 59
744	6704	SEYFERT SURVEY: MKN 3	11 Mar 80	IPC	06 09 48.1	+71 02 59
745	6328	3CR 346, 3CR RADIO GAL.	11 Mar 80	IPC	16 41 34.6	+17 21 18
746	7150	H1834-653, UNIDENTIFIED	11 Mar 80	IPC	18 34 43.0	-65 20 59
747	5932	RADIO PULSAR PROJECT:	11 Mar 80	IPC	06 56 28.0	+64 17 59
748	4937	EG239: CORONAL EMISSION	11 Mar 80	IPC	16 45 24.9	+32 33 41
749	5933	RADIO PULSAR PROJECT:	12 Mar 80	IPC	08 09 03.0	+74 38 11
750	3312	SYMBIOTIC STARS: HEN 12	13 Mar 80	IPC	16 40 00.2	-62 31 39
751	6373	N 6300, EMISSION LINE GA	13 Mar 80	IPC	17 12 17.8	-62 45 47
752	7666	H1703+49, POSITION 1	14 Mar 80	IPC	17 01 41.8	+49 09 57
753	7667	H1703+49, POSITION 2	15 Mar 80	IPC	17 06 15.6	+48 55 58
754	7885	H 1703+49, SINGLE-LINE S	15 Mar 80	IPC	17 10 46.9	+48 41 16
755	7886	H 1703+49, SINGLE-LINE S	15 Mar 80	IPC	17 15 15.3	+48 25 58
756	8052	PKS 0548-32, O8 LYMAN A	19 Mar 80	FPC	05 48 50.0	-32 16 55
757	6958	ALPHA AUR, STELLAR X-RAY	19 Mar 80	HRI	05 12 59.5	+45 56 57
758	8049	CAPELLA, FE 17, 15.10 A	20 Mar 80	FPC	05 12 59.6	+45 56 45
759	8050	CAPELLA, O8 LYMAN ALPHA	21 Mar 80	FPC	05 12 59.6	+45 56 45
760	7326	U CEP, ALGOL-LIKE SYSTE	22 Mar 80	IPC	00 57 40.0	+81 36 26
761	5102	DELTA ORI A, VARIABILITY	25 Mar 80	IPC	05 29 28.0	+00 20 03
762	3892	1921-293, BL-LAC OBJEC	25 Mar 80	IPC	19 21 41.9	-29 20 25
763	5695	STUDY OF VARIABILITY: 0	2 Apr 80	IPC	07 35 14.0	+17 49 08
764	5716	3C 351: MEDIUM DEPTH SU	2 Apr 80	IPC	17 03 00.0	+60 59 34
765	5193	STAR CHI DRA, CORRELATIO	7 Apr 80	IPC	18 21 03.7	+72 42 29
766	7589	1928+73, RADIO SOURCES W	7 Apr 80	IPC	19 28 49.0	+73 51 44
767	6322	3CR 192, 3CR RADIO GAL.	8 Apr 80	IPC	08 02 35.5	+24 18 27
768	3893	1921-293, BL-LAC OBJEC	8 Apr 80	IPC	19 21 41.9	-29 20 25
769	7499	PKS 0537-441, TEMPORAL S	8 Apr 80	IPC	05 37 20.8	-44 06 47
770	7887	H 1731+685, SINGLE-LINE	8 Apr 80	IPC	17 42 28.6	+69 41 59
771	7192	1642+69, HIGH FREQUENCY	9 Apr 80	IPC	16 42 13.0	+69 01 59
772	7889	H 1731+685, SINGLE-LINE	9 Apr 80	IPC	17 29 35.8	+68 05 59
773	7888	H 1731+685, SINGLE-LINE	9 Apr 80	IPC	17 36 00.0	+68 59 59
774	7174	1739+522, BURSTING RADI	9 Apr 80	IPC	17 39 28.8	+52 13 09
775	7884	H 1703+49, SINGLE-LINE S	10 Apr 80	IPC	17 02 43.1	+49 11 59
776	7829	A 330, COMPACT V-V GROUP	13 Apr 80	IPC	16 47 54.0	+53 28 59
777	1994	X-RAY STUDY OF BL LAC O	16 Apr 80	IPC	08 51 48.0	+20 13 59
778	7731	OJ 049, FAINT BL LAC OBJ	17 Apr 80	IPC	08 29 11.0	+04 39 50
779	7113	MISPOINTED, INTENDED TA	20 Apr 80	HRI	02 41 24.0	+00 07 59
780	909	VV PUP STELLAR OBSERVAT	22 Apr 80	IPC	08 12 52.5	-18 53 58
781	4414	STELLAR SURVEY: HD 8823	22 Apr 80	IPC	10 08 19.0	+49 42 28
782	2611	SEYFERT GALAXY SURVEY:	22 Apr 80	IPC	10 18 48.0	+51 55 59
783	5421	3CR263, LONG OBS. OF HIG	22 Apr 80	IPC	11 37 09.3	+66 04 26
784	5424	MKN 205, LONG OBS. OF HI	22 Apr 80	IPC	12 19 30.0	+75 34 59
785	6871	A1576, CLUSTER LUMINOSIT	22 Apr 80	IPC	12 34 36.0	+63 28 59
786	7206	IC 4870, VARIABILITY OF	22 Apr 80	IPC	19 32 47.8	-65 55 29
787	7400	GD 298, SUBDWARF STAR	22 Apr 80	IPC	09 27 27.0	+48 29 41
788	6874	A1614, CLUSTER LUMINOSIT	22 Apr 80	IPC	12 44 18.0	+69 57 59
789	6869	A1557, CLUSTER LUMINOSIT	23 Apr 80	IPC	12 30 24.0	+63 06 59
790	7771	VV 243, KNOTS IN IRREGUL	24 Apr 80	IPC	08 50 46.3	+35 20 26
791	5509	+53 1320	28 Apr 80	HRI	09 10 59.0	+52 54 05
792	3368	W UMA STARS: W UMA	2 May 80	IPC	09 40 15.0	+56 10 55
793	2020	PKS 0736+017: STUDY, QU	3 May 80	IPC	07 36 42.5	+01 43 59
794	3904	0859-14, LOW-FREQUENCY	5 May 80	IPC	08 59 54.9	-14 03 59
795	1971	II ZW 136: SEYFERT AND	5 May 80	IPC	21 29 59.9	+09 55 59
796	6948	VV 1-7, X-RAY FLUX FROM	6 May 80	IPC	07 39 00.0	-18 51 59
797	5308	SEARCH FOR YOUNG GALACT	6 May 80	IPC	07 19 57.4	-18 42 11
798	5130	QSO PKS2145+067	6 May 80	IPC	21 45 35.8	+06 43 40
799	6708	SEYFERT SURVEY: MKN 705	9 May 80	IPC	09 23 12.0	+12 56 59
800	5367	SURVEY OF BRIGHT QUASAR	9 May 80	IPC	10 08 30.0	+13 19 06
801	8437	SURVEY OF BRIGHT (PG) Q	9 May 80	IPC	21 12 23.4	+05 55 11
802	5365	SURVEY OF BRIGHT QUASAR	10 May 80	IPC	09 23 05.6	+20 07 05

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803	6045	A2420,RICH CLUSTERS WIT	10 May 80	IPC	22 07 41.7	-12 25 59
804	7793	A992/A991,CLUSTERS OF G	11 May 80	IPC	10 19 35.0	+19 48 35
805	8413	PKS 2128-123, OPTICALLY	11 May 80	IPC	21 28 52.8	-12 20 19
806	5426	PHL 1657,LONG OBS. OF H	11 May 80	IPC	21 35 00.8	-14 46 26
807	8320	IDENTIFICATION OF MEDIU	14 May 80	HRI	09 04 00.0	+17 00 29
808	6021	A734,RICH CLUSTERS WITH	14 May 80	IPC	08 57 48.0	+16 27 59
809	5208	BL LAC MK 421,QUASI-SIM	14 May 80	IPC	11 01 39.0	+38 28 42
810	913	AD LEO (GLS388) STELLAR	15 May 80	IPC	10 16 55.5	+20 07 17
811	1946	NGC 3227: SEYFERT AND N	16 May 80	IPC	10 20 48.0	+20 06 59
812	7720	223,COMPLETE SAMPLE OF	17 May 80	IPC	09 36 50.9	+36 07 34
813	5202	PKS2155-304,SIMULTANEOU	17 May 80	IPC	21 55 59.7	-30 27 59
814	6714	SEYFERT SURVEY: NGC 721	17 May 80	IPC	22 06 11.7	-47 24 59
815	6208	2224-3046,SURVEY OF SOU	17 May 80	IPC	22 25 05.8	-30 49 58
816	3067	NGC 7582: NARROW EMISSI	17 May 80	IPC	23 15 47.7	-42 37 59
817	6348	A 1137+28,EMISSION LINE	19 May 80	IPC	11 37 48.0	+28 39 59
818	7582	NGC 7552,NARROW LINE GA	19 May 80	IPC	23 13 24.8	-42 38 41
819	8928	MKN 421, O8 LYMAN BETA,	19 May 80	FPC	11 01 40.6	+38 28 42
820	6748	NEIGHBORS OF MR2251-178	20 May 80	HRI	22 51 25.6	-17 50 53
821	6395	NGC 4151,SEYFERTS WITH	21 May 80	HRI	12 08 00.4	+39 41 01
822	8326	IDENTIFICATION OF MEDIU	21 May 80	HRI	17 51 02.7	+70 46 15
823	8319	IDENTIFICATION OF MEDIU	21 May 80	HRI	19 10 31.6	+67 36 38
824	8327	IDENTIFICATION OF MEDIU	21 May 80	HRI	22 04 03.6	-40 58 49
825	6720	OGS SPECTRUM OF BL LAC	22 May 80	G10	21 55 57.7	-30 37 53
826	7708	L97-12,NEARBY STARS	23 May 80	IPC	07 52 16.0	-67 38 43
827	4944	SELECTED SINGLE STARS:	23 May 80	IPC	09 45 18.0	+13 30 35
828	6269	A 2312,COMPLETE SURVEY	23 May 80	IPC	18 53 47.8	+68 17 59
829	8441	A 2317, CD GALAXIES IN	24 May 80	IPC	19 08 29.7	+68 58 59
830	5527	DM+56 1458	25 May 80	IPC	10 27 14.0	+56 14 59
831	6371	N 3353,EMISSION LINE GA	25 May 80	IPC	10 42 17.0	+56 13 35
832	8904	GSFC NEP SURVEY - FIEL	27 May 80	IPC	17 21 25.4	+67 53 53
833	8876	GSFC NEP SURVEY - FIEL	27 May 80	IPC	17 25 31.3	+67 11 59
834	8837	GSFC NEP SURVEY - FIEL	27 May 80	IPC	17 26 10.3	+65 24 52
835	8878	GSFC NEP SURVEY - FIEL	27 May 80	IPC	17 28 52.7	+68 17 36
836	8598	GSFC NEP SURVEY - FIEL	27 May 80	IPC	17 30 45.0	+68 49 22
837	8880	GSFC NEP SURVEY - FIEL	27 May 80	IPC	17 32 40.0	+69 22 07
838	8845	GSFC NEP SURVEY - FIEL	27 May 80	IPC	17 34 18.7	+69 53 03
839	8600	GSFC NEP SURVEY - FIEL	27 May 80	IPC	17 40 25.3	+67 55 55
840	8796	GSFC NEP SURVEY - FIEL	27 May 80	IPC	17 44 35.9	+64 09 23
841	8751	GSFC NEP SURVEY - FIEL	27 May 80	IPC	17 46 31.3	+64 40 45
842	8834	GSFC NEP SURVEY - FIEL	27 May 80	IPC	17 49 28.5	+63 56 54
843	8810	GSFC NEP SURVEY - FIEL	27 May 80	IPC	17 50 38.8	+68 47 32
844	8831	GSFC NEP SURVEY - FIEL	27 May 80	IPC	17 51 25.6	+64 28 39
845	8882	GSFC NEP SURVEY - FIEL	27 May 80	IPC	17 55 27.8	+69 49 45
846	8794	GSFC NEP SURVEY - FIEL	27 May 80	IPC	17 56 10.0	+64 15 21
847	8809	GSFC NEP SURVEY - FIEL	27 May 80	IPC	17 58 50.8	+69 05 06
848	8848	GSFC NEP SURVEY - FIEL	27 May 80	IPC	18 01 34.9	+69 35 33
849	8779	GSFC NEP SURVEY - FIEL	27 May 80	IPC	18 01 55.8	+68 20 19
850	8595	GSFC NEP SURVEY - FIEL	27 May 80	IPC	18 02 01.6	+68 23 50
851	8766	GSFC NEP SURVEY - FIEL	27 May 80	IPC	18 03 09.2	+64 32 29
852	8765	GSFC NEP SURVEY - FIEL	27 May 80	IPC	18 07 54.8	+64 18 07
853	8746	GSFC NEP SURVEY - FIEL	27 May 80	IPC	18 10 13.4	+64 48 20
854	8790	GSFC NEP SURVEY - FIEL	27 May 80	IPC	18 12 31.1	+64 02 45
855	8789	GSFC NEP SURVEY - FIEL	27 May 80	IPC	18 14 55.6	+64 33 04
856	8822	GSFC NEP SURVEY - FIEL	27 May 80	IPC	18 19 41.9	+64 15 22
857	8874	GSFC NEP SURVEY - FIEL	28 May 80	IPC	17 22 25.4	+66 06 56
858	8905	GSFC NEP SURVEY - FIEL	28 May 80	IPC	17 23 02.0	+68 26 52
859	8881	GSFC NEP SURVEY - FIEL	28 May 80	IPC	17 25 05.5	+68 58 43
860	8840	GSFC NEP SURVEY - FIEL	28 May 80	IPC	17 32 52.8	+67 34 36
861	8833	GSFC NEP SURVEY - FIEL	28 May 80	IPC	17 33 08.3	+63 59 48
862	8841	GSFC NEP SURVEY - FIEL	28 May 80	IPC	17 34 44.5	+68 06 47
863	8844	GSFC NEP SURVEY - FIEL	28 May 80	IPC	17 36 45.3	+68 39 23
864	8832	GSFC NEP SURVEY - FIEL	28 May 80	IPC	17 38 05.9	+63 46 56

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865	8805	GSFC NEP SURVEY - FIEL	28 May 80	IPC	17 42 33.1	+68 27 59
866	8807	GSFC NEP SURVEY - FIEL	28 May 80	IPC	17 44 43.6	+68 59 30
867	8755	GSFC NEP SURVEY - FIEL	28 May 80	IPC	17 53 53.2	+68 03 01
868	8847	GSFC NEP SURVEY - FIEL	28 May 80	IPC	17 56 29.9	+68 34 20
869	8767	GSFC NEP SURVEY - FIEL	28 May 80	IPC	17 58 19.7	+64 46 29
870	8778	GSFC NEP SURVEY - FIEL	28 May 80	IPC	17 59 23.9	+67 49 43
871	775	EMPTY FIELD IN DRACO (M	28 May 80	IPC	18 05 39.8	+63 47 14
872	8861	GSFC NEP SURVEY - FIEL	28 May 80	IPC	18 24 04.9	+64 00 11
873	8784	GSFC NEP SURVEY - FIEL	28 May 80	IPC	18 31 21.9	+67 30 31
874	8783	GSFC NEP SURVEY - FIEL	28 May 80	IPC	18 32 44.5	+67 30 51
875	8571	GSFC NEP SURVEY - FIEL	28 May 80	IPC	18 35 36.9	+67 10 29
876	8891	GSFC NEP SURVEY - FIEL	28 May 80	IPC	18 38 07.3	+68 30 27
877	8890	GSFC NEP SURVEY - FIEL	28 May 80	IPC	18 39 33.0	+67 40 48
878	8879	GSFC NEP SURVEY - FIEL	29 May 80	IPC	17 27 07.1	+67 45 16
879	8855	GSFC NEP SURVEY - FIEL	29 May 80	IPC	17 34 42.9	+64 31 54
880	8803	GSFC NEP SURVEY - FIEL	29 May 80	IPC	17 38 28.0	+67 23 59
881	8853	GSFC NEP SURVEY - FIEL	29 May 80	IPC	17 39 45.0	+64 20 31
882	774	GSFC NEP SURVEY - NEW F	29 May 80	IPC	17 41 07.0	+69 54 02
883	8851	GSFC NEP SURVEY - FIEL	29 May 80	IPC	17 43 10.0	+70 15 43
884	8804	GSFC NEP SURVEY - FIEL	29 May 80	IPC	17 44 03.3	+67 13 10
885	8806	GSFC NEP SURVEY - FIEL	29 May 80	IPC	17 46 04.9	+67 43 59
886	8777	GSFC NEP SURVEY - FIEL	29 May 80	IPC	17 48 16.9	+68 16 13
887	8846	GSFC NEP SURVEY - FIEL	29 May 80	IPC	17 49 21.7	+70 03 25
888	8570	GSFC NEP SURVEY - FIEL	29 May 80	IPC	18 04 27.8	+68 51 08
889	8849	GSFC NEP SURVEY - FIEL	29 May 80	IPC	18 07 16.7	+69 21 45
890	8885	GSFC NEP SURVEY - FIEL	29 May 80	IPC	18 10 09.7	+68 36 18
891	8850	GSFC NEP SURVEY - FIEL	29 May 80	IPC	18 13 00.9	+69 06 25
892	8886	GSFC NEP SURVEY - FIEL	29 May 80	IPC	18 15 56.7	+69 36 44
893	8669	GSFC NEP SURVEY - FIEL	29 May 80	IPC	18 24 50.3	+69 49 51
894	8591	GSFC NEP SURVEY - FIEL	29 May 80	IPC	18 25 14.1	+69 51 46
895	8910	GSFC NEP SURVEY - FIEL	29 May 80	IPC	18 30 21.7	+69 34 13
896	5934	RADIO PULSAR PROJECT:	30 May 80	IPC	09 50 30.0	+07 59 59
897	8860	GSFC NEP SURVEY - FIEL	30 May 80	IPC	17 28 03.5	+64 09 44
898	8663	GSFC NEP SURVEY - FIEL	30 May 80	IPC	17 29 01.6	+64 37 50
899	8813	GSFC NEP SURVEY - FIEL	30 May 80	IPC	17 46 58.5	+69 31 16
900	8883	GSFC NEP SURVEY - FIEL	30 May 80	IPC	17 50 55.6	+70 41 17
901	8884	GSFC NEP SURVEY - FIEL	30 May 80	IPC	17 58 06.6	+70 21 08
902	8662	GSFC NEP SURVEY - FIEL	30 May 80	IPC	18 04 08.8	+70 07 40
903	8780	GSFC NEP SURVEY - FIEL	30 May 80	IPC	18 04 50.5	+67 35 16
904	8661	GSFC NEP SURVEY - FIEL	30 May 80	IPC	18 10 10.5	+69 52 16
905	8593	GSFC NEP SURVEY - FIEL	30 May 80	IPC	18 10 18.4	+67 17 57
906	8811	GSFC NEP SURVEY - FIEL	30 May 80	IPC	18 12 54.3	+67 50 56
907	8648	GSFC NEP SURVEY - FIEL	30 May 80	IPC	18 15 38.1	+68 21 01
908	8657	GSFC NEP SURVEY - FIEL	30 May 80	IPC	18 18 12.1	+67 34 40
909	8654	GSFC NEP SURVEY - FIEL	30 May 80	IPC	18 19 22.9	+68 54 02
910	8653	GSFC NEP SURVEY - FIEL	30 May 80	IPC	18 21 03.9	+68 04 50
911	8887	GSFC NEP SURVEY - FIEL	30 May 80	IPC	18 21 40.7	+69 20 29
912	8667	GSFC NEP SURVEY - FIEL	30 May 80	IPC	18 22 06.4	+64 45 18
913	8592	GSFC NEP SURVEY - FIEL	30 May 80	IPC	18 23 26.3	+67 18 43
914	8909	GSFC NEP SURVEY - FIEL	30 May 80	IPC	18 24 02.5	+68 34 04
915	8656	GSFC NEP SURVEY - FIEL	30 May 80	IPC	18 26 17.9	+67 48 04
916	8867	GSFC NEP SURVEY - FIEL	30 May 80	IPC	18 26 41.2	+64 29 42
917	8650	GSFC NEP SURVEY - FIEL	30 May 80	IPC	18 29 23.6	+68 16 59
918	8871	GSFC NEP SURVEY - FIEL	30 May 80	IPC	18 31 10.9	+64 12 31
919	8647	GSFC NEP SURVEY - FIEL	30 May 80	IPC	18 33 55.6	+64 41 36
920	8892	GSFC NEP SURVEY - FIEL	30 May 80	IPC	18 35 50.6	+68 01 20
921	8903	GSFC NEP SURVEY - FIEL	31 May 80	IPC	17 19 52.0	+67 20 10
922	8660	GSFC NEP SURVEY - FIEL	31 May 80	IPC	17 22 55.4	+68 26 50
923	8907	GSFC NEP SURVEY - FIEL	31 May 80	IPC	17 32 56.1	+67 34 20
924	8812	GSFC NEP SURVEY - FIEL	31 May 80	IPC	17 40 22.2	+67 55 54
925	8852	GSFC NEP SURVEY - FIEL	31 May 80	IPC	17 43 10.0	+70 17 49
926	8888	GSFC NEP SURVEY - FIEL	31 May 80	IPC	17 51 18.4	+70 38 15

#	Seq.	EINSTEIN Description	Date	Instr.	R. A.	Decl.
927	8835	GSFC NEP SURVEY - FIEL	31 May 80	IPC	17 51 19.4	+64 28 30
928	8666	GSFC NEP SURVEY - FIEL	31 May 80	IPC	17 51 38.8	+67 31 48
929	8757	GSFC NEP SURVEY - FIEL	31 May 80	IPC	17 53 54.6	+68 03 10
930	8793	GSFC NEP SURVEY - FIEL	31 May 80	IPC	18 00 58.7	+64 01 38
931	8655	GSFC NEP SURVEY - FIEL	31 May 80	IPC	18 21 37.8	+69 20 33
932	8658	GSFC NEP SURVEY - FIEL	31 May 80	IPC	18 23 22.4	+67 18 27
933	8649	GSFC NEP SURVEY - FIEL	31 May 80	IPC	18 27 08.9	+69 06 29
934	8652	GSFC NEP SURVEY - FIEL	31 May 80	IPC	18 30 31.8	+69 32 48
935	8872	GSFC NEP SURVEY - FIEL	31 May 80	IPC	18 31 11.2	+64 12 33
936	8651	GSFC NEP SURVEY - FIEL	31 May 80	IPC	18 32 30.9	+68 46 15
937	8893	GSFC NEP SURVEY - FIEL	31 May 80	IPC	18 34 28.7	+67 59 19
938	8691	PG 1034+00, VERY HOT WH	2 Jun 80	IPC	10 34 30.0	+00 07 14
939	8672	SEARCH FOR X-RAY HALO I	2 Jun 80	IPC	17 12 59.8	+64 39 59
940	7700	ABELL 999,CLUSTERS OF G	2 Jun 80	IPC	10 20 42.0	+13 06 59
941	8351	A2220, CLUSTERS OF GALA	2 Jun 80	IPC	16 38 24.9	+53 52 29
942	7636	NGC 5474,DWARF GAL OF M	4 Jun 80	IPC	14 03 18.0	+53 54 05
943	8440	A 1918, CD GALAXIES IN	4 Jun 80	IPC	14 23 54.0	+63 22 59
944	5199	STAR ETA PEG,CORRELATIO	5 Jun 80	HRI	22 40 39.1	+29 57 32
945	6726	MONITOR SEYFERT/QSO : F	5 Jun 80	IPC	01 21 30.0	-59 03 59
946	6376	NGC 2992,SEYFERT VARIAB	6 Jun 80	IPC	09 43 17.6	-14 05 43
947	1874	X-RAY STUDY OF CLUSTERS	6 Jun 80	IPC	23 10 59.7	-42 54 59
948	6218	2316-4216,SURVEY OF SOU	6 Jun 80	IPC	23 16 11.6	-42 16 00
949	7607	39 HYA,SELECTED LATE-TY	7 Jun 80	IPC	09 49 04.3	-14 06 39
950	479	3CR 277.1 (QSO 1250+568	7 Jun 80	IPC	12 50 15.2	+56 50 36
951	492	3CR 454.3 (QSO 2251+158	7 Jun 80	IPC	22 51 29.7	+15 52 54
952	3908	3CR 454.3, LOW-FREQUEN	7 Jun 80	IPC	22 51 29.7	+15 52 54
953	6385	NGC 7582,SEYFERT VARIAB	7 Jun 80	IPC	23 17 11.7	-42 19 59
954	5693	STUDY OF VARIABILITY: B	10 Jun 80	IPC	22 00 38.7	+42 02 07
955	4002	QUASAR Q 1101-264	11 Jun 80	IPC	11 01 00.0	-26 28 39
956	7034	NGC 3585,EARLY GALAXY S	11 Jun 80	IPC	11 10 50.0	-26 26 47
957	4221	CYG OB ASSOCIATION FOLL	11 Jun 80	IPC	20 31 30.8	+41 05 23
958	8022	3C446,SIMULTANEOUS OPTI	11 Jun 80	IPC	22 23 10.8	-05 12 17
959	7054	NGC 4038/9,LATE GALAXY	16 Jun 80	IPC	11 59 20.0	-18 35 41
960	7597	KRON-KOO,CLUSTER HUBBLE	16 Jun 80	IPC	00 14 00.0	+15 44 59
961	5251	NGC 3081,X-RAY AND OPTI	16 Jun 80	IPC	09 57 11.0	-22 35 05
962	5407	1011-282,QSO'S WITH RAD	16 Jun 80	IPC	10 11 12.2	-28 16 31
963	7182	4C 31.63, BURSTING RADII	16 Jun 80	IPC	22 01 00.9	+31 31 11
964	8438	SURVEY OF BRIGHT (PG) Q	16 Jun 80	IPC	22 09 29.9	+18 27 00
965	7362	GT PEG,DM , DK STARS:CO	16 Jun 80	IPC	22 49 29.7	+31 28 59
966	7363	GT PEG,DM , DK STARS:CO	16 Jun 80	IPC	22 49 29.7	+31 28 59
967	7364	GT PEG,DM , DK STARS:CO	16 Jun 80	IPC	22 49 29.7	+31 28 59
968	2073	X-RAY STUDY OF QUASARS:	16 Jun 80	IPC	22 50 59.7	+11 20 59
969	5987	Chromospherically Inact	16 Jun 80	IPC	22 54 09.8	+16 17 23
970	8452	OPTICALLY SELECTED QSO'	17 Jun 80	IPC	00 19 54.0	+01 07 41
971	5362	SURVEY OF BRIGHT QUASAR	20 Jun 80	IPC	00 44 31.2	+03 03 34
972	1771	A119: STUDY, CLUSTERS O	20 Jun 80	IPC	00 53 48.0	-01 30 59
973	8456	OPTICALLY SELECTED QSO'	20 Jun 80	IPC	00 55 50.0	+00 25 23
974	6717	SEYFERT SURVEY: NGC 459	20 Jun 80	IPC	12 38 18.0	-05 11 59
975	1977	NGC 7469: SEYFERT AND N	20 Jun 80	IPC	23 00 44.2	+08 36 30
976	6747	SEARCH FOR HIGH LX QSO'	20 Jun 80	IPC	23 30 24.8	+08 21 35
977	5744	CLUSTERS WITH IPC: A266	20 Jun 80	IPC	23 48 17.7	+08 51 59
978	8453	OPTICALLY SELECTED QSO'	21 Jun 80	IPC	00 13 28.0	+00 28 41
979	8454	OPTICALLY SELECTED QSO'	21 Jun 80	IPC	00 49 28.0	+00 45 35
980	7729	OY 091,BL LAC OBJECTS W	21 Jun 80	IPC	22 54 45.8	+07 27 09
981	6719	SEYFERT VARIABILITY: NG	21 Jun 80	IPC	23 16 23.7	+00 00 59
982	5114	QSO 0019+011(UM232)	22 Jun 80	IPC	00 19 54.0	+01 07 41
983	1915	A2638=M23-12: X-RAY STU	22 Jun 80	IPC	23 37 53.7	-11 58 59
984	2898	HISTORICAL SUPERNOVAE:	24 Jun 80	HRI	12 33 54.0	+11 42 59
985	7881	A 1795,CD GALAXIES IN R	25 Jun 80	HRI	13 46 42.0	+26 49 59
986	6711	SEYFERT SURVEY: NGC 423	26 Jun 80	IPC	12 14 36.0	+07 27 59
987	7011	NGC 4571,VIRGO CLUSTER	26 Jun 80	IPC	12 34 25.2	+14 29 35
988	6977	NGC 4178,VIRGO CLUSTER	27 Jun 80	IPC	12 10 13.8	+11 08 47



#	Seq.	EINSTEIN Description	Date	Instr.	R. A.	Decl.
989	4306	VIRGO CLUSTER FOLLOW-UP	27 Jun 80	IPC	12 16 18.0	+14 41 59
990	6993	NGC 4366/4370/4365,VIRG	28 Jun 80	IPC	12 21 55.6	+07 35 41
991	4304	VIRGO CLUSTER FOLLOW-UP	28 Jun 80	IPC	12 29 24.0	+14 41 59
992	7022	NGC 4698,VIRGO CLUSTER	28 Jun 80	IPC	12 45 51.6	+08 45 35
993	7036	NGC 4251,EARLY GALAXY S	29 Jun 80	IPC	12 15 36.0	+28 27 10
994	7023	NGC 4698,VIRGO CLUSTER	29 Jun 80	IPC	12 45 51.6	+08 45 35
995	5128	QSO BSO 11	30 Jun 80	IPC	13 11 21.9	+36 16 29
996	6397	NGC 5548,SEYFERTS WITH	30 Jun 80	HRI	14 15 43.7	+25 21 58
997	8315	IDENTIFICATION OF MEDIU	1 Jul 80	HRI	14 15 20.0	+25 13 29
998	2663	SEYFERT GALAXY SURVEY:	1 Jul 80	IPC	01 09 00.0	-38 17 59
999	2035	X-RAY STUDY OF QUASARS:	1 Jul 80	IPC	12 19 01.1	+28 30 35
1000	5390	SURVEY OF DEEP BRACCESI	1 Jul 80	IPC	12 54 16.9	+35 53 59
1001	5205	GALAXY B2 1308+326,COOR	1 Jul 80	IPC	13 09 24.0	+32 27 59
1002	5157	GAMMA RAY BURST SOURCE	2 Jul 80	IPC	01 16 26.0	-28 53 59
1003	5392	SURVEY OF DEEP BRACCESI	2 Jul 80	IPC	13 01 11.7	+35 53 59
1004	491	3CR 286 (QSO 1328+307)	2 Jul 80	IPC	13 28 50.7	+30 45 58
1005	5391	SURVEY OF DEEP BRACCESI	3 Jul 80	IPC	12 57 44.3	+35 53 59
1006	2608	SEYFERT GALAXY SURVEY:	5 Jul 80	IPC	13 04 41.9	+34 39 59
1007	9455	HZ 43, LOW E TEST, 47.0	6 Jul 80	FPC	13 14 00.3	+29 21 46
1008	9454	COMA, FE/NE, 997 EV (Z=	8 Jul 80	FPC	12 57 30.0	+28 14 30
1009	9456	VIRGO/M87, FE 17(15 ANG	9 Jul 80	FPC	12 28 24.0	+12 39 17
1010	7590	N 4438,NEW SEYFERT 1 GA	10 Jul 80	IPC	12 25 13.5	+13 17 10
1011	7819	PG 1413+01,X-RAY EMITTI	10 Jul 80	IPC	14 13 04.0	+01 30 59
1012	9457	VIRGO/M87 O8 LY BETA, 1	11 Jul 80	FPC	12 28 24.0	+12 39 17
1013	8323	IDENTIFICATION OF MEDIU	12 Jul 80	HRI	01 44 11.3	+00 56 18
1014	2132	X-RAY SURVEY OF NORMAL	12 Jul 80	HRI	12 41 05.9	+11 49 59
1015	7922	HD 16141,CORONAL ACTIVI	13 Jul 80	IPC	02 32 49.4	-03 46 19
1016	7579	IC 3576,NARROW LINE GAL	13 Jul 80	IPC	12 34 05.0	+06 53 47
1017	4145	H1423+01 POSITION	13 Jul 80	IPC	14 21 09.6	+01 31 11
1018	7608	EMPTY FIELD IN VIRGO (M	13 Jul 80	IPC	14 25 37.3	+02 00 17
1019	4143	H1423+01 POSITION	13 Jul 80	IPC	14 26 26.4	+01 03 35
1020	6643	NGC 128,SURVEY OF GROUP	14 Jul 80	IPC	00 26 40.8	+02 35 19
1021	6083	A168,DETAILED STUDY OF	14 Jul 80	IPC	01 12 36.0	-00 01 59
1022	8462	OPTICALLY SELECTED QSO'	14 Jul 80	IPC	02 07 17.0	+00 19 05
1023	8459	OPTICALLY SELECTED QSO'	14 Jul 80	IPC	01 15 54.0	-01 08 11
1024	8433	SURVEY OF BRIGHT (PG) Q	14 Jul 80	IPC	12 44 01.9	+02 38 34
1025	7818	PG 1413+01,X-RAY EMITTI	14 Jul 80	IPC	14 13 04.0	+01 30 59
1026	6084	A194,DETAILED STUDY OF	15 Jul 80	IPC	01 23 00.0	-01 45 59
1027	7894	DELTA CET,BETA CEPHEI S	15 Jul 80	IPC	02 36 55.0	+00 06 49
1028	9134	CAREFULLY SELECTED Sbc	15 Jul 80	IPC	12 31 54.0	+02 27 41
1029	4645	QSO 3C 279	15 Jul 80	IPC	12 53 35.8	-05 31 07
1030	9133	CAREFULLY SELECTED Sbc	16 Jul 80	IPC	12 31 35.3	+02 55 41
1031	9122	CLUSTER OF GALAXY SURVE	16 Jul 80	IPC	13 29 24.0	-11 24 59
1032	8970	X-RAY STUDY OF CLUSTERS	17 Jul 80	HRI	00 24 00.0	+16 52 57
1033	8325	IDENTIFICATION OF MEDIU	17 Jul 80	HRI	12 47 02.7	-05 47 44
1034	9156	EMISSION BY Sa GALAXIES	17 Jul 80	IPC	12 55 30.0	+01 50 59
1035	8944	3C 33: OPTICAL OBJECTS	18 Jul 80	HRI	01 06 06.0	+13 04 00
1036	4547	NGC 6146, ELLP., S0 GAL	19 Jul 80	IPC	16 23 29.4	+41 00 23
1037	5418	PHL909, LONG OBS. OF HIG	20 Jul 80	IPC	00 54 36.0	+14 29 59
1038	7674	H0511-50, POSITION 3	20 Jul 80	IPC	05 17 03.0	-50 32 59
1039	8431	SURVEY OF BRIGHT (PG) Q	24 Jul 80	IPC	00 49 16.6	+17 09 36
1040	7507	AO 0235+164, TEMPORAL ST	24 Jul 80	IPC	02 35 52.6	+16 24 04
1041	5807	NORMAL GALAXIES: N5068	24 Jul 80	IPC	13 16 12.0	-20 46 35
1042	7328	TW DRA, ALGOL-LIKE SYST	24 Jul 80	IPC	15 33 06.9	+64 04 21
1043	7725	3C 66A, BL LAC OBJECTS W	25 Jul 80	IPC	02 19 30.0	+42 48 29
1044	7822	NGC 5291	25 Jul 80	IPC	13 44 35.0	-30 09 35
1045	8704	TARGET 3: REGIONS OF IN	25 Jul 80	IPC	14 00 23.9	-41 10 58
1046	6318	3CR 305, 3CR RADIO GAL.	25 Jul 80	IPC	14 48 17.6	+63 28 35
1047	6705	SEYFERT SURVEY: NGC 931	26 Jul 80	IPC	02 25 18.0	+31 04 59
1048	7160	0116+31, BURSTING RADIO	27 Jul 80	IPC	01 16 47.5	+31 55 09
1049	480	3CR 48 (QSO 0134+329) Q	27 Jul 80	IPC	01 34 49.8	+32 54 19
1050	7766	PISCES, SPIRAL-RICH CLUS	28 Jul 80	IPC	01 20 24.0	+33 00 59

#	Seq.	EINSTEIN Description	Date	Instr.	R. A.	Decl.
1051	7697	ABELL 71, CLUSTERS OF GA	28 Jul 80	IPC	00 35 06.0	+29 18 59
1052	7917	HD 3546, CORONAL ACTIVIT	28 Jul 80	IPC	00 35 54.4	+29 02 25
1053	7748	HD 17433, SELECTED BY DR	28 Jul 80	IPC	02 45 42.0	+30 54 35
1054	7121	H0253+193, UNIDENTIFIED	28 Jul 80	IPC	02 53 48.0	+19 22 11
1055	5021	HD 4174, SYMBIOTIC STARS	29 Jul 80	IPC	00 41 52.8	+40 34 21
1056	5691	STUDY OF VARIABILITY: 0	30 Jul 80	IPC	02 35 53.0	+16 24 03
1057	6308	3C 31, RADIO GALAXIES W	31 Jul 80	IPC	01 04 36.0	+32 07 59
1058	5347	SURVEY OF BRIGHT QUASAR	5 Aug 80	IPC	14 16 22.5	-12 56 46
1059	5348	SURVEY OF BRIGHT QUASAR	5 Aug 80	IPC	14 26 33.8	+01 30 36
1060	9285	0235+16: STUDY OF VARIA	6 Aug 80	IPC	02 35 53.0	+16 24 03
1061	9914	2A0335+096, O8 LY ALPHA	7 Aug 80	FPC	03 35 57.1	+09 48 31
1062	9562	AO 0235+164, TEMPORAL ST	7 Aug 80	IPC	02 35 52.6	+16 24 04
1063	9915	2A0335+096, FE 20, 983	8 Aug 80	FPC	03 35 57.1	+09 48 31
1064	8308	NGC 985: RING GALAXY	9 Aug 80	HRI	02 32 10.0	-09 00 13
1065	4972	SOFT SOURCE IN ERIDANUS	9 Aug 80	IPC	03 20 00.0	-06 35 59
1066	3907	PKS 0405-123, LOW-FREQ	9 Aug 80	IPC	04 05 27.1	-12 19 33
1067	7170	OR 103, BURSTING RADIO	9 Aug 80	IPC	15 02 00.2	+10 41 34
1068	7728	4C 14.60, BL LAC OBJECTS	9 Aug 80	IPC	15 38 30.0	+14 57 21
1069	7610	7 HER, SELECTED LATE-TYP	9 Aug 80	IPC	16 05 49.3	+17 11 11
1070	8314	IDENTIFICATION OF MEDIU	10 Aug 80	HRI	14 57 02.1	+22 25 23
1071	9264	A2151 FOLLOWUP	10 Aug 80	HRI	16 02 52.8	+17 53 16
1072	9188	BRIGHT SOFT X-RAY SOURC	11 Aug 80	HRI	16 15 16.0	+06 10 49
1073	6854	C1 1446+26, OBSERVATIONS	11 Aug 80	IPC	14 46 42.0	+26 20 59
1074	9389	I ZW 186(OT 546): STUDY	11 Aug 80	IPC	17 26 59.8	+50 11 59
1075	5453	HD 021531	12 Aug 80	IPC	03 25 36.0	-19 58 59
1076	6232	A 500, COMPLETE SURVEY O	12 Aug 80	IPC	04 36 48.0	-22 11 59
1077	6730	SEARCH FOR HIGH LX QSO'	13 Aug 80	IPC	02 50 33.0	-22 31 38
1078	7525	UNIDENTIFIED HEAOA2 SOU	13 Aug 80	IPC	03 00 00.0	-23 35 59
1079	4577	H0355-37 LOCATION	13 Aug 80	IPC	03 58 03.0	-36 46 05
1080	2670	PICT A: BRIGHT X-GALACT	13 Aug 80	IPC	05 18 18.2	-45 49 38
1081	5383	SURVEY OF BRIGHT QUASAR	13 Aug 80	IPC	15 19 02.1	+22 38 21
1082	7609	HD 141714, SELECTED LATE	14 Aug 80	IPC	15 47 30.0	+26 13 11
1083	4576	H0355-37 LOCATION	15 Aug 80	IPC	04 02 13.0	-36 26 05
1084	4263	OPTICALLY BRIGHT, RADIO	15 Aug 80	IPC	15 17 12.0	+23 57 59
1085	4130	H0332-36 POSITION	16 Aug 80	IPC	03 29 14.4	-36 23 59
1086	3059	NGC 1365: NARROW EMISSI	16 Aug 80	IPC	03 31 48.0	-36 17 59
1087	4129	H0332-36 POSITION	16 Aug 80	IPC	03 34 00.0	-36 07 59
1088	4575	H0355-37 LOCATION	16 Aug 80	IPC	04 06 21.0	-36 05 29
1089	8047	LB9576, OPTICALLY SELECT	16 Aug 80	IPC	15 15 22.6	+23 07 10
1090	5211	BL LAC MK 501, QUASI-SIM	16 Aug 80	IPC	16 52 11.9	+39 50 05
1091	4128	H0332-36 POSITION	17 Aug 80	IPC	03 35 38.4	-35 51 35
1092	7695	ZW 1615+35, GALAXIES IN	17 Aug 80	IPC	16 15 44.9	+35 07 59
1093	6389	3C120, SEYFERTS WITH RES	20 Aug 80	HRI	04 30 31.5	+05 15 00
1094	9261	3C 345 FOLLOWUP	20 Aug 80	HRI	16 41 39.9	+39 54 59
1095	7858	ABELL 2151, IRREG CLUSTE	23 Aug 80	IPC	16 04 21.5	+17 55 44
1096	8318	IDENTIFICATION OF MEDIU	24 Aug 80	HRI	15 48 42.5	+11 24 44
1097	4105	H1617+05 POSITION	25 Aug 80	IPC	16 10 55.8	+06 16 29
1098	4102	H1617+05 POSITION	25 Aug 80	IPC	16 21 35.0	+05 44 29
1099	7327	AS ERI, ALGOL-LIKE SYST	26 Aug 80	IPC	03 29 55.3	-03 28 46
1100	800	N. POLAR SPUR: SOFT X-R	26 Aug 80	IPC	15 29 00.0	+09 44 59
1101	9469	AS ERI, ALGOL-LIKE SYST	27 Aug 80	IPC	03 29 55.3	-03 28 46
1102	9470	AS ERI, ALGOL-LIKE SYST	27 Aug 80	IPC	03 29 55.3	-03 28 46
1103	4433	STELLAR SURVEY: PI 4 OR	27 Aug 80	IPC	04 48 33.0	+05 30 59
1104	9471	AS ERI, ALGOL-LIKE SYST	28 Aug 80	IPC	03 29 55.3	-03 28 46
1105	9472	AS ERI, ALGOL-LIKE SYST	28 Aug 80	IPC	03 29 55.3	-03 28 46
1106	9906	3C 120, STAR TRACKER TES	28 Aug 80	IPC	04 30 30.0	+05 14 59
1107	5576	Lambda SER	28 Aug 80	IPC	15 44 01.0	+07 30 29
1108	7108	NEW SOURCE NEAR II ZW 2	30 Aug 80	HRI	04 59 31.8	+03 27 37
1109	7243	HH 43, HERBIG HARO OBJE	22 Sep 80	IPC	05 35 45.3	-07 11 19
1110	7196	N2210, VARIABILITY OF T	22 Sep 80	IPC	05 49 46.4	-07 28 05
1111	6964	PI2 UMA, STELLAR X-RAY V	25 Sep 80	IPC	08 34 47.0	+65 11 46
1112	7501	PKS 0537-441, TEMPORAL S	29 Sep 80	IPC	05 37 20.8	-44 06 47

#	Seq.	EINSTEIN Description	Date	Instr.	R. A.	Decl.
1113	5336	SURVEY OF BRIGHT QUASAR	29 Sep 80	IPC	08 03 17.2	+76 13 48
1114	7197	MKN 3, VARIABILITY OF T	1 Oct 80	IPC	06 09 48.1	+71 02 59
1115	6380	MCG 8-11-11, SEYFERT VAR	5 Oct 80	IPC	05 51 09.9	+46 25 54
1116	910	VV PUP STELLAR OBSERVAT	5 Oct 80	IPC	08 12 52.5	-18 53 58
1117	6835	C1 1558+41, OBSERVATIONS	5 Oct 80	IPC	15 58 53.2	+41 40 49
1118	9653	ESO 141-G55, SEYFERT VA	5 Oct 80	IPC	19 16 56.7	-58 45 51
1119	6832	C1 1600+41, OBSERVATIONS	5 Oct 80	IPC	16 00 22.7	+41 09 42
1120	5699	BL LAC OBJECT	9 Oct 80	IPC	04 54 02.0	-22 03 55
1121	7518	PKS 1725+123, IDENTIFICA	9 Oct 80	IPC	17 25 47.3	+12 18 09
1122	7496	PKS 0735+17, TEMPORAL ST	10 Oct 80	IPC	07 35 14.3	+17 49 11
1123	77	COMPACT EXTRAGALACTIC R	14 Oct 80	IPC	07 42 48.5	+10 18 31
1124	181	3CR 191	23 Oct 80	IPC	08 02 03.8	+10 23 56
1125	316	M87, DETAILED MAPPING FO	11 Dec 80	HRI	12 28 17.0	+12 39 59
1126	8428	SURVEY OF BRIGHT (PG) Q	13 Dec 80	IPC	11 19 11.0	+12 00 41
1127	5341	SURVEY OF BRIGHT QUASAR	13 Dec 80	IPC	12 11 45.4	+14 19 55
1128	119	NGC 4215, ACTIVE SO GALA	13 Dec 80	IPC	12 13 22.0	+06 40 47
1129	5374	SURVEY OF BRIGHT QUASAR	13 Dec 80	IPC	12 16 48.2	+06 55 25
1130	5375	SURVEY OF BRIGHT QUASAR	13 Dec 80	IPC	12 54 27.4	+04 43 48
1131	7911	HD 95216, CORONAL ACTIVI	14 Dec 80	IPC	10 57 04.4	+11 58 24
1132	7618	TW VIR, CATAclysmic VARI	14 Dec 80	IPC	11 42 48.0	-04 09 17
1133	8705	TARGET 4: REGIONS OF IN	14 Dec 80	IPC	11 47 23.0	+11 08 29
1134	5423	ON 029, LONG OBS. OF HIG	14 Dec 80	IPC	12 17 38.3	+02 20 20
1135	8701	OPTICALLY SELECTED QSO'	14 Dec 80	IPC	00 02 42.0	+05 07 59
1136	146	H0452-742	14 Dec 80	IPC	05 02 54.0	-75 33 05
1137	8400	CPG 217, BLUE COMPACT DW	14 Dec 80	IPC	09 49 39.0	+08 03 41
1138	5356	SURVEY OF BRIGHT QUASAR	14 Dec 80	IPC	11 38 44.0	+04 03 53
1139	9610	ON 029, LONG OBS. OF HIG	14 Dec 80	IPC	12 17 38.3	+02 20 20
1140	9611	ON 029, LONG OBS. OF HIG	14 Dec 80	IPC	12 17 38.3	+02 20 20
1141	9310	3C 273: STUDY OF VARIAB	14 Dec 80	IPC	12 26 33.1	+02 19 40
1142	9420	3C 371: STUDY, BL LAC's	14 Dec 80	IPC	18 07 17.5	+69 49 11
1143	8450	OPTICALLY SELECTED QSO'	15 Dec 80	IPC	00 07 42.0	-00 03 59
1144	8494	0637-75, QSO'S WITH RADI	15 Dec 80	IPC	06 37 23.2	-75 13 36
1145	7474	ON 001.4, EMISSION FROM	15 Dec 80	IPC	12 00 47.5	+04 31 01
1146	9612	ON 029, LONG OBS. OF HIG	15 Dec 80	IPC	12 17 38.3	+02 20 20
1147	9613	ON 029, LONG OBS. OF HIG	15 Dec 80	IPC	12 17 38.3	+02 20 20
1148	288	UNIDENTIFIED SOURCE FOL	18 Dec 80	HRI	22 21 10.8	-01 54 59
1149	1979	3C 459: SEYFERT AND N-T	19 Dec 80	IPC	23 13 59.7	+03 48 59
1150	125	III ZW2, OBS OF VARIABLE	20 Dec 80	IPC	00 07 56.7	+10 41 48
1151	7406	GD 113, SUBDWARF STAR	20 Dec 80	IPC	10 03 33.0	+01 08 05
1152	228	N 3660: ACTIVE NUCLEI O	22 Dec 80	IPC	11 21 06.0	-08 23 59
1153	8429	SURVEY OF BRIGHT (PG) Q	22 Dec 80	IPC	11 26 47.9	-04 07 49
1154	148	MKN290, MKN289	22 Dec 80	IPC	15 30 42.0	+58 34 47
1155	9378	STUDY OF VARIABILITY: 3	22 Dec 80	IPC	17 04 00.0	+60 47 59
1156	1978	NGC 7469: SEYFERT AND N	22 Dec 80	IPC	23 00 44.2	+08 36 30
1157	7203	MKN 270, VARIABILITY OF	23 Dec 80	IPC	13 39 40.7	+67 55 32
1158	8310	BL LAC OBJECT	23 Dec 80	IPC	14 18 06.7	+54 36 56
1159	137	MKN 304, X-RAY VARIABILI	23 Dec 80	IPC	22 14 44.9	+13 59 26
1160	7184	CTA 102, BURSTING RADIO	23 Dec 80	IPC	22 30 07.3	+11 28 25
1161	2072	X-RAY STUDY OF QUASARS:	23 Dec 80	IPC	22 50 59.7	+11 20 59
1162	6875	A1617, CLUSTER LUMINOSIT	24 Dec 80	IPC	12 45 24.0	+59 28 59
1163	6879	A1707, CLUSTER LUMINOSIT	24 Dec 80	IPC	13 13 42.0	+58 29 59
1164	9667	QSO OX 169	24 Dec 80	IPC	21 41 12.7	+17 29 48
1165	9668	QSO OX 169	24 Dec 80	IPC	21 41 12.7	+17 29 48
1166	4647	QSO OX 169	24 Dec 80	IPC	21 41 12.8	+17 29 48
1167	6866	A1528, CLUSTER LUMINOSIT	25 Dec 80	IPC	12 20 29.9	+59 10 59
1168	8957	SEYFERT GALAXY SURVEY:	25 Dec 80	IPC	12 54 04.8	+57 08 23
1169	9701	F0-G5 STARS: HR 4934	25 Dec 80	IPC	12 59 50.0	+63 52 42
1170	9672	QSO OX 169	25 Dec 80	IPC	21 41 12.7	+17 29 48
1171	9125	CLUSTER OF GALAXY SURVE	25 Dec 80	IPC	21 51 11.7	+17 26 59
1172	9669	QSO OX 169	26 Dec 80	IPC	21 41 12.7	+17 29 48
1173	9670	QSO OX 169	26 Dec 80	IPC	21 41 12.7	+17 29 48
1174	6873	A1597, CLUSTER LUMINOSIT	27 Dec 80	IPC	12 39 06.0	+72 30 59

#	Seq.	EINSTEIN Description	Date	Instr.	R. A.	Decl.
1175	7483	2201+171,EMISSION FROM	27 Dec 80	IPC	22 01 02.6	+17 11 18
1176	105	PS13 PSC,HERTZSPRUNG GA	29 Dec 80	IPC	01 07 08.5	+19 23 31
1177	9157	MARKARIAN 180	29 Dec 80	IPC	11 33 32.7	+70 25 59
1178	8988	MKN 335: BROAD EMISSION	1 Jan 81	HRI	00 03 45.1	+19 55 26
1179	431	DISTANT GALAXY CLUSTERS	1 Jan 81	IPC	00 14 20.0	+16 19 59
1180	682	HEAO-1 SOURCES;SUBSTITU	1 Jan 81	IPC	00 14 20.0	+16 19 59
1181	683	HEAO-1 SOURCES;SUBSTITU	2 Jan 81	IPC	00 15 20.0	+15 34 59
1182	432	DISTANT GALAXY CLUSTERS	2 Jan 81	IPC	00 15 20.0	+15 35 00
1183	9550	PG0026+113,LONG OBS OF	4 Jan 81	IPC	00 26 38.0	+12 59 28
1184	9551	PG0026+113,LONG OBS OF	4 Jan 81	IPC	00 26 38.0	+12 59 28
1185	9552	PG0026+113,LONG OBS OF	4 Jan 81	IPC	00 26 38.0	+12 59 28
1186	9553	PG0026+113,LONG OBS OF	4 Jan 81	IPC	00 26 38.0	+12 59 28
1187	5417	PG0026+113,LONG OBS. OF	4 Jan 81	IPC	00 26 38.0	+12 59 28
1188	9138	CAREFULLY SELECTED Sbc	4 Jan 81	IPC	02 44 00.6	+00 27 23
1189	5369	SURVEY OF BRIGHT QUASAR	4 Jan 81	IPC	10 48 59.4	-09 02 12
1190	7301	OM-146, LOW FREQ. VAR.	4 Jan 81	IPC	11 27 36.3	-14 32 52
1191	374	PG 1426+01,SEARCH FOR V	4 Jan 81	IPC	14 26 33.8	+01 30 36
1192	9726	MEDIUM SURVEY FOLLOWUP	5 Jan 81	HRI	15 33 30.0	+14 40 28
1193	390	PG 1426+01,SEARCH FOR V	5 Jan 81	IPC	14 26 33.8	+01 30 36
1194	391	PG 1426+01,SEARCH FOR V	5 Jan 81	IPC	14 26 33.8	+01 30 36
1195	392	PG 1426+01,SEARCH FOR V	5 Jan 81	IPC	14 26 33.8	+01 30 36
1196	393	PG 1426+01,SEARCH FOR V	5 Jan 81	IPC	14 26 33.8	+01 30 36
1197	289	UNIDENTIFIED SOURCE FOL	6 Jan 81	HRI	01 12 22.0	+00 05 12
1198	218	NGC 7469:SEYFERTS W/ EX	6 Jan 81	HRI	23 00 44.4	+08 36 17
1199	5411	1146-037,QSO'S WITH RAD	6 Jan 81	IPC	11 46 23.9	-03 47 29
1200	5721	MEDIUM DEPTH SURVEY: FA	6 Jan 81	IPC	12 28 43.9	+07 41 52
1201	223	N 0945: ACTIVE NUCLEI O	8 Jan 81	IPC	02 26 10.8	-10 45 35
1202	9153	GASEOUS HALOS IN FIELD	8 Jan 81	IPC	23 26 12.5	+03 14 10
1203	5387	SURVEY OF BRIGHT QUASAR	8 Jan 81	IPC	23 49 20.6	-01 26 13
1204	190	A 2244,CLUSTERS W/ HRI	10 Jan 81	HRI	17 00 52.0	+34 07 28
1205	7116	H0111-149, UNIDENTIFIED	11 Jan 81	IPC	01 11 28.8	-14 55 47
1206	7473	1210+121,EMISSION FROM	11 Jan 81	IPC	12 10 00.8	+12 07 38
1207	6999	NGC 4429,VIRGO CLUSTER	11 Jan 81	IPC	12 24 54.0	+11 23 05
1208	362	M87	12 Jan 81	IPC	12 28 18.0	+12 40 00
1209	5343	SURVEY OF BRIGHT QUASAR	12 Jan 81	IPC	12 41 37.1	+17 36 54
1210	5376	SURVEY OF BRIGHT QUASAR	12 Jan 81	IPC	13 33 36.7	+17 40 30
1211	5377	SURVEY OF BRIGHT QUASAR	12 Jan 81	IPC	13 52 12.6	+18 19 59
1212	361	M87	13 Jan 81	IPC	12 28 18.0	+12 40 00
1213	7012	NGC 4571,VIRGO CLUSTER	13 Jan 81	IPC	12 34 25.2	+14 29 35
1214	399	M87 W/ AL FILTER	14 Jan 81	HRI	12 28 18.0	+12 40 00
1215	7852	A 1775,CD GALAXIES W/MU	14 Jan 81	HRI	13 39 36.0	+26 36 59
1216	9008	NGC 4438	14 Jan 81	HRI	12 25 13.6	+13 17 07
1217	8993	DISTANCE 4 ABELL CLUSTE	16 Jan 81	IPC	03 06 17.0	-23 50 57
1218	109	37 COM,HERTZSPRUNG GAP	16 Jan 81	IPC	12 57 53.0	+31 03 15
1219	8934	HZ 43 FOLLOW-UP,VERY SO	17 Jan 81	G5	13 14 00.0	+29 21 46
1220	6442	NGC 5272,GLOBULAR CLUST	17 Jan 81	IPC	13 39 54.0	+28 37 59
1221	5379	SURVEY OF BRIGHT QUASAR	17 Jan 81	IPC	14 02 58.8	+26 09 58
1222	5381	SURVEY OF BRIGHT QUASAR	17 Jan 81	IPC	14 07 07.9	+26 32 32
1223	354	1254+35,BRACCESSI SURVE	18 Jan 81	HRI	12 54 40.0	+35 42 59
1224	358	1257+35,BRACCESSI SURVE	19 Jan 81	HRI	12 57 53.0	+35 48 59
1225	359	1301+35,BRACCESSI SURVE	20 Jan 81	HRI	13 01 00.0	+35 49 59
1226	9717	MEDIUM SURVEY FOLLOWUP	24 Jan 81	HRI	04 12 28.0	-08 03 07
1227	259	FOLLOW-UP OF 1 CT/SEC I	24 Jan 81	HRI	04 14 15.3	+00 58 25
1228	9702	F0-G5 STARS: HR 4968/9	24 Jan 81	HRI	13 07 33.3	+17 47 35
1229	290	ALPHA BOO,SEARCH FOR CO	24 Jan 81	HRI	14 13 23.0	+19 26 30
1230	5546	SAO 100517 STAR (MISPOI	25 Jan 81	IPC	13 15 47.0	+18 02 01
1231	8982	RED QSOs-II:1413+135	25 Jan 81	IPC	14 13 34.0	+13 34 17
1232	5549	Tau BOO	27 Jan 81	IPC	13 44 54.0	+17 41 59
1233	9705	F0-G5 STARS: HR 5365	27 Jan 81	IPC	14 16 50.9	+13 14 02
1234	5344	SURVEY OF BRIGHT QUASAR	28 Jan 81	IPC	13 07 16.3	+08 35 41
1235	5378	SURVEY OF BRIGHT QUASAR	30 Jan 81	IPC	13 52 25.3	+01 06 55
1236	373	PG 1416-12,SEARCH FOR V	30 Jan 81	IPC	14 16 22.5	-12 56 46

#	Seq.	EINSTEIN Description	Date	Instr.	R. A.	Decl.
1237	386	PG 1416-12,SEARCH FOR V	30 Jan 81	IPC	14 16 22.5	-12 56 46
1238	387	PG 1416-12,SEARCH FOR V	31 Jan 81	IPC	14 16 22.5	-12 56 46
1239	9283	0235+16: STUDY OF VARIA	1 Feb 81	IPC	02 35 53.0	+16 24 03
1240	388	PG 1416-12,SEARCH FOR V	1 Feb 81	IPC	14 16 22.5	-12 56 46
1241	389	PG 1416-12,SEARCH FOR V	2 Feb 81	IPC	14 16 22.5	-12 56 46
1242	549	MKN 486 (STEINER) SEYFE	7 Feb 81	IPC	15 35 06.0	+54 41 59
1243	375	PG 1613+65,SEARCH FOR V	7 Feb 81	IPC	16 13 33.4	+65 51 25
1244	394	PG 1613+65,SEARCH FOR V	7 Feb 81	IPC	16 13 33.4	+65 51 25
1245	395	PG 1613+65,SEARCH FOR V	7 Feb 81	IPC	16 13 33.4	+65 51 25
1246	9647	PKS 1514-242A,TEMPORAL	9 Feb 81	IPC	15 14 45.0	-24 11 19
1247	596	MK 279	10 Feb 81	IPC	13 51 54.9	+69 33 13
1248	429	HD124752,CORONAL EMIS F	10 Feb 81	IPC	14 11 10.7	+67 49 11
1249	421	QSO 1435+63,MEASUREMENT	10 Feb 81	IPC	14 35 37.2	+63 49 35
1250	6897	A1969,CLUSTER LUMINOSIT	10 Feb 81	IPC	14 42 48.0	+63 54 59
1251	396	PG 1613+65,SEARCH FOR V	10 Feb 81	IPC	16 13 33.4	+65 51 25
1252	161	H1846-787	10 Feb 81	IPC	18 36 23.7	-78 37 59
1253	7493	PKS 1514-242A,TEMPORAL	11 Feb 81	IPC	15 14 45.0	-24 11 19
1254	397	PG 1613+65,SEARCH FOR V	11 Feb 81	IPC	16 13 33.4	+65 51 25
1255	548	MKN 270 SEYFERT FOLLOWU	11 Feb 81	IPC	13 39 24.0	+67 55 59
1256	447	M83	13 Feb 81	HRI	13 34 10.2	-29 36 46
1257	566	3C 31 FOLLOW-UP	14 Feb 81	HRI	01 04 39.0	+32 05 59
1258	7506	AO 0235+164,TEMPORAL ST	15 Feb 81	IPC	02 35 52.6	+16 24 04
1259	629	2A0335+096, FE 20, 983	16 Feb 81	FPC	03 35 57.1	+09 48 31
1260	434	EMPTY FIELD (MISPOINT)	16 Feb 81	IPC	03 58 48.0	+10 15 59
1261	414	DELTA ORI: Variability	16 Feb 81	IPC	05 29 28.0	+00 21 59
1262	630	2A0335+096, O8 LYMAN AL	17 Feb 81	FPC	03 35 57.1	+09 48 31
1263	287	UNIDENTIFIED SOURCE FOL	17 Feb 81	HRI	15 09 46.0	-09 02 16
1264	533	HERCULES A	19 Feb 81	IPC	16 48 41.9	+05 04 59
1265	632	H0323+02,HEAO-A3 STAR	20 Feb 81	IPC	03 23 38.0	+02 14 46
1266	452	N1004,ZWICKY CLUSTER W/	21 Feb 81	IPC	02 35 07.0	+01 45 29
1267	225	N 1784: ACTIVE NUCLEI O	21 Feb 81	IPC	05 03 06.6	-11 56 23
1268	489	WP07,CLUSTER	24 Feb 81	IPC	02 53 24.0	-08 47 59
1269	384	CLUSTERS W/STEEP SPECTR	24 Feb 81	IPC	14 44 03.1	+07 41 21
1270	6104	A 2040,DETAILED STUDY O	24 Feb 81	IPC	15 10 18.0	+07 36 59
1271	464	I4553,SPIRAL GALAXIES W	5 Mar 81	IPC	15 32 46.9	+23 40 05
1272	543	AWM4 CD POOR CLUSTER	5 Mar 81	IPC	16 02 47.9	+24 03 59
1273	368	QSO 1525+227	7 Mar 81	IPC	15 25 46.1	+22 43 22
1274	651	SURVEY OF BRIGHT QUASAR	9 Mar 81	HRI	16 17 56.2	+17 31 32
1275	608	ZWICKY CLUSTER 383	12 Mar 81	IPC	15 52 42.0	+11 11 59
1276	8469	NEW TYPE OF EXTRAGALACT	12 Mar 81	IPC	16 56 05.4	+05 19 46
1277	153	PKS0406-079	13 Mar 81	IPC	04 09 00.0	-07 52 29
1278	438	1559+08,OPTICALLY SELEC	13 Mar 81	IPC	15 59 54.0	+08 53 59
1279	7497	PKS 0735+17,TEMPORAL ST	26 Mar 81	IPC	07 35 14.3	+17 49 11
1280	675	3CR 191	28 Mar 81	HRI	08 02 03.8	+10 23 55
1281	9218	UNIDENTIFIED 3A SOURCES	30 Mar 81	IPC	07 29 00.0	+09 51 35
1282	9071	CORONAL EMISSIONS FROM	2 Apr 81	IPC	07 49 06.0	+01 53 59
1283	473	N2210,SEYFERT VARIABILI	8 Apr 81	IPC	05 49 46.0	-07 28 05
1284	6541	3A 0745-191,GALACTIC SO	9 Apr 81	HRI	07 45 17.0	-19 06 35
1285	722	NGC 2613: LATE, EDGE ON	16 Apr 81	IPC	08 31 10.8	-22 47 59
1286	3905	0859-14, LOW-FREQUENCY	20 Apr 81	IPC	08 59 54.9	-14 03 59
1287	101	HR 8191,HERTZSPRUNG GAP	21 Apr 81	IPC	21 21 57.7	+09 57 28
1288	1972	II ZW 136: SEYFERT AND	21 Apr 81	IPC	21 29 59.9	+09 55 59
1289	8933	3C 206	22 Apr 81	IPC	08 37 27.9	-12 03 53

## 8.2 EXOSAT Observations

Seq	EXOSAT Name	Date	Instruments	R. A.	Decl.
7	N POLAR SPUR	24 Jun 83	GSPC, LE1, LE2, ME	17 05 43	+04 43.9
15	HZ43	29 Jun 83	GSPC, LE1, LE2, ME	13 13 48	+29 22.0
16	AM HER	30 Jun 83	GSPC, LE2, ME	18 14 46	+49 50.9
17	AM HER	30 Jun 83	GSPC, LE1, LE2, ME	18 14 46	+49 50.9
21	CYG X-3	3 Jul 83	GSPC, LE1, LE2, ME	20 30 26	+40 47.2
24	S'NOVA EVANS	6 Jul 83	GSPC, LE1, LE2, ME	13 34 18	-29 37.0
25	S'NOVA EVANS	8 Jul 83	GSPC, LE1, LE2, ME	13 34 30	-29 35.4
28	TON 256	9 Jul 83	GSPC, LE1, LE2, ME	16 12 09	+26 11.7
32	NGC 4151	12 Jul 83	GSPC, LE1, LE2, ME	12 06 48	+39 46.6
33	NGC 4151	12 Jul 83	GSPC, LE1, LE2, ME	12 08 00	+39 41.0
34	VIRGO A	14 Jul 83	GSPC, LE1, LE2, ME	12 18 30	+13 00.0
35	VIRGO B	14 Jul 83	GSPC, LE1, LE2, ME	12 21 30	+13 00.0
36	VIRGO C	14 Jul 83	GSPC, LE1, LE2, ME	12 24 00	+13 00.0
37	VIRGO D	14 Jul 83	GSPC, LE2, ME	12 27 00	+13 00.0
39	VIRGO E	14 Jul 83	GSPC, LE1, LE2, ME	12 30 00	+13 00.0
40	VIRGO F	15 Jul 83	GSPC, LE1, LE2, ME	12 33 03	+13 05.0
41	VIRGO F	15 Jul 83	GSPC, LE1, LE2, ME	12 33 00	+13 00.0
42	VIRGO G	15 Jul 83	GSPC, LE1, LE2, ME	12 36 00	+13 00.0
43	COMA CLUSTER	16 Jul 83	GSPC, LE1, LE2, ME	12 57 29	+28 11.4
47	M87	18 Jul 83	GSPC, LE1, LE2, ME	12 28 46	+12 40.2
48	DEEP FIELD	19 Jul 83	GSPC, LE1, LE2, ME	18 09 53	+31 23.5
49	S'NOVA EVANS	22 Jul 83	GSPC, LE1, LE2, ME	13 34 30	-29 35.4
50	S'NOVA EVANS	23 Jul 83	GSPC, LE1, LE2, ME	13 34 30	-29 35.4
51	NGC 1275	25 Jul 83	GSPC, LE1, LE2, ME	03 16 30	+41 20.1
69	H1426+01	5 Aug 83	GSPC, LE2, ME	14 26 34	+01 30.6
70	H1426+01	5 Aug 83	GSPC, LE2, ME	14 26 50	+01 30.6
75	S'NOVA EVANS	7 Aug 83	GSPC, LE2, ME	13 34 02	-29 38.8
82	3C445	9 Aug 83	GSPC, LE2, ME	22 21 15	-02 21.4
85	AM HER	11 Aug 83	GSPC, LE1, LE2, ME	18 14 59	+49 50.9
95	3C 120	16 Aug 83	GSPC, LE1, LE2, ME	04 30 00	+05 15.0
96	1514-241	17 Aug 83	GSPC, LE1, LE2, ME	15 14 45	-24 11.3
97	ALGOL	19 Aug 83	GSPC, LE1, LE2, ME	03 04 53	+40 46.0
105	FEIGE 31	23 Aug 83	GSPC, LE1, LE2, ME	03 01 59	+02 45.9
106	NGC1068	23 Aug 83	GSPC, LE1, LE2, ME	02 40 07	+00 13.5
107	NGC1090	24 Aug 83	GSPC, LE1, LE2, ME	02 43 59	+00 27.4
115	MKN506	26 Aug 83	GSPC, LE1, LE2, ME	17 20 42	+30 55.9
121	G191 B2B	29 Aug 83	GSPC, LE1, LE2, ME	05 48 46	+00 11.2
130	40 ERI-B	31 Aug 83	GSPC, LE1, LE2, ME	04 13 00	-07 44.0
131	2A0316+413	31 Aug 83	GSPC, LE1, LE2, ME	03 19 10	+41 20.0
133	MKN1040	3 Sep 83	GSPC, LE2, ME	02 25 17	+31 05.3
138	NGC6814	5 Sep 83	GSPC, LE1, LE2, ME	19 39 54	-10 26.9
139	ESO141-G55	5 Sep 83	GSPC, LE1, LE2, ME	19 16 57	-58 45.8
140	ESO103-G35	5 Sep 83	GSPC, LE2, ME	18 33 22	-65 28.2
141	NGC7314	6 Sep 83	GSPC, LE1, LE2, ME	22 33 01	-26 18.0
142	FAIRALL 9	7 Sep 83	GSPC, LE1, LE2, ME	01 21 51	-59 03.9
143	3A0234-526	7 Sep 83	GSPC, LE1, LE2, ME	02 36 41	-52 24.5
144	NGC526A	7 Sep 83	GSPC, LE2, ME	01 22 00	-35 18.0
145	1978 NOV 19	7 Sep 83	GSPC, LE1, LE2, ME	01 16 32	-28 53.0
147	AKN120	8 Sep 83	GSPC, LE2, ME	05 13 38	+00 12.2
148	NGC2110	8 Sep 83	GSPC, LE2, ME	05 49 47	-07 28.1
158	3C 382	12 Sep 83	GSPC, LE1, LE2, ME	18 33 12	+32 39.2
160	BD 75-325	13 Sep 83	GSPC, LE1, LE2, ME	08 04 44	+75 06.8
165	H2252-035	15 Sep 83	GSPC, LE1, LE2, ME	22 52 43	-03 26.6
166	3U1809+50	16 Sep 83	GSPC, LE1, LE2, ME	18 15 08	+50 00.9
167	3U1809+50 +	16 Sep 83	GSPC, LE1, LE2, ME	18 15 08	+49 30.9
169	GR 372	16 Sep 83	GSPC, LE1, LE2, ME	17 48 53	+70 52.7
170	H2252-035	18 Sep 83	GSPC, LE2, ME	22 52 43	-03 26.6
178	MISPOINTING	20 Sep 83	GSPC, LE2, ME	03 16 30	+40 50.0
179	MISPOINTING +	20 Sep 83	GSPC, LE2, ME	03 16 30	+41 21.1
182	NGC 1535	20 Sep 83	GSPC, LE2, ME	04 11 57	-12 51.7
183	NGC 1535 +	20 Sep 83	GSPC, LE2, ME	04 11 48	-12 51.5

Seq	EXOSAT Name	Date	Instruments	R. A.	Decl.
187	AM HER	21 Sep 83	GSPC, LE2, ME	18 14 57	+49 50.9
188	AM HER	21 Sep 83	GSPC, LE1, LE2, ME	18 15 35	+49 50.3
215	MR2251-179	6 Oct 83	GSPC, LE1, LE2, ME	22 51 25	-17 50.9
219	0851+202	8 Oct 83	GSPC, LE1, LE2, ME	08 51 57	+20 17.9
220	FAIRALL 9	9 Oct 83	GSPC, LE1, LE2, ME	01 21 47	-58 59.0
222	1928+73	10 Oct 83	GSPC, LE1, LE2, ME	19 27 37	+73 51.2
223	MKN509	10 Oct 83	GSPC, LE1, LE2, ME	20 41 12	-10 50.5
224	H0850+13	10 Oct 83	GSPC, LE1, LE2, ME	08 41 31	+12 59.2
226	FAIRALL 9	11 Oct 83	GSPC, LE1, LE2, ME	01 21 47	-58 59.0
229	W UMA	13 Oct 83	GSPC, LE1, LE2, ME	09 40 42	+56 07.6
230	W UMA	14 Oct 83	GSPC, ME	09 40 42	+56 07.6
231	FAIRALL 9	14 Oct 83	GSPC, LE1, LE2, ME	01 21 47	-58 59.0
236	FAIRALL 9	16 Oct 83	GSPC, LE1, LE2, ME	01 21 47	-58 58.9
237	MR2251-179	16 Oct 83	GSPC, LE2, ME	22 51 21	-17 46.0
241	FAIRALL 9	18 Oct 83	GSPC, LE1, LE2, ME	01 21 47	-58 59.0
242	HR1009	18 Oct 83	GSPC, LE1, LE2, ME	03 34 05	+00 30.2
249	4U2030+40	22 Oct 83	GSPC, ME	20 30 11	+40 48.0
250	4C59.08	22 Oct 83	GSPC, LE1, LE2, ME	07 03 37	+59 33.5
251	MKN509	22 Oct 83	GSPC, LE2, ME	20 41 12	-10 50.5
257	CAPELLA	24 Oct 83	GSPC, LE1, LE2, ME	05 11 35	+45 58.9
258	CAPELLA +	24 Oct 83	GSPC, LE1, LE2, ME	05 13 00	+45 54.3
259	CYGNUS X-3	27 Oct 83	GSPC, LE1, LE2, ME	20 30 03	+40 47.9
266	MR2251-179	28 Oct 83	GSPC, LE1, LE2, ME	22 51 21	-17 46.0
267	H0850+13	29 Oct 83	GSPC, LE1, ME	08 49 48	+12 36.0
278	PKS2155-304	1 Nov 83	GSPC, LE1, ME	21 55 58	-30 27.8
279	3C120	2 Nov 83	GSPC, LE1, ME	04 29 59	+05 15.0
282	ESO141-G55	2 Nov 83	GSPC, LE1, ME	19 16 56	-58 45.8
283	PKS0521-365	2 Nov 83	GSPC, LE1, ME	05 21 14	-36 30.2
284	PKS0548-322	2 Nov 83	GSPC, LE1, ME	05 48 49	-32 16.9
285	NGC 6814	2 Nov 83	GSPC, LE1, ME	19 30 53	-10 27.0
286	NGC 6814	3 Nov 83	GSPC, LE1, ME	19 39 53	-10 27.0
287	MKN509	3 Nov 83	GSPC, LE1, ME	20 41 26	-10 54.2
288	AM HER	3 Nov 83	GSPC, LE1, ME	18 14 57	+49 50.9
291	4U2030+40	5 Nov 83	GSPC, ME	20 30 38	+40 47.2
292	MKN335	5 Nov 83	GSPC, LE1, ME	00 03 45	+19 55.5
293	NGC7469	5 Nov 83	GSPC, LE1, ME	23 00 44	+08 36.3
296	NGC7213	6 Nov 83	GSPC, LE1, ME	22 06 14	-47 25.0
297	NGC526 A	6 Nov 83	GSPC, LE1, ME	01 21 39	-35 19.0
298	MR2251-179	6 Nov 83	GSPC, LE1, ME	22 51 26	-17 50.9
299	MCG2-58-22	6 Nov 83	GSPC, LE1, ME	23 02 07	-08 57.3
300	PHL 380	7 Nov 83	GSPC, LE1, ME	22 40 12	-04 30.0
301	NGC4151	7 Nov 83	GSPC, LE1, ME	12 08 00	+39 40.8
302	PG0026+129	7 Nov 83	GSPC, LE1, ME	00 26 38	+12 59.4
304	MCG8-11-11	8 Nov 83	GSPC, LE1, ME	05 51 10	+46 25.9
305	TON524A	10 Nov 83	GSPC, LE1, ME	10 28 47	+29 02.4
306	PRAESEPE	10 Nov 83	GSPC, LE1, ME	08 37 00	+20 10.0
308	ABELL 78	11 Nov 83	GSPC, LE1, ME	21 33 20	+31 28.2
309	MKN205	11 Nov 83	GSPC, LE1, ME	12 19 34	+75 35.2
312	NGC4151	12 Nov 83	GSPC, LE1, ME	12 08 00	+39 40.8
314	PKS0735+178	13 Nov 83	GSPC, LE1, ME	07 35 14	+17 49.1
315	1928+73	13 Nov 83	GSPC, LE1, ME	19 28 49	+73 51.7
317	PKS0735+178	14 Nov 83	GSPC, LE1, ME	07 35 14	+17 49.1
320	PKS0735+178	15 Nov 83	GSPC, LE1, ME	07 35 13	+17 49.1
323	MKN352	16 Nov 83	GSPC, LE1, ME	00 57 08	+31 33.5
325	NGC4151	16 Nov 83	GSPC, LE1, ME	12 08 00	+39 40.8
327	2A1348+700	16 Nov 83	GSPC, LE1, ME	13 51 52	+69 33.2
329	MR2251-179	17 Nov 83	GSPC, LE1, ME	22 51 26	-17 50.9
333	NGC 4151	19 Nov 83	GSPC, LE1, ME	12 08 00	+39 40.8
335	NGC 3587	20 Nov 83	GSPC, LE1, ME	11 11 54	+55 17.5
337	TON 524A	20 Nov 83	GSPC, LE1, ME	10 28 48	+29 06.0
345	BPM 97859	22 Nov 83	GSPC, LE1, ME	23 09 48	+10 31.0
349	PHL5200	24 Nov 83	GSPC, LE1, ME	22 25 54	-05 34.2

Seq	EXOSAT Name	Date	Instruments	R. A.	Decl.
350	IRAS I	25 Nov 83	GSPC, LE1, ME	04 09 42	+05 25.1
353	OX169	26 Nov 83	GSPC, LE1, ME	21 41 13	+17 29.8
356	OX169	27 Nov 83	GSPC, LE1, ME	21 41 13	+17 29.8
357	2A0526-328	27 Nov 83	GSPC, LE1, ME	05 27 33	-32 51.3
358	MR2251-179	28 Nov 83	GSPC, LE1, ME	22 51 26	-17 50.9
359	OX 169	28 Nov 83	GSPC, LE1, ME	21 41 13	+17 29.8
360	2A0526-328	29 Nov 83	GSPC, LE1, ME	05 27 33	-32 51.3
361	MR2251-178	29 Nov 83	GSPC, LE1, ME	22 51 26	-17 50.9
363	2A0311-227	30 Nov 83	GSPC, LE1, ME	03 12 00	-22 46.8
365	PKS2155-304	30 Nov 83	GSPC, LE1, ME	21 55 58	-30 27.8
367	PKS0521-365	30 Nov 83	GSPC, LE1, ME	05 21 14	-36 30.1
368	PKS0548-322	30 Nov 83	GSPC, LE1, ME	05 48 50	-32 16.9
370	NGC 4258	1 Dec 83	GSPC, LE1, ME	12 16 29	+47 35.0
372	1156+295	2 Dec 83	GSPC, LE1, ME	11 56 57	+29 33.4
373	2223-052	2 Dec 83	GSPC, LE1, ME	22 23 10	-05 12.3
375	4U2030+40	3 Dec 83	GSPC, ME	20 30 38	+40 47.2
382	PG1257+279	5 Dec 83	GSPC, LE1, ME	12 57 03	+27 54.3
383	BE UMA	5 Dec 83	GSPC, LE1, ME	11 55 10	+49 13.1
385	FEIGE 4	5 Dec 83	GSPC, LE1, ME	00 17 24	+13 36.0
386	1156+295	6 Dec 83	GSPC, LE1, ME	11 56 17	+29 33.4
388	2223-052	6 Dec 83	GSPC, LE1, ME	22 23 10	-05 12.3
390	0235+164	8 Dec 83	GSPC, LE1, ME	02 35 53	+16 24.0
391	2200+420	8 Dec 83	GSPC, LE1, ME	22 00 39	+42 02.1
392	0851+202	8 Dec 83	GSPC, LE1, ME	08 51 57	+20 17.9
393	1156+295	9 Dec 83	GSPC, LE1, ME	11 56 56	+29 33.4
394	MR2251-179	10 Dec 83	GSPC, LE1, ME	22 51 26	-17 50.9
395	0235+164	10 Dec 83	GSPC, LE1, ME	02 35 53	+16 24.0
396	2223-052	10 Dec 83	GSPC, LE1, ME	22 23 10	-05 12.3
398	1928+73	11 Dec 83	GSPC, LE1, ME	19 28 49	+73 51.7
399	MKN382	11 Dec 83	GSPC, LE1, ME	07 52 03	+39 19.1
401	0235+164	12 Dec 83	GSPC, LE1, ME	02 35 53	+16 24.0
402	2223-052	12 Dec 83	GSPC, LE1, ME	22 23 10	-05 12.3
403	1156+295	12 Dec 83	GSPC, LE1, ME	11 56 57	+29 33.4
406	NGC3783	14 Dec 83	GSPC, LE1, ME	11 36 33	-37 27.6
408	0235+164	14 Dec 83	GSPC, LE1, ME	02 35 53	+16 24.0
410	A1202+31	14 Dec 83	GSPC, LE1, ME	12 02 05	+31 27.0
412	II ZW 1	15 Dec 83	GSPC, LE1, ME	01 19 30	-01 17.9
413	NGC3227	15 Dec 83	GSPC, LE1, ME	10 20 46	+20 07.1
415	NGC4151	17 Dec 83	GSPC, LE1, ME	12 08 01	+39 41.0
418	3C273	17 Dec 83	GSPC, LE1, ME	12 26 33	+02 19.4
419	4U2030+40	18 Dec 83	GSPC, ME	20 30 38	+40 47.2
420	MR2251-179	18 Dec 83	GSPC, LE1, ME	22 51 26	-17 50.9
421	III ZW 2	18 Dec 83	GSPC, LE1, ME	00 08 00	+10 42.0
422	NGC2922	18 Dec 83	GSPC, LE1, ME	09 43 17	-14 05.7
423	1215+303	19 Dec 83	GSPC, LE1, ME	12 15 21	+30 23.6
430	NGC4096	23 Dec 83	GSPC, LE1, ME	12 03 29	+47 45.2
433	M82	25 Dec 83	GSPC, LE1, ME	09 51 52	+69 54.9
436	NGC4244	27 Dec 83	GSPC, LE1, ME	12 14 59	+38 05.1
437	NGC4656	27 Dec 83	GSPC, LE1, ME	12 41 33	+32 27.0
439	HD 111812	27 Dec 83	GSPC, LE1, ME	12 49 16	+27 48.7
440	NGC4559	27 Dec 83	GSPC, LE1, ME	12 33 29	+28 14.3
441	MR2251-179	28 Dec 83	GSPC, LE1, ME	22 51 26	-17 50.9
442	NGC 693	28 Dec 83	GSPC, LE1, ME	01 47 54	+05 54.8
444	EG 187 +	28 Dec 83	GSPC, LE1, ME	12 54 36	+22 18.0
445	NGC3991/4/5	28 Dec 83	GSPC, LE1, ME	11 54 57	+32 37.6
448	NGC4565	29 Dec 83	GSPC, LE1, ME	12 33 52	+26 15.8
453	MKN290	31 Dec 83	GSPC, LE1, ME	15 34 45	+58 04.0
454	MKN474	31 Dec 83	GSPC, LE1, ME	14 33 05	+48 52.7
455	SA57	31 Dec 83	GSPC, LE1, ME	13 06 00	+29 30.0
456	II ZW 1 +	2 Jan 84	LE1, ME	01 19 30	-01 18.0
460	NGC988	3 Jan 84	GSPC, LE1, ME	02 33 00	-09 34.5
461	MKN590	3 Jan 84	GSPC, LE1, ME	02 12 05	+00 59.9



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462	4U2030+40	3 Jan 84	GSPC, ME	20 30 38	+40 47.2
464	3A0729+103	4 Jan 84	GSPC, LE1, ME	07 28 43	+10 02.7
465	NGC 4361	5 Jan 84	GSPC, LE1, ME	12 21 55	-18 30.5
466	A1367	5 Jan 84	GSPC, LE1, ME	11 41 53	+20 06.9
468	3C273	5 Jan 84	GSPC, LE1, ME	12 26 33	+02 19.7
472	3C120	9 Jan 84	GSPC, LE1, ME	04 30 31	+05 15.0
475	NGC4581	10 Jan 84	GSPC, LE1, ME	12 35 36	+01 43.0
477	1928+73	10 Jan 84	GSPC, LE1, ME	19 28 49	+73 51.7
485	E0336-358	13 Jan 84	GSPC, LE1, ME	03 36 54	-35 41.0
486	HD133029A	13 Jan 84	GSPC, LE1, ME	14 58 54	+47 28.0
487	OQ 208	14 Jan 84	GSPC, LE1, ME	14 04 46	+28 41.4
489	1309-057	14 Jan 84	GSPC, LE1, ME	13 09 02	-05 36.1
494	1E1352.2+182	16 Jan 84	GSPC, LE1, ME	13 52 12	+18 20.9
495	HD 124897	17 Jan 84	GSPC, LE1, ME	14 13 23	+19 26.5
498	HD 20630	17 Jan 84	GSPC, LE1, ME	03 16 44	+03 11.3
499	HD 20630 +	18 Jan 84	GSPC, LE1, ME	03 16 44	+03 11.3
500	BE UMA	18 Jan 84	GSPC, LE1, ME	11 55 10	+49 13.0
502	BE UMA	18 Jan 84	GSPC, LE1, ME	11 55 10	+49 13.0
505	BE UMA	19 Jan 84	GSPC, LE1, ME	11 55 10	+49 13.0
506	PKS1103-006	20 Jan 84	GSPC, LE1, ME	11 03 58	+00 36.6
508	NGC4507	22 Jan 84	GSPC, LE1, ME	12 32 54	-39 38.0
509	HD 81799	22 Jan 84	GSPC, LE1, ME	09 25 01	-22 07.4
510	HD 18322	23 Jan 84	GSPC, LE1, ME	02 53 59	-09 05.8
514	4U0316+41	25 Jan 84	GSPC, LE1, ME	03 16 30	+40 50.0
515	NGC 1275	25 Jan 84	GSPC, LE1, ME	03 16 30	+41 20.1
516	3A0316 + 414	26 Jan 84	GSPC, LE1, ME	03 12 50	+41 20.0
517	A426	26 Jan 84	GSPC, LE1, ME	03 16 30	+42 04.9
519	MCG8-11-11	28 Jan 84	GSPC, LE1, ME	05 51 10	+46 25.9
520	MKN348	28 Jan 84	GSPC, LE1, ME	00 46 04	+31 41.0
522	MKN205	28 Jan 84	GSPC, LE1, ME	12 19 34	+75 35.2
523	PKS1136-13	28 Jan 84	GSPC, LE1, ME	11 36 38	-13 34.1
524	2A1348+700	28 Jan 84	GSPC, LE1, ME	13 51 52	+69 33.2
525	PKS1217+23	29 Jan 84	GSPC, LE1, ME	12 17 38	+02 20.3
528	3C273	29 Jan 84	GSPC, LE1, ME	12 26 32	+02 19.4
529	EPS CRA	30 Jan 84	GSPC, LE1, ME	13 55 21	-37 10.4
530	PKS1136-13	30 Jan 84	GSPC, LE1, ME	11 36 39	-13 34.1
532	HD 72905	31 Jan 84	GSPC, LE1, ME	08 34 47	+65 11.7
534	2A1219+305	31 Jan 84	GSPC, LE1, ME	12 18 33	+30 23.4
535	NGC5548	1 Feb 84	GSPC, LE1, ME	14 15 42	+25 22.0
536	MKN421	1 Feb 84	GSPC, LE1, ME	11 01 39	+38 28.0
537	MKN501	1 Feb 84	GSPC, LE1, ME	16 52 13	+39 47.0
539	MKN421	2 Feb 84	GSPC, LE1, ME	11 01 39	+38 28.0
540	2A1219+305	2 Feb 84	GSPC, LE1, ME	12 18 34	+30 23.4
541	MKN501	3 Feb 84	GSPC, LE1, ME	16 52 14	+39 47.0
543	NGC4593	3 Feb 84	GSPC, LE1, ME	12 37 01	-05 04.0
545	MKN421	5 Feb 84	GSPC, LE1, ME	11 01 39	+38 28.0
546	2A1219+305	5 Feb 84	GSPC, LE1, ME	12 18 34	+30 23.4
547	VV PUP	5 Feb 84	GSPC, LE1, ME	08 12 52	-18 53.9
550	MKN501	6 Feb 84	GSPC, LE1, ME	16 52 14	+39 46.9
551	MKN421	7 Feb 84	GSPC, LE1, ME	11 01 40	+38 27.9
552	2A1219+305	7 Feb 84	GSPC, LE1, ME	12 18 34	+30 23.4
553	MKN79	7 Feb 84	GSPC, LE1, ME	07 38 47	+49 55.8
554	0851+202	8 Feb 84	GSPC, LE1, ME	08 51 03	+20 09.4
555	MKN 876	8 Feb 84	GSPC, LE1, ME	16 13 48	+65 50.0
556	0014+81	9 Feb 84	GSPC, LE1, ME	00 14 03	+81 18.4
557	0851+202	9 Feb 84	GSPC, LE1, ME	08 51 03	+20 09.4
560	0851+202	10 Feb 84	GSPC, LE1, LE2, ME	08 51 03	+20 09.4
561	0851+202 +	10 Feb 84	GSPC, LE1, LE2, ME	08 51 07	+20 08.9
563	4C55.16	11 Feb 84	GSPC, LE1, LE2, ME	08 31 04	+55 44.6
570	0754+100	12 Feb 84	GSPC, LE1, ME	07 54 23	+10 04.6
573	4U1322-42	13 Feb 84	GSPC, LE1, ME	13 22 32	-42 45.5
574	3A1431-409	13 Feb 84	GSPC, LE1, ME	14 33 34	-40 59.5

Seq	EXOSAT Name	Date	Instruments	R. A.	Decl.
590	MKN 29845	22 Feb 84	LE1	16 03 22	+17 56.1
596	H1626+01	23 Feb 84	GSPC, LE1, ME	16 23 12	+01 52.1
598	1538+149	24 Feb 84	GSPC, LE1, ME	15 38 31	+14 57.4
600	3C279	25 Feb 84	GSPC, LE1, ME	12 53 35	-05 31.1
604	E0731.4+3158	25 Feb 84	GSPC, LE1, ME	07 31 26	+31 58.7
607	HER 1/2	26 Feb 84	GSPC, LE1, ME	17 15 00	+50 13.0
609	GR 275	27 Feb 84	GSPC, LE1, ME	16 20 30	+26 02.4
610	H1642+11	28 Feb 84	GSPC, LE1, ME	16 41 05	+11 51.0
611	1308+326	28 Feb 84	GSPC, LE1, ME	13 08 08	+32 36.8
617	0615+82	2 Mar 84	GSPC, LE1, ME	06 15 33	+82 03.9
619	1038+52	2 Mar 84	GSPC, LE1, ME	10 38 43	+52 49.3
620	NGC5548	2 Mar 84	GSPC, LE1, ME	14 15 42	+25 22.0
621	I ZW 186	4 Mar 84	GSPC, LE1, ME	17 27 04	+50 15.5
622	0954+55	5 Mar 84	GSPC, LE1, ME	09 54 14	+55 37.2
625	0945+40	6 Mar 84	GSPC, LE1, ME	09 45 50	+40 53.7
627	1308+326	7 Mar 84	GSPC, LE1, ME	13 08 07	+32 36.9
629	AM HER	9 Mar 84	GSPC, LE1, ME	18 14 58	+49 50.9
630	1308+326	9 Mar 84	GSPC, LE1, ME	13 08 08	+32 36.9
633	1308+326	10 Mar 84	GSPC, LE1, ME	13 08 07	+32 36.9
644	HD 99967	13 Mar 84	GSPC, LE1, ME	11 27 42	+46 55.9
646	H1557+08	13 Mar 84	GSPC, LE1, ME	15 56 51	+08 00.5
647	1510+70	14 Mar 84	GSPC, LE1, ME	15 10 11	+70 57.1
650	1053+81	16 Mar 84	GSPC, LE1, ME	10 53 39	+81 30.5
651	1150+81	16 Mar 84	GSPC, LE1, ME	11 50 22	+81 15.1
671	3A1431-409	24 Mar 84	GSPC, LE1, ME	14 33 34	-40 59.5
672	HD65339A	25 Mar 84	GSPC, LE1, ME	07 57 30	+60 28.0
673	MKN40	25 Mar 84	GSPC, LE1, ME	11 22 48	+54 39.4
675	MKN501	26 Mar 84	GSPC, LE1, ME	16 52 12	+39 50.3
677	NGC 31185	27 Mar 84	GSPC, LE1, ME	10 04 17	+33 16.0
680	H1504+65	28 Mar 84	GSPC, LE1, ME	15 01 17	+66 23.9
681	HD133029A	29 Mar 84	GSPC, LE1, ME	14 58 54	+47 28.0
684	MKN79	30 Mar 84	GSPC, LE1, ME	07 38 47	+49 55.8
686	A 1058+45	1 Apr 84	GSPC, LE1, ME	10 58 42	+45 55.5
687	SY CNC	1 Apr 84	GSPC, LE1, ME	08 58 15	+18 06.4
688	H0850+13	1 Apr 84	GSPC, LE1, ME	08 55 46	+12 12.2
699	NGC2992	6 Apr 84	GSPC, LE1, ME	09 43 20	-14 02.2
700	3C382	7 Apr 84	GSPC, ME	18 33 09	+32 38.8
702	E0731.4+3158	7 Apr 84	GSPC, LE1, ME	07 31 25	+31 58.4
703	NGC4151	7 Apr 84	GSPC, LE1, ME	12 08 01	+39 41.5
707	NGC4051	8 Apr 84	GSPC, LE1, ME	12 00 37	+44 49.3
710	M82	10 Apr 84	GSPC, LE1, ME	09 50 30	+69 54.9
713	AN UMA	11 Apr 84	GSPC, LE1, ME	11 01 35	+45 19.4
717	4C05.38	13 Apr 84	GSPC, LE1, ME	09 11 24	+05 19.4
719	HD 32918	15 Apr 84	GSPC, LE1, ME	04 59 45	-75 21.3
727	PG1717+413	18 Apr 84	GSPC, LE1, ME	17 17 03	+41 18.8
729	NGC4151	19 Apr 84	GSPC, LE1, ME	12 08 03	+39 40.9
730	ESO103-G35	20 Apr 84	GSPC, LE1, ME	18 57 15	-65 53.7
731	ESO103-G35	20 Apr 84	GSPC, LE1, ME	18 33 17	-65 28.6
732	ESO103-G35	20 Apr 84	GSPC, LE1, ME	18 10 17	-64 49.9
734	NGC3991/4/5	21 Apr 84	GSPC, LE1, ME	11 54 59	+32 37.6
736	0851+202	21 Apr 84	GSPC, LE1, ME	08 52 26	+20 25.2
759	1510+70	7 May 84	GSPC, LE1, ME	15 10 11	+70 57.1
763	3C 382	9 May 84	GSPC, LE1, ME	18 33 12	+32 39.2
769	PHL1657	13 May 84	GSPC, LE1, ME	21 34 59	-14 46.3
772	PKS2126-158	14 May 84	GSPC, LE1, ME	21 26 25	-15 51.8
773	PKS1217+23	15 May 84	GSPC, LE1, ME	12 17 38	+02 20.1
776	TT BOO	16 May 84	GSPC, LE1, ME	14 55 53	+40 56.0
777	3C273	17 May 84	GSPC, LE1, ME	12 26 33	+02 19.8
784	1418+546	18 May 84	GSPC, LE1, ME	14 18 08	+54 37.1
785	1418+546	19 May 84	GSPC, LE1, ME	14 18 06	+54 37.1
787	PKS2135-147	19 May 84	GSPC, LE1, ME	21 34 58	-14 46.4
788	1418+546	20 May 84	GSPC, LE1, ME	14 18 06	+54 36.4

Seq	EXOSAT Name	Date	Instruments	R. A.	Decl.
789	NGC5548	20 May 84	GSPC, LE1, ME	14 15 42	+25 21.4
790	TT BOO	21 May 84	GSPC, LE1, ME	14 55 53	+40 56.0
792	4U2030+40	21 May 84	GSPC, ME	20 30 35	+40 47.1
793	NGC5055	21 May 84	GSPC, LE1, ME	13 13 36	+42 17.4
798	N4102	23 May 84	GSPC, LE1, ME	12 03 52	+53 00.1
800	HD 206860	24 May 84	GSPC, LE1, ME	21 42 06	+14 31.9
807	VIRGO D	28 May 84	GSPC, ME	12 23 25	+10 55.4
808	VIRGO D +	28 May 84	GSPC, ME	12 24 28	+10 46.8
809	VIRGO C	28 May 84	GSPC, LE1, ME	12 26 21	+11 23.7
810	VIRGO B	28 May 84	GSPC, LE1, ME	12 27 35	+11 54.7
811	VIRGO A	28 May 84	GSPC, LE1, ME	12 28 44	+12 36.2
812	VIRGO B'	28 May 84	GSPC, LE1, ME	12 25 25	+13 04.6
813	VIRGO C'	29 May 84	GSPC, LE1, ME	12 22 18	+13 31.5
814	VIRGO D'	29 May 84	GSPC, LE1, ME	12 20 05	+13 50.0
817	1156+295	31 May 84	GSPC, LE1, ME	11 56 57	+29 31.4
819	AM HER	31 May 84	GSPC, LE1, ME	18 14 58	+49 50.4
820	2223-052	1 Jun 84	GSPC, LE1, ME	22 23 08	-05 12.7
822	NGC6814	1 Jun 84	GSPC, LE1, ME	19 39 54	-10 26.9
823	3C 390.3	1 Jun 84	GSPC, LE1, ME	18 45 37	+79 42.6
826	1207+39	2 Jun 84	GSPC, LE1, ME	12 08 02	+39 41.0
827	NGC4593	2 Jun 84	GSPC, LE1, ME	12 37 06	-05 04.2
831	GP COM	3 Jun 84	GSPC, LE1, ME	13 03 15	+18 17.1
832	NGC 4278	4 Jun 84	GSPC, LE1, ME	12 17 35	+29 33.6
838	3C 445	7 Jun 84	GSPC, LE1, ME	22 21 15	-02 21.2
844	CENTAURUS-A	9 Jun 84	GSPC, LE1, ME	13 22 30	-42 45.6
846	NGC 7582	10 Jun 84	GSPC, LE1, ME	23 15 31	-42 37.8
847	SERSIC159-03	10 Jun 84	GSPC, LE1, ME	23 11 16	-42 59.8
849	NGC3783	11 Jun 84	GSPC, LE1, ME	11 36 34	-37 27.5
850	CYGNUS X-3 +	12 Jun 84	GSPC, LE1, ME	20 30 38	+40 47.3
852	CYGNUS X-3	14 Jun 84	GSPC, LE1, ME	20 30 39	+40 47.0
854	PG1159-035	15 Jun 84	GSPC, LE1, ME	11 58 58	-03 29.8
855	CYGNUS X-3 +	16 Jun 84	GSPC, LE1, ME	20 30 38	+40 47.3
857	PKS0637-75	17 Jun 84	GSPC, LE1, ME	06 37 21	-75 13.2
859	A 2589	19 Jun 84	GSPC, LE1, ME	23 21 23	+16 32.6
862	1308-326	21 Jun 84	GSPC, LE1, ME	13 08 09	+32 37.0
869	LT 5	27 Jun 84	GSPC, LE1, ME	12 53 10	+26 09.6
873	3C273	29 Jun 84	GSPC, LE1, ME	12 26 34	+02 19.4
874	3C273	29 Jun 84	GSPC, ME	12 26 33	+02 19.0
875	I ZW 186	29 Jun 84	GSPC, LE1, ME	17 27 02	+50 15.2
878	NGC 4593	1 Jul 84	GSPC, LE1, ME	12 37 05	-05 04.6
881	MKN 501	1 Jul 84	GSPC, LE1, ME	16 52 10	+39 50.0
882	ME CAL	2 Jul 84	GSPC, LE1, ME	23 00 42	+08 36.7
883	AM HER	2 Jul 84	GSPC, LE1, ME	18 14 55	+49 50.6
884	AM HER	3 Jul 84	GSPC, ME	18 14 54	+49 51.1
889	ME CAL	7 Jul 84	GSPC, LE1, ME	23 00 44	+08 36.8
891	KOHOUTEK 1-16	8 Jul 84	GSPC, LE1, ME	18 21 33	+64 20.1
895	ME CAL	9 Jul 84	GSPC, LE1, ME	23 00 42	+08 36.3
898	MKN 501	10 Jul 84	GSPC, LE1, ME	16 52 11	+39 50.0
900	ME CAL	10 Jul 84	GSPC, LE1, ME	23 00 42	+08 36.3
901	MR2251-179	11 Jul 84	GSPC, LE1, ME	22 51 24	-17 50.7
907	NGC 5548	12 Jul 84	GSPC, LE1, ME	14 15 43	+25 22.2
908	DEEP FIELD	13 Jul 84	GSPC, LE1, ME	15 00 47	+10 49.4
912	PG 0026+129	16 Jul 84	GSPC, LE1, ME	00 26 37	+12 59.1
918	I ZW I	18 Jul 84	GSPC, LE1, ME	00 50 57	+12 25.7
920	MKN 501	19 Jul 84	GSPC, LE1, ME	16 52 10	+39 50.0
923	IC 4329 A	19 Jul 84	GSPC, LE1, ME	13 46 27	-30 04.1
924	MCG6-30-15	21 Jul 84	GSPC, LE1, ME	13 33 01	-34 02.8
925	H1846-786	21 Jul 84	GSPC, LE1, ME	18 46 08	-78 36.1
926	MKN 1152	22 Jul 84	GSPC, LE1, ME	01 11 21	-15 06.1
927	HD 200723	23 Jul 84	GSPC, LE1, ME	21 02 00	+41 25.5
930	A98	24 Jul 84	GSPC, LE1, ME	00 43 44	+20 14.7
932	MKN 501	26 Jul 84	GSPC, LE1, ME	16 52 15	+39 46.9

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935	A2199	27 Jul 84	GSPC, LE1, ME	16 26 54	+39 39.7
936	4C 50.44	27 Jul 84	GSPC, LE1, ME	18 17 50	+50 29.7
937	3C47	27 Jul 84	GSPC, LE1, ME	01 33 40	+20 42.3
938	MKN 501	27 Jul 84	GSPC, LE1, ME	16 52 11	+39 50.4
939	4C 7.38	28 Jul 84	GSPC, LE1, ME	14 44 02	+07 41.6
942	CENTAURUS-A	29 Jul 84	GSPC, LE1, ME	13 22 32	-42 45.7
948	0235+164	1 Aug 84	GSPC, LE1, ME	02 35 51	+16 24.1
949	4U2030+40	1 Aug 84	GSPC, ME	20 30 37	+40 46.9
950	AM HER	1 Aug 84	GSPC, LE1, ME	18 14 58	+49 50.6
952	A 2315	2 Aug 84	GSPC, LE1, ME	19 01 09	+69 52.7
954	PKS1510-089	4 Aug 84	GSPC, LE1, ME	15 10 09	-08 55.1
978	LE BACK CAL	18 Aug 84	LE1, ME	01 04 13	+31 53.7
984	HD6903	22 Aug 84	GSPC, LE1, ME	01 07 07	+19 23.4
991	NGC 1566	24 Aug 84	GSPC, LE1, ME	04 18 53	-55 03.4
994	GL 649	25 Aug 84	GSPC, LE1, ME	16 56 04	+25 49.5
995	2S1543-624	25 Aug 84	GSPC, LE1, ME	15 43 29	-62 24.9
1009	AM HER	2 Sep 84	GSPC, LE1, ME	18 14 58	+49 50.9
1012	CYG X-3	3 Sep 84	GSPC, ME	20 30 21	+40 47.5
1015	CYG X-3	4 Sep 84	GSPC, ME	20 30 21	+40 47.4
1018	3C 120	6 Sep 84	GSPC, LE1, ME	04 30 39	+05 16.8
1027	PKS0637-75	8 Sep 84	GSPC, LE1, ME	06 37 44	-75 11.3
1028	1H0414+009	9 Sep 84	GSPC, LE1, ME	04 14 24	+00 59.8
1031	PKS2005-489	10 Sep 84	GSPC, LE1, ME	20 05 42	-49 01.0
1032	H0416-12	10 Sep 84	GSPC, LE1, ME	04 16 14	-12 16.9
1037	3C 371	11 Sep 84	GSPC, LE1, ME	18 06 53	+69 47.7
1041	1H0414+009	15 Sep 84	GSPC, LE1, ME	04 14 25	+00 59.7
1043	NGC 1129	15 Sep 84	GSPC, LE1, ME	02 51 23	+41 25.4
1046	3C390.3	16 Sep 84	GSPC, LE1, ME	18 44 42	+79 42.0
1047	MKN 1040	16 Sep 84	GSPC, LE1, ME	02 25 21	+31 07.8
1048	4U2030+40	17 Sep 84	GSPC, ME	20 30 24	+40 46.5
1049	H1829-591	18 Sep 84	GSPC, LE1, ME	18 35 49	-59 16.6
1050	H1829-591	18 Sep 84	GSPC, LE1, ME	18 21 00	-59 24.2
1051	H1829-591	18 Sep 84	GSPC, LE1, ME	18 28 45	-59 21.2
1052	H1829-591	18 Sep 84	GSPC, LE1, ME	18 19 44	-59 40.8
1055	CD-42	19 Sep 84	GSPC, LE1, ME	19 44 06	-42 09.8
1061	0335+096	20 Sep 84	GSPC, LE1, ME	03 36 04	+09 50.2
1062	H0323+022	21 Sep 84	LE1, ME	03 23 46	+02 16.3
1065	BETA HYDRI	22 Sep 84	GSPC, LE1, ME	00 25 36	-77 22.3
1066	1H0414+009	22 Sep 84	GSPC, LE1, ME	04 14 26	+00 59.5
1069	H0323+022	23 Sep 84	GSPC, LE1, ME	03 23 46	+02 16.3
1082	CYG X-3	29 Sep 84	GSPC, ME	20 30 24	+40 46.1
1083	AM HER	29 Sep 84	GSPC, LE1, ME	18 14 46	+49 49.3
1088	3C 371	30 Sep 84	GSPC, LE1, ME	18 06 58	+69 46.8
1089	1H0414+009	1 Oct 84	GSPC, LE1, ME	04 14 26	+00 59.5
1096	3C120	3 Oct 84	GSPC, LE1, ME	04 30 07	+05 16.8
1097	A 478	3 Oct 84	GSPC, LE1, ME	04 10 48	+10 22.3
1098	NGC 1566	4 Oct 84	GSPC, LE1, ME	04 19 12	-55 02.8
1099	3C120	4 Oct 84	GSPC, LE1, ME	04 30 07	+05 16.8
1103	3C 120	4 Oct 84	GSPC, LE1, ME	04 30 40	+05 16.8
1105	MCG 8-11-11	5 Oct 84	GSPC, LE1, ME	05 51 20	+46 27.4
1107	3C120	6 Oct 84	GSPC, LE1, ME	04 30 07	+05 17.1
1115	3C120	10 Oct 84	GSPC, LE1, ME	04 30 06	+05 17.2
1119	0338-54	12 Oct 84	GSPC, LE1, ME	03 38 27	-54 19.4
1120	3C120	13 Oct 84	GSPC, LE1, ME	04 30 06	+05 17.2
1121	1921-293	13 Oct 84	GSPC, LE1, ME	19 21 35	-29 22.9
1122	1921-293	14 Oct 84	GSPC, LE1, ME	19 21 34	-29 22.7
1123	PKS2005-489	14 Oct 84	GSPC, LE1, ME	20 05 39	-49 01.2
1124	NGC6814	14 Oct 84	GSPC, LE1, ME	19 39 49	-10 29.0
1125	1921-293	15 Oct 84	GSPC, LE1, ME	19 21 34	-29 22.6
1131	FAIRALL -9	18 Oct 84	GSPC, LE1, ME	01 22 05	-59 05.9
1132	PKS0558-504	18 Oct 84	GSPC, LE1, ME	05 58 51	-50 26.5
1135	MR 2251-178	18 Oct 84	GSPC, LE1, ME	22 51 20	-17 53.3

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1137	FAIRALL-9	19 Oct 84	GSPC, LE1, ME	01 22 05	-59 05.9
1142	FAIRALL-9	21 Oct 84	GSPC, LE1, ME	01 22 05	-59 05.9
1145	FAIRALL-9	22 Oct 84	GSPC, LE1, ME	01 22 05	-59 05.9
1147	H0453-75	23 Oct 84	GSPC, LE1, ME	04 48 08	-74 59.2
1153	FAIRALL-9	26 Oct 84	GSPC, LE1, ME	01 22 05	-59 05.9
1155	2223-052	26 Oct 84	GSPC, LE1, ME	22 23 05	-05 14.9
1157	MR 2251-178	27 Oct 84	GSPC, LE1, ME	22 51 23	-17 53.6
1159	AM HER	28 Oct 84	GSPC, LE1, ME	18 14 54	+49 48.1
1163	MKN 86	30 Oct 84	GSPC, LE1, ME	08 09 54	+46 09.7
1165	PG 0834+488	30 Oct 84	GSPC, LE1, ME	08 35 00	+48 49.7
1169	NGC 1566	31 Oct 84	GSPC, LE1, ME	04 19 09	-55 04.1
1173	MGC 8-11-11	1 Nov 84	GSPC, LE1, ME	05 51 18	+46 28.3
1175	MR 2251-178	2 Nov 84	GSPC, LE1, ME	22 51 21	-17 54.0
1178	MKN180	3 Nov 84	GSPC, LE1, ME	11 31 09	+70 25.3
1182	NGC2110	5 Nov 84	GSPC, LE1, ME	05 49 59	-07 16.9
1184	MR 374	5 Nov 84	GSPC, LE1, ME	06 55 46	+54 18.7
1185	IH2236-372	6 Nov 84	GSPC, LE1, ME	22 30 44	-37 35.6
1187	PKS2155-304	6 Nov 84	GSPC, LE1, ME	21 55 52	-30 30.9
1189	NGC7213	7 Nov 84	GSPC, LE1, ME	22 06 07	-47 28.0
1190	PKS2155-304	7 Nov 84	GSPC, LE1, ME	21 55 52	-30 30.9
1192	S50014+81	9 Nov 84	GSPC, LE1, ME	00 13 05	+81 18.7
1194	IH 1013+498	10 Nov 84	GSPC, LE1, ME	10 17 40	+49 34.8
1196	NGC7314	11 Nov 84	GSPC, LE1, ME	22 32 57	-26 20.0
1197	MR 2251-178	12 Nov 84	GSPC, LE1, ME	22 51 22	-17 52.9
1198	PKS2155-304	12 Nov 84	GSPC, LE1, ME	21 55 53	-30 29.8
1200	G78.2+2.1	13 Nov 84	GSPC, LE1, ME	20 21 24	+40 13.8
1201	MKN180	13 Nov 84	GSPC, LE1, ME	11 30 58	+70 25.7
1202	3C263	14 Nov 84	GSPC, ME	11 37 32	+66 04.6
1206	YY GEM	15 Nov 84	GSPC, LE1, ME	07 31 34	+32 00.3
1207	YY GEM +	15 Nov 84	GSPC, LE1, ME	07 31 38	+32 00.2
1208	YY GEM +	15 Nov 84	GSPC, LE1, ME	07 31 46	+32 00.2
1209	YY GEM +	15 Nov 84	GSPC, LE1, ME	07 31 54	+32 00.2
1211	MCG2-58-22	16 Nov 84	GSPC, LE1, ME	23 02 05	-08 59.9
1212	II ZW 136	16 Nov 84	GSPC, LE1, ME	21 29 58	+09 52.3
1216	MCG 2-58-22	17 Nov 84	GSPC, LE1, ME	23 02 04	-08 59.6
1220	MKN180	20 Nov 84	GSPC, LE1, ME	11 31 03	+70 25.9
1221	MR 2251-178	20 Nov 84	GSPC, LE1, ME	22 51 20	-17 53.4
1222	MCG 2-58-22	20 Nov 84	GSPC, LE1, ME	23 02 00	-08 59.5
1224	GL 388	21 Nov 84	GSPC, LE1, ME	10 17 05	+20 08.2
1225	1053+70	21 Nov 84	GSPC, LE1, ME	10 54 00	+70 28.7
1226	MCG 2-58-22	23 Nov 84	GSPC, LE1, ME	23 02 00	-08 59.5
1234	MCG 2-58-22	25 Nov 84	GSPC, LE1, ME	23 02 01	-08 59.4
1237	LB 1663	26 Nov 84	GSPC, LE1, ME	03 23 57	-54 45.7
1238	FAIRALL 9	26 Nov 84	GSPC, LE1, ME	01 21 52	-59 06.6
1239	A119	27 Nov 84	GSPC, LE1, ME	00 53 44	-01 34.4
1240	FEIGE 108	27 Nov 84	GSPC, LE1, ME	23 13 31	-02 09.3
1241	MCG 2-58-22	27 Nov 84	GSPC, LE1, ME	23 02 01	-08 59.3
1242	MR 2251-178	28 Nov 84	GSPC, LE1, ME	22 51 23	-17 53.4
1243	NGC7469	28 Nov 84	GSPC, LE1, ME	23 00 40	+08 33.7
1244	MKN180	29 Nov 84	GSPC, LE1, ME	11 33 41	+70 28.5
1250	PG 0956+35	29 Nov 84	GSPC, LE1, ME	09 56 10	+35 55.6
1252	A 1318	30 Nov 84	GSPC, LE1, ME	11 33 58	+55 16.2
1253	PG 1210+533	30 Nov 84	GSPC, LE1, ME	12 11 11	+53 21.5
1256	MKN 421	2 Dec 84	GSPC, LE1, ME	11 01 55	+38 29.7
1257	NGC 2992	2 Dec 84	GSPC, LE1, ME	09 43 29	-14 04.7
1258	RW SEX	3 Dec 84	GSPC, LE1, ME	10 17 38	-08 25.8
1260	MKN 421	3 Dec 84	GSPC, LE1, ME	11 01 55	+38 29.8
1263	MKN 421	5 Dec 84	GSPC, LE1, ME	11 01 50	+38 29.7
1265	MKN335	7 Dec 84	GSPC, LE1, ME	00 03 41	+19 53.5
1269	OJ 287	10 Dec 84	GSPC, LE1, ME	08 52 05	+20 19.0
1271	NGC 2992	10 Dec 84	GSPC, LE1, ME	09 43 26	-14 05.1
1273	OJ 287	11 Dec 84	GSPC, LE1, ME	08 52 05	+20 19.0

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1274	1156+295	12 Dec 84	GSPC, LE1, ME	11 57 07	+29 34.0
1277	PG 1034+001	13 Dec 84	GSPC, LE1, ME	10 34 39	+00 08.6
1278	3C263	13 Dec 84	GSPC, LE1, ME	11 37 29	+66 06.2
1279	GD 323	13 Dec 84	GSPC, LE1, ME	13 02 50	+59 44.5
1281	1826+79	14 Dec 84	GSPC, LE1, ME	18 27 21	+79 34.7
1282	PHL909	14 Dec 84	GSPC, LE1, ME	00 54 28	+14 27.3
1284	3A 0557-383	15 Dec 84	GSPC, LE1, ME	05 56 33	-38 21.6
1285	NGC 4151	16 Dec 84	GSPC, LE1, ME	12 08 13	+39 42.2
1286	H0917-074	16 Dec 84	GSPC, LE1, ME	09 20 48	-07 48.0
1287	H0917-074	16 Dec 84	GSPC, LE1, ME	09 13 12	-07 05.9
1288	H0917-074	16 Dec 84	GSPC, LE1, ME	09 17 11	-07 26.0
1289	3A0234-526	17 Dec 84	GSPC, LE1, ME	02 36 43	-52 27.3
1295	NGC 2992	18 Dec 84	GSPC, LE1, ME	09 43 28	-14 04.8
1297	NGC 4151	19 Dec 84	GSPC, LE1, ME	12 08 13	+39 42.3
1302	2A1219+305	22 Dec 84	GSPC, LE1, ME	12 19 04	+30 27.7
1304	NGC 4151	23 Dec 84	GSPC, LE1, ME	12 08 10	+39 42.8
1305	NGC526A	23 Dec 84	GSPC, LE1, ME	01 21 54	-35 20.4
1308	NGC 2992	25 Dec 84	GSPC, LE1, ME	09 43 27	-14 05.2
1309	NGC 4151	25 Dec 84	GSPC, LE1, ME	12 08 12	+39 42.1
1310	COMA CLUSTER	25 Dec 84	GSPC, LE1, ME	13 00 58	+28 11.3
1311	COMA CLUSTER	25 Dec 84	GSPC, LE1, ME	12 57 29	+28 11.4
1312	COMA CLUSTER	26 Dec 84	GSPC, LE1, ME	12 54 00	+28 11.4
1313	COMA CLUSTER	26 Dec 84	GSPC, LE1, ME	12 57 29	+27 29.4
1314	M87	26 Dec 84	GSPC, LE1, ME	12 28 56	+12 41.1
1315	M87 +	27 Dec 84	GSPC, LE1, ME	12 28 56	+12 41.1
1318	0740+76	28 Dec 84	GSPC, LE1, ME	07 40 04	+76 48.8
1319	NGC 4151	28 Dec 84	GSPC, LE1, ME	12 08 11	+39 42.4
1322	NGC 2992	30 Dec 84	GSPC, LE1, ME	09 43 27	-14 05.1
1325	NGC 4151	2 Jan 85	GSPC, LE1, ME	12 07 49	+39 43.0
1328	MKN 421	4 Jan 85	GSPC, LE1, ME	11 01 27	+38 28.9
1330	NGC 3783	5 Jan 85	GSPC, LE1, ME	11 36 42	-37 29.7
1331	2A1219+305	5 Jan 85	GSPC, LE1, ME	12 18 41	+30 28.6
1334	PG 1346+082	6 Jan 85	GSPC, LE1, ME	13 46 26	+08 12.4
1335	NGC 2992	6 Jan 85	GSPC, LE1, ME	09 43 13	-14 08.2
1338	NGC 1068	9 Jan 85	GSPC, LE1, ME	02 39 58	+00 15.7
1343	44 BOO	11 Jan 85	GSPC, LE1, ME	15 02 07	+47 53.9
1344	RZ LEO	13 Jan 85	GSPC, LE1, ME	11 34 48	+02 06.0
1346	IH1430+423	13 Jan 85	GSPC, LE1, ME	14 26 36	+42 56.1
1348	0317+18	14 Jan 85	GSPC, LE1, ME	03 16 54	+18 33.4
1349	NGC5548	14 Jan 85	GSPC, LE1, ME	14 15 44	+25 24.3
1351	4U1530-44 FIRST	15 Jan 85	ME	15 30 57	-44 15.8
1353	3A1346+2.59	17 Jan 85	GSPC, LE1, ME	13 46 48	+26 51.4
1354	3A1346+2.59 +	17 Jan 85	GSPC, LE1, ME	13 46 43	+26 51.4
1358	2A1219+305	20 Jan 85	GSPC, LE1, ME	12 19 01	+30 29.1
1359	HZ43	20 Jan 85	GSPC, LE1, ME	13 14 10	+29 23.4
1360	HZ43	20 Jan 85	GSPC, LE1, ME	13 14 00	+29 22.0
1361	HZ43	20 Jan 85	GSPC, LE1, ME	13 14 04	+29 22.2
1362	HZ43	20 Jan 85	GSPC, LE1, ME	13 14 00	+29 24.1
1363	PERSEUS EAST	20 Jan 85	GSPC, LE1, ME	03 19 01	+41 17.7
1364	NGC1275	22 Jan 85	GSPC, LE1, ME	03 16 21	+41 17.7
1367	A 1837	24 Jan 85	GSPC, LE1, ME	13 59 17	-10 54.4
1368	H0323+022	24 Jan 85	GSPC, LE1, ME	03 23 33	+02 11.8
1369	AKN120	25 Jan 85	GSPC, LE1, ME	05 13 34	+00 15.2
1372	H0323+022	26 Jan 85	GSPC, LE1, ME	03 23 33	+02 11.8
1373	0235+164	26 Jan 85	GSPC, LE1, ME	02 35 48	+16 21.5
1375	NGC 4151	28 Jan 85	GSPC, LE1, ME	12 08 26	+39 43.4
1376	2A1219+305	29 Jan 85	GSPC, LE1, ME	12 18 52	+30 27.2
1378	PG1346+082	31 Jan 85	GSPC, LE1, ME	13 46 36	+08 13.9
1380	3C273	1 Feb 85	GSPC, LE1, ME	12 26 41	+02 20.3
1382	3C390.3	2 Feb 85	GSPC, LE1, ME	18 47 01	+79 59.4
1383	3C390.3 +	2 Feb 85	GSPC, LE1, ME	18 46 45	+79 42.7
1385	1308+326	3 Feb 85	GSPC, LE1, ME	13 08 14	+32 39.1

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1386	PKS0537-441	5 Feb 85	GSPC, LE1, ME	05 37 21	-44 06.7
1387	MKN 478	5 Feb 85	GSPC, LE1, ME	14 40 13	+35 41.1
1393	0317+18	9 Feb 85	GSPC, LE1, ME	03 16 53	+18 32.9
1396	GL 494	10 Feb 85	GSPC, LE1, ME	12 59 49	+12 40.2
1403	3C120	13 Feb 85	GSPC, LE1, ME	04 29 52	+05 12.9
1404	EXO0748-674	15 Feb 85	GSPC, LE1, ME	07 51 07	-67 41.5
1405	EXO0748-674 +	15 Feb 85	GSPC, LE1, ME	07 48 26	-67 37.3
1410	IH 0422-086	17 Feb 85	GSPC, LE1, ME	04 23 12	-08 44.2
1411	EXO 0748 -676	19 Feb 85	GSPC, LE1, ME	07 48 24	-67 37.3
1417	NGC 3783	23 Feb 85	GSPC, LE1, ME	11 36 45	-37 28.7
1419	MKN376	24 Feb 85	GSPC, LE1, ME	07 10 21	+45 46.4
1420	PKS0537-44	25 Feb 85	GSPC, LE1, ME	05 37 21	-44 06.7
1421	1H 1430+423	25 Feb 85	GSPC, LE1, ME	14 30 11	+42 23.4
1422	1H 1430+423 +	25 Feb 85	GSPC, LE1, ME	14 27 14	+42 49.6
1425	EXO 0748-674	26 Feb 85	GSPC, LE1, ME	07 53 10	-67 57.3
1426	EXO 0748-67	26 Feb 85	GSPC, LE1, ME	07 48 24	-67 37.3
1433	NGC5548	3 Mar 85	GSPC, LE1, ME	14 15 46	+25 24.4
1434	PG 1711+336	3 Mar 85	GSPC, LE1, ME	17 11 15	+33 36.7
1435	PG 1711+336 +	3 Mar 85	GSPC, LE1, ME	16 59 12	+33 42.0
1436	HD 109387	3 Mar 85	GSPC, LE1, ME	12 31 07	+70 06.2
1446	A2052	10 Mar 85	GSPC, LE1, ME	15 14 26	+07 13.7
1447	EXO 0748-676	11 Mar 85	GSPC, LE1, ME	07 48 40	-67 39.6
1458	4U1700+24	15 Mar 85	GSPC, LE1, ME	17 04 35	+24 04.5
1459	AG DRACONIS	15 Mar 85	GSPC, LE1, ME	16 01 50	+66 57.1
1461	PG0804+761	17 Mar 85	GSPC, LE1, ME	08 03 42	+76 10.8
1463	MKN 86	17 Mar 85	GSPC, LE1, ME	08 09 25	+46 07.4
1464	MCG 8-11-11	19 Mar 85	GSPC, LE1, ME	05 50 57	+46 23.1
1469	1235+63	21 Mar 85	GSPC, LE1, ME	12 35 14	+63 17.8
1470	ALPHA CrB	23 Mar 85	GSPC, LE1, ME	15 32 39	+26 55.2
1478	EXO0748-674	28 Mar 85	GSPC, LE1, ME	07 48 49	-67 41.8
1491	BD +61 1211	4 Apr 85	GSPC, LE1, ME	10 52 13	+60 44.7
1492	MKN180	4 Apr 85	GSPC, LE1, ME	11 32 59	+70 26.5
1499	EXO0748-674	8 Apr 85	GSPC, LE1, ME	07 48 23	-67 41.3
1500	MKN501	9 Apr 85	GSPC, LE1, ME	16 52 16	+39 52.6
1503	3A0729+103	10 Apr 85	GSPC, LE1, ME	07 28 35	+10 01.5
1505	IRAS1833+326	11 Apr 85	GSPC, LE1, ME	18 33 19	+32 41.2
1506	IRAS1833+326	12 Apr 85	GSPC, LE1, ME	18 33 17	+32 41.9
1511	ESO 140-G43	16 Apr 85	GSPC, LE1, ME	18 40 32	-62 22.9
1515	ESO 012-G21	19 Apr 85	GSPC, LE1, ME	00 38 48	-79 28.1
1518	IRAS1833+326	20 Apr 85	GSPC, LE1, ME	18 33 19	+32 41.8
1519	IRAS1833+326	20 Apr 85	GSPC, LE1, ME	18 33 17	+32 41.5
1524	PG0844+349	22 Apr 85	GSPC, LE1, ME	08 44 22	+34 55.0
1525	NGC 4151	22 Apr 85	GSPC, LE1, ME	12 07 48	+39 42.2
1526	MKN 421	22 Apr 85	GSPC, LE1, ME	11 01 27	+38 28.6
1535	AN UMA	26 Apr 85	LE1	11 01 46	+45 22.0
1536	1156+295	26 Apr 85	LE1	11 56 42	+29 31.6
1537	IRAS1833+326	26 Apr 85	GSPC, LE1, ME	18 33 17	+32 42.1
1538	3C382	27 Apr 85	GSPC, LE1, ME	18 33 16	+32 41.4
1539	PG 1700+518	27 Apr 85	GSPC, LE1, ME	17 00 12	+51 56.0
1540	NGC 4151	28 Apr 85	GSPC, LE1, ME	12 07 48	+39 42.0
1541	MKN 421	28 Apr 85	GSPC, LE1, ME	11 01 28	+38 28.5
1547	1308+326	2 May 85	GSPC, LE1, ME	13 07 54	+32 37.5
1553	ESO 103-G35	5 May 85	GSPC, LE1, ME	18 33 46	-65 26.8
1557	MKN 421	6 May 85	GSPC, LE1, ME	11 01 25	+38 27.8
1559	1156+295	7 May 85	GSPC, LE1, ME	11 56 42	+29 30.9
1560	NGC 4151	8 May 85	GSPC, LE1, ME	12 07 44	+39 41.3
1561	NGC 4151	8 May 85	GSPC, LE1, ME	12 07 47	+39 41.1
1562	PG0923+129	9 May 85	GSPC, LE1, ME	09 23 11	+12 55.5
1570	NGC 3227	11 May 85	GSPC, LE1, ME	10 20 37	+20 05.6
1571	ON 325	11 May 85	GSPC, LE1, ME	12 15 29	+30 25.8
1572	ON 325 +	11 May 85	GSPC, LE1, ME	12 16 25	+30 12.4
1573	MKN 421	11 May 85	GSPC, LE1, ME	11 01 28	+38 27.6

Seq	EXOSAT Name	Date	Instruments	R. A.	Decl.
1574	MKN 421	13 May 85	GSPC, LE1, ME	11 01 28	+38 27.8
1575	1308+326	13 May 85	GSPC, LE1, ME	13 07 55	+32 37.1
1576	NGC 4051	14 May 85	GSPC, LE1, ME	12 00 21	+44 48.4
1579	M51	16 May 85	GSPC, LE1, ME	13 27 57	+47 29.1
1580	NGC 4151	16 May 85	GSPC, LE1, ME	12 07 47	+39 41.2
1581	NGC 4151	17 May 85	GSPC, LE1, ME	12 07 48	+39 41.1
1582	1156+295	17 May 85	GSPC, LE1, ME	11 56 46	+29 30.7
1583	KOHOUTEK 1-16	18 May 85	GSPC, LE1, ME	18 21 30	+64 22.8
1585	3C273	19 May 85	GSPC, LE1, ME	12 26 24	+02 18.4
1590	PG 1159-035	20 May 85	GSPC, LE1, ME	11 59 01	-03 29.9
1591	MKN 421	21 May 85	GSPC, LE1, ME	11 01 26	+38 27.7
1594	NGC 4151	23 May 85	GSPC, LE1, ME	12 07 45	+39 41.1
1595	1156+295	23 May 85	GSPC, LE1, ME	11 56 46	+29 30.5
1596	CH CYG	24 May 85	GSPC, LE1, ME	19 23 29	+50 07.0
1598	PKS 2005-489	25 May 85	GSPC, LE1, ME	20 05 57	-48 57.0
1601	IRAS1833+326	28 May 85	GSPC, ME	18 33 08	+32 41.6
1602	IRAS1833+326	28 May 85	GSPC, ME	18 33 09	+32 41.5
1604	2223-052	29 May 85	GSPC, LE1, ME	22 23 13	-05 10.2
1607	ERROR BOX	30 May 85	GSPC, LE1, ME	12 16 15	+47 03.3
1608	1308+326	30 May 85	GSPC, LE1, ME	13 07 57	+32 36.7
1609	1156+295	31 May 85	GSPC, LE1, ME	11 56 47	+29 30.7
1611	NGC 4151	31 May 85	GSPC, LE1, ME	12 07 49	+39 40.9
1613	EXO 0748-676	2 Jun 85	GSPC, LE1, ME	07 47 28	-67 36.1
1617	IRAS1833+326	2 Jun 85	GSPC, LE1, ME	18 33 07	+32 42.1
1619	ERROR BOX	3 Jun 85	GSPC, LE1, ME	14 22 36	+48 11.5
1620	1156+295	3 Jun 85	GSPC, LE1, ME	11 56 44	+29 30.3
1624	AC DRACONIS	5 Jun 85	GSPC, LE1, ME	16 01 03	+66 58.1
1627	2223-052	6 Jun 85	GSPC, LE1, ME	22 23 15	-05 10.0
1628	1156+295	7 Jun 85	GSPC, LE1, ME	11 56 44	+29 30.8
1629	PG1229+204	8 Jun 85	GSPC, LE1, ME	12 29 21	+20 25.8
1630	NGC5548	8 Jun 85	GSPC, LE1, ME	14 15 30	+25 22.5
1632	E1821+643	10 Jun 85	GSPC, LE1, ME	18 21 36	+64 22.0
1633	3C382	11 Jun 85	GSPC, LE1, ME	18 33 09	+32 41.8
1637	DRACO NEBULA	13 Jun 85	GSPC, LE1, ME	16 49 38	+61 03.2
1639	1308+326	14 Jun 85	GSPC, LE1, ME	13 07 55	+32 35.7
1640	PG1211+143	14 Jun 85	GSPC, LE1, ME	12 11 34	+14 18.3
1641	2223-052	14 Jun 85	GSPC, LE1, ME	22 23 11	-05 09.6
1647	RS CVN	16 Jun 85	GSPC, LE1, ME	13 08 08	+36 11.5
1648	AM HER	17 Jun 85	GSPC, LE1, ME	18 14 50	+49 52.5
1649	COMA CLUSTER	17 Jun 85	GSPC, LE1, ME	12 57 20	+28 10.8
1650	COMA CLUSTER	17 Jun 85	GSPC, LE1, ME	13 00 20	+28 10.8
1654	2223-052	20 Jun 85	GSPC, LE1, ME	22 23 15	-05 10.2
1655	IRAS1833+326	20 Jun 85	GSPC, LE1, ME	18 33 07	+32 41.5
1658	NGC5548	22 Jun 85	GSPC, LE1, ME	14 15 30	+25 22.1
1659	1E1352+182	22 Jun 85	GSPC, LE1, ME	13 52 01	+18 20.8
1660	1E1352+182	24 Jun 85	GSPC, LE1, ME	13 52 01	+18 20.6
1661	GP COM	24 Jun 85	GSPC, LE1, ME	13 03 05	+18 16.4
1663	NGC 4593	26 Jun 85	GSPC, LE1, ME	12 36 55	-05 05.0
1667	IRAS1833+326	28 Jun 85	GSPC, LE1, ME	18 33 03	+32 41.1
1671	2223-052	29 Jun 85	GSPC, LE1, ME	22 23 13	-05 09.9
1672	NGC 526 A	29 Jun 85	GSPC, LE1, ME	01 21 42	-35 16.4
1674	CENTAURUS-A	30 Jun 85	GSPC, LE1, ME	13 22 20	-42 47.1
1675	NGC 4593	30 Jun 85	GSPC, LE1, ME	12 36 55	-05 05.3
1679	2223-052	3 Jul 85	GSPC, LE1, ME	22 23 14	-05 09.9
1680	NGC 5675	3 Jul 85	GSPC, LE1, ME	14 30 22	+36 30.9
1681	NGC 4593	4 Jul 85	GSPC, LE1, ME	12 36 55	-05 04.9
1683	NGC5548	5 Jul 85	GSPC, LE1, ME	14 15 31	+25 21.5
1685	PG1426+015	6 Jul 85	GSPC, LE1, ME	14 26 24	+01 29.8
1686	IRAS1833+326	6 Jul 85	GSPC, LE1, ME	18 33 03	+32 40.9
1687	E1821+643	6 Jul 85	GSPC, LE1, ME	18 21 27	+64 21.1
1688	E1615+061	8 Jul 85	GSPC, LE1, ME	16 15 08	+06 11.0
1689	1E1352+182	8 Jul 85	GSPC, LE1, ME	13 52 01	+18 20.3



Seq	EXOSAT Name	Date	Instruments	R. A.	Decl.
1690	1E1352+182	9 Jul 85	GSPC, LE1, ME	13 51 59	+18 19.8
1691	E1615+061	9 Jul 85	GSPC, LE1, ME	16 15 05	+06 10.6
1693	GT PEG	10 Jul 85	LE1	22 49 30	+31 32.4
1698	IRAS1833+326	14 Jul 85	GSPC, LE1, ME	18 32 58	+32 40.7
1699	NGC5548	14 Jul 85	GSPC, LE1, ME	14 15 28	+25 20.7
1708	III ZW 2	18 Jul 85	GSPC, LE1, ME	00 08 04	+10 44.8
1709	MKN 335	18 Jul 85	GSPC, LE1, ME	00 03 49	+19 58.3
1711	EXO 0748-67	19 Jul 85	GSPC, LE1, ME	07 48 45	-67 39.2
1715	MKN 335	22 Jul 85	GSPC, LE1, ME	00 03 49	+19 58.3
1718	IRAS1833+326	24 Jul 85	GSPC, LE1, ME	18 32 59	+32 39.7
1723	FAIRALL-9	27 Jul 85	GSPC, LE1, ME	01 22 03	-59 01.8
1730	IRAS1509-211	29 Jul 85	GSPC, LE1, ME	15 08 55	-21 09.4
1731	IRAS1833+326	30 Jul 85	GSPC, LE1, ME	18 32 57	+32 39.7
1732	IRAS1833+326	30 Jul 85	GSPC, LE1, ME	18 32 58	+32 39.4
1733	IC 4329A	31 Jul 85	GSPC, LE1, ME	13 46 39	-30 02.0
1734	PKS1510-089	1 Aug 85	GSPC, LE1, ME	15 10 18	-08 53.1
1737	ESO 103-G35	2 Aug 85	GSPC, LE1, ME	18 33 10	-65 25.3
1740	NGC 526 A	3 Aug 85	GSPC, LE1, ME	01 21 47	-35 17.1
1744	BD+6 189	7 Aug 85	GSPC, LE1, ME	01 14 22	+06 35.2
1750	IRAS1833+326	11 Aug 85	GSPC, LE1, ME	18 32 59	+32 38.6
1751	E1821+643	11 Aug 85	GSPC, LE1, ME	18 21 18	+64 19.0
1755	ESO 103-G35	13 Aug 85	GSPC, LE1, ME	18 33 24	-65 31.0
1761	IRAS1833+326	22 Aug 85	GSPC, LE1, ME	18 32 59	+32 38.8
1764	NGC 526 A	24 Aug 85	GSPC, LE1, ME	01 21 48	-35 17.9
1779	4U1722+119	4 Sep 85	GSPC, LE1, ME	17 22 17	+11 53.4
1780	IRAS1833+326	4 Sep 85	GSPC, LE1, ME	18 33 02	+32 38.2
1782	ESO 103-G35	5 Sep 85	GSPC, LE1, ME	18 33 15	-65 30.3
1796	IRAS1833+326	13 Sep 85	GSPC, LE1, ME	18 32 59	+32 37.8
1797	IRAS1833+326	15 Sep 85	GSPC, LE1, ME	18 33 03	+32 37.8
1801	AM HER	17 Sep 85	GSPC, LE1, ME	18 14 47	+49 49.4
1816	HR 1099	24 Sep 85	GSPC, LE1, ME	03 34 19	+00 27.0
1817	IH 0422-086	24 Sep 85	GSPC, LE1, ME	04 23 25	-08 40.7
1825	IRAS1833+326	1 Oct 85	GSPC, LE1, ME	18 33 02	+32 37.4
1832	PKS 2005-489	4 Oct 85	GSPC, LE1, ME	20 05 42	-49 01.5
1835	CYG X-3	5 Oct 85	GSPC, LE1, ME	20 30 24	+40 45.3
1837	CYG X-3	5 Oct 85	GSPC, ME	20 30 24	+40 45.3
1838	CYG X-3	7 Oct 85	GSPC, ME	20 30 26	+40 45.8
1839	E1821+643	7 Oct 85	GSPC, LE1, ME	18 21 31	+64 17.6
1843	MCG 8-11-11	9 Oct 85	GSPC, LE1, ME	05 51 17	+46 27.8
1844	NGC 1566	10 Oct 85	GSPC, LE1, ME	04 19 08	-55 02.9
1845	3C 120	10 Oct 85	GSPC, LE1, ME	04 30 26	+05 12.0
1846	CYG X-3	11 Oct 85	GSPC, LE1, ME	20 30 38	+40 46.0
1848	CYG X-3	13 Oct 85	GSPC, LE1, ME	20 30 38	+40 46.0
1855	PKS 2005-489	17 Oct 85	GSPC, LE1, ME	20 05 34	-49 00.6
1856	NGC 6814	17 Oct 85	GSPC, LE1, ME	19 39 47	-10 28.3
1862	NGC 1566	20 Oct 85	GSPC, LE1, ME	04 19 14	-55 03.6
1865	VV-47	23 Oct 85	GSPC, LE1, ME	07 54 10	+53 34.3
1866	E1821+643	23 Oct 85	GSPC, LE1, ME	18 21 36	+64 17.4
1867	H2252-035	23 Oct 85	GSPC, LE1, ME	22 52 38	-03 28.6
1868	PKS 2155-304	24 Oct 85	GSPC, LE1, ME	21 55 54	-30 29.9
1869	IH2236-372	25 Oct 85	GSPC, LE1, ME	22 32 16	-37 43.5
1871	CYG X-3	27 Oct 85	GSPC, LE1, ME	20 30 47	+40 45.7
1872	H2252-035	27 Oct 85	GSPC, LE1, ME	22 52 36	-03 29.2
1875	NGC 7172	29 Oct 85	GSPC, LE1, ME	21 58 47	-32 07.5
1879	H2103+095	30 Oct 85	GSPC, LE1, ME	21 02 54	+09 27.4
1882	PKS 0745-19	1 Nov 85	GSPC, LE1, ME	07 45 27	-19 08.5
1883	NGC 526 A	2 Nov 85	GSPC, LE1, ME	01 21 46	-35 21.4
1884	PKS 2155-304	2 Nov 85	GSPC, LE1, ME	21 55 54	-30 30.6
1885	PKS 2155-304	2 Nov 85	GSPC, LE1, ME	21 55 53	-30 30.7
1887	CYGNUS-A	3 Nov 85	GSPC, LE1, ME	19 57 37	+40 33.0
1890	MCG 8-11-11	4 Nov 85	GSPC, LE1, ME	05 51 16	+46 28.6
1891	NGC 3516	4 Nov 85	GSPC, LE1, ME	11 04 03	+72 50.7

Seq	EXOSAT Name	Date	Instruments	R. A.	Decl.
1892	AG DRACONIS	5 Nov 85	GSPC, LE1, ME	16 01 38	+66 53.8
1894	H1926+503	6 Nov 85	GSPC, LE1, ME	19 33 09	+50 58.7
1895	3C390.3	7 Nov 85	GSPC, LE1, ME	18 45 17	+79 40.6
1896	NGC 3516	7 Nov 85	GSPC, LE1, ME	11 03 57	+72 50.2
1904	PKS 2155-304	13 Nov 85	GSPC, LE1, ME	21 55 53	-30 29.9
1905	PG2130+099	14 Nov 85	GSPC, LE1, ME	21 29 53	+09 52.9
1908	PG2304+042	16 Nov 85	GSPC, LE1, ME	23 04 23	+04 14.5
1910	NGC 1566	16 Nov 85	GSPC, LE1, ME	04 19 06	-55 05.2
1911	1E0849+080	16 Nov 85	GSPC, LE1, ME	08 49 44	+08 04.9
1912	1E0849+080	17 Nov 85	GSPC, LE1, ME	08 49 42	+08 05.6
1913	2A0526-328	17 Nov 85	GSPC, LE1, ME	05 27 45	-32 51.5
1916	A780	20 Nov 85	GSPC, LE1, ME	09 17 09	-12 04.7
1921	NGC 3227	26 Nov 85	GSPC, LE1, ME	10 20 56	+20 08.4
1923	NGC 3516	27 Nov 85	GSPC, LE1, ME	11 03 51	+72 51.8
1926	PSR 0950+08	28 Nov 85	GSPC, LE1, ME	09 50 39	+08 11.2
1930	NGC 526 A	30 Nov 85	GSPC, LE1, ME	01 21 40	-35 21.7
1931	III ZW 2	30 Nov 85	GSPC, LE1, ME	00 07 55	+10 39.4
1932	PG0049+171	30 Nov 85	GSPC, LE1, ME	00 49 11	+17 07.1
1933	MKN 335	30 Nov 85	GSPC, LE1, ME	00 03 39	+19 53.0
1938	NGC 4051	3 Dec 85	GSPC, LE1, ME	12 00 47	+44 49.3
1941	NGC 3516	6 Dec 85	GSPC, LE1, ME	11 03 56	+72 52.1
1942	OJ 287	8 Dec 85	GSPC, LE1, ME	08 52 08	+20 19.6
1943	NGC 3227	9 Dec 85	GSPC, LE1, ME	10 20 58	+20 08.4
1944	OJ 287	9 Dec 85	GSPC, LE1, ME	08 52 08	+20 19.6
1946	NGC 1566	10 Dec 85	GSPC, LE1, ME	04 19 05	-55 05.8
1949	1E0849+080	12 Dec 85	GSPC, LE1, ME	08 49 42	+08 05.0
1950	PG1012+008	13 Dec 85	LE1	10 11 13	+00 59.6
1951	OJ 287	13 Dec 85	GSPC, LE1, ME	08 52 05	+20 19.0
1957	AD LEO	15 Dec 85	GSPC, LE1, ME	10 17 02	+20 08.7
1958	NGC 3227	15 Dec 85	GSPC, LE1, ME	10 20 55	+20 08.4
1959	BD+48 1958 A	16 Dec 85	GSPC, LE1, ME	11 34 44	+47 44.9
1967	PG0052+251	20 Dec 85	GSPC, LE1, ME	00 52 07	+25 06.8
1968	III ZW 2	20 Dec 85	GSPC, LE1, ME	00 07 57	+10 39.4
1970	WD0109-264	23 Dec 85	GSPC, LE1, ME	01 09 42	-26 31.2
1972	TON S210	24 Dec 85	GSPC, LE1, ME	01 19 23	-28 38.5
1976	MKN 335	25 Dec 85	GSPC, LE1, ME	00 03 42	+19 53.1
1977	4U0042+32	26 Dec 85	GSPC, LE1, ME	00 42 04	+32 42.6
1980	NGC 3227	28 Dec 85	GSPC, LE1, ME	10 20 55	+20 08.4
1981	MKN231	28 Dec 85	GSPC, LE1, ME	12 54 20	+57 09.9
1983	MKN 766	29 Dec 85	GSPC, LE1, ME	12 15 33	+29 44.7
1988	H0323+022	4 Jan 86	GSPC, LE1, ME	03 23 33	+02 12.6
1990	PICTOR A	5 Jan 86	GSPC, LE1, ME	05 18 21	-45 51.9
1991	PICTOR A	5 Jan 86	GSPC, LE1, ME	05 18 26	-45 51.9
1992	3C 66A	6 Jan 86	GSPC, LE1, ME	02 19 22	+42 46.1
1993	AO0235+164	6 Jan 86	GSPC, LE1, ME	02 35 49	+16 21.4
1994	H0323+022	8 Jan 86	GSPC, LE1, ME	03 23 36	+02 12.0
1996	PG1144+005	9 Jan 86	GSPC, LE1, ME	11 44 11	+00 30.6
1998	PG1211+143	10 Jan 86	GSPC, LE1, ME	12 11 55	+14 20.8
1999	NGC 4593	11 Jan 86	GSPC, LE1, ME	12 37 16	-05 03.4
2000	IRAS1249-131	12 Jan 86	GSPC, LE1, ME	12 49 46	-13 07.8
2002	NGC 1566	13 Jan 86	GSPC, LE1, ME	04 18 51	-55 06.3
2005	EXO0748-676	14 Jan 86	GSPC, LE1, ME	07 48 42	-67 38.9
2006	3A1219+305	14 Jan 86	GSPC, LE1, ME	12 18 59	+30 28.6
2008	3C 66A	15 Jan 86	GSPC, LE1, ME	02 19 22	+42 46.5
2009	AO0235+164	15 Jan 86	GSPC, LE1, ME	02 35 48	+16 21.9
2012	3C273	17 Jan 86	GSPC, LE1, ME	12 26 42	+02 20.6
2013	NGC 5548	19 Jan 86	GSPC, LE1, ME	14 15 53	+25 23.2
2015	3A 0557-383	22 Jan 86	GSPC, LE1, ME	05 56 22	-38 22.5
2018	FEIGE 91	24 Jan 86	GSPC, LE1, ME	14 07 08	+59 01.2
2019	SV CAM	24 Jan 86	GSPC, LE1, ME	06 29 32	+82 19.4
2022	PG1211+143	28 Jan 86	GSPC, LE1, ME	12 11 53	+14 21.2
2023	MCG6-30-15	28 Jan 86	GSPC, LE1, ME	13 33 14	-34 01.6

Seq	EXOSAT Name	Date	Instruments	R. A.	Decl.
2024	3C 120	31 Jan 86	GSPC, LE1, ME	04 30 25	+05 12.7
2025	AO0235+164	1 Feb 86	GSPC, LE1, ME	02 35 49	+16 31.5
2026	3C 66A	1 Feb 86	GSPC, LE1, ME	02 19 25	+42 45.8
2027	1E1617+173	1 Feb 86	GSPC, LE1, ME	16 17 09	+17 38.4
2028	HR 1099	2 Feb 86	GSPC, LE1, ME	03 34 09	+00 22.9
2030	PG1416-129	6 Feb 86	GSPC, LE1, ME	14 16 30	-12 56.2
2031	NGC 4593	6 Feb 86	GSPC, LE1	12 37 14	-05 03.7
2032	MCG 8-11-11	10 Feb 86	GSPC, LE1, ME	05 50 54	+46 25.1
2035	V1005 ORI	11 Feb 86	GSPC, LE1, ME	04 56 51	+01 40.5
2040	3C 120	13 Feb 86	GSPC, LE1, ME	04 30 23	+05 12.5
2042	AG DRA	14 Feb 86	GSPC, LE1, ME	16 01 51	+66 56.8
2046	1E1617 + 173	16 Feb 86	GSPC, LE1, ME	16 17 09	+17 38.3
2047	AKN 120	17 Feb 86	LE1	05 13 30	+00 13.7
2051	IRAS0521-12	20 Feb 86	GSPC, LE1, ME	05 21 42	-12 14.5
2058	MKN 841	23 Feb 86	GSPC, LE1, ME	15 01 47	+10 39.9
2059	1E1617+173	23 Feb 86	GSPC, LE1, ME	16 18 08	+17 58.6
2060	1E1617+173	24 Feb 86	GSPC, LE1, ME	16 18 07	+17 58.6
2062	A2142	25 Feb 86	GSPC, LE1, ME	15 56 23	+27 23.6
2063	MKN 290	25 Feb 86	GSPC, LE1, ME	15 35 01	+58 06.0
2065	MCG 8-11-11	26 Feb 86	GSPC, LE1, ME	05 50 55	+46 24.4
2066	MCG 8-11-11	27 Feb 86	GSPC, ME	05 50 58	+46 24.4
2071	NGC 4151	29 Feb 84	GSPC, ME	12 08 01	+39 41.5
2072	NGC 4151	3 Mar 86	GSPC, LE1, ME	12 08 01	+39 41.5
2073	NGC 5548	3 Mar 86	GSPC, LE1, ME	14 15 55	+25 22.0
2074	1E 1415+22	5 Mar 86	GSPC, LE1, ME	14 15 16	+26 16.5
2076	PKS0548-32	8 Mar 86	GSPC, LE1, ME	05 48 44	-32 19.4
2079	NGC 3998	10 Mar 86	GSPC, LE1, ME	11 55 06	+55 45.9
2085	MKN 501	15 Mar 86	GSPC, LE1, ME	16 52 21	+39 52.4
2086	XY UMA	16 Mar 86	GSPC, LE1, ME	09 05 59	+54 41.6
2087	AGN3C390.3	17 Mar 86	GSPC, LE1, ME	18 46 31	+79 44.3
2088	AGN3C390.3	19 Mar 86	GSPC, LE1, ME	18 46 27	+79 44.5

## 8.3 GINGA Observations

GINGA Name	R. A.	Decl.	Date	Exp. Time (min)	ULDA Name	
MKN335	0h 03m	19° 55'	3 Dec 87	2:17	1425.400	MRK 335
MKN335	0h 03m	19° 55'	25 Nov 88	20:05	1355.067	MRK 335
MKN335	0h 03m	19° 55'	22 Dec 90	8:03	1313.200	MRK 335
MKN335	0h 03m	19° 55'	23 Dec 90	9:16	2120.133	MRK 335
MKN335	0h 03m	19° 55'	2 Jul 91	4:55	874.533	MRK 335
PG0026+129	0h 26m	12° 59'	25 Dec 89	17:44	1181.267	PG 0026+129
PG0026+129	0h 26m	12° 59'	25 Dec 90	3:24	2847.883	PG 0026+129
IRAS QSO	0h 27m	-28° 58'	19 Nov 87	10:53	2718.933	
MKN348	0h 46m	31° 41'	13 Jun 87	3:33	3385.867	NGC 262
Q0049+171	0h 49m	17° 09'	19 Jul 91	18:33	2335.267	MRK 1148
I ZW 1	0h 50m	12° 25'	7 Aug 90	2:40	1419.200	PG 0050+124
PG0052+251	0h 52m	25° 09'	7 Jan 91	0:48	1211.933	PG 0052+251
PG0052+251	0h 52m	25° 09'	5 Aug 91	10:02	1382.600	PG 0052+251
FAIRALL 9	1h 21m	-59° 04'	20 Nov 89	11:20	1433.533	ESOB 113-IG45
FAIRALL 9	1h 21m	-59° 04'	22 Nov 90	19:35	3846.933	ESOB 113-IG45
NGC526A	1h 21m	-35° 19'	15 Dec 88	9:24	1441.133	NGC 526A
3C47	1h 33m	20° 41'	20 Jan 90	6:10	1542.000	
MKN573	1h 41m	2° 06'	22 Dec 89	20:00	1932.400	MRK 573
NGC1068	2h 40m	0° 13'	31 Jul 87	14:33	2359.067	NGC 1068
4U0241+622	2h 40m	62° 15'	28 Sep 90	0:32	1018.467	
4U0241+622	2h 40m	62° 15'	9 Feb 91	8:23	1771.133	
MKN372	2h 46m	19° 15'	13 Aug 90	23:29	1411.600	IC 1854
PERSEUS CL	3h 16m	41° 19'	15 Jan 89	21:11	2687.933	NGC 1275
H0323+022	3h 23m	2° 14'	26 Jul 87	17:24	2174.200	AOO X 0323 +022
H0323+022	3h 23m	2° 14'	15 Aug 88	20:34	2882.867	AOO X 0323 +022
H0323+022	3h 23m	2° 14'	18 Aug 88	0:53	2533.450	AOO X 0323 +022
H0323+022	3h 23m	2° 14'	24 Aug 91	23:24	2088.800	AOO X 0323 +022
NGC1365	3h 31m	-36° 18'	21 Aug 90	19:11	1422.400	NGC 1365
NRAO140	3h 33m	32° 08'	3 Feb 89	10:08	1436.800	
IC342	3h 41m	67° 55'	26 Sep 90	6:17	1229.533	
3C98	3h 56m	10° 17'	9 Sep 91	15:43	937.067	AOO 3C 98
3C111	4h 15m	37° 54'	4 Feb 89	11:59	1265.600	
A496	4h 31m	-13° 21'	14 Oct 88	23:53	1257.733	ABCG 496
PKS0444-593	4h 44m	-59° 21'	3 Aug 91	11:49	1989.533	NGC 1672
IRAS04461-06	4h 46m	-6° 23'	15 Oct 90	16:06	1318.067	NGC 1667
NGC1808	5h 05m	-37° 36'	14 Oct 90	17:07	1128.467	
AKN120	5h 13m	0° 11'	22 Sep 88	3:15	1443.867	MRK 1095
PKS0521-365	5h 21m	-36° 30'	2 Feb 89	10:01	1440.933	QSO 0521-365
PKS0548-322	5h 48m	-32° 16'	15 Jan 90	7:05	1632.267	QSO 0548-322
PKS0548-322	5h 48m	-32° 16'	20 Feb 90	15:29	1417.200	QSO 0548-322
PKS0548-322	5h 48m	-32° 16'	19 Feb 91	6:39	1008.200	QSO 0548-322
PKS0548-322	5h 48m	-32° 16'	1 Mar 91	21:30	1885.133	QSO 0548-322
PKS0548-322	5h 48m	-32° 16'	16 Mar 91	13:13	2611.250	QSO 0548-322
NGC2110	5h 49m	-7° 28'	26 Sep 89	14:18	1428.333	NGC 2110
PKS0558-504	5h 58m	-50° 26'	13 Nov 89	15:43	1153.267	AOO X 0558 -504
MRK 3	6h 09m	71° 03'	27 Sep 89	14:12	1068.800	MRK 3
MRK 3 SCAN	6h 09m	71° 03'	25 Sep 89	16:09	1323.267	MRK 3
PKS0637-752	6h 37m	-75° 13'	4 Jul 88	18:07	1344.267	QSO 0637-752
PKS0637-752	6h 37m	-75° 13'	23 Aug 90	18:22	1416.400	QSO 0637-752
MKN 78	7h 37m	65° 17'	19 Oct 87	22:46	2876.133	
PG0804+761	8h 04m	76° 11'	31 Oct 89	3:30	1035.533	PG 0804+761
PKS0837-120	8h 37m	-12° 04'	27 Mar 89	10:48	1237.267	QSO 0837-120
OJ287	8h 51m	20° 18'	28 Oct 87	18:27	3196.200	QSO 0851+202
OJ287	8h 51m	20° 18'	20 Nov 90	1:38	1313.600	QSO 0851+202
OJ287	8h 51m	20° 18'	7 Oct 91	23:42	2812.867	QSO 0851+202
NGC2992	9h 43m	-14° 06'	30 Apr 90	5:46	2244.733	NGC 2992
MCG5-23-16	9h 45m	-30° 43'	30 Nov 88	8:54	487.133	ESOB 434-G40
MCG5-23-16	9h 45m	-30° 43'	5 Dec 88	15:36	1094.133	ESOB 434-G40
NGC3079	9h 58m	55° 55'	28 Apr 90	11:20	1492.133	
NGC3227	10h 20m	20° 07'	16 Apr 88	8:25	2459.200	NGC 3227
NGC3227	10h 20m	20° 07'	9 Dec 90	12:17	1405.200	NGC 3227



GINGA Name	R. A.	Decl.	Date	Exp. Time (min)	ULDA Name
3C279 SCAN	12h 53m	-5° 31'	21 Jun 89 12:47	377.333	QSO 1253-055
3C279 SCAN	12h 53m	-5° 31'	22 Jun 89 13:57	404.867	QSO 1253-055
IRAS1304-234	13h 04m	-23° 23'	12 Jul 91 23:37	2205.867	
PG1307+085	13h 07m	8° 36'	6 Jun 89 4:10	1282.133	PG 1307+085
CEN A	13h 22m	-42° 45'	8 Mar 89 5:10	1930.667	NGC 5128
CEN A	13h 22m	-42° 45'	7 Feb 90 17:30	2730.667	NGC 5128
MCG-6-30-15	13h 33m	-34° 02'	8 Sep 87 19:24	3698.000	ESOB 383-G35
MCG-6-30-15	13h 33m	-34° 02'	24 Jun 89 12:11	2218.200	ESOB 383-G35
MCG-6-30-15	13h 33m	-34° 02'	1 Feb 90 22:52	3858.667	ESOB 383-G35
MCG-6-30-15	13h 33m	-34° 02'	4 Feb 90 21:55	1732.400	ESOB 383-G35
MCG-6-30-15	13h 33m	-34° 02'	6 Feb 90 23:14	1064.467	ESOB 383-G35
MCG-6-30-15	13h 33m	-34° 02'	23 Jul 91 21:12	1116.200	ESOB 383-G35
MKN273	13h 42m	56° 08'	11 Dec 90 13:00	1310.133	MRK 273
IC4329A	13h 46m	-30° 03'	8 Jul 89 6:18	2475.600	IC 4329A
IC4329A	13h 46m	-30° 03'	10 Jul 89 7:51	1262.200	IC 4329A
IC4329A SCAN	13h 46m	-30° 03'	10 Jul 89 5:10	161.400	IC 4329A
A1795	13h 46m	26° 51'	22 Jun 88 23:20	1373.467	ABCG 1795
1E1352+1820	13h 52m	18° 20'	18 Jun 87 11:32	1314.533	QSO 1352+183
MRK463E	13h 53m	18° 37'	5 Jul 90 18:50	1142.650	MRK 463
PG1407+265	14h 07m	26° 32'	19 Jun 87 9:44	2366.333	PG 1407+265
NGC5506	14h 10m	-2° 58'	19 Jul 88 14:23	2146.067	NGC 5506
NGC5506	14h 10m	-2° 58'	5 Jul 91 2:24	1488.600	NGC 5506
NGC5506	14h 10m	-2° 58'	6 Jul 91 5:21	68.600	NGC 5506
NGC5506	14h 10m	-2° 58'	7 Jul 91 23:55	3971.000	NGC 5506
NGC5548	14h 15m	25° 22'	24 Jun 88 21:23	2514.267	NGC 5548
NGC5548	14h 15m	25° 22'	9 Jan 89 21:04	1420.200	NGC 5548
NGC5548	14h 15m	25° 22'	28 Jan 89 13:15	2292.600	NGC 5548
NGC5548	14h 15m	25° 22'	8 Jun 89 4:27	920.533	NGC 5548
NGC5548	14h 15m	25° 22'	13 Jul 89 6:03	1099.133	NGC 5548
NGC5548	14h 15m	25° 22'	24 May 90 18:52	3685.867	NGC 5548
NGC5548	14h 15m	25° 22'	27 May 90 13:26	8143.600	NGC 5548
NGC5548	14h 15m	25° 22'	5 Jun 90 10:18	1355.267	NGC 5548
NGC5548	14h 15m	25° 22'	12 Jun 90 4:08	1309.867	NGC 5548
NGC5548	14h 15m	25° 22'	19 Jun 90 3:27	1323.467	NGC 5548
NGC5548	14h 15m	25° 22'	26 Jun 90 1:06	1042.150	NGC 5548
NGC5548	14h 15m	25° 22'	2 Jul 90 20:56	1413.867	NGC 5548
NGC5548	14h 15m	25° 22'	8 Jul 90 20:43	1151.533	NGC 5548
NGC5548	14h 15m	25° 22'	24 Jun 91 6:48	2962.200	NGC 5548
PG1416-129	14h 16m	-12° 56'	2 Feb 88 19:17	1355.467	PG 1416-129
PG1416-129	14h 16m	-12° 56'	21 Jan 91 19:22	1311.400	PG 1416-129
MKN1383	14h 26m	1° 30'	16 Jan 91 23:25	1011.667	MRK 1383
1H1430+42	14h 26m	42° 56'	10 Jun 89 2:19	1958.183	
NGC5674	14h 31m	5° 40'	17 Jul 91 18:47	1380.133	NGC 5674
NGC5643	14h 35m	-44° 23'	4 Aug 90 5:58	1846.133	NGC 5643
M841	15h 01m	10° 37'	30 Jun 89 11:19	1365.800	MRK 841
M841	15h 01m	10° 37'	23 Jul 90 9:49	1120.867	MRK 841
M841	15h 01m	10° 37'	24 Jan 91 14:45	1405.067	MRK 841
M841 SCAN	15h 01m	10° 37'	1 Jul 89 10:05	302.933	MRK 841
IRAS15091-21	15h 09m	-21° 07'	12 Mar 89 4:25	1854.600	AOO IR 1509 -21
1510-089	15h 10m	-8° 54'	8 Mar 91 20:04	2107.200	QSO 1510-08
ARP220	15h 32m	23° 40'	26 Feb 90 17:17	881.600	IC 4553
ARP220 SCAN	15h 32m	23° 40'	25 Feb 90 13:32	1271.333	IC 4553
PSR1534+12	15h 34m	12° 06'	6 Mar 91 21:39	1435.267	
PG1545+210	15h 45m	21° 01'	22 Feb 90 14:57	1038.400	QSO 1545+210
A2142	15h 56m	27° 22'	9 Aug 88 23:22	1444.200	
PG1612+261	16h 12m	26° 11'	21 Mar 91 10:28	1326.867	QSO 1612+261
E1615+061	16h 15m	6° 11'	13 Mar 90 10:58	945.067	AOO 1E 1615+06.2
E1615+061	16h 15m	6° 11'	15 Mar 90 12:40	710.933	AOO 1E 1615+06.2
3C345	16h 41m	39° 54'	26 Apr 89 22:29	851.400	QSO 1641+399
3C345	16h 41m	39° 54'	6 Apr 91 2:20	2243.050	QSO 1641+399
3C345	16h 41m	39° 54'	25 May 91 0:16	2198.400	QSO 1641+399
3C345	16h 41m	39° 54'	27 May 91 0:13	940.733	QSO 1641+399

GINGA Name	R. A.	Decl.	Date		Exp. Time (min)	ULDA Name
1040+706	10h 40m	70° 40'	17 Oct 90	13:45	1035.667	
MKN421	11h 01m	38° 28'	27 Oct 87	20:07	1336.717	MRK 421
MKN421	11h 01m	38° 28'	31 Oct 87	16:11	2523.667	MRK 421
MKN421	11h 01m	38° 28'	14 Nov 90	0:48	2828.133	MRK 421
NGC3516	11h 03m	72° 50'	7 Oct 89	10:19	3820.333	NGC 3516
NGC3516	11h 03m	72° 50'	12 Oct 89	11:03	1255.867	NGC 3516
NGC3516	11h 03m	72° 50'	19 Oct 89	3:59	1521.067	NGC 3516
NGC3516 SCAN	11h 03m	72° 50'	13 Oct 89	8:01	279.200	NGC 3516
PG1116+215	11h 16m	21° 36'	3 Jun 91	19:51	2419.133	PG 1116+215
NGC3783	11h 36m	-37° 27'	13 Jan 90	9:10	1980.333	NGC 3783
3C263	11h 37m	66° 04'	3 May 89	20:41	1028.400	QSO 1137+660
NGC3998	11h 55m	55° 43'	30 Apr 88	4:58	2240.267	NGC 3998
NGC3998 SCAN	11h 55m	55° 43'	2 May 88	4:57	81.733	NGC 3998
4C29.45	11h 56m	29° 31'	4 Jul 87	6:16	3511.600	QSO 1156+295
4C29.45	11h 56m	29° 31'	8 Jul 87	1:26	1065.600	QSO 1156+295
NGC4051	12h 00m	44° 48'	2 Jun 87	21:23	4118.183	NGC 4051
NGC4051	12h 00m	44° 48'	13 May 88	21:36	3558.200	NGC 4051
NGC4051	12h 00m	44° 48'	21 Nov 90	19:49	1414.533	NGC 4051
NGC4151	12h 08m	39° 41'	29 May 87	21:03	3756.183	NGC 4151
NGC4151	12h 08m	39° 41'	1 Jun 87	23:01	1121.667	NGC 4151
NGC4151	12h 08m	39° 41'	21 Nov 87	15:44	1956.667	NGC 4151
NGC4151	12h 08m	39° 41'	28 Nov 87	6:51	2466.400	NGC 4151
NGC4151	12h 08m	39° 41'	5 Dec 87	0:28	407.200	NGC 4151
NGC4151	12h 08m	39° 41'	7 Dec 87	4:05	1138.867	NGC 4151
NGC4151	12h 08m	39° 41'	17 Dec 87	20:38	986.133	NGC 4151
NGC4151	12h 08m	39° 41'	13 Dec 88	11:06	1167.467	NGC 4151
NGC4151	12h 08m	39° 41'	25 Dec 88	8:20	1229.933	NGC 4151
NGC4151	12h 08m	39° 41'	6 Jan 89	22:56	1778.667	NGC 4151
NGC4151	12h 08m	39° 41'	6 Jan 90	12:12	2110.067	NGC 4151
NGC4151	12h 08m	39° 41'	15 May 90	20:47	1391.733	NGC 4151
NGC4151	12h 08m	39° 41'	26 Nov 90	17:44	1413.267	NGC 4151
NGC4151	12h 08m	39° 41'	11 Jan 91	3:30	937.467	NGC 4151
NGC4151	12h 08m	39° 41'	12 Jan 91	1:37	752.533	NGC 4151
NGC4151	12h 08m	39° 41'	14 Jan 91	0:40	969.600	NGC 4151
NGC4151	12h 08m	39° 41'	15 Jan 91	8:07	646.000	NGC 4151
NGC4151	12h 08m	39° 41'	31 May 91	18:52	2416.333	NGC 4151
PG1211+143	12h 11m	14° 19'	6 May 88	1:56	957.983	PG 1211+143
PKS1217+023	12h 17m	2° 20'	21 Jun 88	3:07	1236.800	QSO 1217+023
PKS1217+023	12h 17m	2° 20'	30 Jan 91	13:23	961.667	QSO 1217+023
MKN205	12h 19m	75° 35'	16 Jan 88	6:58	924.800	MRK 205
3C273	12h 26m	2° 19'	8 Jul 87	22:23	2979.267	QSO 1226+023
3C273	12h 26m	2° 19'	27 Dec 87	13:20	3883.933	QSO 1226+023
3C273	12h 26m	2° 19'	25 May 88	15:52	1239.667	QSO 1226+023
3C273	12h 26m	2° 19'	4 Jun 88	10:11	1805.333	QSO 1226+023
3C273	12h 26m	2° 19'	27 Dec 88	8:21	1133.933	QSO 1226+023
3C273	12h 26m	2° 19'	27 Dec 89	17:58	2315.200	QSO 1226+023
3C273 0	12h 26m	2° 19'	18 Dec 90	11:41	2913.867	QSO 1226+023
M87	12h 28m	12° 40'	29 Jun 87	7:36	2665.867	NGC 4486
PG1229+204	12h 29m	20° 25'	28 May 91	2:45	1099.267	MRK 771
NGC4593	12h 37m	-5° 04'	25 Jun 87	13:31	1446.267	NGC 4593
NGC4593	12h 37m	-5° 04'	13 Dec 87	20:20	1723.133	NGC 4593
3C279	12h 53m	-5° 31'	23 Jun 87	13:17	1157.800	QSO 1253-055
3C279	12h 53m	-5° 31'	24 Jun 87	15:24	1026.067	QSO 1253-055
3C279	12h 53m	-5° 31'	5 Jul 88	16:37	1262.933	QSO 1253-055
3C279	12h 53m	-5° 31'	20 Jan 89	16:34	2004.267	QSO 1253-055
3C279	12h 53m	-5° 31'	21 Jun 89	19:04	1132.933	QSO 1253-055
3C279	12h 53m	-5° 31'	22 Jun 89	20:44	1029.867	QSO 1253-055
3C279	12h 53m	-5° 31'	3 Jul 90	20:32	1419.733	QSO 1253-055
3C279	12h 53m	-5° 31'	18 Jan 91	22:02	1970.117	QSO 1253-055
3C279	12h 53m	-5° 31'	11 Feb 91	18:16	755.533	QSO 1253-055
3C279	12h 53m	-5° 31'	17 Jun 91	15:05	1126.133	QSO 1253-055
3C279	12h 53m	-5° 31'	18 Jun 91	14:17	1127.467	QSO 1253-055

GINGA Name	R. A.	Decl.	Date	Exp. Time (min)	ULDA Name
3C279 SCAN	12h 53m	-5° 31'	21 Jun 89 12:47	377.333	QSO 1253-055
3C279 SCAN	12h 53m	-5° 31'	22 Jun 89 13:57	404.867	QSO 1253-055
IRAS1304-234	13h 04m	-23° 23'	12 Jul 91 23:37	2205.867	
PG1307+085	13h 07m	8° 36'	6 Jun 89 4:10	1282.133	PG 1307+085
CEN A	13h 22m	-42° 45'	8 Mar 89 5:10	1930.667	NGC 5128
CEN A	13h 22m	-42° 45'	7 Feb 90 17:30	2730.667	NGC 5128
MCG-6-30-15	13h 33m	-34° 02'	8 Sep 87 19:24	3698.000	ESOB 383-G35
MCG-6-30-15	13h 33m	-34° 02'	24 Jun 89 12:11	2218.200	ESOB 383-G35
MCG-6-30-15	13h 33m	-34° 02'	1 Feb 90 22:52	3858.667	ESOB 383-G35
MCG-6-30-15	13h 33m	-34° 02'	4 Feb 90 21:55	1732.400	ESOB 383-G35
MCG-6-30-15	13h 33m	-34° 02'	6 Feb 90 23:14	1064.467	ESOB 383-G35
MCG-6-30-15	13h 33m	-34° 02'	23 Jul 91 21:12	1116.200	ESOB 383-G35
MKN273	13h 42m	56° 08'	11 Dec 90 13:00	1310.133	MRK 273
IC4329A	13h 46m	-30° 03'	8 Jul 89 6:18	2475.600	IC 4329A
IC4329A	13h 46m	-30° 03'	10 Jul 89 7:51	1262.200	IC 4329A
IC4329A SCAN	13h 46m	-30° 03'	10 Jul 89 5:10	161.400	IC 4329A
A1795	13h 46m	26° 51'	22 Jun 88 23:20	1373.467	ABCG 1795
1E1352+1820	13h 52m	18° 20'	18 Jun 87 11:32	1314.533	QSO 1352+183
MRK463E	13h 53m	18° 37'	5 Jul 90 18:50	1142.650	MRK 463
PG1407+265	14h 07m	26° 32'	19 Jun 87 9:44	2366.333	PG 1407+265
NGC5506	14h 10m	-2° 58'	19 Jul 88 14:23	2146.067	NGC 5506
NGC5506	14h 10m	-2° 58'	5 Jul 91 2:24	1488.600	NGC 5506
NGC5506	14h 10m	-2° 58'	6 Jul 91 5:21	68.600	NGC 5506
NGC5506	14h 10m	-2° 58'	7 Jul 91 23:55	3971.000	NGC 5506
NGC5548	14h 15m	25° 22'	24 Jun 88 21:23	2514.267	NGC 5548
NGC5548	14h 15m	25° 22'	9 Jan 89 21:04	1420.200	NGC 5548
NGC5548	14h 15m	25° 22'	28 Jan 89 13:15	2292.600	NGC 5548
NGC5548	14h 15m	25° 22'	8 Jun 89 4:27	920.533	NGC 5548
NGC5548	14h 15m	25° 22'	13 Jul 89 6:03	1099.133	NGC 5548
NGC5548	14h 15m	25° 22'	24 May 90 18:52	3685.867	NGC 5548
NGC5548	14h 15m	25° 22'	27 May 90 13:26	8143.600	NGC 5548
NGC5548	14h 15m	25° 22'	5 Jun 90 10:18	1355.267	NGC 5548
NGC5548	14h 15m	25° 22'	12 Jun 90 4:08	1309.867	NGC 5548
NGC5548	14h 15m	25° 22'	19 Jun 90 3:27	1323.467	NGC 5548
NGC5548	14h 15m	25° 22'	26 Jun 90 1:06	1042.150	NGC 5548
NGC5548	14h 15m	25° 22'	2 Jul 90 20:56	1413.867	NGC 5548
NGC5548	14h 15m	25° 22'	8 Jul 90 20:43	1151.533	NGC 5548
NGC5548	14h 15m	25° 22'	24 Jun 91 6:48	2962.200	NGC 5548
PG1416-129	14h 16m	-12° 56'	2 Feb 88 19:17	1355.467	PG 1416-129
PG1416-129	14h 16m	-12° 56'	21 Jan 91 19:22	1311.400	PG 1416-129
MKN1383	14h 26m	1° 30'	16 Jan 91 23:25	1011.667	MRK 1383
1H1430+42	14h 26m	42° 56'	10 Jun 89 2:19	1958.183	
NGC5674	14h 31m	5° 40'	17 Jul 91 18:47	1380.133	NGC 5674
NGC5643	14h 35m	-44° 23'	4 Aug 90 5:58	1846.133	NGC 5643
M841	15h 01m	10° 37'	30 Jun 89 11:19	1365.800	MRK 841
M841	15h 01m	10° 37'	23 Jul 90 9:49	1120.867	MRK 841
M841	15h 01m	10° 37'	24 Jan 91 14:45	1405.067	MRK 841
M841 SCAN	15h 01m	10° 37'	1 Jul 89 10:05	302.933	MRK 841
IRAS15091-21	15h 09m	-21° 07'	12 Mar 89 4:25	1854.600	AOO IR 1509-21
1510-089	15h 10m	-8° 54'	8 Mar 91 20:04	2107.200	QSO 1510-08
ARP220	15h 32m	23° 40'	26 Feb 90 17:17	881.600	IC 4553
ARP220 SCAN	15h 32m	23° 40'	25 Feb 90 13:32	1271.333	IC 4553
PSR1534+12	15h 34m	12° 06'	6 Mar 91 21:39	1435.267	
PG1545+210	15h 45m	21° 01'	22 Feb 90 14:57	1038.400	QSO 1545+210
A2142	15h 56m	27° 22'	9 Aug 88 23:22	1444.200	
PG1612+261	16h 12m	26° 11'	21 Mar 91 10:28	1326.867	QSO 1612+261
E1615+061	16h 15m	6° 11'	13 Mar 90 10:58	945.067	AOO 1E 1615+06.2
E1615+061	16h 15m	6° 11'	15 Mar 90 12:40	710.933	AOO 1E 1615+06.2
3C345	16h 41m	39° 54'	26 Apr 89 22:29	851.400	QSO 1641+399
3C345	16h 41m	39° 54'	6 Apr 91 2:20	2243.050	QSO 1641+399
3C345	16h 41m	39° 54'	25 May 91 0:16	2198.400	QSO 1641+399
3C345	16h 41m	39° 54'	27 May 91 0:13	940.733	QSO 1641+399





GINGA Name	R. A.	Decl.	Date	Exp. Time (min)	ULDA Name
3C279 SCAN	12h 53m	-5° 31'	21 Jun 89 12:47	377.333	QSO 1253-055
3C279 SCAN	12h 53m	-5° 31'	22 Jun 89 13:57	404.867	QSO 1253-055
IRAS1304-234	13h 04m	-23° 23'	12 Jul 91 23:37	2205.867	
PG1307+085	13h 07m	8° 36'	6 Jun 89 4:10	1282.133	PG 1307+085
CEN A	13h 22m	-42° 45'	8 Mar 89 5:10	1930.667	NGC 5128
CEN A	13h 22m	-42° 45'	7 Feb 90 17:30	2730.667	NGC 5128
MCG-6-30-15	13h 33m	-34° 02'	8 Sep 87 19:24	3698.000	ESOB 383-G35
MCG-6-30-15	13h 33m	-34° 02'	24 Jun 89 12:11	2218.200	ESOB 383-G35
MCG-6-30-15	13h 33m	-34° 02'	1 Feb 90 22:52	3858.667	ESOB 383-G35
MCG-6-30-15	13h 33m	-34° 02'	4 Feb 90 21:55	1732.400	ESOB 383-G35
MCG-6-30-15	13h 33m	-34° 02'	6 Feb 90 23:14	1064.467	ESOB 383-G35
MCG-6-30-15	13h 33m	-34° 02'	23 Jul 91 21:12	1116.200	ESOB 383-G35
MKN273	13h 42m	56° 08'	11 Dec 90 13:00	1310.133	MRK 273
IC4329A	13h 46m	-30° 03'	8 Jul 89 6:18	2475.600	IC 4329A
IC4329A	13h 46m	-30° 03'	10 Jul 89 7:51	1262.200	IC 4329A
IC4329A SCAN	13h 46m	-30° 03'	10 Jul 89 5:10	161.400	IC 4329A
A1795	13h 46m	26° 51'	22 Jun 88 23:20	1373.467	ABCG 1795
1E1352+1820	13h 52m	18° 20'	18 Jun 87 11:32	1314.533	QSO 1352+183
MRK463E	13h 53m	18° 37'	5 Jul 90 18:50	1142.650	MRK 463
PG1407+265	14h 07m	26° 32'	19 Jun 87 9:44	2366.333	PG 1407+265
NGC5506	14h 10m	-2° 58'	19 Jul 88 14:23	2146.067	NGC 5506
NGC5506	14h 10m	-2° 58'	5 Jul 91 2:24	1488.600	NGC 5506
NGC5506	14h 10m	-2° 58'	6 Jul 91 5:21	68.600	NGC 5506
NGC5506	14h 10m	-2° 58'	7 Jul 91 23:55	3971.000	NGC 5506
NGC5548	14h 15m	25° 22'	24 Jun 88 21:23	2514.267	NGC 5548
NGC5548	14h 15m	25° 22'	9 Jan 89 21:04	1420.200	NGC 5548
NGC5548	14h 15m	25° 22'	28 Jan 89 13:15	2292.600	NGC 5548
NGC5548	14h 15m	25° 22'	8 Jun 89 4:27	920.533	NGC 5548
NGC5548	14h 15m	25° 22'	13 Jul 89 6:03	1099.133	NGC 5548
NGC5548	14h 15m	25° 22'	24 May 90 18:52	3685.867	NGC 5548
NGC5548	14h 15m	25° 22'	27 May 90 13:26	8143.600	NGC 5548
NGC5548	14h 15m	25° 22'	5 Jun 90 10:18	1355.267	NGC 5548
NGC5548	14h 15m	25° 22'	12 Jun 90 4:08	1309.867	NGC 5548
NGC5548	14h 15m	25° 22'	19 Jun 90 3:27	1323.467	NGC 5548
NGC5548	14h 15m	25° 22'	26 Jun 90 1:06	1042.150	NGC 5548
NGC5548	14h 15m	25° 22'	2 Jul 90 20:56	1413.867	NGC 5548
NGC5548	14h 15m	25° 22'	8 Jul 90 20:43	1151.533	NGC 5548
NGC5548	14h 15m	25° 22'	24 Jun 91 6:48	2962.200	NGC 5548
PG1416-129	14h 16m	-12° 56'	2 Feb 88 19:17	1355.467	PG 1416-129
PG1416-129	14h 16m	-12° 56'	21 Jan 91 19:22	1311.400	PG 1416-129
MKN1383	14h 26m	1° 30'	16 Jan 91 23:25	1011.667	MRK 1383
1H1430+42	14h 26m	42° 56'	10 Jun 89 2:19	1958.183	
NGC5674	14h 31m	5° 40'	17 Jul 91 18:47	1380.133	NGC 5674
NGC5643	14h 35m	-44° 23'	4 Aug 90 5:58	1846.133	NGC 5643
M841	15h 01m	10° 37'	30 Jun 89 11:19	1365.800	MRK 841
M841	15h 01m	10° 37'	23 Jul 90 9:49	1120.867	MRK 841
M841	15h 01m	10° 37'	24 Jan 91 14:45	1405.067	MRK 841
M841 SCAN	15h 01m	10° 37'	1 Jul 89 10:05	302.933	MRK 841
IRAS15091-21	15h 09m	-21° 07'	12 Mar 89 4:25	1854.600	AOO IR 1509-21
1510-089	15h 10m	-8° 54'	8 Mar 91 20:04	2107.200	QSO 1510-08
ARP220	15h 32m	23° 40'	26 Feb 90 17:17	881.600	IC 4553
ARP220 SCAN	15h 32m	23° 40'	25 Feb 90 13:32	1271.333	IC 4553
PSR1534+12	15h 34m	12° 06'	6 Mar 91 21:39	1435.267	
PG1545+210	15h 45m	21° 01'	22 Feb 90 14:57	1038.400	QSO 1545+210
A2142	15h 56m	27° 22'	9 Aug 88 23:22	1444.200	
PG1612+261	16h 12m	26° 11'	21 Mar 91 10:28	1326.867	QSO 1612+261
E1615+061	16h 15m	6° 11'	13 Mar 90 10:58	945.067	AOO 1E 1615+06.2
E1615+061	16h 15m	6° 11'	15 Mar 90 12:40	710.933	AOO 1E 1615+06.2
3C345	16h 41m	39° 54'	26 Apr 89 22:29	851.400	QSO 1641+399
3C345	16h 41m	39° 54'	6 Apr 91 2:20	2243.050	QSO 1641+399
3C345	16h 41m	39° 54'	25 May 91 0:16	2198.400	QSO 1641+399
3C345	16h 41m	39° 54'	27 May 91 0:13	940.733	QSO 1641+399

GINGA Name	R. A.	Decl.	Date	Exp. Time (min)	ULDA Name	
MKN501	16h 52m	39° 50'	20 Aug 88	12:23	1434.733	MRK 501
MKN501	16h 52m	39° 50'	11 Aug 90	2:05	2342.783	MRK 501
4C34.47	17h 21m	34° 21'	30 Apr 91	13:13	1294.600	QSO 1721+343B
X1722+119	17h 22m	11° 56'	31 Mar 90	20:15	1320.800	AOO 1722 +119
MKN507	17h 48m	68° 42'	10 Nov 87	13:00	1345.533	
3C371	18h 07m	69° 48'	11 May 87	11:29	1605.667	QSO 1807+698
3C371	18h 07m	69° 48'	13 May 87	3:01	537.600	QSO 1807+698
3C371	18h 07m	69° 48'	13 May 87	14:04	44.800	QSO 1807+698
3C371	18h 07m	69° 48'	14 May 87	3:05	435.200	QSO 1807+698
3C371	18h 07m	69° 48'	15 May 87	3:11	11.933	QSO 1807+698
X1803+676	18h 11m	67° 04'	12 May 87	14:19	121.600	QSO 1803+676
X1803+676	18h 11m	67° 04'	12 May 87	23:47	189.867	QSO 1803+676
X1803+676	18h 11m	67° 04'	13 May 87	14:51	96.000	QSO 1803+676
X1803+676	18h 11m	67° 04'	13 May 87	23:51	192.000	QSO 1803+676
X1803+676	18h 11m	67° 04'	14 May 87	13:02	110.933	QSO 1803+676
X1803+676	18h 11m	67° 04'	14 May 87	23:57	189.867	QSO 1803+676
1E1821+643	18h 21m	64° 19'	12 May 87	16:25	93.867	AOO X 1821 +643
1E1821+643	18h 21m	64° 19'	12 May 87	20:33	189.867	AOO X 1821 +643
1E1821+643	18h 21m	64° 19'	13 May 87	16:29	147.200	AOO X 1821 +643
1E1821+643	18h 21m	64° 19'	13 May 87	21:26	142.933	AOO X 1821 +643
1E1821+643	18h 21m	64° 19'	14 May 87	14:58	147.200	AOO X 1821 +643
1E1821+643	18h 21m	64° 19'	14 May 87	21:32	142.933	AOO X 1821 +643
1E1821+643	18h 21m	64° 19'	27 Sep 88	5:20	860.400	AOO X 1821 +643
1E1821+643	18h 21m	64° 19'	23 Oct 90	11:18	1428.800	AOO X 1821 +643
1E1821+643	18h 21m	64° 19'	27 Oct 90	14:34	1825.600	AOO X 1821 +643
1E1821+643 S	18h 21m	64° 19'	27 Sep 88	1:48	211.933	AOO X 1821 +643
IRAS18325	18h 32m	-59° 26'	13 May 89	10:42	1997.933	ABCG 1829
3C382	18h 33m	32° 39'	20 Jul 89	7:21	1021.800	AOO 3C 382
3C382	18h 33m	32° 39'	21 Jul 89	5:27	1031.467	AOO 3C 382
3C382	18h 33m	32° 39'	22 Jul 89	5:25	1802.667	AOO 3C 382
3C382 SCAN	18h 33m	32° 39'	21 Jul 89	3:47	100.133	AOO 3C 382
X1846-786	18h 39m	-78° 34'	20 Sep 90	3:33	1107.983	AOO A 1839 -78
1845+721	18h 45m	72° 07'	28 Sep 90	23:46	79.333	
1845+721	18h 45m	72° 07'	30 Sep 90	23:00	425.333	
3C390.3	18h 45m	79° 43'	12 Nov 88	2:01	2458.467	QSO 1845+796
3C390.3	18h 45m	79° 43'	14 Feb 91	7:23	938.133	QSO 1845+796
1928+73	19h 28m	73° 51'	27 Aug 91	3:28	1985.517	QSO 1928+738
NGC6814	19h 38m	-10° 28'	28 Apr 89	0:13	3414.000	NGC 681
NGC6814	19h 38m	-10° 28'	15 Apr 90	20:15	2466.133	NGC 681
NGC6814	19h 38m	-10° 28'	6 Oct 90	0:00	2052.783	NGC 681
CYG A	19h 58m	40° 40'	17 Aug 91	4:22	1050.133	QSO 1957+405
CYG A	19h 58m	40° 40'	25 Sep 91	6:13	2498.667	QSO 1957+405
PKS2005-489	20h 05m	-48° 58'	1 May 89	19:38	35.600	AOO PKS 2005-489
PKS2005-489	20h 05m	-48° 58'	1 May 89	21:12	1002.800	AOO PKS 2005-489
MKN509	20h 41m	-10° 53'	7 Oct 88	23:54	1756.267	MRK 509
MKN509	20h 41m	-10° 53'	11 Oct 88	18:25	2426.667	MRK 509
MKN509	20h 41m	-10° 53'	18 Oct 89	4:07	1424.000	MRK 509
MKN509	20h 41m	-10° 53'	24 Oct 90	14:20	1210.200	MRK 509
IC5063	20h 48m	-57° 15'	2 Oct 90	4:06	1112.467	IC 5063
H2106-099	21h 06m	-9° 52'	17 May 88	20:56	1143.450	AOO H 2106 -09
H2106-099	21h 06m	-9° 52'	22 May 88	18:01	1196.333	AOO H 2106 -09
II ZW 136	21h 30m	9° 54'	7 Nov 89	17:09	1493.017	QSO 2130+099
PHL1657	21h 35m	-14° 46'	10 May 88	22:47	1248.600	QSO 2135-147
PKS2155-304	21h 55m	-30° 28'	26 May 87	5:15	919.467	QSO 2155-304
PKS2155-304	21h 55m	-30° 28'	27 May 87	5:03	1014.933	QSO 2155-304
PKS2155-304	21h 55m	-30° 28'	28 May 87	3:39	73.533	QSO 2155-304
PKS2155-304	21h 55m	-30° 28'	12 May 88	19:41	1345.800	QSO 2155-304
PKS2155-304	21h 55m	-30° 28'	2 Oct 89	13:46	3507.183	QSO 2155-304
PKS2155-304	21h 55m	-30° 28'	10 Oct 89	9:34	2958.533	QSO 2155-304
PKS2155-304	21h 55m	-30° 28'	3 Nov 90	9:50	2171.250	QSO 2155-304
PKS2155-304	21h 55m	-30° 28'	5 Nov 90	4:27	1415.133	QSO 2155-304
PKS2155-304	21h 55m	-30° 28'	6 May 91	9:16	1378.067	QSO 2155-304

GINGA Name	R. A.	Decl.	Date		Exp. Time (min)	ULDA Name
N7172	21h 58m	-32° 07'	26 Oct 89	23:06	1431.000	NGC 7172
BL LAC	22h 00m	42° 02'	15 Jun 88	7:28	991.467	V* BL LAC
BL LAC	22h 00m	42° 02'	16 Jul 88	12:24	2411.600	V* BL LAC
BL LAC	22h 00m	42° 02'	15 Jul 91	20:23	2776.800	V* BL LAC
4C31.63	22h 01m	31° 31'	3 Nov 89	18:32	2257.067	QSO 2201+315
NGC7213	22h 06m	-47° 25'	23 Jun 90	0:58	2417.067	NGC 7213
NGC7213	22h 06m	-47° 25'	29 Oct 90	12:15	980.600	NGC 7213
NGC7213	22h 06m	-47° 25'	30 Oct 90	10:15	2726.667	NGC 7213
3C445	22h 21m	-2° 22'	2 Nov 88	6:30	1399.133	AOO 3C 445
3C446	22h 23m	-5° 12'	9 Jun 87	23:42	2477.267	QSO 2223-052
3C446	22h 23m	-5° 12'	11 Jun 87	18:49	1440.517	QSO 2223-052
3C446	22h 23m	-5° 12'	1 Nov 88	8:06	1343.200	QSO 2223-052
3C446	22h 23m	-5° 12'	1 Nov 90	12:12	977.600	QSO 2223-052
CTA102	22h 30m	11° 28'	7 Jun 87	21:44	1034.200	
CTA102	22h 30m	11° 28'	8 Jun 87	21:49	1035.667	
NGC7314	22h 33m	-26° 18'	27 Oct 88	9:29	1443.267	NGC 7314
MR2251	22h 51m	-17° 51'	2 Nov 89	0:05	1226.533	QSO 2251-178
3CR454.3	22h 51m	15° 52'	27 Nov 87	6:23	1458.667	QSO 2251+158
NGC7469	23h 00m	8° 36'	9 Jul 88	16:07	5294.467	NGC 7469
NGC7469	23h 00m	8° 36'	22 Nov 89	11:02	2762.267	NGC 7469
MCG2-58-22	23h 02m	-8° 57'	19 Jun 89	20:53	1031.600	MRK 926
MCG2-58-22	23h 02m	-8° 57'	5 Jul 89	11:51	1116.200	MRK 926
MCG2-58-22	23h 02m	-8° 57'	5 Nov 89	18:31	1427.000	MRK 926
MCG2-58-22	23h 02m	-8° 57'	24 Nov 89	12:57	1646.933	MRK 926
MCG2-58-22	23h 02m	-8° 57'	7 Jun 91	12:46	2457.600	MRK 926
MCG2-58-22 S	23h 02m	-8° 57'	5 Jul 89	10:14	97.067	MRK 926
NGC7496	23h 06m	-43° 41'	13 May 91	12:34	1076.667	NGC 7496
NGC7582	23h 15m	-42° 38'	25 Oct 88	12:47	1338.867	NGC 7582
NGC7674	23h 25m	8° 30'	27 Nov 89	11:57	1430.933	NGC 7674
NGC7674 SCAN	23h 25m	8° 30'	26 Nov 89	8:47	873.067	NGC 7674