

60 inch Telescope Log			Spectrograph: <u>FAS 7</u>			
Observer: <u>HUCHLA</u>			Grating: <u>300L</u>		Page: <u>3754</u>	
PI: <u>HUCHLA/BELSER/WILKES/Walker</u>			Date: <u>5/30/95</u>			
Number	Object	R.A.	Dec.	L/R	Exp	Comments
1-5	BIAS			0	—	
6-9	DARK			0	900s	
10-15	BIAS			0	—	
16-25	FLAT			0	6s	
26-30	BIAS			0	—	
31	comp			↓		
32	sky			0	60s	
33	sky			0	60s	
34	Comp			↓		
35	ADR2 p43422	04 <sup>h</sup> 49 20	+434207	0	10s	defocused Template
36	" "			0	10s	"
37	" "			0	10s	"
38	Comp			↓		
39	Feige 34	10 30 41.1	+432150	0	60s	STD
40	Comp			↓		
41	M42	11 01 40.6	+332843	6	120s	Weakly
42	Comp			↓		
43	N4151	12 08 01.0	+394102	6	60s	Walker
44	Comp			↓		
45	N4436B	12 28 00	+124559	0	300s	Template
46	Comp			↓		
47	N3115	10 02 44	-072830	0	180s	Template
48	Comp			↓		
49	1025 POSS5 E	10 12 30	+0555	1	240s	E comp strong emission!
50	1025 POSS5 W			1	300	
51	Comp			↓		
52	10193 p083	10 21 52.3	+001817	2	300	Ha!
53	Comp			↓		
54	10193 p0040	10 21 52	+002507	2	300	
55	Comp			↓		

60 inch Telescope Log				Spectrograph: <u>F457</u>		Page: <u>3755</u>	
Observer: <u>Huffman</u>				Grating: <u>200</u>			
PI: <u>Huffman</u>				Date: <u>5/30/95</u>			
Number	Object	R.A.	Dec.	L/R	Exp	Comments	
56	10 202.0 0440	10 20 48	+03 45 05	1	300		
57	Comp			↓			
58	10 223 p0400	10 24 54	+03 51 03	1	300	H <sub>2</sub> 6700	
59	Comp			↓			
60	10 249 p0309	10 27 30	02 54 00	1	300		
61	Comp			↓			
62	10 490 p 0826	10 51 38	+08 10 37	1	600	] H <sub>2</sub> ~ 6680? no??	
63	10 490 p0826			1	600	] This one is hard!	
64	Comp			↓			
65	10 514 p0700	10 54 01	+06 44 35	1	300	H <sub>2</sub> 6720	
66	Comp			↓			
67	10 526 p0607	10 52 06	+06 07	1	300	Nice H <sub>2</sub>	
68	Comp			↓			
69	10 539 p0551	10 56 31	+05 35 23	1	420	H <sub>2</sub> 6700, cm.	
70	Comp			↓			
71	10 541 p0555	10 56 43	+05 39 33	1	300	H <sub>2</sub> 6800	
72	Comp			↓			
73	11 252 p0625	11 25 12	+06 25 20	1	300	] H <sub>2</sub> 6750?	
74	11 252 p0625	"	"	1	300	] Yes!	
75	Comp			↓			
76	12 1215 p0500 A	12 15 00	+05 00	1	600	A <sup>QSO</sup> , consist H <sub>2</sub> lines	
77	Comp			↓			
78	320.000014	12 26 20.8	+26 08 40	3	240		
79	Comp			↓			
80	320.000046	12 28 37.9	+26 09 55	3	420	H <sub>2</sub> at 6700?	
81	Comp			↓			
82	320.000806	12 09 21	+26 12 43	3	480	H <sub>2</sub> 6790	
83	Comp			↓			
84	320.003015	12 27 48	+26 27 20	3	240		
85	Comp			↓			

60 inch Telescope Log			Spectrograph: <u>FAST</u>			
Observer: <u>HUTCH</u>			Grating: <u>300</u>		Page: <u>3756</u>	
PI: <u>GENERAL</u>			Date: <u>5/30/95</u>			
Number	Object	R.A.	Dec.	L/R	Exp	Comments
86	320.007527	12 22 13	+26 23 06	3	240	
87	Comp			↓		
88	320.003820	12 24 04	+26 25 07	3	240	H <sub>2</sub> + a6
89	Comp			↓		
90	320.006445	12 05 33	+26 35 07	3	360	
91	Comp			↓		
92	320.003959	12 21 58	+26 25 57	3	300	
93	Comp			↓		
94	320.006526	12 26 42	+26 35 17	3	360	
95	Comp			↓		
96	327.022086	15 08 20.0	+27 42 08	3	300	
97	Comp			↓		
98	N5548	14 15 43	+25 22 01	6	120	with
99	Comp			↓		
100	Fuse 98	14 36 04	+27 42 58	0	30	S20
101	Comp			↓		
102	F15028 p 3533C	15 02 49	+35 33 47	1	480	}
103	F15028 p 3533C	"	"	1	480	
104	Comp			↓		
105	327.022140	15 08 06	+27 42 32	3	300	
106	Comp			↓		
107	327.022295	15 22 29	+27 42 44	3	480	Class! H <sub>2</sub> at 4600
108	Comp			↓		
109	327.02235 N	15 22 28	+27 43 02	3	480	"
110	Comp			↓		
111	327.022384	15 24 33	+27 43 10	3	360	Sy 2
112	Comp			↓		
113	327.022907	15 24 15	+27 44 59	3	300	
114	Comp			↓		
115	327.023529	15 12 42	+27 47 57	3	360	

60 inch Telescope Log			Spectrograph: <u>FAST</u>		Page: <u>3757</u>	
Observer: <u>Hunter</u>			Grating: <u>3002</u>			
PI: <u>Geller/Wilkes/Hunter</u>			Date: <u>5/30/95</u>			
Number	Object	R. A.	Dec.	L/R	Exp	Comments
116	Comp			↓		
117	327.023885	15 <sup>h</sup> 1214	+27 49 03	3	360	
118	Comp			↓		
119	16068 p 2918 A	16 <sup>h</sup> 06 47.9	+29 18 44	1	900	for focus (A)
120	16068 p 2918 A			1	900	sum 220.16
121	Comp			↓		
122	327.023947	15 04 49	+27 47 49	3	360	H <sub>2</sub>
123	Comp			↓		
124	327.024076	15 12 18	+27 49 32	3	400	
125	Comp			↓		
126	327.024318	15 12 18	+27 50 39	3	300	} sum
127	327.024318	"	"	3	300	
128	Comp			↓		
129	327.031332	15 28 23	+28 13 44	3	360	H <sub>2</sub> ~ 700
130	Comp			↓		
131	327.032384	15 28 56	+28 17 20	3	360	
132	Comp			↓		
133	Rx 1734 p 7844 C	17 34 53	+78 44 00	2	200	object C 6500
134	Rx 1734 p 7844 A			1	30	object A 11500
135	Comp			↓		
136	3C 390.3	18 45 37	+79 43 06	6	300	NOT EXTRACTED PROBLEM WITH OBSERVATION
137	Comp			↓		
138	Rx 1824 p 6349 C	18 24 27	+63 49 57	2	1503	
139	Comp			↓		
140	B0 p 284211	28 <sup>h</sup> 48 57	+28 37 48	0	503	focus
141	B0 p 284211	"	"	0	503	
142	Comp			↓		
143	H0 198 858	20 <sup>h</sup> 49 50	+47 31 07	0	53	Template
144	"	"	"	0	"	
145	"	"	"	0	"	

