

60 inch Telescope Log		Spectrograph: <u>EAST</u>				
Observer: <u>Hucura</u>		Grating: <u>300</u>			Page: <u>3750</u>	
PI: <u>Hucura/Wicks/Wickel</u>		Date: <u>5/29/95</u>				
Number	Object	R.A.	Dec.	L/R	Exp	Comments
1-10	BIAS			0	-	255
11-15	DARK			0	900	256
16-20	BIAS			0	-	
21-30	FLAT			0	6s	
31-35	BIAS			0		clouds
36	COMP			↓		Focus 1120
37	SKY			0	300s	
38	COMP			↓		
39-41	4092 p 43928	09 <sup>h</sup> 49 20	+43 42 07	0	10s	Deformed Template
42-44	4092 p 43928	"	"	0	10s	"
45	COMP			↓		clouds
46	Page 34	10 36 41.1	+43 21 52	0	60s	
47	COMP			↓		
48	MVH 421	11 01 40	+38 28 43	6	120s	wedges
49	COMP			↓		
50	N4451	12 08 01	+34 41 02	6	60	Wicks
51	COMP			↓		
52	N4486B	12 28 00	+12 45 59	0	300	Template
53	COMP			↓		
54	N3115	10 <sup>h</sup> 02 44	-07 <sup>v</sup> 28 30	0	180s	Template
55	COMP			↓		
56	10057 p 0404	10 06 17.9	+03 49 29	1	300s	
57	COMP			↓		
58	10079 p 0625	10 07 54	+06 <sup>v</sup> 25	1	300s	Coord off?
59	COMP			↓		clouds!
60	10080 p 0523	10 10 37	+05 08 23	1	360s	H <sub>α</sub>
61	COMP			↓		
62	10080 p 0749	10 10 38	+07 34 23	1	240	
63	COMP			↓		
64	10085 p 0801	10 11 08.1	+07 46 22	1	240	H <sub>α</sub>

## 60 inch Telescope Log

Observer: HucutaSpectrograph: FASTGrating: 300LPage: 3751PI: Hucuta/Geller/hr.1400Date: 5/29/95

Number	Object	R.A.	Dec.	L/R	Exp	Comments
65	Comp			↓		
66	10087 p0608	10 11 19.1	+05 53 22	1	300	H $\alpha$ ~6750Å
67	Comp			↓		
68	10044 p0335 S	10 11 59.7	+03 20 21	1	300	South Comp
69	10044 p0335 N			1	240	North Comp
70	Comp			↓		
71	10101 p0504	10 12 42	+04 49 20	1	240	
72	Comp			↓		
73	10552 p0818	10 58 49.8	+08 02 32	1	240	Some rain now!
74	10552 p0818			1	300	
75	Comp			↓		
76	10556 p0750	10 58 13.6	+07 34 32	1	300	
77	Comp			↓		
78	10557 p0451	10 58 18.7	+04 35 32	1	300	
79	Comp			↓		
80	10559 p0454	10 58 20	+04 38 32	1	420	H $\alpha$ at 6700
81	Comp			↓		
82	11193 p0553	11 19 18	+05 53	1	480	H $\alpha$ at 6950? yes!
83	11193 p0553			1	480	" "
84	Comp			↓		
85	11196 +0541	11 19 36	+05 41	1	420	Sum
86	11196 +0541			1	420	
87	Comp			↓		
88	11278 +0458	11 27 48	+04 58	1	660	possible H $\alpha$
89	Comp			↓		
90	13276 p0046 S	13 27 32.47	+00 46 02	5	450	S comp.
91	13276 p0046 N			5	360	N comp - strong H $\alpha$ at 7050Å
92	Comp			↓		
93	N5548	14 15 43.5	25 22 01	6	120	ASN
94	Comp			↓		

old 73 + 74

## 60 inch Telescope Log

Observer: HUCKERSpectrograph: F427Grating: 300Page: 3752PI: HUCKER/GELLER/PAULDate: 5/29/95

Number	Object	R.A.	Dec.	L/R	Exp	Comments
95	Feix 98			0	60	
96	Comp			↓		
97	H 61306 p 301	15 <sup>h</sup> 06 47	+30 08 44	31	1800	567 NS N to higher #5
98	H 61306 p 301	"	"	31	1800	
99	Comp			↓		
100	327.013527	15 <sup>h</sup> 03 29.1	+27 09 15	3	300	
101	Comp			↓		
102	327.013539	15 08 43.2	+27 10 43	3	300	
103	Comp			↓		
104	327.013806	15 16 31.1	+27 12 29	3	240	
105	Comp			↓		
106	327.014859	15 08 03.9	+27 <sup>o</sup> 15 43	3	300	
107	Comp			↓		
108	327.015903	15 25 17.8	+27 19 30	3	240	
109	Comp			↓		
110	327.016003 S	15 05 59.26	+27 19 6.7	3	420	S Comp
111	327.016003 N	15 05 59.08	+27 19 29.5	3	360	N Comp
112	Comp			↓		
113	327.019304	15 28 41.9	+27 31 03	3	240	
114	Comp			↓		
115	327.019901	15 19 40.7	+27 35 04.7	3	240	
116	Comp			↓		
117	327.020279	15 14 58.2	+27 36 33	3	360	
118	Comp			↓		
119	327.020381	15 29 22.8	+27 34 43	3	300	
120	Comp			↓		
121	327.021042	15 10 48.9	+27 39 00	3	300	H <sub>2</sub>
122	Comp			↓		
123	F15093 p 2656 A	15 09 17.0	+26 56 32	1	720	H <sub>2</sub> at 7400 Å
124	Comp					

## 60 inch Telescope Log

Observer: HuchraPI: Ceder/HuchraSpectrograph: FASTGrating: 300Page: 3753Date: 5/29/95

Number	Object	R.A.	Dec.	I/R	Exp	Comments
125	327.022005	15 <sup>h</sup> 24 23.2	+27 41 45	3	300	
126	Comp			↓		
127	Z 8434 A + B	21 04 53	+14 01 29	1	900	] Also B Bonslit also to higher #s
128	Z 8434 A + B	"	"	1	660	
129	Comp			↓		
130	RX1824p6349 B	18 <sup>h</sup> 24 27.7	+63 49 57	1	180	Objct B, same as A higher
131	RX1824p6349 A			1	60	objct A
132	comp			↓		
133	3C 390.3	18 45 37	+79 43 06	6	300	AGN TW. 1647!
134	Comp			↓		
135	BD 234211	21 48 57	+28 37 48	0	50s	STD
136	Comp			↓		
137	H0118858	20 49 50	+47 31 67	0	5s	Defocused.
138	↓			0	5s	Template
139	↓			0	5s	
140	↓			0	5s	
141	Comp			↓		
142	Abh 2 p 24	17 <sup>h</sup> 01 06	+24 55 05	0	10s	defocused
143	↓			0	40s	Template
144	↓			0	60s	
145	Comp			↑		
146-150	BIAS			0	-	
151-160	FLATS			0	6	
161-164	DARK			0	900s	

TOTAL P.04