

60 inch Telescope Log

Observer: HUCHRAPI: HUCHRA / GEUERSpectrograph: FASTGrating: 300 2/mmPage: 3462Date: 1/28/95

Number	Object	R.A.	Dec.	L/R	Exp	Comments
1-5	BIAS			-		
6-9	DARK			-	900	
10-13	BIAS			-		
14	Comp			↓	15s	Identified
15	sky			0	120s	Zenith TEST
16	sky			0	300s	"
17-31	FLAT			-	15s	
32-36	BIAS			-	-	
37	COMP			↓		
38	M32	00 ^h 39 58	+40 35 30	0	180s	Gal Template
39	Comp			↓		L
40	225-280	00 41 45	+41 05 01	0	300s	Template
41	Comp			↓		1594.31 1599.57
42	163-217	00 40 33.3	+41° 11 02	0	400s	935.0 939.4 FWHM ~4.5 μ Template
43	COMP			↑		
44	Comp			↓		
45	HD 12623	02 02 18	+62 56 03	0	2s	Template
46	Comp			↓		
47	A262 n 3	01 ^h 45 11	+36 44 12	25	600	H α
48	Comp			↑		
49	A262 n 50	01 47 18	+36 57 36	25	300] Scans blowing up
50	A262 n 50	"	"	25	300	
51	Comp			↓		
52	A262 n 10	01 45 45	+35 01 31	25	480	
53	Comp			↓		
54	A262 n 32	01 46 40	+34 55 48	25	600	
55	UO1277	01 46 30	+35 12 16	1	180s	UGC
56	Comp			↓		
57	01521 p 3511	01 52 01.5	+35 10 32	1	200s	= Mh 1010 = AKN 62
58	A262 n 4	01 45 15.5	+35 18 23	25	600	

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PI: HUCHRA / GELLER

Spectrograph: FAST

Grating: 300

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Number	Object	R.A.	Dec.	L/R	Exp	Comments
59	comp			↓		
60	A262 n 9	01 ^h 45 ^m 37.3	+35 ^o 26 56	25	600	
61	BITS			0		
62	comp			↓		
63	N 669	01 44 18	+35 ^o 18	1	200s	Redshift redo
64	A262 n 38	01 46 57	+35 45 35	25	600s	
65	comp			↓		
66	A262 n 39	01 ^h 47 01.0	+35 ^o 50 43	25	360	stellar weak H α
67	comp			↓		
68	A262 n 47	01 ^h 47 14.4	+35 48 23	25	600	
69	comp			↓		
70	A262 n 52	01 47 21.4	+35 58 56	25	600	← bright G γ in slit also -10 μ H α
71	comp			8		
72	A262 n 79	01 48 00.7	+35 53 53	25	480	
73	A262 n 79			25	300	clouds?
74	comp			↓		
75	A262 n 82	01 48 01.8	+34 20 52	25	600	
76	comp			↓		
77	HZ 15	04 37 55.1	+08 34 50	0	60s	STRID STAR
78	comp			↓		
79	AKN 120	05 13 37.9	-00 12 16	6	300 s	AKN
80	comp			↓		
81	HD 52971	06 57 57	+27 13 42	0	2s	K2 III Template - Average/sum comparisons
82	HD 52971	"	"	0	4s	
83	HD 52971	"	"	0	4s	
84	HD 52971	"	"	0	4s	
85	HD 52971	"	"	0	4s	
86	comp			↑		
87	comp			↓		
88	AS80 A	07 ^h 25 ^m 57.5	+41 ^o 23 10	9	480	

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Number	Object	R. A.	Dec.	L/R	Exp	Comments
89	AS80 E	07 ^h 26 02.4	+41 ^o 23 50	9	720	weak, may be enough.
90	Comp			↑		
91	Comp			↓		
92	311.061787	08 12 9.9	+29 20 56	3	420	
93	311.063773	08 17 32.7	+29 06 47	3	360	
94	Comp			↕		
95	311.067110	08 27 59	+29 14 33	3	360	
96	311.066917	08 29 48	+29 13 40	3	360	
97	Comp			↕		
98	311.069128	08 19 06.2	+29 20 10	3	300	
99	311.073906	08 28 48.2	+29 30 50	3	300	
100	Comp			↓		
101	311.080917	08 ^h 31 09.9	+29 47 39	3	360	
102	Comp			↓		
103	311.078962	08 10 01.3	+29 42 26	3	360	
104	311.074151	08 09 36.3	+29 30 18	3	300	
105	Comp			↓		
106	311.081167	08 15 29.6	+29 49 16	3	300	
107	311.082045	08 24 22.6	+29 51 49	3	300	
108	Comp			↕		
109	311.082345	08 ^h 33 56.2	+29 50 26	3	200	
110	Comp			↓		
111	HB89N090 p285	09 01 30.6	+28 31 31	31	600	Q to higherths, Comp to lower
112	HB89N091 p285	"	"	31	600	
113	Comp			↑		
114	Feige 34	10 36 41.1	+43 21 50	0	30s	Left = East 90 = pinel
115	Feige 34			0	30s	Right = West 70 = pinel.
116	Comp			↑		
117	HB 89 n0804 p499	08 ^h 04 58.4	+49 59 23	31	200s	Comparison on slit, Q ₅₀ find + to lower marks
118	Comp			↑		

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Number	Object	R. A.	Dec.	L/R	Exp	Comments
119	Comp			↓		
120	311.082668	08 ^h 24 57.7	+29 53 20	3	300	
121	311.085085	08 24 43.5	+29 59 22	3	200	Sy 2
122	comp			↕		
123	311.085346	08 29 37.6	+29 59 10	3	240	
124	311.087437	08 77 58	+29 04 54	3	240	
125	Comp			↕		
126	311.089482	08 ^h 28 51.8	+30 09 18	3	240	
127	311.089904	08 26 32.1	+30 10 50	3	300	
128	Comp			↕		
129	311.091594	08 ^h 33 30.6	+30 13 18	3	420	
130	311.091764	08 34 54.9	+30 13 12	3	360	
131	Comp			↕		
132	311.092422	08 34 14.2	+30 14 57	3	240	H _α
133	Comp			↓		
134	N3115	10 ^h 02 44.4	-07°28 30	0	180	Galaxy Template
135	Comp			↓		
136	N4486 B	12 28 00 0	+12 45 59	0	300	Galaxy Template
137	Comp			↓		
138	11300M0151	11 ^h 29 55.9	-01°51 18	5	300	
139	11302 m 0027	11 30 11.8	-00 27 53	5	600	low sb. H _α ~ 6710
140	Comp			↕		
141	11309 m 0206	11 ^h 30 51.9	-02 06 18	5	600	low sb. photo H _α
142	11309 m 0206	"	"	5	600	
143	Q1319 p 0102	11 ^h 31 52	+01 01 52	5	600	H _α double - order on slit too!
144	Comp			↕		
145	11321 p 0025	11 32 05.3	+00 24 04	5	600	H _α at 6750
146	Comp			↕		
147	11322 m 0317	11 32 06.9	-03 17 42	5	420	
148	11323 m 0303	11 32 18	-03°03	5	360	Wrong object marked on chart. H _α

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Number	Object	R. A.	Dec.	L/R	Exp	Comments
149	COMP			↓		
150	11328 M0229	11 ^h 32 44.9	-02 29 51	5	480	H ₂
151	11334 p 0000	11 33 23.7	+00 00 12	5	300	the strong. starburst
152	COMP			↓		
153	11336 m 0249	11 ^h 33 31.1	-02 49 29	5	240	H ₂
154	11337 m0235	11 33 40.5	-02 35 38	5	240	H ₂
155	COMP			↓		
156	11338 m0234	11 33 45	-02 34 14	5	240	
157	11339 m0232	11 33 49	-02 32 52	5	480	H ₂
158	COMP			↓		
159	11340 M0238	11 ^h 34 01	-02 38 06	5	300	+ Companion star to E
160	11346 p0225	11 34 36.9	+02 24 12	5	480	Need to separate.
161	COMP			↑		H ₂ in B band
162	12542 p0804	12 ^h 54 12	+08 ^o 04	5	600	H ₂ ~6890
163	COMP			↓		
164	1254 Companion	"	"	5	420	Supernovae?
165	N4151	12 ^h 08 01	+39 41 02	6	305	AGN
166	COMP			↑		
167	COMP			↓		
168	N5548	14 ^h 15 43	+25 22	6	1205	AGN
169	Ferguson	14 36 04	+27 42	0	505	STD STAR ~ Clouds!
170	SA063275 AB	12 58 34	+38 16 42	1	25	E COMP
171	SA063275 AB			1	25	W COMP
172	COMP			↑		DOME DIED!
173-182	BIAS			-	-	
183-192	FLAT			-	155	
193-197	BIAS			-	-	
198-201	DARK			0	9005	

198-201 NOT included in archive!