

60 inch Telescope Log		Spectrograph: <u>FAST</u>		Page: <u>4107</u>		
Observer: <u>S. Kenyon</u>		Grating: <u>300 gpm</u>		Date: <u>11/22/95</u>		
PI: <u>Wilkes / Geller</u>						
Number	Object	R.A.	Dec.	L/R	Exp	Comments
1-10	BIAS			0	0 ^s	clear @ sunset
11-20	FLAT			0	6 ^s	
21-25	SKY			0	3 ^s	should be sky (lower one)
26	COMP			↑		
27,28	N7331	22:35	34:09	0	2 ^{min}	
29	COMP			↑		
30,31	HD 198858	20:49:51	47:31:07	0	5 ^s	
32	COMP			↑		
33	Mik 509	20:41:26	-10:51:18	6	1 ^{min}	
34	COMP			↑		
35,36	BD+28°4211	21:48:57	28:37:48	0	30 ^s	
37	COMP			↑		
38	Mik 335	0:03:45	19:55:77	6	60 ^s	
39	COMP			↑		
40	520.038730	22:27:57	11:19:53	3	750 ^s	
41	COMP			↑		
42	519.124581	22:04:37	13:20:39	3	1200 ^s	
43	COMP			↑		
44	519.127029	22:05:04	13:25:13	3	1260 ^s	519 all finished
45	COMP			↑		
46	520.036634	22:25:17	11:14:38	3	900 ^s	
47	COMP			↑		
48	520.037802	22:30:41	11:18:00	3	900 ^s	
49	COMP			↑		
50	520.038179	22:35:39	11:18:57	3	900 ^s	
51	COMP			↑		
52	520.039014	22:42:14	11:20:34	3	900 ^s	
53	COMP			↑		
54	520.039112	22:37:19	11:21:15	3	900 ^s	
55	COMP			↑		

gain 1.14
noise 8.8

60 inch Telescope Log

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Number	Object	R.A.	Dec.	L/R	Exp	Comments
56	520.039328	22 24 27	11 21 33	3	900 ^s	
57	COMP			↑		
58	520.041697	22 28 36	11 27 49	3	600 ^s	
59	COMP			↑		
60	520.044380	22 38 13	11 34 26	3	900 ^s	
61	COMP			↑		
62	523.015218	23 52 25	10 31 36	3	450 ^s	many emission lines!
63	COMP			↑		
64	523.018434	23 43 59	10 42 59	3	300 ^s	
65	COMP			↑		
66	523.018507	23 52 59	10 42 33	3	450 ^s	
67	COMP			↑		
68	523.018560	23 54 01	10 42 37	3	750 ^s	
69	COMP			↑		
70	523.019033	23 45 59	10 44 50	3	1000 ^s	maybe too weak
71	COMP			↑		
72	523.020459	23 52 45	10 49 02	3	1200 ^s	
73	COMP			↑		
74	523.029302	23 41 48	11 18 17	3	750 ^s	
75	COMP			↑		
76	469.038561	2 09 17	11 42 08	3	300 ^s	
77	COMP			↑		
78	469.040859	1 54 19	11 48 37	3	450 ^s	
79	COMP			↑		
80	469.067266	2 05 20	13 15 29	3	300 ^s	
81	COMP			↑		
82	469.059310	1 54 06	12 47 56	3	600 ^s	
83	COMP			↑		
84	469.046385	2 02 20	12 06 52	3	900 ^s	
85	COMP			↑		

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PI: <u>Geller/Kirshner/Koronyi</u>				Date: <u>11/22/95</u>		
Number	Object	R.A.	Dec.	I/R	Exp	Comments
86	469.017613	2 00 38	12 10 38	3	900 ^s	
87	COMP			↑		
88	469.051070	1 57 45	12 21 59	3	750 ^s	
89	COMP			↑		
90	469.053727	2 06 35	12 31 11	3	750 ^s	
91	COMP			↑		
92	469.062061	1 57 06	12 57 34	3	600 ^s	
93	COMP			↑		
94	469.067784	2 00 09	13 17 14	3	600 ^s	
95	COMP			↑		
96-97	SN 1995ak	2:45:49	3 13 50	2	900 ^s	bin by 2 <small>grading error on 96 due to head lights</small>
98	COMP			↑		
99	AWM7.2.106	2 54 50	41 37 25	35	750 ^s	bin by 4
100	COMP			↑		
101	AWM7.2.099	2 54 36	41 53 25	35	600 ^s	
102	COMP			↑		
103	AWM7.2.102	2 54 41	41 33 49	35	450 ^s	
104	COMP			↑		
105	AWM7.2.091	2 54 27	41 30 47	35	450 ^s	
106	COMP			↑		
107	AWM7.2.108	2 54 55	41 24 15	35	600 ^s	
108	COMP			↑		
109	311.054604	8 25 55	28 43 55	3	900 ^s	
110	COMP			↑		
111	311.055940	8 35 14	28 45 10	3	900 ^s	
112	COMP			↑		
113	311.062165	8 13 29	29 02 12	3	600 ^s	
114	COMP			↑		
115	311.062480	8 34 35	29 01 24	3	600 ^s	
116	COMP			↑		

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PI: <u>Geller</u>						
Number	Object	R.A.	Dec.	L/R	Exp	Comments
117	311.071510	8 9 12	29 28 53	3	600 ^s	
118	COMP			↑		
119	311.076132	8 12 43	29 36 13	3	600 ^s	
120	COMP			↑		
121	311.081135	8 10 14	29 47 55	3	600 ^s	
122	COMP			↑		
123	311.085398	8 35 52	29 57 15	3	600 ^s	pretty starburst Ha!!
124	COMP			↑		
125	311.094915	8 32 39	30 21 43	3	600 ^s	
126	COMP			↑		
127	311.094948	8 13 30	30 22 51	3	600 ^s	
128	COMP			↑		
129	311.095327	8 29 23	30 23 41	3	600 ^s	
130	COMP			↑		
131	311.096907	8 28 59	30 27 27	3	600 ^s	
132	COMP			↑		
133	SN 1995al	9 50 56	33 33 09	2	600 ^s	bin by 2
134	COMP			↑		
135	SN 1995al	9 50 56	33 33 09	2	600 ^s	bin by 2 again
136	COMP			↑		
137	311.107176	8 37 31	30 49 14	3	500 ^s	bin by 4
138	COMP			↑		
139	N4151	12 08 01	39 41 01	6	30 ^s	
140	COMP			↑		
141-142	Feige 34	10:36:41	43:21:50	0	30 ^s	
143	COMP			↑		
144-153	BIAS			0	0 ^s	
154-163	FLAT			0	6 ^s	