

60 inch Telescope Log

Observer: P. BerndPI: HuchraSpectrograph: FASTGrating: 3002Date: 11/31/97Page: 5216

Number	Object	R.A.	Dec.	L/R	Exp	Comments
1-10	BTAS			0	0s	
11-20	FLAT			0	6s	
21-30	BTAS			0	0s	
31-40	FLAT			0	12s	
41-45	sky	zenith		57	2s	a few scattered clouds
46	COMP			↑		
47-49	HD 2905	00:32	+62:55	57	1s	
50	COMP			↑		
51-53	HD 3360	00:36	+53:53	57	1s	
54	COMP			↑		
55-57	HD 3901	00:42	+50:30	57	1s	
58	COMP			↑		
59-61	HD 3651	00:39	+21:15	57	2s	
62	COMP			↑		
63-65	ZAnd	Z33	+48:49	12	3s, 6s	
66	COMP			↑		
67-69	AXPer	01:36	+54:15	12	5, 9s, 2m	
70	COMP			↑		
71-72	DLTen	01:47	+16:58	12	10, 3m	
73	COMP			↑		
74-75	DLTen	01:33	+29:20	12	20s, 4m	seeing 2"
76	COMP			↑		
77	MRK 335	00:03	+19:55	6	2m	
78	COMP			↑		
79	014914 p3799	01:49	+77:59	25	11m	em
80	COMP			↑		
81	014739 p3503	01:47	+35:03	25	20m	old 1000
82	COMP			↑		
83	014739 p35725	01:47	+36:37	25	20m	
84	COMP			↑		

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Number	Object	R.A.	Dec.	L/R	Exp	Comments
85	470.045472	02:37	+12:37	3	8m	em
86	COMP			↑		
87	470.051302	02:23	+13:04	3	8m	clear skies
88	COMP			↑		
89	470.051410	02:33	+13:04	3	8m	em H
90	COMP			↑		
91	470.053676	02:26	+13:14	3	9m	
92	COMP			↑		
93	470.055423	02:27	+13:22	3	10m	
94	COMP			↑		
95	470.054326	02:42	+13:16	3	9m	wk em
96	COMP			↑		
97	RXJ 0515p0104	05:15:41	+01:04:39	2	15m	XTE simulcast
98	COMP			↑		
99	03243p1225	03:24:19	+12:22	1	5m	* to N
100	COMP			↑		
101	03410p1409	03:41	+14:09	1	5m	
102	COMP			↑		
103	531.036695	02:56	+06:31	SS	9m	
104	COMP			↑		
105	531.035384	02:58	+06:25	SS	9m	em
106	COMP			↑		
107	531.039315	02:52	+06:45	SS	4m	
108	COMP			↑		
109	531.036914	03:06	+06:31	SS	9m	em H
110	COMP			↑		
111	531.047266	03:04	+07:24	SS	9m	wk H+ pix 2175
112	COMP			↑		
113	531.049291	03:04	+07:36	SS	5m	em +
114	COMP			↑		

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Observer: PB

PI: Koranyi/Geller

Spectrograph: FAST

Grating: 302

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Number	Object	R.A.	Dec.	L/R	Exp	Comments
115-116	Hiltner 600	06:42	+02:11	56	45s	
117	COMP			↑		
118	A0752	09:10:23.1	+35:26:03	1	20m	22% S&K0 K-K
119	COMP			↑		seeing worse
120	mkwls_06	09:17	+01:03	35	15m	
121	COMP			↑		
122	mkwls_09	09:19	+01:02	35	7m	bin by 2 supt - ?
123	COMP			↑		
124	mkwls_10	09:19	+01:50	35	10m	
125	COMP			↑		
126	mkwls_11	09:18	+01:23	35	15m	em+
127	COMP			↑		
128	mkwls_12	09:18	+00:38	35	15m	em
129	COMP			↑		
130	mkwls_13	09:20	+00:36	35	20m	LSB em
131	COMP			↑		
132	mkwls_14	09:19	+01:02	35	11m	
133	COMP			↑		
134	mkwls_15	09:19	+01:19	35	20m	V. LSB wk em dk
135	COMP			↑		
136	mkwls_16	09:18	+01:08	35	12m	
137	COMP			↑		
138	mkwls_17	09:18	+01:12	35	20m	LSB em
139	COMP			↑		
140	Z009461	09:48	+02:27	60	12m	em+; also comp to W-M*
141	COMP			↑		moon is up; N wind
142	Z012792	09:47	+01:42	60	9m	em++
143	COMP			↑		
144	Z008085	09:53	+07:50	60	6m	em
145	COMP			↑		

way
 wind is up

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Number	Object	R.A.	Dec.	L/R	Exp	Comments
146	Z004387	09:53	+07:51	60	5m	
147	COMP			↑		
148	N000807N	09:53	+07:52	60	5m	em
149	N000807S	09:53	+07:49	60	5m	wk
150	COMP			↑		
151	N002782	09:42	+14:39	60	5m	
152	COMP			↑		
153	Z006036E	10:03	+10:44	60	7m	
154	Z006036W	10:03	+10:44	60	10m	wk em
155	COMP			↑		
156	Z009788N	10:06	+14:17	60	4m	
157	Z009788S	10:06	+14:17	60	6m	
158	COMP			↑		↑↑ wind
159	Z004092N	09:38	+48:33	60	3m	seeing 2"
160	Z004092S	09:38	+48:33	60	8m	em
161	COMP			↑		
162	Z01895	09:49	+44:06	60	4m	
163	COMP			↑		
164	Z011795N	09:46	+34:00	60	6m	em+
165	Z011795S	09:46	+34:00	60	6m	
166	COMP			↑		
167	Z006296N	09:57	+46:20	60	5m	
168	Z006296S	09:57	+46:20	60	5m	
169	COMP			↑		
170	N000702	10:01	+37:15	60	7m	L93 em
171	COMP			↑		
172	Fergo34	10:36	+43:21	56	2m	
173	COMP			↑		
174	MRK421	11:01	+38:28	6	5m	
175	COMP			↑		

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Number	Object	R. A.	Dec.	L/R	Exp	Comments
176	A000201	10:14	+14:29	60	4m	
177	COMP			↑		
178	Z008367N	10:14	+14:32	60	5m	
179	Z008367S	10:14	+14:32	60	5m	
180	COMP			↑		
181	A000925	10:15	+21:03	60	10m	em
182	COMP			↑		
183	Z003537	10:18	+38:28	60	5m	em
184	COMP			↑		
185	Z005480	10:22	+76:31	60	5m	em
186	COMP			↑		
187	Z006300	10:22	+76:35	60	5m	
188	COMP			↑		
189	Z006241E	11:09	+29:33	60	4m	
190	Z006241W	11:09	+29:33	60	6m	
191	COMP			↑		
192	Z004644E	11:10	+76:57	60	4m	
193	Z004644W	11:10	+76:57	60	4m	
194	COMP			↑		
195	Z007366N	11:10	+28:18	60	3m	
196	Z007366S	11:10	+28:15	60	4m	
197	COMP			↑		
198	Z007368E	11:10	+28:41	60	4m	
199	Z007368W	11:10	+28:41	60	5m	
200	COMP			↑		seeing blowing up
201	A000602E	11:10	+28:41	60	5m	
202	A000602W	11:10	+28:41	60	10m	
203	A000602S	11:10	+28:41	60	4m	
204	COMP			↑		

