

ZMASS Velocity Field Test

60 inch Telescope Log

Observer: CALKINSPI: Muchra, Kochanek, PahreSpectrograph: FASTGrating: 300L/600LPage: 7121Date: 3/12/99

Number	Object	R. A.	Dec.	L/R	Exp	Comments
1-7	DARK				15m	binby 4, 300L, 3" slit
8	FLAT			Test	60s	binby 1, 600L, 2", 494 K1
9	comp			Test		
10	BIAS			Test		
11-15	sky			#57	20s	
16	comp			↑		
17-26	BIAS				0s	
27-36	FLAT				60s	
37	Hiltner 600	6 45	2 08	#56	90s	poor seeing
38	comp			↑		star west
39	G191B2B	5 05	52 49	#56	2m	
40	comp			↑		
41	PG0823p546	8 26	54 27	#56	4m	
42	comp			↑		
43	HD78235	9 08	29 39	Test	N/A	0.5 guide rate
44	comp			↑		
45	HD78235	9 08	29 39	Test	N/A	1.0 guide rate
46	comp			↑		
47	HD78235	9 08	29 39	Test	N/A	2.0 guide rate
48	comp			↑		
49	comp			↓		
50-52	2MJ080036	8 00	15 40	Test	20m	PA=39°, seeing improved
53	comp			↑		star "west"
54	comp			↓		
55-57	2MJ080806.11	8 08	14 49	Test	20m	PA=-5.0°
58	comp			↑		
59	comp			↓		
60-62	2MJ090215.84	9 02	16 49	Test	20m	PA=54°, good seeing
63	comp			↑		
64	HD90717	10 29	29 43	Test	N/A	0.5 guide rate

ZMASS

Velocity Field Test

60 inch Telescope Log

Observer: CALKINSPI: Huchra, Kochanek, PahreSpectrograph: FASTGrating: 600LPage: 7122Date: 3/12/99

Number	Object	R. A.	Dec.	L/R	Exp	Comments
65	comp			↑		
66	G11140	11 37	29 48	#56	4m	
67	comp			↑		
68	comp			↓		
69-71	ZMJ091348.50	9 13	16 51	Test	20m	
72	comp			↑		
73	HD 81786	16 15	31 27	Test	N/A	0.5 guide rate
74	comp			↑		
75	comp			↓		
76-78	ZMJ102511.52	10 25	17 14	Test	20m	
79	comp			↑		
80	comp			↓		
81-83	ZMJ104851.09	10 48	12 59	Test	20m	PA = 109, seeing deteriorating
84	comp			↑		
85	HD115004	13 13	46 09	Test	N/A	0.5 guide rate
86	comp			↑		
87	comp			↓		
88-90	ZMJ160629.76	16 06	17 44	Test	20m	PA = 24°, seeing stabilized
91	comp			↑		
92	comp			↓		
93-94	ZMJ142658.25	14 27	12 52	Test	20, 10m	PA = 22°, scan rising
95	comp			↑		
96	HD147025	16 18	25 53	Test	N/A	0.5 guide rate
97	comp			↑		
98	BDP332642	15 51	32 57	#56	2.5m	
99	comp			↑		
100-104	sky			#57	5s	
105	comp			↑		
106-115	BIAS				0s	
116-125	FLAT				60s	
126-135	DARK				15m	