

TELESCOPE : Clay
 INSTRUMENT : MILKE
 CONFIGURATION :
 OBSERVER(S) : A. McWilliam
 ASSISTANT :

WEATHER :
 TEMPERATURE :
 WIND :

Date : 7/8 May 2008
 Night 1 of 4
 Page 1 of 10

excellent children's wine → Falernia (Grand Reserve) OBSERVING LOG (E. Aguirre)

Tamaya (Orson Valley)

File	Object	UT Start	Exp. Sees	Filter	Airmass	Seeing	Comments
1010	Milky (2x1)	17:25	R 10 B 20		1.00		2x2 bin FAST R.O. to slit 2x1 bin fast RO
1011	Milky (2x1)	17:57	"		1.00		2x1 bin fast RO
1021	Milky (2x1)	18:00	"		1.00		2x1 bin fast RO
1022	Milky (2x1)	18:19	6		1.00		0.5 x 5.0 slit 2x1 bin Fast RO
1023	Milky (2x2)	18:30	6		1.00		2x2 bin 1x5 slit ASTRO Also bought for Ke to
1024	Milky (2x2)	18:33	R 2 B 4		1.00		2x2
1025	Milky (2x2)	22:55	5		1.678	0.58"	2x2 1x5 slit Fast RO
1026	"	22:57	5		1.670	0.53	"
1027	"						"
1028	Milky (2x2)	23:00	2		1.644		" TALONIC
1029	Milky (2x2)	23:02	2 R B		1.644		"
1030	Milky (2x2)	23:07	3600		1.519	0.52"	slow RO Gen A GC
1031	"	0:08	3600		1.264	0.38"	slow RO Tamp 1
1032	Milky (2x2)	1:10	2		1.120		Some residuals w/ MILKE read.
1033	Milky (2x2)	1:17	6		1.549		2x1 bin 0.5 x 5" slit
1034	Milky (2x2)	1:20	600		1.530	0.49"	slow RO Gen A GC
1035	"	1:32	600		1.455	0.47"	slow RO
1036	"	1:43	600		1.392	0.43"	slow RO
1037	Milky (2x2)	1:56	4 R 8 B				slow RO

OBSERVING LOG

TELESCOPE : Classic
 INSTRUMENT : WHTC
 CONFIGURATION :
 OBSERVER(S) : A. McWilliam
 ASSISTANT : Mauricio

WEATHER :
 TEMPERATURE :
 WIND :

Date : 7/18 May
 Night 1 of 4
 Page 2 of

File	Object	UT Start	Exp. Secs	Filter	Airmass	Seeing	Comments
1038	10733 in Nov 5897	1:58	720		1.323	0.38" π	0.5x 5" slit
1039	"	2:12	720		1.268	0.40" π \rightarrow 0.36" π	2x1 binning
1040	"	2:25 1/2	720		1.220	0.39" π \rightarrow	
1041	13759 in Nov 5897	2:41 1/2	900		1.171	0.45" π \rightarrow	
1042	"	2:58	900		1.130	0.52	
1043	"	3:14 1/2	900		1.097	0.46" π	
1044	TA Ar	3:31 1/2	5		1.069		
1045	11808 in Nov 5897	3:34 1/2	1200		1.065	0.47" π \rightarrow 0.43" π	
1046	"	3:56	1200	E1:00	1.039	0.44" π	
1047	"	4:18	1200	0:38 1/2 E	1.021	0.37" π	
1048	quartz	4:40	4 ^R 6 ^B	0:16 E	1.012		
1049	Sgr N - 4210457	4:43 1/2	8600	3:49 1/2 E	1.530	0.43" π \rightarrow 0.32" π	[RE] ~ -0.34 Sgr v ~ 16.34
1050	"	5:45	3600	2:47 E	1.237	0.37" π	Looking for weather Sgr
1051	"	6:47	3600	1:46 E	1.086	0.36" π \rightarrow 0.32" π \rightarrow 0.33" π \rightarrow 0.36" π	
1052	"	7:48	3660	0:44 1/2 E	1.015	0.37" π \rightarrow 0.40" π \rightarrow 0.36" π	
1053	lensed bulge dwarf	8:55 1/2	1800	1:10 1/2 W	1.038	0.46" π \rightarrow 0.52" π	for Bessby/Gould
1054	"	9:27	2400	1:41 W	1.087	0.44" π	
1055	18-18 5550	10:10	600	0:33 W	1.028	0.44" π ?	Blaze stel,
1056 1057	"	10:13	60 ea	0:37 W	1.029		

H.A.

OBSERVING LOG

TELESCOPE : Clay
 INSTRUMENT : MIKE
 CONFIGURATION : _____
 OBSERVER(S) : A. McWilliam
 ASSISTANT : Mauricio

WEATHER : _____
 TEMPERATURE : _____
 WIND : _____

Date: 8th May 2002
 Night: 2 of 4
 Page 4 of _____

U130504

File	Object	UT Start	Exp. Secs	Filter	Airmass	Seeing	Comments
2001	Milky (2x2)	19:26	B12 R6	0	1.0		2x2 bin, 1x5 slit, fast red
2001	Milky (2x1) loop 9	19:36	B10 B20	0	1.0		2x1 bin, " " "
2020	Milky (2x2)	19:52	R2 B4	0	1.0		1x5" slit, 2x2 bin fast red.
2021	quartz	19:54	R2 R4	0	1.0		2x2 bin, 1x5 slit, fast red.
2022	screen quartz	22:17 1/2	60	0	1.0		
2023 2024	"	22:19 1/2	60	0	1.0		
2025	HR4172	22:40	10	1:35 E	1.127		⊕ HD 2x2 bin, 1x5 slit, Red FAS
2026 2027	" loop 2	22:41	15 ea	1:33 1/2 E	1.124		
2028	Mar	22:44	2	1:30 E	1.119		
2029	quartz	22:46	2 R 4 B	1:29 E	1.116		
2030	C11 in Cen A	22:53	4500	4:07 E	1.576	1.3" → 1.00" → 1.17"	v. FAST Red 1.0a
2031	"	0:17	1100	2:43 E	1.225	1.4"	← NO GOOD SN - windy clouds
2032	HD 128587	0:56	90	3:06 E	1.349		blaze star
2033 2034	" loop 2	0:58 1/2	90			0.9"	
2035	THA	1:04	5	2:58 E	1.313		2x1 bin 0.5x5" sl. (slow red)
2036	quartz	1:06 1/2	4 R 6 B	2:56 E	1.303		
2037	11808 in NGC5897	1:10 1/2	1800	3:42 E	1.569	0.7"	clouds - paused for 4 min

MIKE
 = 15.1
 repeats 1

Rawlins Point B 1148.0

TRUCKE Nov 14.0

OBSERVING LOG

TELESCOPE : Clay
 INSTRUMENT : MLKE
 CONFIGURATION :
 OBSERVER(S) : A. McWilliam
 ASSISTANT : Mauricio

WEATHER :
 TEMPERATURE :
 WIND :

TRUCKE Nov 13.6°C

Date : 8/9 May 2
 Night 2 of 4
 Page 5 of

File	Object	UT Start	Exp. Sees	Filter	Airmass	Seeing	Comments
2038	11808 in NGC5847	1:14 ¹ / ₂	2700	3:05 E	1.352	0.9" <u>good</u>	Wind, 109F ~ 1 mag over yesterday and cloud.
2039	8551 in NGC5897	2:38 ¹ / ₂	1800	2:14 E	1.169	0.8" <u>good!</u>	much cloud now, wind abating.
2040	8551 "	3:11	600	1:42 E	1.096	<u>good!</u>	
2041	thar	3:22 ¹ / ₂	5	1:30 E	1.076		
2042	quartz	3:25	4 ^R 6B	1:27 ¹ / ₂ E	1.073		
2043	8551 in NGC5897	3:29	1800	1:24 E	1.067	0.85" <u>good</u>	7 min pause
2044	"	4:18	1800	0:34 E	1.019	1.3" <u>OK, not good</u>	clouds
2045	"	5:09	940	0:16 W	1.012	0.95" <u>OK, not good</u>	OK signal. Wind shut us down 4:20pm
2046	thar	5:51	5	0:00	1.000		
2047	quartz	5:53	4 ^R 6B	0:00	1.000		
2048	screen quartz	5:54	5	0:00	1.000		no good.
2049	screen quartz 15093	5:58 ¹ / ₂	90	0:00	1.000		✓

OBSERVING LOG

TELESCOPE : M1KÉ
 INSTRUMENT : CLAY
 CONFIGURATION :
 OBSERVER(S) : A. McWilliam
 ASSISTANT : Maurice Forge

WEATHER :
 TEMPERATURE :
 WIND :

Date: 10/11 May
 Night 3 of 4
 Page 6 of 10

File	Object	UT Start	Exp. Secs	FWHM	Airmass	Seeing	Comments
3001	milky 2x2	19:25	R 6 B 12				2x2 bin 1x5 slit FAST R.O.
3002 → 3009	milky 2x2 loop8	19:26 1/2	R 6 B 12			Trace = 10.2 R.FOCUS = 1075.2 B.FOCUS = 1154.4	
3010	milky 2x1	19:33	R 10 B 20				
3011	milky 2x1 loop 11	19:35	"				
3022 → 3024	screen quartz	22:29 1/2	60	0:00	1.00		↓ 2x2 1x5 slit R.O. FAST
3025	thor	22:50	2	0:00	1.00		
3026	HR 4172	22:51	10	1:15 ^E	1.095	0.72 ["]	
3027 → 3028	" loop2	22:52	10 pa	1:14 ^E	1.093	"	90° slit 2300 UT.
3029	Seymour	22:56 1/2	540	0:02 ^W	1.003	0.85 ["]	slow
3030	quartz	23:07	R 2 B 4	0:12 ^W	1.004		
3031	C11 in N528	23:10	3600	3:42 ^W	1.442	1.4 ["] 1.14 ["]	1.5-12-88 ["] 71 ["]
3032	C11 in NGC 5128	0:11	3600	2:44 ^W	1.221	0.96 ["] 1.67 ["] 0.9 ["] 0.85 ["] 0.74 ["]	
3033	HD 128587	1:20	90	2:34 ^E	1.223	1.20 ["]	blaze sha.
3034	"	1:22 1/2	90	2:32 ^E	1.216	0.81 ["]	
3035	thor	1:25	2	2:29 ^E	1.207		
3036	12509 in NS 897	1:28	1200	3:17 ^E	1.410	0.95 ["] 1.0 ["]	2x1 bin 0.5x5 slit
3037	thor	1:49 1/2	5	2:55 ^E	1.308		
3038	quartz	1:51 1/2	R 4 B 6	2:53 ^E	1.299		↑

H4

Pa 1

OBSERVING LOG

TELESCOPE : Chasy
 INSTRUMENT : MIR-E
 CONFIGURATION :
 OBSERVER(S) : A. McWilliam
 ASSISTANT : Mauricio

WEATHER :
 TEMPERATURE :
 WIND :
 HA

Date : 16/11 May 20
 Night 3 of 4
 Page 7 of


File	Object	UT Start	Exp. Secs	Filter	Airmass	Seeing	Comments
3039	12509 in M35897	1:53 $\frac{1}{2}$	1800	2:51 \bar{E}	1.291	0.96 \bar{r} - 0.82 \bar{r}	2x1 bin 0.5x5.0 S1
3040	"	2:25	1800	2:19 \bar{E}	1.183	0.69 \bar{r} - 0.43 \bar{r} - 0.67 \bar{r} - 0.75 \bar{r}	variable seeing 1 (3000 K)
3041	"	2:56 $\frac{1}{2}$	1800	1:48 \bar{E}	1.108	0.74 \bar{r} - 0.85 \bar{r} - 0.71 \bar{r}	
3042	11527 in M35897	3:30	1800	1:14 \bar{E}	1.055	0.72 \bar{r} - 0.65 \bar{r}	variable seeing 1 M35897 in M35897 Eu region??
3043	11527 in M35897	4:02	1800	0:42 \bar{E}	1.024	0.70 \bar{r} - 0.65 \bar{r} - 0.57 \bar{r}	
3044	thar	4:34	5	.			a little cirrus low wind (good seeing)
3045	5gr-N 42104457	4:36	3600	3:45 \bar{E}	1.504	0.96 \bar{r}	
3046	5gr-N -38003327	5:42	3600	2:40 \bar{E}	1.213	0.92 \bar{r}	
3047	"	6:43	3600	1:38 \bar{E}	1.073	0.80 \bar{r} - 0.69 \bar{r} - 0.67 \bar{r}	(TR147) = -0.80 $T_{90} = 3000$
3048	"	7:45	3600	0:36 \bar{E}	1.010	0.75 \bar{r} - 0.64 \bar{r} - 0.75 \bar{r}	
3049	"	8:48	4500	0:27 \bar{W}	1.006	0.87 \bar{r} - 0.74 \bar{r}	
3050	BD-185550	10:07	60	0:42 \bar{W}	1.033	0.82 \bar{r}	
3051	"	10:09	60	0:45 \bar{W}	1.035	0.78 \bar{r}	} place stel
3052	"	10:12	120	0:47 \bar{W}	1.037	0.66 \bar{r}	
3053	"	10:16	120	0:51 \bar{W}	1.040	0.75 \bar{r}	
3054	HR7889	10:22	4	0:16 \bar{W}	1.033		⊕ stel
3055	"	10:23 $\frac{1}{2}$	10	0:18 \bar{W}	1.034		
3056	thar	10:26 $\frac{1}{2}$	5	0:21 \bar{W}	1.035		
3057	quartz	10:28 $\frac{1}{2}$	R \bar{r} B \bar{r}	0:23 \bar{W}	1.036		

TELESCOPE : Clay
 INSTRUMENT : MIKE
 CONFIGURATION :
 OBSERVER(S) : A. McWilliam
 ASSISTANT : Mauricio + Jorge

WEATHER :
 TEMPERATURE :
 WIND : WIND

Mauricio N. found non-linear response on both CCDs if
 OBSERVING LOG incl scan files

Date : 11/12 May
 Night 4 of 4
 Page 9 of

File	Object	UT Start	Exp. Secs	Filter	Airmass	Seeing	Comments
4001	Char	22:15 1/2	2	0:07	1.110		ZXL bin 1x5 FIRST RD
4002	quartz	22:17	8 2/4				(MIKE 13.5" c)
4003	supernova	22:34	600	0:17 E	1.005	0.7" π	
4004	"	22:44	300	0:06			
4005	"	22:53 1/2	600	0:03 W	1.003	0.56" π	←  FIRST RD
4006	C11 in NGC 5129	23:08	3600	3:41 E	1.435	0.80" π - 0.70" π - 0.62" π - 0.55" π	new scan RD
4007	"	0:09	3600	2:40 E	1.217	0.67" π - 0.65" π	
4008	"	1:10	3600	1:39 E	1.097	0.60" π - 0.54" π - 0.52" π	
4009	HL5140	2:10	6	0:54 E	1.169	0.61" π	⊕ std
4010	"	2:13	6	0:53 E	1.168		
4011	HD 128587	2:16	60	1:34 E	1.080		
4012	"	2:17 1/2	60 ea	1:32 E	1.077	0.62" π	} blaze std.
4013	"	2:17 1/2	60 ea	1:32 E	1.077	0.62" π	
4014	Char	2:22	2	1:29 E	1.071		FIRST RD
4015	quartz	2:22 1/2	8 2/4	1:27 1/2 E	1.070		
4016	screen quartz	2:24 1/2	60	1:26 E	1.067		
4017	"	2:26 1/2	60 ea	1:24 E	1.064		
4018	"	2:26 1/2	60 ea	1:24 E	1.064		
4019	Char	2:30 1/2	5	1:19 E	1.058		* ZXL bin, slow RO; 0.5x
4020	quartz	2:32	8 2/4	1:18 E	1.056		

OBSERVING LOG

TELESCOPE : Clay
 INSTRUMENT : M1K5
 CONFIGURATION : _____
 OBSERVER(S) : A. McWilliam
 ASSISTANT : Mauricio + Jorge

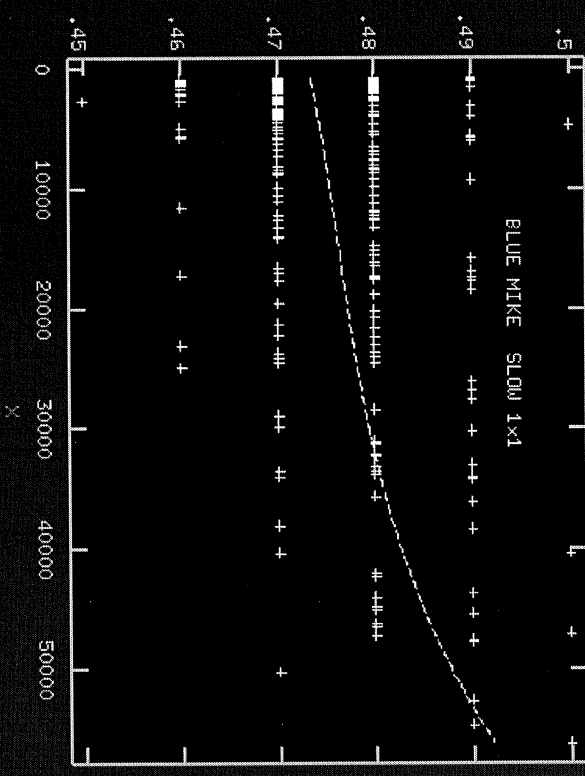
WEATHER : _____
 TEMPERATURE : _____
 WIND : _____

Date : 11/12 May 2
 Night 4 of 4
 Page 10 of 10

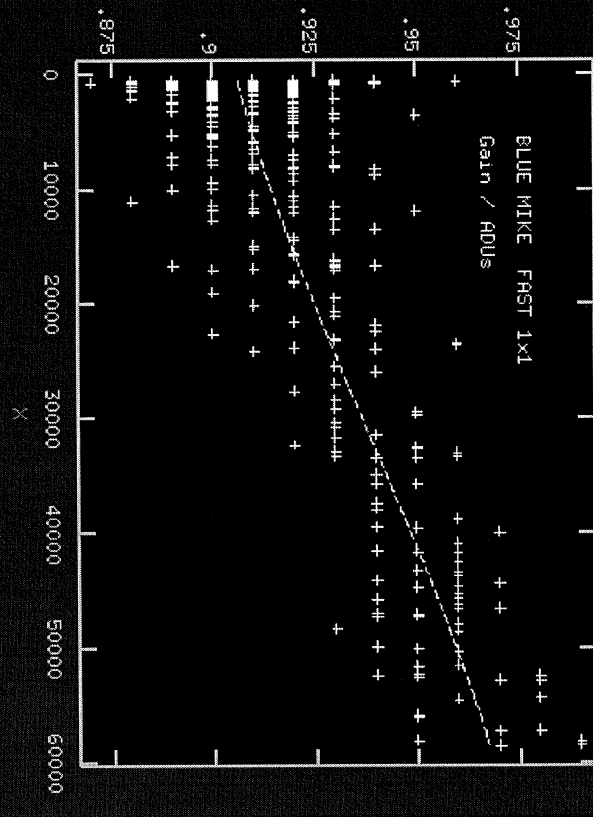
File	Object	UT Start	Exp. Secs	Filter	Airmass	Seeing	Comments
4021	11527 in M65817	2:36	1800	2.05 ^E	1.146	0.53 ^π	D.5x5 slit; 2x1 bin; slow RA
4022	8823 in NS817	3:09 ^h	1800	1.31 ^E	1.079	0.52 ^π	
4023	"	3:41	1800	0.59 ^E	1.038	0.64 ^π	
4024	"	4:12 ^h	1800	0.28 ^E	1.016	0.68 ^π - 0.74 ^π - 0.62 ^π - 0.57 ^π	
4025	24066877 ^{Sgr}	4:46 ^h	3600	3.31 ^E	1.423	0.66 ^π - 0.54 ^π	2842 Sgr nucleus ^{FRANJN - 0.2} _{v = 15.94}
4026	24066877 in Sgr	5:49	3600	2.29 ^E	1.180	0.70 ^π - 0.58 ^π - 0.53 ^π	2905
4027	star	6:51	5	1.27 ^E	1.057		
4028	quartz	6:53	8 ^h 6 ^s	1.25 ^E	1.054		
4029	24066877 in Sgr N	6:54 ^h	3600	1.23 ^E	1.052	0.52 ^π - 0.51 ^π - 0.50 ^π	3024
4030	24066877 in Sgr N	7:56	3600	0.21 ^E	1.004	0.54 ^π - 0.67 ^π	2629
4031	"	8:57 ^h	3600	0.40 ^W	1.012	0.50 ^π - 0.67 ^π - 0.43 ^π	Some clouds
4032	BD-18 5550	10:01	60	0.40 ^W	1.032	0.55 ^π	← FIRST RO
4033	"	10:03 ^h	90ea	0.43 ^W	1.034	0.46 ^π	Blaze std
4034	"	10:03 ^h	90ea	0.43 ^W	1.034	0.46 ^π	⊕ std.
4035	HR 7389	10:11 ^h	10	0.10 ^W	1.032		
4036	star	10:13 ^h	5	0	1.0		
4037	quartz	10:15	8 ^h 4 ^s 6 ^s	0	1.0		
4038	screen quartz	10:18	90	0	1.0		
4039	"	10:21	90ea	0	1.0		

H/A

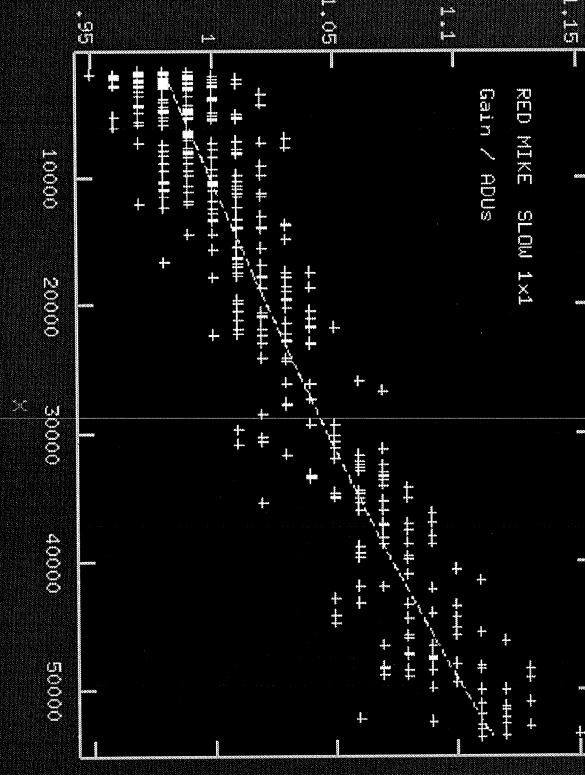
NDDO/IRAF V2.15.1a obs2@zorro.lcc.cl Sat 16:58:05 11-May-2013
func=legendre, order=4, low_rej=3, high_rej=3, niterate=0, grow=0
total=3566, sample=3566, rejected=0, deleted=0, RMS=0.007588
STDIN



NDDO/IRAF V2.15.1a obs2@zorro.lcc.cl Sat 17:00:26 11-May-2013
func=legendre, order=4, low_rej=3, high_rej=3, niterate=0, grow=0
total=400, sample=400, rejected=0, deleted=0, RMS=0.01354
STDIN



NDDO/IRAF V2.15.1a obs2@zorro.lcc.cl Sat 17:01:49 11-May-2013
func=legendre, order=4, low_rej=3, high_rej=3, niterate=0, grow=0
total=388, sample=388, rejected=0, deleted=0, RMS=0.01481
STDIN



NDDO/IRAF V2.15.1a obs2@zorro.lcc.cl Sat 17:03:54 11-May-2013
func=legendre, order=4, low_rej=3, high_rej=3, niterate=0, grow=0
total=397, sample=397, rejected=0, deleted=0, RMS=0.01569
STDIN



is that
the data?