INT OBSERVING LOG (ISAAC NEWTON GROUP, LA PALMA)

TELESCOPE: INT
DATE: 20001026
TAPE NR:
OBSERVER: S. Hodgkin
PROGRAMME: wide angle survey
PATT/CAT REF.: WFS09+M31
TELESCOPE OPERATOR:
SUPPORT ASTRONOMER: -

TELESCOPE FOCUS: 46.15 mm
CALIBRATE RESULTS: HI 42.58 +/- 3.37, DI -38.64 +/- 1.11, HC 54.76 +/- 2.44, Sky sigma 2.94

INSTRUMENT: WFC

WFC FILTER WHEEL: i, r, U, Z, g, KPB

WEATHER: (1st half) bad
(2nd half) fair
CLOUD COVER (%): (1st half) 100
(2nd half) 0
DUST (0-2): (1st half) 0
(2nd half) 0
SEEING (arcsec): (1st half)
(2nd half) 1.4

DOME OPENED (UT): 03:40

METEOROLOGICAL PARAMETERS

LT	AirT	Hum%	Wspd	Gust	Wdir	Press	LocT	IntT	Mirr	LocRH	IntRH
19:00	3.4	98	28.1	32.6	35	771.1	3.7	12.1	12.5	96	57
20:00	5.8	68	23.8	26.0	62	771.6	6.0	12.1	12.2	64	54
21:00	3.7	99	33.4	39.1	68	772.1	3.8	10.0	12.2	99	68
22:00	3.8	100	7.5	10.0	189	772.5	4.1	10.3	12.1	100	69
23:00	4.7	100	5.4	7.0	131	772.9	4.8	10.0	12.1	100	71
00:00	4.5	100	41.3	44.7	51	772.8	4.8	9.7	11.8	97	67
01:00	2.7	100	18.4	23.5	78	772.6	2.9	9.5	11.9	100	73
02:00	4.3	92	15.7	17.4	59	772.6	4.1	9.0	11.6	95	68
03:00	4.8	84	13.2	15.0	136	772.4	4.1	8.9	11.5	98	70
04:00	5.3	85	12.5	14.2	30	772.2	5.9	8.6	11.4	78	67
05:00	9.6	27	14.9	16.9	75	772.2	9.5	9.1	10.6	28	35
06:00	8.4	31	17.0	19.4	32	772.4	8.5	8.7	10.1	31	33
07:00	9.9	20	5.9	7.2	54	772.4	10.3	9.0	10.1	18	23

SUNSET(UT) 18:39
EVENING TWILIGHT(UT) 19:51
MORNING TWILIGHT(UT) 06:01
SUNRISE(UT) 07:13
MOON'S QUARTER (1-4) 4
DISK % OF ILLUM. 1
DARK TIME 10:10
TWILIGHT TIME 02:24
MOONRISE(UT) 07:11
MOONSET(UT) No moonset within sunset-sunrise

TIME LOST(WEATHER): 7:
TIME LOST(TECHNICAL): 00:00
TIME LOST(OTHER): 00:00

COMMENTS:
100% Humidity until 03:40 - seeing 2 arcsecs - improving to 1.2 arcsecs

Run no.	Object name	RA	Dec.	Equinox	AM	PA	UT	Exp. T.	Filter	Psys	Channel	Binning	Comments
233843	Bias	0:00:00.00	+00:00:00.0	A	1.148	180.0	13:06:39.5	0.0	B	Kitt Peak		1 x 1	
233845	Focus run	3:54:30.99	+00:31:05.1	J2000.00	1.184	180.0	03:50:13.6	10.1	r	Sloan		1 x 1	
233846	Focus run	3:54:30.99	+00:31:05.1	J2000.00	1.195	180.0	03:56:46.9	10.1	r	Sloan		1 x 1	
233847	wfsj0347+2400-iz23	3:47:25.38	+22:28:39.4	J2000.00	1.082	180.0	04:06:26.1	599.4	i	Sloan		1 x 1	
233848	wfsj0347+2400-iz23	3:47:25.38	+22:28:39.6	J2000.00	1.105	180.0	04:19:08.4	599.6	z	Gunn		1 x 1	
233849	wfsj0347+2400-iz23	3:41:13.62	+22:47:13.6	J2000.00	1.158	180.0	04:31:44.7	1198.2	z	Gunn		1 x 1	iz27
233850	wfsj0347+2400-iz23	3:41:13.63	+22:47:13.4	J2000.00	1.226	180.0	04:54:54.9	1198.8	i	Sloan		1 x 1	iz27
233851	wfsj0347+2400-iz28	3:47:53.00	+25:55:37.2	J2000.00	1.254	180.0	05:18:37.0	599.4	i	Sloan		1 x 1	
233852	wfsj0347+2400-iz28	3:47:52.99	+25:55:37.3	J2000.00	1.300	180.0	05:30:26.6	599.1	z	Gunn		1 x 1	
233853	wfsj0347+2400-iz29	3:51:44.29	+22:33:41.4	J2000.00	1.359	180.0	05:43:16.6	599.3	z	Gunn		1 x 1	
233854	wfsj0347+2400-iz29	3:51:44.30	+22:33:41.5	J2000.00	1.415	180.0	05:54:19.5	599.3	i	Sloan		1 x 1	
233855	grb	8:36:36.50	-13:04:29.9	J2000.00	1.413	180.0	06:08:25.3	899.1	r	Sloan	1	1 x 1	
233856	grb	8:36:36.50	-13:04:29.9	J2000.00	1.388	180.0	06:24:37.4	499.7	g	Sloan	1	1 x 1	
233857	sa98-670 g	6:52:12.00	-00:19:17.0	J2000.00	1.178	180.0	06:35:22.8	10.1	g	Sloan	1	1 x 1	
233858	sa98-670 r	6:52:11.99	-00:19:16.9	J2000.00	1.180	180.0	06:36:33.0	10.1	r	Sloan	1	1 x 1	
233859	sa98-670 i	6:52:12.00	-00:19:17.0	J2000.00	1.181	180.0	06:37:42.2	10.1	i	Sloan	1	1 x 1	
233860	sa98-670 Z	6:52:11.99	-00:19:17.0	J2000.00	1.183	180.0	06:38:51.3	20.1	z	Gunn	1	1 x 1	
233861	sa98-670 U	6:52:12.00	-00:19:17.0	J2000.00	1.185	180.0	06:40:11.8	60.1	U	RGO	1	1 x 1	
233862	Flat field	8:01:00.00	+49:59:59.9	J2000.00	1.073	180.0	06:43:51.1	101.8	i	Sloan	1	1 x 1	
233863	Flat field	8:01:03.11	+50:00:30.0	J2000.00	1.073	180.0	06:48:19.5	37.1	i	Sloan	1	1 x 1	
233864	Flat field	8:00:59.99	+50:00:00.0	J2000.00	1.073	180.0	06:50:18.9	23.0	r	Sloan	1	1 x 1	
233865	Flat field	8:01:03.11	+50:00:29.9	J2000.00	1.073	180.0	06:52:07.3	14.3	r	Sloan	1	1 x 1	
233866	Flat field	8:01:00.00	+50:00:00.0	J2000.00	1.073	180.0	06:53:57.2	4.1	g	Sloan	1	1 x 1	
233867	Flat field	8:01:03.11	+50:00:29.9	J2000.00	1.073	180.0	06:55:22.9	2.1	g	Sloan	1	1 x 1	
233868	Flat field	8:01:00.00	+49:59:59.9	J2000.00	1.073	180.0	06:56:59.6	7.6	z	Gunn	1	1 x 1	
233869	Flat field	8:01:03.11	+50:00:29.9	J2000.00	1.073	180.0	06:58:46.7	4.1	z	Gunn	1	1 x 1	
233870	Flat field	8:01:06.22	+50:01:00.0	J2000.00	1.074	180.0	07:00:41.5	2.1	z	Gunn	1	1 x 1	