INT OBSERVING LOG (ISAAC NEWTON GROUP, LA PALMA)

TELESCOPE:	INT
DATE:	20001020
TAPE NR:	INTD4534
OBSERVER:	S. Hodgkin
PROGRAMME:	wide angle survey
PATT/CAT REF.:	WFS09+M31
TELESCOPE OPERATOR:	J. Rey
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) fair
	(2nd half) fair
CLOUD COVER (%):	(1st half) 10
	(2nd half) 0
DUST (0-2):	(1st half) 0
	(2nd half) 0
SEEING (arcsec):	(1st half) 1.5
	(2nd half) 1.3
DOME OPENED (UT):	18:30

METEOROLOGICAL PARAMETERS

UT	AirT	Hum%	Wspd	Gust	Wdir	Press	LocT	IntT	Mirr	LocRH	IntRH
19:00	9.9	18	13.4	15.5	284	772.2	9.5	13.5	13.3	17	18
20:00	8.3	36	22.1	24.9	294	772.2	8.6	10.9	13.2	35	29
21:00	7.5	77	24.0	25.9	326	772.4	8.2	10.3	12.4	58	54
22:00	6.7	88	17.2	18.1	350	772.6	7.0	9.2	12.5	76	74
23:00	9.1	53	11.8	12.6	346	772.9	9.6	9.8	11.9	51	48
00:00	8.9	51	16.9	18.8	274	772.9	9.5	10.0	12.0	47	45
01:00	8.1	57	20.4	22.1	308	772.5	8.9	9.4	11.7	53	52
02:00	8.3	55	22.6	23.2	278	772.3	8.6	9.9	11.7	54	49
03:00	5.6	100	29.4	30.8	329	771.6	6.1	9.9	11.8	100	74
04:00	7.9	45	26.3	27.8	273	771.4	8.0	8.8	11.7	43	43
05:00	8.5	6	28.4	29.6	354	770.9	9.1	9.6	11.3	5	7
06:00	8.6	9	27.9	31.3	285	770.8	8.9	9.7	11.1	9	9
07:00	7.9	14	20.6	23.7	282	770.6	8.3	8.9	10.6	13	14

SUNSET(UT)	18:44
EVENING TWILIGHT(UT)	19:56
MORNING TWILIGHT(UT)	05:57
SUNRISE(UT)	07:09
MOON'S QUARTER (1-4)	4
DISK % OF ILLUM.	44
DARK TIME	10:01
TWILIGHT TIME	02:24
MOONRISE(UT)	00:59
MOONSET(UT)	No moonset within sunset-sunrise
TIME LOST(WEATHER):	01:20
TIME LOST(TECHNICAL):	00:00
TIME LOST(OTHER):	00:00

Run no.	Object name	RA	Dec.	Equinox	AM	PA	UT	Exp. T.	Filter	Psys Channel		Binning	Comments
233735	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	180.1	13:30:58.8	0.0	B	Kitt Peak		1 x 1	
233736	Flat field	17:00:00.00	+41:00:00.0	J2000.00	1.216	180.0	18:53:26.9	2.1	U	RGO		1 x 1	
233737	Flat field	17:00:00.00	+41:00:00.0	J2000.00	1.219	180.0	18:54:41.7	7.1	U	RGO		1 x 1	
233738	Flat field	17:00:02.65	+41:00:30.0	J2000.00	1.224	180.0	18:56:30.4	6.1	U	RGO		1 x 1	
233739	Flat field	17:00:05.30	+41:01:00.0	J2000.00	1.228	180.0	18:57:53.6	8.1	U	RGO		1 x 1	
233740	Flat field	16:59:57.35	+40:59:30.0	J2000.00	1.232	180.0	18:59:20.9	12.1	U	RGO		1 x 1	
233741	Flat field	16:59:59.99	+40:59:59.9	J2000.00	1.239	180.0	19:01:27.1	8.9	z	Gunn		1 x 1	
233742	Flat field	17:00:02.65	+41:00:30.0	J2000.00	1.243	180.0	19:03:00.5	14.1	z	Gunn		1 x 1	
233743	Flat field	17:00:05.30	+41:01:00.0	J2000.00	1.248	180.0	19:04:38.6	21.4	z	Gunn		1 x 1	
233744	Flat field	17:00:00.00	+41:00:00.0	J2000.00	1.254	180.0	19:06:36.9	8.1	g	Sloan		1 x 1	
233745	Flat field	17:00:02.65	+41:00:29.9	J2000.00	1.259	180.0	19:08:10.4	12.1	g	Sloan		1 x 1	
233746	Flat field	17:00:05.30	+41:00:59.9	J2000.00	1.264	180.0	19:09:50.3	18.1	g	Sloan		1 x 1	
233747	Flat field	17:00:00.00	+40:59:59.9	J2000.00	1.273	180.0	19:12:08.0	35.6	r	Sloan		1 x 1	
233748	Flat field	17:00:02.65	+41:00:30.0	J2000.00	1.284	180.0	19:15:22.0	71.1	r	Sloan		1 x 1	
233749	Flat field	16:59:59.99	+40:59:59.9	J2000.00	1.294	180.0	19:18:04.8	78.2	i	Sloan		1 x 1	
233750	Flat field	17:00:02.65	+41:00:30.0	J2000.00	1.304	180.0	19:20:36.5	130.8	i	Sloan		1 x 1	
233751	Focus run	18:42:45.00	+00:10:04.1	J2000.00	1.259	180.0	19:38:12.8	10.1	i	Sloan		1 x 1	
233752	wfsj1637+4116_040	16:40:58.30	+40:56:00.0	J2000.00	1.535	180.0	19:47:23.2	599.4	g	Sloan		1 x 1	
233753	wfsj2240+0000_028	22:41:03.99	-01:20:00.0	J2000.00	1.287	180.0	20:05:21.5	599.3	z	Gunn		1 x 1	
233754	wfsj2240+0000_029	22:41:03.99	-00:59:59.9	J2000.00	1.247	180.0	20:19:09.7	599.5	g	Sloan		1 x 1	
233755	wfsj2240+0000_029	11:20:32.00	-00:30:00.0	J2000.00	1.224	180.0	20:30:12.6	599.0	r	Sloan		1 x 1	
233756	wfsj2240+0000_029	11:20:32.00	-00:29:59.9	J2000.00	1.204	180.0	20:41:15.4	599.5	i	Sloan		1 x 1	
233757	wfsj2240+0000_037	22:43:12.10	-01:20:00.0	J2000.00	1.190	180.0	20:57:53.4	362.0	g	Sloan		1 x 1	
233759	wfsj2240+0000_037	22:43:12.10	-01:20:00.0	J2000.00	1.174	180.0	21:10:09.7	599.5	z	Gunn		1 x 1	
233760	wfsj2240+0000_037	22:43:12.09	-01:20:00.0	J2000.00	1.165	180.0	21:22:22.6	599.5	i	Sloan		1 x 1	
233761	wfsj2240+0000_037	22:43:12.10	-01:20:00.0	J2000.00	1.158	180.0	21:34:53.0	599.4	g	Sloan		1 x 1	
233762	wfsj2240+0000_037	22:43:12.09	-01:20:00.0	J2000.00	1.156	180.0	21:46:44.6	599.0	r	Sloan		1 x 1	
233763	wfsj2240+0000_038	22:43:12.00	-01:00:00.0	J2000.00	1.153	180.0	22:00:08.0	599.4	g	Sloan		1 x 1	
233764	wfsj2240+0000_038	22:43:12.00	-01:00:00.0	J2000.00	1.156	180.0	22:11:11.5	599.6	r	Sloan		1 x 1	
233765	wfsj2240+0000_038	22:43:11.99	-00:59:59.9	J2000.00	1.162	180.0	22:22:15.3	599.2	i	Sloan		1 x 1	
233766	wfsj2240+0000_038	22:43:12.00	-00:59:59.9	J2000.00	1.172	180.0	22:33:19.7	599.4	z	Gunn		1 x 1	
233768	wfsj2240+0000_040	22:43:12.00	-00:19:59.7	J2000.00	1.188	180.0	22:53:38.3	599.4	z	Gunn		1 x 1	
233769	wfsj2240+0000_041	22:43:12.00	-00:00:00.0	J2000.00	1.220	180.0	23:14:19.4	599.4	z	Gunn		1 x 1	
233770	wfsj2240+0000_041	22:43:11.99	+00:00:00.1	J2000.00	1.245	180.0	23:25:24.1	599.5	i	Sloan		1 x 1	
233771	wfsj2240+0000_041	22:43:12.00	+00:00:00.0	J2000.00	1.273	180.0	23:36:29.3	599.4	r	Sloan		1 x 1	
233772	wfsj2240+0000_041	22:43:12.00	+00:00:00.0	J2000.00	1.306	180.0	23:47:34.9	599.4	g	Sloan		1 x 1	
233774	M31-microfld1	0:44:00.00	+41:34:00.0	J2000.00	1.026	180.0	00:04:22.6	319.3	r	Sloan		1 x 1	
233775	M31-microfld1	0:44:00.00	+41:34:00.0	J2000.00	1.027	180.0	00:11:08.0	319.6	r	Sloan		1 x 1	
233776	M31-microfld1	0:44:00.00	+41:34:00.0	J2000.00	1.029	180.0	00:17:50.6	319.7	i	Sloan		1 x 1	
233777	M31-microfld1	0:44:00.00	+41:34:00.0	J2000.00	1.032	180.0	00:24:33.4	319.8	i	Sloan		1 x 1	
233778	M31-microfld2	0:43:10.00	+40:58:14.9	J2000.00	1.033	180.0	00:32:19.3	319.7	r	Sloan		1 x 1	
233779	M31-microfld2	0:43:10.00	+40:58:14.9	J2000.00	1.037	180.0	00:39:05.2	319.9	r	Sloan		1 x 1	
233780	M31-microfld2	0:43:10.00	+40:58:14.9	J2000.00	1.042	180.0	00:45:48.5	319.8	i	Sloan		1 x 1	
233781	M31-microfld2	0:43:10.00	+40:58:15.0	J2000.00	1.047	180.0	00:52:28.8	319.8	i	Sloan		1 x 1	
233782	Focus run	3:51:20.00	+23:30:59.9	J2000.00	1.004	180.0	02:58:31.8	10.1	i	Sloan		1 x 1	
233784	wfsj0347+2400-iz17	3:51:19.99	+23:28:59.9	J2000.00	1.005	180.0	03:08:39.9	599.4	i	Sloan		1 x 1	
233785	wfsj0347+2400-iz17	3:51:19.99	+23:28:59.9	J2000.00	1.008	180.0	03:19:45.7	599.4	z	Gunn		1 x 1	
233787	wfsj0347+2400-iz18	3:42:57.39	+25:14:55.4	J2000.00	1.019	180.0	03:37:17.8	599.5	i	Sloan		1 x 1	
233788	wfsj0347+2400-iz18	3:42:57.38	+25:14:55.4	J2000.00	1.033	180.0	03:48:22.9	1198.9	z	Gunn		1 x 1	
233789	wfsj0347+2400-iz19	3:42:55.88	+24:57:23.0	J2000.00	1.053	180.0	04:10:19.4	599.4	i	Sloan		1 x 1	
233790	wfsj0347+2400-iz19	3:42:55.88	+24:57:23.1	J2000.00	1.077	180.0	04:21:21.9	1198.8	z	Gunn		1 x 1	
233791	wfsj0347+2400-iz20	3:40:22.44	+24:00:00.1	J2000.00	1.119	180.0	04:44:55.6	599.5	i	Sloan		1 x 1	
233792	wfsj0347+2400-iz20	3:40:22.44	+23:59:59.9	J2000.00	1.158	180.0	04:55:58.5	1198.7	z	Gunn		1 x 1	
233793	wfsj0347+2400-iz21	3:40:22.44	+23:40:00.0	J2000.00	1.206	180.0	05:17:48.5	599.5	i	Sloan		1 x 1	
233794	wfsj0347+2400-iz21	3:40:22.44	+23:39:59.9	J2000.00	1.262	180.0	05:28:50.6	1198.2	z	Gunn		1 x 1	
233795	wfsj0347+2400-iz22	3:40:47.60	+24:45:59.1	J2000.00	1.333	180.0	05:53:16.2	599.5	i	Sloan	1	1 x 1	
233796	wfsj0347+2400-iz22	3:40:47.60	+24:45:59.0	J2000.00	1.412	180.0	06:04:22.0	1198.7	z	Gunn	1	1 x 1	