INT OBSERVING LOG (ISAAC NEWTON GROUP, LA PALMA)

TELESCOPE: INT
DATE: 20010818
TAPE NR:
OBSERVER: P. Groot
PROGRAMME: The faint sky variability survey
PATT/CAT REF.: WFS01
TELESCOPE OPERATOR: M. Azzaro
SUPPORT ASTRONOMER: C. Benn

TELESCOPE FOCUS: 44.07 mm
CALIBRATE RESULTS: not specified

INSTRUMENT: WFC

WFC FILTER WHEEL: B,V,r,I,i,Z

WEATHER: (1st half) poor
(2nd half) fair
CLOUD COVER (%): (1st half) 70
(2nd half) 0
DUST (0-2): (1st half) 0
(2nd half) 0
SEEING (arcsec): (1st half) 2.5
(2nd half) 1.6

DOME OPENED (UT): 19:00

METEOROLOGICAL PARAMETERS

LT	AirT	Hum%	Wspd	Gust	Wdir	Press	LocT	IntT	Mirr	LocRH	IntRH
20:00	9.9	72	31.1	36.3	308	773.4	9.7	12.7	13.0	75	59
21:00	8.4	84	32.4	35.0	312	773.5	9.1	12.1	13.8	71	65
22:00	8.3	85	35.8	37.8	309	774.0	9.2	11.8	14.7	66	68
23:00	8.6	100	32.5	37.1	309	774.5	8.9	12.0	14.8	100	78
00:00	9.9	100	30.9	33.2	320	774.7	10.2	12.9	14.8	100	81
01:00	8.5	100	29.5	32.8	332	774.5	9.5	13.3	15.0	96	75
02:00	9.6	74	26.0	27.7	308	774.1	10.5	12.6	15.3	66	61
03:00	9.8	73	31.2	33.0	308	773.5	10.2	12.2	15.1	69	62
04:00	9.2	35	30.3	36.3	313	772.7	10.1	11.7	14.7	26	30
05:00	9.7	14	29.5	31.6	317	772.5	10.6	11.6	14.5	12	15
06:00	9.6	19	25.0	28.9	293	772.5	10.5	12.2	14.6	15	16

SUNSET(UT) 19:56
EVENING TWILIGHT(UT) 21:13
MORNING TWILIGHT(UT) 05:19
SUNRISE(UT) 06:35
MOON'S QUARTER (1-4) 4
DISK % OF ILLUM. 0
DARK TIME 08:06
TWILIGHT TIME 02:33
MOONRISE(UT) No Moon all night
MOONSET(UT) No Moon all night

TIME LOST(WEATHER): 02:55
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
276791	Bias frame	0:00:00.00	+00:00:00.0	A	1.540	180.0	13:11:25.9	0.0	B	Harris	1	1 x 1	

276792	Bias frame	0:00:00.00	+00:00:00.0	A	1.540	180.0	13:14:37.0	0.0	B	Harris	1	1 x 1
276793	Bias frame	0:00:00.00	+00:00:00.0	A	1.540	180.0	13:16:47.9	0.0	B	Harris	1	1 x 1
276794	Bias	0:00:00.00	+00:00:00.0	A	1.540	180.0	13:29:36.6	0.0	R	Harris	1	1 x 1
276795	skyflat B 2s	17:00:00.00	+40:59:59.7	J2000.00	1.028	180.0	19:56:52.5	2.0	B	Harris	1	1 x 1
276796	skyflat B 2s	17:00:00.00	+41:00:00.0	J2000.00	1.027	180.0	19:58:13.5	1.1	B	Harris	1	1 x 1
276797	skyflat B 1s	17:00:00.00	+41:00:00.0	J2000.00	1.026	180.0	20:00:47.1	1.1	B	Harris	1	1 x 1
276798	skyflat B 1s	17:00:00.00	+40:59:59.9	J2000.00	1.026	180.0	20:03:34.3	1.1	B	Harris	1	1 x 1
276799	skyflat B 1s	16:59:59.99	+40:59:59.9	J2000.00	1.025	180.0	20:04:49.8	1.0	B	Harris	1	1 x 1
276800	skyflat B 1.5s	16:59:59.99	+40:59:59.9	J2000.00	1.025	180.0	20:06:08.9	1.6	B	Harris	1	1 x 1
276801	skyflat B 1.5s	17:00:00.00	+40:59:59.8	J2000.00	1.025	180.0	20:07:40.2	1.6	B	Harris	1	1 x 1
276802	skyflat V 1.5s	17:00:00.00	+40:59:59.9	J2000.00	1.024	180.0	20:09:15.7	1.6	V	Harris	1	1 x 1
276803	skyflat V 2.5s	17:00:00.00	+41:00:00.0	J2000.00	1.024	180.0	20:10:42.0	2.6	V	Harris	1	1 x 1
276804	skyflat V 4s	17:00:00.00	+41:00:00.0	J2000.00	1.024	180.0	20:12:06.9	4.1	V	Harris	1	1 x 1
276805	skyflat V 7s	17:00:00.00	+41:00:00.0	J2000.00	1.024	180.0	20:13:29.9	7.1	V	Harris	1	1 x 1
276806	skyflat V 10s	17:00:01.76	+41:00:19.9	J2000.00	1.024	180.0	20:14:53.6	10.1	V	Harris	1	1 x 1
276807	skyflat V 16s	17:00:03.53	+41:00:40.0	J2000.00	1.023	180.0	20:16:32.9	16.1	V	Harris	1	1 x 1
276808	skyflat I 12s	17:00:03.53	+41:00:40.0	J2000.00	1.023	180.0	20:18:03.8	12.1	I	INT-WFC	1	1 x 1
276809	skyflat I 18s	17:00:01.76	+41:00:20.0	J2000.00	1.023	180.0	20:19:31.3	18.1	I	INT-WFC	1	1 x 1
276810	skyflat I 30s	17:00:00.00	+41:00:00.0	J2000.00	1.023	180.0	20:21:36.3	30.1	I	INT-WFC	1	1 x 1
276811	skyflat I 50s	16:59:58.23	+40:59:40.0	J2000.00	1.023	180.0	20:23:08.2	50.1	I	INT-WFC	1	1 x 1
276812	skyflat I 80s	16:59:56.46	+40:59:20.0	J2000.00	1.023	180.0	20:25:08.6	79.6	I	INT-WFC	1	1 x 1
276813	Focus run	18:43:09.00	-00:09:39.6	J2000.00	1.227	180.0	20:41:14.7	10.1	V	Harris	1	1 x 1
276814	sa110-364 V	18:43:13.00	-00:12:20.0	J2000.00	1.210	180.0	20:48:53.5	20.1	V	Harris	1	1 x 1
276815	sa110-364 B	18:43:12.99	-00:12:20.0	J2000.00	1.206	180.0	20:50:20.2	50.1	B	Harris	1	1 x 1
276816	sa110-364 I	18:43:13.00	-00:12:19.7	J2000.00	1.204	180.0	20:52:14.2	20.1	I	INT-WFC	1	1 x 1
276817	SA110-364 20s i	18:43:13.00	-00:12:20.0	J2000.00	1.188	180.0	21:01:36.9	20.1	i	Sloan	1	1 x 1
276818	SA110-364 20s r	18:43:13.00	-00:12:19.9	J2000.00	1.186	180.0	21:03:10.4	20.1	r	Sloan	1	1 x 1
276819	SA110-364 30s z	18:43:13.00	-00:12:20.0	J2000.00	1.183	180.0	21:05:20.2	30.1	z	Gunn	1	1 x 1
276820	KS1731-260 60s r	17:34:13.46	-26:05:18.8	J2000.00	1.742	180.0	21:16:05.8	60.1	r	Sloan	1	1 x 1
276821	KS1731-260 60s i	17:34:13.47	-26:05:18.8	J2000.00	1.745	180.0	21:19:03.0	60.1	i	Sloan	1	1 x 1
276822	KS1731-260 60s z	17:34:13.47	-26:05:18.7	J2000.00	1.750	180.0	21:23:10.2	60.1	z	Gunn	1	1 x 1
276823	F_72 60s V	18:29:59.99	+35:59:59.9	J2000.00	1.011	180.0	21:30:21.1	60.0	V	Harris	1	1 x 1
276824	F_75 60s V	23:44:59.99	+28:10:00.0	J2000.00	1.188	180.0	00:36:58.3	60.1	V	Harris	1	1 x 1
276825	Bias	18:32:40.00	+35:25:00.0	J2000.00	1.242	180.0	00:45:00.5	0.0	V	Harris	1	1 x 1
276826	f_77 600s V	23:44:59.99	+28:09:59.9	J2000.00	1.136	180.0	00:52:21.6	599.5	V	Harris	1	1 x 1
276827	f_78 V	23:47:39.99	+28:10:00.1	J2000.00	1.113	180.0	01:05:27.8	599.4	V	Harris	1	1 x 1
276828	f_79 V	23:50:20.00	+28:20:00.0	J2000.00	1.094	180.0	01:17:53.7	599.4	V	Harris	1	1 x 1
276829	f_76 V	23:42:23.50	+28:09:59.9	J2000.00	1.061	180.0	01:29:53.6	599.4	V	Harris	1	1 x 1
276830	f_77 V	23:45:00.00	+28:09:59.9	J2000.00	1.048	180.0	01:42:36.0	599.5	V	Harris	1	1 x 1
276831	f_78 V	23:47:39.99	+28:09:59.9	J2000.00	1.037	180.0	01:54:38.3	599.5	V	Harris	1	1 x 1
276832	f_79 V	23:50:19.99	+28:20:00.0	J2000.00	1.027	180.0	02:06:38.9	599.6	V	Harris	1	1 x 1
276833	f_76 V	23:42:23.49	+28:10:00.0	J2000.00	1.012	180.0	02:18:41.3	599.4	V	Harris	1	1 x 1
276834	f_77 V	23:45:00.00	+28:10:00.1	J2000.00	1.007	180.0	02:31:32.6	599.0	V	Harris	1	1 x 1
276835	f_78 V	23:47:39.99	+28:10:00.0	J2000.00	1.003	180.0	02:43:34.4	599.3	V	Harris	1	1 x 1
276836	f_79 V	23:50:20.00	+28:20:00.0	J2000.00	1.001	180.0	02:55:34.6	599.4	V	Harris	1	1 x 1
276837	f_76 V	23:42:23.49	+28:09:59.9	J2000.00	1.001	180.0	03:07:38.4	599.6	V	Harris	1	1 x 1
276838	f_77 V	23:45:00.00	+28:10:00.0	J2000.00	1.003	180.0	03:22:36.0	599.5	V	Harris	1	1 x 1
276839	f_78 V	23:47:40.00	+28:10:00.0	J2000.00	1.007	180.0	03:34:37.4	599.6	V	Harris	1	1 x 1
276840	f_79 V	23:50:20.00	+28:20:00.0	J2000.00	1.012	180.0	03:46:39.8	599.4	V	Harris	1	1 x 1
276841	f_76 V	23:42:23.49	+28:10:00.0	J2000.00	1.027	180.0	03:58:40.3	599.4	V	Harris	1	1 x 1
276842	M31-microfld1	0:43:59.99	+41:34:00.0	J2000.00	1.026	180.0	04:12:20.8	319.7	r	Sloan	1	1 x 1
276843	M31-microfld1	0:44:00.00	+41:33:59.9	J2000.00	1.027	180.0	04:18:59.9	319.8	r	Sloan	1	1 x 1
276844	M31-microfld1	0:43:59.99	+41:33:59.9	J2000.00	1.029	180.0	04:25:38.8	319.8	i	Sloan	1	1 x 1
276845	M31-microfld1	0:44:00.00	+41:34:00.1	J2000.00	1.031	180.0	04:32:16.7	319.7	i	Sloan	1	1 x 1
276846	M31-microfld2	0:43:10.02	+40:58:15.0	J2000.00	1.033	180.0	04:39:58.6	319.4	r	Sloan	1	1 x 1
276847	M31-microfld2	0:43:10.00	+40:58:15.1	J2000.00	1.037	180.0	04:46:39.0	319.7	r	Sloan	1	1 x 1
276848	M31-microfld2	0:43:10.00	+40:58:14.9	J2000.00	1.041	180.0	04:53:16.6	319.8	i	Sloan	1	1 x 1
276849	M31-microfld2	0:43:09.99	+40:58:14.9	J2000.00	1.046	180.0	04:59:56.7	319.8	i	Sloan	1	1 x 1
276850	f_77 V	23:44:59.99	+28:09:59.9	J2000.00	1.132	180.0	05:08:49.8	599.4	V	Harris	1	1 x 1
276851	f_78 V	23:47:40.00	+28:10:00.1	J2000.00	1.155	180.0	05:20:52.2	599.5	V	Harris	1	1 x 1
276853	Skyflat 600s z	2:57:59.99	-00:05:59.9	J2000.00	1.159	180.0	05:36:34.5	299.7	z	Gunn	1	1 x 1
276854	Skyflat 150s z	2:58:01.33	-00:05:40.1	J2000.00	1.153	180.0	05:44:51.8	150.0	z	Gunn	1	1 x 1

276855	Skyflat	150s	z	2:58:02.66	-00:05:19.9	J2000.00	1.150	180.0	05:49:13.7	150.0	z	Gunn	1	1 x 1
276856	Skyflat	150s	z	2:58:04.00	-00:05:00.0	J2000.00	1.147	180.0	05:54:04.8	150.0	z	Gunn	1	1 x 1
276857	Skyflat	100s	i	2:58:03.99	-00:04:59.9	J2000.00	1.146	180.0	05:57:54.8	100.0	i	Sloan	1	1 x 1
276858	Skyflat	100s	i	2:58:04.00	-00:04:59.9	J2000.00	1.144	180.0	06:00:59.5	100.0	i	Sloan	1	1 x 1
276859	Skyflat	80s	i	2:58:04.00	-00:05:00.0	J2000.00	1.143	180.0	06:04:12.5	79.5	i	Sloan	1	1 x 1
276860	Skyflat	50s	i	2:58:03.99	-00:05:00.0	J2000.00	1.143	180.0	06:07:03.3	50.1	i	Sloan	1	1 x 1
276861	Skyflat	20s	i	2:58:01.33	-00:05:40.0	J2000.00	1.142	180.0	06:09:03.5	20.1	i	Sloan	1	1 x 1
276862	Skyflat	15s	i	2:58:02.66	-00:05:19.9	J2000.00	1.142	180.0	06:10:33.4	15.1	i	Sloan	1	1 x 1
276863	Skyflat	10s	r	2:58:02.66	-00:05:20.0	J2000.00	1.142	180.0	06:11:47.6	10.1	r	Sloan	1	1 x 1
276864	Skyflat	10s	r	2:58:01.33	-00:05:40.0	J2000.00	1.142	180.0	06:13:21.3	10.1	r	Sloan	1	1 x 1
276865	Skyflat	7s	r	2:58:02.66	-00:05:20.0	J2000.00	1.141	180.0	06:14:49.9	7.1	r	Sloan	1	1 x 1
276866	Skyflat	4s	r	2:58:04.00	-00:04:59.9	J2000.00	1.141	180.0	06:16:03.6	3.6	r	Sloan	1	1 x 1
276867	Skyflat	2s	r	2:58:05.33	-00:04:40.0	J2000.00	1.141	180.0	06:17:18.9	2.1	r	Sloan	1	1 x 1