INT OBSERVING LOG (ISAAC NEWTON GROUP, LA PALMA)

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TELESCOPE:            INT
DATE:                 20010823
TAPE NR:
OBSERVER:             P. Groot
PROGRAMME:            The faint sky variability survey
PATT/CAT REF.:        WFS01
TELESCOPE OPERATOR:   none
SUPPORT ASTRONOMER:   C. Benn

TELESCOPE FOCUS:      43.90 mm
CALIBRATE RESULTS:    not specified

INSTRUMENT:           WFC

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

WEATHER:              (1st half) good
                      (2nd half) good
CLOUD COVER (%):      (1st half) 0
                      (2nd half) 0
DUST (0-2):           (1st half) 0
                      (2nd half) 0
SEEING (arcsec):      (1st half) 1.2
                      (2nd half) 1.1

DOME OPENED (UT):     19:00
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METEOROLOGICAL PARAMETERS

LT	AirT	Hum%	Wspd	Gust	Wdir	Press	LocT	IntT	Mirr	LocRH	IntRH
20:00	14.8	16	21.4	29.9	127	772.5	15.2	16.0	17.3	15	15
21:00	14.1	14	16.2	18.1	206	772.5	14.6	15.9	17.2	14	13
22:00	14.5	11	19.7	23.1	214	773.2	15.1	16.0	17.2	9	11
23:00	14.9	10	17.0	21.4	217	773.4	15.5	15.9	16.6	8	9
00:00	15.0	9	21.1	27.3	159	773.3	15.2	16.1	16.8	9	10
01:00	13.4	12	20.5	22.4	250	773.2	13.6	15.2	16.8	11	10
02:00	14.0	11	17.1	19.0	253	772.9	14.1	15.2	17.0	10	10
03:00	14.0	12	22.1	23.8	252	772.5	14.5	15.3	16.6	11	10
04:00	13.4	13	27.7	29.1	275	772.2	13.9	14.8	16.6	12	11
05:00	13.4	13	23.8	25.0	273	772.0	13.8	14.4	16.4	12	11
06:00	12.0	20	27.7	28.4	281	771.7	12.3	13.3	16.0	19	18

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SUNSET(UT)            19:51
EVENING TWILIGHT(UT)  21:07
MORNING TWILIGHT(UT)  05:22
SUNRISE(UT)           06:38
MOON'S QUARTER (1-4)  1
DISK % OF ILLUM.      31
DARK TIME             08:15
TWILIGHT TIME         02:32
MOONRISE(UT)          No moonrise within sunset-sunrise
MOONSET(UT)           23:14

TIME LOST(WEATHER):   00:00
TIME LOST(TECHNICAL): 00:00
TIME LOST(OTHER):     00:00
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Run no.	Object name	RA	Dec.	Equinox	AM	PA	UT	Exp. T.	Filter	Psys	Channel	Binning	Comments
277226	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.0	13:52:06.9	0.0	B	Harris	1	1 x 1	

277227	Dark frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.0	13:53:04.2	15.0	B	Harris	1	1 x 1
277228	Bias	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.0	15:56:21.0	0.0	I	INT-WFC	1	1 x 1
277229	Bias	0:00:00.00	+00:00:00.0	J2000.00	4.554	180.0	16:05:02.0	0.0	I	INT-WFC	1	1 x 1
277230	Bias	0:00:00.00	+00:00:00.0	J2000.00	4.554	180.0	16:05:43.1	0.0	I	INT-WFC	1	1 x 1
277231	Bias	0:00:00.00	+00:00:00.0	J2000.00	4.554	180.0	16:06:22.9	0.0	I	INT-WFC	1	1 x 1
277232	Bias	0:00:00.00	+00:00:00.0	J2000.00	4.554	180.0	16:07:02.5	0.0	I	INT-WFC	1	1 x 1
277233	Bias	0:00:00.00	+00:00:00.0	J2000.00	4.554	180.0	16:07:41.7	0.0	I	INT-WFC	1	1 x 1
277234	Bias	0:00:00.00	+00:00:00.0	J2000.00	4.554	180.0	16:08:20.7	0.0	I	INT-WFC	1	1 x 1
277235	Bias	0:00:00.00	+00:00:00.0	J2000.00	4.554	180.0	16:08:60.0	0.0	I	INT-WFC	1	1 x 1
277236	Bias	0:00:00.00	+00:00:00.0	J2000.00	4.554	180.0	16:09:39.5	0.0	I	INT-WFC	1	1 x 1
277237	Bias	0:00:00.00	+00:00:00.0	J2000.00	4.554	180.0	16:10:19.0	0.0	I	INT-WFC	1	1 x 1
277238	Skyflat B 1s	16:59:59.99	+41:00:00.0	J2000.00	1.023	180.0	19:59:48.8	2.4	B	Harris	1	1 x 1
277239	Skyflat B 1s	17:00:01.77	+41:00:20.1	J2000.00	1.023	180.0	20:01:01.6	1.4	B	Harris	1	1 x 1
277240	Skyflat B 1.5s	17:00:03.53	+41:00:39.8	J2000.00	1.023	180.0	20:02:04.6	1.6	B	Harris	1	1 x 1
277241	Skyflat B 2.5s	17:00:05.30	+41:00:59.9	J2000.00	1.023	180.0	20:03:18.0	2.6	B	Harris	1	1 x 1
277242	Skyflat B 4s	17:00:07.06	+41:01:19.9	J2000.00	1.023	180.0	20:04:36.2	4.1	B	Harris	1	1 x 1
277243	Skyflat V 3s	17:00:07.06	+41:01:19.9	J2000.00	1.023	180.0	20:05:40.4	3.1	V	Harris	1	1 x 1
277244	Skyflat V 3s	17:00:05.30	+41:01:00.0	J2000.00	1.023	180.0	20:06:50.9	3.1	V	Harris	1	1 x 1
277245	Skyflat V 5s	17:00:03.53	+41:00:40.0	J2000.00	1.023	180.0	20:07:59.6	5.1	V	Harris	1	1 x 1
277246	Skyflat V 7s	17:00:01.76	+41:00:20.0	J2000.00	1.024	180.0	20:09:11.3	7.1	V	Harris	1	1 x 1
277247	Skyflat V 12s	17:00:00.00	+40:59:59.9	J2000.00	1.024	180.0	20:10:15.6	12.1	V	Harris	1	1 x 1
277248	Skyflat I 10s	16:59:59.99	+40:59:59.9	J2000.00	1.024	180.0	20:11:25.5	10.1	I	INT-WFC	1	1 x 1
277249	Skyflat I 15s	17:00:01.76	+41:00:20.0	J2000.00	1.024	180.0	20:12:53.3	15.1	I	INT-WFC	1	1 x 1
277250	Skyflat I 22s	17:00:03.53	+41:00:39.9	J2000.00	1.024	180.0	20:14:11.7	22.1	I	INT-WFC	1	1 x 1
277251	Skyflat I 35s	17:00:05.30	+41:00:59.9	J2000.00	1.024	180.0	20:15:49.4	35.1	I	INT-WFC	1	1 x 1
277252	Skyflat I 50s	17:00:07.06	+41:01:20.0	J2000.00	1.025	180.0	20:17:24.4	50.1	I	INT-WFC	1	1 x 1
277253	Focus run	18:43:09.00	-00:08:49.8	J2000.00	1.218	180.0	20:25:59.1	10.1	V	Harris	1	1 x 1
277254	f_72 V	18:30:00.00	+36:00:00.0	J2000.00	1.029	180.0	20:33:26.5	599.4	V	Harris	1	1 x 1
277255	f_72 V	18:29:59.99	+36:00:00.0	J2000.00	1.021	180.0	20:44:52.9	599.4	V	Harris	1	1 x 1
277256	f_72 V	18:29:59.99	+36:00:00.0	J2000.00	1.015	180.0	20:56:28.2	599.4	V	Harris	1	1 x 1
277257	f_73 V	18:32:59.99	+35:59:59.9	J2000.00	1.011	180.0	21:09:26.9	599.5	V	Harris	1	1 x 1
277258	f_73 V	18:33:00.00	+36:00:00.0	J2000.00	1.009	180.0	21:20:52.3	599.4	V	Harris	1	1 x 1
277259	f_73 V	18:32:59.99	+35:59:59.9	J2000.00	1.008	180.0	21:32:19.2	599.6	V	Harris	1	1 x 1
277260	f_74 V	18:33:29.99	+36:35:00.0	J2000.00	1.011	180.0	21:45:33.7	599.4	V	Harris	1	1 x 1
277261	f_74 V	18:33:30.00	+36:35:00.0	J2000.00	1.014	180.0	21:56:59.8	599.5	V	Harris	1	1 x 1
277262	f_74 V	18:33:30.00	+36:34:59.9	J2000.00	1.019	180.0	22:08:26.2	599.4	V	Harris	1	1 x 1
277263	f_75 V	18:32:39.99	+35:24:59.9	J2000.00	1.025	180.0	22:20:31.7	599.8	V	Harris	1	1 x 1
277264	f_75 V	18:32:39.99	+35:25:00.0	J2000.00	1.034	180.0	22:31:57.8	599.4	V	Harris	1	1 x 1
277265	f_75 V	18:32:40.00	+35:25:00.0	J2000.00	1.045	180.0	22:43:23.0	599.4	V	Harris	1	1 x 1
277266	f_72 V	18:30:00.00	+36:00:00.0	J2000.00	1.064	180.0	22:55:55.2	599.6	V	Harris	1	1 x 1
277267	f_73 V	18:33:00.00	+35:59:59.9	J2000.00	1.077	180.0	23:07:56.0	599.4	V	Harris	1	1 x 1
277268	f_74 V	18:33:29.99	+36:35:00.0	J2000.00	1.096	180.0	23:19:55.9	599.1	V	Harris	1	1 x 1
277269	f_75 V	18:32:40.00	+35:24:59.9	J2000.00	1.118	180.0	23:31:55.9	599.3	V	Harris	1	1 x 1
277270	f_72 V	18:30:00.00	+35:59:59.9	J2000.00	1.150	180.0	23:44:13.7	599.8	V	Harris	1	1 x 1
277271	f_73 V	18:32:59.99	+36:00:00.0	J2000.00	1.172	180.0	23:56:16.5	599.3	V	Harris	1	1 x 1
277272	f_74 V	18:33:30.00	+36:34:59.9	J2000.00	1.203	180.0	00:08:20.5	599.5	V	Harris	1	1 x 1
277273	f_75 V	18:32:40.00	+35:25:00.0	J2000.00	1.242	180.0	00:20:20.1	599.5	V	Harris	1	1 x 1
277274	f_01 V	23:42:23.50	+27:05:01.0	J2000.00	1.129	180.0	00:33:59.0	599.5	V	Harris	1	1 x 1
277275	f_02 V	23:44:23.50	+27:05:00.8	J2000.00	1.108	180.0	00:45:59.9	600.1	V	Harris	1	1 x 1
277276	f_03 V	23:46:23.50	+27:05:00.9	J2000.00	1.089	180.0	00:57:59.9	599.5	V	Harris	1	1 x 1
277277	f_04 V	23:46:23.49	+27:35:00.9	J2000.00	1.068	180.0	01:09:59.3	599.0	V	Harris	1	1 x 1
277278	f_05 V	23:44:23.50	+27:35:01.0	J2000.00	1.049	180.0	01:21:57.6	599.5	V	Harris	1	1 x 1
277279	f_06 V	23:42:23.49	+27:35:00.9	J2000.00	1.033	180.0	01:34:03.1	599.5	V	Harris	1	1 x 1
277280	f_76 V	23:42:23.50	+28:10:00.0	J2000.00	1.021	180.0	01:46:41.9	599.6	V	Harris	1	1 x 1
277281	f_76 V	23:42:23.50	+28:10:00.0	J2000.00	1.013	180.0	01:58:07.6	598.4	V	Harris	1	1 x 1
277282	f_76 V	23:42:23.49	+28:09:59.9	J2000.00	1.007	180.0	02:09:33.8	599.4	V	Harris	1	1 x 1
277283	f_77 V	23:44:54.99	+28:10:00.0	J2000.00	1.003	180.0	02:21:34.1	599.4	V	Harris	1	1 x 1
277284	f_77 V	23:44:55.00	+28:09:59.9	J2000.00	1.001	180.0	02:32:59.4	599.5	V	Harris	1	1 x 1
277285	f_77 V	23:44:55.00	+28:09:59.9	J2000.00	1.000	180.0	02:44:31.5	599.5	V	Harris	1	1 x 1
277287	M31-microfld1	0:44:00.00	+41:34:00.1	J2000.00	1.037	180.0	03:01:39.8	319.7	r	Sloan	1	1 x 1
277288	M31-microfld1	0:44:00.00	+41:33:59.9	J2000.00	1.033	180.0	03:08:18.2	319.7	r	Sloan	1	1 x 1
277289	M31-microfld1	0:44:00.00	+41:33:59.9	J2000.00	1.031	180.0	03:14:57.3	319.8	i	Sloan	1	1 x 1

277290	M31-microfld1	0:44:00.00	+41:34:00.0	J2000.00	1.029	180.0	03:21:37.4	320.0	i	Sloan	1 1 x 1
277291	M31-microfld2	0:43:10.01	+40:58:15.0	J2000.00	1.024	180.0	03:29:21.0	319.8	r	Sloan	1 1 x 1
277292	M31-microfld2	0:43:10.00	+40:58:15.0	J2000.00	1.023	180.0	03:35:59.5	319.8	r	Sloan	1 1 x 1
277293	M31-microfld2	0:43:10.00	+40:58:14.9	J2000.00	1.023	180.0	03:42:37.1	319.7	i	Sloan	1 1 x 1
277294	M31-microfld2	0:43:10.00	+40:58:15.0	J2000.00	1.023	180.0	03:49:15.8	319.8	i	Sloan	1 1 x 1
277295	f_78	V	23:47:39.99	+28:09:59.9	J2000.00	1.041	180.0	03:57:56.4	599.2	V	Harris 1 1 x 1
277296	f_78	V	23:47:40.00	+28:10:00.0	J2000.00	1.056	180.0	04:09:24.1	599.5	V	Harris 1 1 x 1
277297	f_78	V	23:47:40.00	+28:09:59.9	J2000.00	1.073	180.0	04:20:50.4	600.1	V	Harris 1 1 x 1
277298	f_79	V	23:50:20.00	+28:19:59.9	J2000.00	1.089	180.0	04:33:07.3	599.5	V	Harris 1 1 x 1
277299	f_79	V	23:50:20.00	+28:20:00.0	J2000.00	1.111	180.0	04:44:40.1	598.9	V	Harris 1 1 x 1
277300	f_79	V	23:50:20.00	+28:20:00.0	J2000.00	1.136	180.0	04:56:05.8	599.6	V	Harris 1 1 x 1
277301	f_76	V	23:42:23.50	+28:09:59.9	J2000.00	1.189	180.0	05:08:32.9	599.4	V	Harris 1 1 x 1
277302	f_79	V	23:50:19.99	+28:20:00.0	J2000.00	1.201	180.0	05:20:33.7	599.5	V	Harris 1 1 x 1