INT OBSERVING LOG (ISAAC NEWTON GROUP, LA PALMA)

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TELESCOPE:            INT
DATE:                 20010819
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) fair
CLOUD COVER (%):      (1st half) 0
                      (2nd half) 0
DUST (0-2):           (1st half) 0
                      (2nd half) 0
SEEING (arcsec):      (1st half) 2.0
                      (2nd half) 1.3

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	11.7	7	28.1	30.0	316	772.4	11.5	13.9	14.4	4	8
21:00	10.8	6	25.1	27.2	292	772.7	11.3	13.3	14.6	4	5
22:00	10.7	5	30.9	33.1	288	773.3	11.3	13.2	14.7	3	5
23:00	10.8	7	30.1	34.5	290	773.6	11.5	13.0	14.5	4	7
00:00	11.0	7	33.7	37.5	304	773.5	11.7	12.7	14.4	5	7
01:00	11.1	10	8.9	14.3	265	773.3	11.6	12.8	14.4	7	9
02:00	10.6	60	19.5	25.2	290	773.1	11.4	12.2	14.2	60	50
03:00	10.8	67	11.5	14.3	303	772.9	11.4	12.5	14.4	64	59
04:00	10.9	67	12.8	17.0	280	772.7	11.4	12.7	14.2	65	58
05:00	10.7	67	26.9	31.8	301	772.6	11.4	12.6	14.1	62	58
06:00	10.6	56	27.1	33.1	299	772.3	11.4	12.6	14.1	53	48

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SUNSET(UT)            19:55
EVENING TWILIGHT(UT)  21:12
MORNING TWILIGHT(UT)  05:20
SUNRISE(UT)           06:36
MOON'S QUARTER (1-4)  1
DISK % OF ILLUM.      1
DARK TIME             08:08
TWILIGHT TIME         02:33
MOONRISE(UT)          No moonrise within sunset-sunrise
MOONSET(UT)           20:36

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
276868	Skyflat B 1s	16:59:59.99	+41:00:00.0	J2000.00	1.025	180.0	20:04:15.4	1.1	B	Harris	1 x 1	

276869	Skyflat B 1s	17:00:00.00	+40:59:59.9	J2000.00	1.024	180.0	20:06:52.5	1.1	B	Harris		1 x 1	
276870	Skyflat B 1.5s	16:59:59.99	+40:59:59.9	J2000.00	1.024	180.0	20:08:40.8	1.6	B	Harris		1 x 1	
276871	Skyflat B 2s	17:00:00.00	+41:00:00.0	J2000.00	1.024	180.0	20:09:42.3	2.1	B	Harris		1 x 1	
276872	Skyflat B 3.5s	16:59:59.99	+41:00:00.0	J2000.00	1.024	180.0	20:10:41.6	3.6	B	Harris		1 x 1	
276873	Skyflat B 5s	17:00:00.00	+41:00:00.0	J2000.00	1.024	180.0	20:11:46.5	5.1	B	Harris		1 x 1	
276874	Skyflat V 3s	17:00:00.00	+40:59:59.9	J2000.00	1.023	180.0	20:12:46.9	3.1	V	Harris		1 x 1	
276875	Skyflat V 7s	17:00:00.00	+40:59:59.9	J2000.00	1.023	180.0	20:13:54.2	7.1	V	Harris		1 x 1	
276876	Skyflat V 10s	17:00:01.76	+41:00:20.0	J2000.00	1.023	180.0	20:15:01.9	10.1	V	Harris		1 x 1	
276877	Skyflat V 16s	17:00:03.53	+41:00:39.9	J2000.00	1.023	180.0	20:16:19.8	16.1	V	Harris		1 x 1	
276878	Skyflat V 25s	17:00:05.30	+41:01:00.0	J2000.00	1.023	180.0	20:17:33.9	25.1	V	Harris		1 x 1	
276879	Skyflat I 15s	17:00:05.29	+41:01:00.0	J2000.00	1.023	180.0	20:18:58.7	15.1	I	INT-WFC		1 x 1	
276880	Skyflat I 22s	17:00:03.53	+41:00:40.0	J2000.00	1.023	180.0	20:20:16.9	22.1	I	INT-WFC		1 x 1	
276881	Skyflat I 35s	17:00:01.76	+41:00:20.1	J2000.00	1.023	180.0	20:21:35.8	35.1	I	INT-WFC		1 x 1	
276882	Skyflat I 60s	17:00:00.00	+40:59:59.9	J2000.00	1.023	180.0	20:23:14.6	59.6	I	INT-WFC		1 x 1	
276883	Skyflat I 90s	16:59:58.23	+40:59:40.0	J2000.00	1.024	180.0	20:25:33.6	90.1	I	INT-WFC		1 x 1	
276884	Focus run	18:43:08.99	-00:08:50.1	J2000.00	1.237	180.0	20:32:29.6	10.1	V	Harris		1 x 1	
276885	sa110-364 V	18:43:13.00	-00:12:19.9	J2000.00	1.226	180.0	20:36:30.3	20.1	V	Harris		1 x 1	
276886	sa110-364 B	18:43:13.00	-00:12:20.0	J2000.00	1.223	180.0	20:37:57.5	50.1	B	Harris		1 x 1	
276887	sa110-364 I	18:43:13.00	-00:12:19.9	J2000.00	1.219	180.0	20:39:53.2	20.1	I	INT-WFC		1 x 1	
276888	sa110-364 20s r	18:43:12.99	-00:12:19.9	J2000.00	1.216	180.0	20:41:23.6	20.1	r	Sloan		1 x 1	
276889	sa110-364 20s i	18:43:13.00	-00:12:19.9	J2000.00	1.214	180.0	20:42:49.7	20.1	i	Sloan		1 x 1	
276890	sa110-364 40s z	18:43:13.00	-00:12:19.9	J2000.00	1.211	180.0	20:44:11.9	40.1	z	Gunn		1 x 1	
276891	KS1731-260 60s z	17:34:13.47	-26:05:18.8	J2000.00	1.734	180.0	20:48:27.1	60.1	z	Gunn		1 x 1	
276892	KS1731-260 60s r	17:34:13.47	-26:05:18.5	J2000.00	1.734	180.0	20:50:26.6	60.0	r	Sloan		1 x 1	
276893	KS1731-260 60s r	17:34:13.47	-26:05:18.8	J2000.00	1.733	180.0	20:53:30.9	60.1	r	Sloan		1 x 1	
276894	KS1731-260 60s i	17:34:13.46	-26:05:18.6	J2000.00	1.734	180.0	20:57:34.6	59.6	i	Sloan		1 x 1	
276895	ngc6440 V	17:48:52.67	-20:21:34.4	J2000.00	1.526	180.0	21:02:22.2	299.6	V	Harris		1 x 1	
276896	ngc6440 B	17:48:52.65	-20:21:34.4	J2000.00	1.526	180.0	21:08:46.3	299.9	B	Harris		1 x 1	
276897	ngc6440 I	17:48:52.66	-20:21:34.5	J2000.00	1.529	180.0	21:15:07.4	499.5	I	INT-WFC		1 x 1	
276898	f_72 V	18:30:00.00	+36:00:00.1	J2000.00	1.010	180.0	21:27:07.7	599.3	V	Harris		1 x 1	
276899	f_72 V	18:30:00.00	+35:59:59.8	J2000.00	1.008	180.0	21:40:54.4	599.4	V	Harris		1 x 1	
276900	f_72 B	18:29:59.99	+36:00:00.0	J2000.00	1.009	180.0	21:52:24.7	599.5	B	Harris		1 x 1	
276901	f_72 I	18:30:00.00	+36:00:00.0	J2000.00	1.012	180.0	22:03:49.2	899.0	I	INT-WFC		1 x 1	
276902	f_72 V	18:29:59.99	+35:59:59.9	J2000.00	1.017	180.0	22:20:10.7	599.6	V	Harris		1 x 1	
276903	f_73 V	18:33:00.00	+36:00:00.0	J2000.00	1.023	180.0	22:32:02.8	599.3	V	Harris		1 x 1	
276904	f_73 B	18:32:59.99	+35:59:59.9	J2000.00	1.031	180.0	22:43:25.1	599.6	B	Harris		1 x 1	
276905	f_73 I	18:32:59.99	+36:00:00.2	J2000.00	1.044	180.0	22:54:50.3	899.1	I	INT-WFC		1 x 1	
276906	f_73 V	18:33:00.00	+35:59:59.9	J2000.00	1.060	180.0	23:11:12.6	598.8	V	Harris		1 x 1	
276907	f_74 V	18:33:29.99	+36:34:59.8	J2000.00	1.076	180.0	23:23:07.6	599.4	V	Harris		1 x 1	
276908	f_74 B	18:33:29.99	+36:34:59.8	J2000.00	1.094	180.0	23:34:28.3	599.5	B	Harris		1 x 1	Seeing shot up
276909	f_74 I	18:33:29.99	+36:34:59.8	J2000.00	1.119	180.0	23:45:58.1	899.1	I	INT-WFC		1 x 1	
276910	f_74 V	18:33:30.00	+36:35:00.0	J2000.00	1.149	180.0	00:02:24.3	599.4	V	Harris		1 x 1	
276911	f_75 V	18:32:39.99	+35:24:59.8	J2000.00	1.179	180.0	00:14:15.3	599.4	V	Harris		1 x 1	
276912	f_75 B	18:32:39.99	+35:25:00.0	J2000.00	1.210	180.0	00:25:42.8	599.4	B	Harris		1 x 1	
276913	f_75 I	18:32:40.00	+35:24:59.8	J2000.00	1.254	180.0	00:37:04.1	899.1	I	INT-WFC		1 x 1	
276915	sa113-272 V	21:42:25.00	+00:20:03.9	J2000.00	1.137	180.0	01:06:35.0	20.1	V	Harris		1 x 1	
276916	sa113-272 B	21:42:25.00	+00:20:03.9	J2000.00	1.137	180.0	01:08:02.8	50.0	B	Harris		1 x 1	
276917	sa113-272 I	21:42:25.00	+00:20:03.9	J2000.00	1.138	180.0	01:09:56.6	20.1	I	INT-WFC		1 x 1	
276918	f_76 V	23:42:23.49	+28:09:59.9	J2000.00	1.080	180.0	01:13:45.5	599.6	V	Harris		1 x 1	
276919	f_76 V	23:42:23.50	+28:10:00.0	J2000.00	1.062	180.0	01:25:11.2	599.6	V	Harris		1 x 1	
276920	f_76 V	23:42:23.50	+28:10:00.0	J2000.00	1.047	180.0	01:36:37.9	599.4	V	Harris		1 x 1	
276921	f_76 V	23:42:23.49	+28:10:00.0	J2000.00	1.034	180.0	01:48:06.5	599.5	V	Harris		1 x 1	
276922	f_77 V	23:45:00.00	+28:10:00.0	J2000.00	1.024	180.0	02:00:43.2	599.5	V	Harris		1 x 1	
276923	f_77 V	23:44:59.99	+28:09:59.8	J2000.00	1.015	180.0	02:12:08.8	599.5	V	Harris		1 x 1	
276924	f_77 V	23:44:59.99	+28:10:00.0	J2000.00	1.009	180.0	02:23:34.4	599.4	V	Harris		1 x 1	
276925	f_77 V	23:45:00.00	+28:09:59.8	J2000.00	1.004	180.0	02:35:02.7	599.4	V	Harris	1	1 x 1	
276926	f_78 V	23:47:40.00	+28:10:00.0	J2000.00	1.001	180.0	02:47:42.6	599.5	V	Harris	1	1 x 1	
276927	f_78 V	23:47:39.99	+28:10:00.0	J2000.00	1.000	180.0	02:59:09.0	599.4	V	Harris	1	1 x 1	
276928	f_78 V	23:47:40.00	+28:09:59.9	J2000.00	1.001	180.0	03:10:35.1	599.3	V	Harris	1	1 x 1	
276929	f_78 V	23:47:40.00	+28:10:00.0	J2000.00	1.004	180.0	03:22:00.7	599.6	V	Harris	1	1 x 1	
276930	f_77 V	23:45:00.00	+28:10:00.0	J2000.00	1.010	180.0	03:34:06.8	599.6	V	Harris	1	1 x 1	
276931	f_78 V	23:47:40.00	+28:10:00.0	J2000.00	1.016	180.0	03:46:07.7	599.4	V	Harris	1	1 x 1	

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276932 M31-microfld1         0:43:59.99 +41:34:00.0 J2000.00 1.025 180.0 03:59:08.7    319.8        r      Sloan    1      1 x 1
276933 M31-microfld1         0:44:00.00 +41:34:00.0 J2000.00 1.026 180.0 04:05:47.6    319.9        r      Sloan    1      1 x 1
276934 M31-microfld1         0:44:00.00 +41:34:00.1 J2000.00 1.027 180.0 04:12:24.6    319.8        i      Sloan    1      1 x 1
276935 M31-microfld1         0:43:59.99 +41:34:00.0 J2000.00 1.028 180.0 04:19:03.3    319.8        i      Sloan    1      1 x 1
276936 M31-microfld2         0:21:35.00 +20:29:07.4 J2000.00 1.029 180.0 04:26:44.6    319.7        r      Sloan    1      1 x 1
276937 M31-microfld2         0:43:09.99 +40:58:15.0 J2000.00 1.032 180.0 04:33:22.3    319.8        r      Sloan    1      1 x 1
276938 M31-microfld2         0:43:10.00 +40:58:14.9 J2000.00 1.035 180.0 04:40:00.5    319.8        i      Sloan    1      1 x 1
276939 M31-microfld2         0:43:10.00 +40:58:14.9 J2000.00 1.039 180.0 04:46:38.4    319.8        i      Sloan    1      1 x 1
276940 f_79 V               23:50:20.00 +28:20:00.0 J2000.00 1.100 180.0 04:55:03.2    599.5        V     Harris    1      1 x 1
276941 f_79 V               23:50:20.00 +28:19:59.9 J2000.00 1.125 180.0 05:07:12.9    599.4        V     Harris    1      1 x 1
276942 f_79 V               23:50:20.00 +28:20:00.0 J2000.00 1.153 180.0 05:18:57.9    599.5        V     Harris    1      1 x 1
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