```
INT OBSERVING LOG (ISAAC NEWTON GROUP, LA PALMA)

TELESCOPE:              INT
DATE:                   20000529
TAPE NR:                INTD4396
OBSERVER:               Paul Groot/ Paul Vreeswijk
PROGRAMME:              WFS10: The Faint Sky Variability Survey
PATT/CAT REF.:          WFS10
TELESCOPE OPERATOR:     Paul Groot
SUPPORT ASTRONOMER:     Robert Greimel

TELESCOPE FOCUS:        45.8 mm
CALIBRATE RESULTS:      not specified

INSTRUMENT:             WFC

WFC FILTER WHEEL:       UBVRIHa

WEATHER:                (1st half) Good
                        (2nd half) Good
CLOUD COVER (%):        (1st half) 5
                        (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):       19:30

METEOROLOGICAL PARAMETERS
 UT     AirT  Hum%  Wspd  Gust  Wdir  Press LocT IntT  Mirr  LocRH IntRH
21:00   14.3  28    13.1  14.2  145   773.2 14.8  16.2  16.1  26    24
22:00   13.9  29    8.8   9.3   150   773.4 14.5  15.7  15.8  27    25
23:00   14.2  29    9.4   11.3  154   773.7 14.6  15.5  15.9  27    25
00:00   13.9  26    7.7   8.7   180   774.0 14.6  15.3  15.7  24    23
01:00   14.0  21    23.5  27.0  145   773.4 14.6  15.0  15.6  20    20
02:00   13.7  22    20.5  22.4  138   773.2 14.2  14.8  15.7  21    20
03:00   13.5  22    26.5  27.5  143   772.7 13.8  14.5  15.6  20    19
04:00   13.3  23    27.1  29.4  152   772.4 13.7  14.3  15.4  22    21
05:00   13.2  24    21.5  23.1  147   772.4 13.5  14.2  15.3  22    22
06:00   13.2  22    26.0  27.3  159   772.4 13.6  14.1  15.2  20    20

SUNSET(UT)              20:11
EVENING TWILIGHT(UT)    21:35
MORNING TWILIGHT(UT)    04:42
SUNRISE(UT)             06:06
MOON'S QUARTER (1-4)    4
DISK % OF ILLUM.        11
DARK TIME               07:07
TWILIGHT TIME           02:48
MOONRISE(UT)            03:58
MOONSET(UT)             No moonset within sunset-sunrise

TIME LOST(WEATHER):     00:00
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
 218406 Bias frame           6:20:00.00 +44:59:59.9 A        1.131 180.1 13:07:32.5      0.0    Halpha Narrow-ban
 218407 Bias                 0:00:00.00 +00:00:00.0 A        1.142 180.1 15:57:28.7      0.0         I    INT-WFC
```

218408	Bias	0:00:00.00	+00:00:00.0	A	1.142	180.1	16:06:04.8	0.0	I	INT-WFC
218409	Bias	0:00:00.00	+00:00:00.0	A	1.142	180.1	16:07:09.1	0.0	I	INT-WFC
218410	Bias	0:00:00.00	+00:00:00.0	A	1.142	180.1	16:08:14.1	0.0	I	INT-WFC
218411	Bias	0:00:00.00	+00:00:00.0	A	1.142	180.1	16:09:19.1	0.0	I	INT-WFC
218412	Bias	0:00:00.00	+00:00:00.0	A	1.142	180.1	16:10:24.8	0.0	I	INT-WFC
218413	Bias	0:00:00.00	+00:00:00.0	A	1.142	180.1	16:11:30.4	0.0	I	INT-WFC
218414	Bias	0:00:00.00	+00:00:00.0	A	1.142	180.1	16:12:36.4	0.0	I	INT-WFC
218415	Bias	0:00:00.00	+00:00:00.0	A	1.142	180.1	16:13:42.2	0.0	I	INT-WFC
218416	Bias	0:00:00.00	+00:00:00.0	A	1.142	180.1	16:14:48.1	0.0	I	INT-WFC
218417	Skyflat U 2s	13:04:33.00	+29:50:49.0	B1950.00	1.067	180.1	20:14:26.1	2.2	U	RGO
218418	Skyflat U 2s	13:04:33.00	+29:50:49.0	B1950.00	1.064	180.1	20:15:54.9	2.1	U	RGO
218419	Skyflat U 5s	13:04:34.53	+29:50:49.0	B1950.00	1.060	180.1	20:18:51.6	5.1	U	RGO
218420	Skyflat U 5s	13:04:36.07	+29:50:49.0	B1950.00	1.058	180.1	20:20:35.2	5.1	U	RGO
218421	Skyflat U 8s	13:04:37.61	+29:50:48.9	B1950.00	1.056	180.1	20:21:50.6	7.6	U	RGO
218422	Skyflat U 8s	13:04:37.61	+29:50:49.0	B1950.00	1.054	180.1	20:23:22.8	8.1	U	RGO
218423	Skyflat U 8s	13:04:37.61	+29:50:48.9	B1950.00	1.051	180.1	20:25:17.1	8.1	U	RGO
218424	Skyflat B 5s	13:04:37.61	+29:51:08.9	B1950.00	1.049	180.1	20:27:12.7	5.1	B	Harris
218425	Skyflat B 8s	13:04:37.61	+29:51:29.0	B1950.00	1.047	180.1	20:28:48.8	8.1	B	Harris
218426	Skyflat B 12s	13:04:37.61	+29:51:29.0	B1950.00	1.045	180.1	20:30:17.6	11.6	B	Harris
218427	Skyflat B 20s	13:04:37.61	+29:51:48.9	B1950.00	1.043	180.1	20:31:50.9	20.1	B	Harris
218428	Skyflat B 15s	13:04:39.15	+29:51:48.9	B1950.00	1.041	180.1	20:33:49.4	15.1	B	Harris
218429	Skyflat B 20s	13:04:39.14	+29:51:59.1	B1950.00	1.038	180.1	20:36:00.7	20.1	B	Harris
218430	Skyflat B 25s	13:04:39.15	+29:52:28.9	B1950.00	1.037	180.1	20:37:40.4	25.1	B	Harris
218431	Skyflat I 15s	13:04:39.15	+29:52:49.0	B1950.00	1.034	180.1	20:40:14.3	15.1	I	INT-WFC
218432	Skyflat I 45s	13:04:40.68	+29:52:48.9	B1950.00	1.032	180.1	20:42:09.7	45.1	I	INT-WFC
218433	Skyflat I 65s	13:04:42.22	+29:52:39.0	B1950.00	1.030	180.1	20:44:11.4	65.1	I	INT-WFC
218434	Skyflat I 120s	13:04:42.22	+29:52:29.0	B1950.00	1.027	180.1	20:46:40.8	120.0	I	INT-WFC
218435	Skyflat I 300s	13:04:42.22	+29:52:09.0	B1950.00	1.023	180.1	20:49:52.5	299.8	I	INT-WFC
218436	Focus run	12:42:21.00	-00:37:57.9	J2000.00	1.151	180.1	21:05:57.1	10.1	Halpha	Narrow-ban
218437	Focus run	12:42:21.00	-00:37:57.9	J2000.00	1.148	180.1	21:16:14.3	10.1	V	Harris
218438	f_25 V	12:51:34.20	+26:24:10.1	J2000.00	1.001	180.1	21:22:08.0	599.4	V	Harris
218440	f_33 V	17:21:09.39	+27:12:09.9	J2000.00	1.698	180.1	21:49:29.3	599.5	V	Harris
218441	f_34 V	17:21:09.39	+27:44:09.6	J2000.00	1.596	180.1	22:01:30.6	599.4	V	Harris
218442	f_53 V	16:23:58.50	+27:07:58.1	J2000.00	1.244	180.1	22:13:32.4	599.2	V	Harris
218443	f_57 V	16:31:52.40	+21:21:06.9	J2000.00	1.255	180.1	22:25:33.8	599.3	V	Harris
218444	f_25 V	12:51:34.20	+26:24:10.0	J2000.00	1.039	180.1	22:37:42.8	599.4	V	Harris
218445	f_57 V	16:31:52.39	+21:21:06.8	J2000.00	1.177	180.1	22:49:55.9	599.5	V	Harris
218446	f_53 V	16:23:58.50	+27:07:57.9	J2000.00	1.112	180.1	23:01:56.9	599.3	V	Harris
218447	f_33 V	17:21:09.40	+27:12:10.2	J2000.00	1.232	180.1	23:13:58.9	599.4	V	Harris
218448	f_34 V	17:21:09.40	+27:44:09.8	J2000.00	1.192	180.1	23:26:00.4	599.4	V	Harris
218450	F_26 600s V	12:49:24.20	+26:07:09.9	J2000.00	1.155	180.1	23:40:07.7	599.5	V	Harris
218451	f_25 V	12:51:34.19	+26:24:09.8	J2000.00	1.182	180.1	23:52:43.2	599.5	V	Harris
218452	f_26 V	12:49:24.20	+26:07:09.8	J2000.00	1.227	180.1	00:04:38.2	599.5	V	Harris
218453	f_25 V	12:51:34.20	+26:24:10.0	J2000.00	1.260	180.1	00:16:33.4	599.5	V	Harris
218454	f_26 V	12:49:24.20	+26:07:09.8	J2000.00	1.318	180.1	00:28:43.3	599.5	V	Harris
218455	f_25 V	12:51:34.20	+26:24:09.8	J2000.00	1.361	180.1	00:40:45.7	599.3	V	Harris
218457	f_33 V	17:21:09.39	+27:12:09.9	J2000.00	1.027	180.1	00:56:45.1	599.5	V	Harris
218458	f_34 V	17:21:09.39	+27:44:10.2	J2000.00	1.017	180.1	01:08:47.4	599.5	V	Harris
218459	f_53 V	16:23:58.50	+27:07:58.0	J2000.00	1.004	180.1	01:20:46.2	599.5	V	Harris
218460	f_57 V	16:31:52.39	+21:21:06.9	J2000.00	1.014	180.1	01:32:52.4	599.4	V	Harris
218461	f_33 V	17:21:09.39	+27:12:10.0	J2000.00	1.001	180.1	01:44:59.8	599.4	V	Harris
218462	f_53 V	16:23:58.49	+27:07:57.9	J2000.00	1.026	180.1	01:57:05.6	599.4	V	Harris
218463	f_57 V	16:31:52.38	+21:21:07.0	J2000.00	1.040	180.1	02:09:07.0	599.4	V	Harris
218464	f_34 V	17:21:09.39	+27:44:10.0	J2000.00	1.005	180.1	02:21:03.9	599.5	V	Harris
218465	f_33 V	17:21:09.39	+27:12:09.8	J2000.00	1.011	180.1	02:33:00.5	599.4	V	Harris
218466	F_33 v	17:21:09.40	+27:12:10.0	J2000.00	1.018	180.1	02:44:48.9	599.4	V	Harris
218467	f_33 V	17:21:09.40	+27:12:10.0	J2000.00	1.029	180.1	02:57:35.5	599.4	V	Harris
218468	f_57 V	16:31:52.39	+21:21:07.0	J2000.00	1.140	180.1	03:09:43.4	599.6	V	Harris
218469	f_53 V	16:23:58.50	+27:07:57.8	J2000.00	1.173	180.1	03:21:42.9	599.6	V	Harris
218470	f_34 V	17:21:09.39	+27:44:10.1	J2000.00	1.075	180.1	03:33:46.8	599.4	V	Harris
218471	f_34 V	17:21:09.40	+27:44:10.0	J2000.00	1.096	180.1	03:45:41.3	599.2	V	Harris
218472	f_34 V	17:21:09.40	+27:44:09.9	J2000.00	1.120	180.1	03:57:46.5	599.5	V	Harris

218473	f_53 V	16:23:58.50	+27:07:58.0	J2000.00	1.344	180.1	04:09:41.2	599.5	V	Harris
218474	f_53 V	16:23:58.50	+27:07:57.9	J2000.00	1.403	180.1	04:21:46.5	599.5	V	Harris
218475	f_53 V	16:23:58.50	+27:07:57.9	J2000.00	1.469	180.1	04:33:41.6	599.5	V	Harris
218476	f_57 V	16:31:52.40	+21:21:06.8	J2000.00	1.547	180.1	04:45:36.7	598.9	V	Harris
218477	f_57 V	16:31:52.39	+21:21:06.8	J2000.00	1.648	180.1	04:59:00.5	599.6	V	Harris
218479	kldra U	19:24:38.20	+59:41:46.0	J2000.00	1.206	180.1	05:26:54.8	60.0	U	RGO
218480	kldra B	19:24:38.20	+59:41:45.9	J2000.00	1.209	180.1	05:29:31.7	60.1	B	Harris
218481	kldra V	19:24:38.20	+59:41:46.0	J2000.00	1.211	180.1	05:32:13.7	60.0	V	Harris
218482	kldra R	19:24:38.20	+59:41:46.0	J2000.00	1.214	180.1	05:34:51.2	60.1	R	Harris
218483	Skyflat 40s I	19:24:38.19	+59:41:46.1	J2000.00	1.217	180.1	05:37:02.0	40.0	I	INT-WFC
218484	Skyflat 30s I	19:24:40.84	+59:41:46.0	J2000.00	1.219	180.1	05:39:41.0	30.1	I	INT-WFC
218485	Skyflat 25s I	19:24:43.48	+59:41:45.9	J2000.00	1.221	180.1	05:41:28.3	25.1	I	INT-WFC
218486	Skyflat 15s I	19:24:46.12	+59:41:45.9	J2000.00	1.224	180.1	05:43:36.3	15.1	I	INT-WFC
218487	Skyflat 5s I	19:24:48.77	+59:41:46.0	J2000.00	1.226	180.1	05:45:25.4	5.1	I	INT-WFC