INT OBSERVING LOG (ISAAC NEWTON GROUP, LA PALMA)

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TELESCOPE:            INT
DATE:                 20000530
TAPE NR:              INTD4397
OBSERVER:             Paul Groot/ Paul Vreeswijk/ Nial Tanvir
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) 0
                      (2nd half) 0
DUST (0-2):           (1st half) 0
                      (2nd half) 0
SEEING (arcsec):      (1st half) 1.0
                      (2nd half) 1.0

DOME OPENED (UT):     19:00
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METEOROLOGICAL PARAMETERS

UT	AirT	Hum%	Wspd	Gust	Wdir	Press	LocT	IntT	Mirr	LocRH	IntRH
21:00	15.4	25	28.3	31.4	227	773.4	15.8	16.8	16.9	23	22
22:00	15.1	27	22.2	24.4	152	774.0	15.5	16.5	16.7	25	23
23:00	14.8	28	23.4	26.6	153	774.2	15.1	16.1	16.6	26	24
00:00	15.1	25	28.1	30.9	178	774.5	15.2	16.0	16.6	25	24
01:00	15.0	22	30.0	31.6	166	774.2	15.3	16.0	16.4	21	20
02:00	14.9	20	30.3	32.3	149	773.7	15.2	16.0	16.4	19	18
03:00	14.8	19	34.1	36.0	150	772.9	15.0	15.6	16.3	19	19
04:00	14.7	20	34.9	38.4	169	772.4	14.8	15.4	16.4	19	19
05:00	14.6	19	34.3	37.0	151	772.1	14.7	15.3	16.2	19	19
06:00	14.8	17	42.0	44.1	151	771.9	15.0	15.4	16.2	17	17

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SUNSET(UT)            20:12
EVENING TWILIGHT(UT)  21:36
MORNING TWILIGHT(UT)  04:41
SUNRISE(UT)           06:06
MOON'S QUARTER (1-4)  4
DISK % OF ILLUM.      5
DARK TIME             07:05
TWILIGHT TIME         02:49
MOONRISE(UT)          04:37
MOONSET(UT)           No moonset within sunset-sunrise

TIME LOST(WEATHER):   00:00
TIME LOST(TECHNICAL): 00:00
TIME LOST(OTHER):     00:00

COMMENTS:
  Good night, no problems
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Run no.	Object name	RA	Dec.	Equinox	AM	PA	UT	Exp. T.	Filter	Psys	Channel	Binning	Comments

218488	Bias	3:44:59.99	+56:00:00.0	J2000.00	1.221	180.1	14:27:06.7	0.0	U	RGO		
218489	Bias	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.1	19:17:38.8	0.0	U	RGO		
218490	Skyflat Ha 2s	13:04:33.00	+29:50:49.0	B1950.00	1.071	180.1	20:07:38.0	2.1	Halpha	Narrow-ban		Sat
218491	Skyflat Ha 2s	13:04:33.00	+29:50:49.0	B1950.00	1.063	180.1	20:12:50.0	2.1	Halpha	Narrow-ban		Sat
218492	Skyflat Ha 2s	13:04:33.00	+29:50:49.0	B1950.00	1.060	180.1	20:14:48.6	1.6	Halpha	Narrow-ban		
218493	Skyflat Ha 5s	13:04:34.53	+29:50:49.0	B1950.00	1.057	180.1	20:16:50.6	4.6	Halpha	Narrow-ban		
218494	Skyflat Ha 5s	13:04:34.53	+29:50:48.9	B1950.00	1.055	180.1	20:18:18.0	5.1	Halpha	Narrow-ban		
218495	Skyflat Ha 5s	13:04:34.53	+29:50:48.9	B1950.00	1.053	180.1	20:20:17.5	5.1	Halpha	Narrow-ban		
218496	Skyflat Ha 7s	13:04:34.53	+29:50:48.9	B1950.00	1.050	180.1	20:22:10.9	7.1	Halpha	Narrow-ban		
218497	Skyflat Ha 10s	13:04:34.53	+29:50:48.9	B1950.00	1.049	180.1	20:23:34.3	10.1	Halpha	Narrow-ban		
218498	Skyflat Ha 15s	13:04:34.53	+29:50:49.0	B1950.00	1.046	180.1	20:25:34.9	15.1	Halpha	Narrow-ban		
218499	Skyflat I 2s	13:04:34.53	+29:50:49.0	B1950.00	1.044	180.1	20:27:36.5	1.6	I	INT-WFC		
218500	Skyflat I 4s	13:04:34.53	+29:50:49.0	B1950.00	1.041	180.1	20:29:32.6	4.1	I	INT-WFC		
218501	Skyflat I 7s	13:04:34.53	+29:50:49.0	B1950.00	1.039	180.1	20:31:11.7	7.1	I	INT-WFC		
218502	Skyflat I 15s	13:04:34.53	+29:50:49.0	B1950.00	1.037	180.1	20:32:56.8	15.1	I	INT-WFC		
218503	Skyflat I 30s	13:04:36.07	+29:50:48.9	B1950.00	1.035	180.1	20:34:49.6	30.1	I	INT-WFC		
218504	Skyflat I 30s	13:04:37.61	+29:50:48.9	B1950.00	1.033	180.1	20:36:56.7	30.1	I	INT-WFC		
218505	Skyflat I 30s	13:04:39.15	+29:50:48.9	B1950.00	1.031	180.1	20:39:10.5	30.1	I	INT-WFC		
218506	Skyflat I 40s	13:04:39.15	+29:51:08.9	B1950.00	1.029	180.1	20:41:27.1	40.1	I	INT-WFC		
218507	Skyflat I 60s	13:04:39.14	+29:51:28.9	B1950.00	1.027	180.1	20:43:14.9	60.1	I	INT-WFC		
218508	Skyflat I 90s	13:04:39.15	+29:51:49.0	B1950.00	1.025	180.1	20:45:22.9	90.0	I	INT-WFC		
218509	Skyflat I 120s	13:04:39.15	+29:52:08.9	B1950.00	1.021	180.1	20:49:36.6	120.0	I	INT-WFC		
218510	Skyflat I 200s	13:04:40.68	+29:52:08.9	B1950.00	1.018	180.1	20:52:57.5	199.9	I	INT-WFC		
218511	Skyflat I 300s	13:04:40.68	+29:52:29.0	B1950.00	1.014	180.1	20:57:58.6	299.7	I	INT-WFC		
218512	Focus run	11:50:41.74	+01:48:22.8	J2000.00	1.140	180.1	21:11:40.5	10.1	V	Harris		
218514	f_25 V	12:51:34.19	+26:24:10.1	J2000.00	1.001	180.1	21:22:37.2	599.4	V	Harris		
218515	f_25 V	12:51:34.20	+26:24:10.1	J2000.00	1.002	180.1	21:34:43.4	599.4	V	Harris		
218516	f_25 V	12:51:34.20	+26:24:09.8	J2000.00	1.005	180.1	21:46:39.9	599.5	V	Harris		
218517	f_25 V	12:51:34.21	+26:24:09.8	J2000.00	1.010	180.1	21:58:41.9	599.4	V	Harris		
218518	f_25 V	12:51:34.20	+26:24:10.1	J2000.00	1.018	180.1	22:10:38.7	599.5	V	Harris		
218519	f_26 V	12:49:24.20	+26:07:10.1	J2000.00	1.030	180.1	22:22:36.3	599.5	V	Harris		
218520	f_26 V	12:49:24.19	+26:07:09.9	J2000.00	1.043	180.1	22:34:31.6	599.4	V	Harris		
218521	f_26 V	12:49:24.20	+26:07:09.9	J2000.00	1.058	180.1	22:46:29.8	599.6	V	Harris		
218522	f_26 V	12:49:24.20	+26:07:10.0	J2000.00	1.077	180.1	22:58:28.6	599.3	V	Harris		
218524	f_26 V	12:49:24.19	+26:07:09.9	J2000.00	1.102	180.1	23:12:24.0	599.4	V	Harris		
218525	f_54 V	16:21:44.39	+27:07:58.0	J2000.00	1.054	180.1	23:29:43.9	599.4	V	Harris		
218526	f_55 V	16:26:09.40	+27:07:58.3	J2000.00	1.045	180.1	23:41:43.8	599.5	V	Harris		
218527	f_56 V	16:28:24.40	+27:07:57.9	J2000.00	1.034	180.1	23:53:41.1	599.5	V	Harris		
218528	f_58 V	16:33:52.40	+21:21:07.0	J2000.00	1.037	180.1	00:05:41.9	599.4	V	Harris		
218529	f_26 V	12:49:24.20	+26:07:10.0	J2000.00	1.289	180.1	00:17:54.4	599.3	V	Harris		
218530	f_58 V	16:33:52.40	+21:21:07.0	J2000.00	1.018	180.1	00:30:10.4	599.6	V	Harris		
218531	f_54 V	16:21:44.40	+27:07:58.1	J2000.00	1.001	180.1	00:42:05.0	599.5	V	Harris		
218532	f_55 V	16:26:09.38	+27:07:58.3	J2000.00	1.001	180.1	00:54:03.4	599.4	V	Harris		
218533	f_56 V	16:28:24.40	+27:07:58.1	J2000.00	1.001	180.1	01:05:59.2	599.5	V	Harris		
218534	f_25 V	12:51:34.20	+26:24:09.8	J2000.00	1.611	180.1	01:18:11.5	599.6	V	Harris		
218535	f_54 V	16:21:44.40	+27:07:57.9	J2000.00	1.012	180.1	01:31:22.1	599.5	V	Harris		
218536	f_55 V	16:26:09.40	+27:07:58.1	J2000.00	1.016	180.1	01:43:22.2	599.4	V	Harris		
218537	f_56 V	16:28:24.40	+27:07:58.0	J2000.00	1.024	180.1	01:55:16.7	599.4	V	Harris		
218538	f_58 V	16:33:52.40	+21:21:07.0	J2000.00	1.040	180.1	02:07:16.0	599.5	V	Harris		
218539	f_54 V	16:21:44.40	+27:07:57.9	J2000.00	1.058	180.1	02:19:11.6	599.0	V	Harris		
218540	f_56 V	16:28:24.40	+27:07:58.0	J2000.00	1.066	180.1	02:31:13.5	599.4	V	Harris		
218541	f_58 V	16:33:52.39	+21:21:06.9	J2000.00	1.090	180.1	02:43:07.3	599.3	V	Harris		
218542	f_55 V	16:26:09.40	+27:07:57.9	J2000.00	1.113	180.1	02:55:07.8	599.6	V	Harris		
218543	f_54 V	16:21:44.40	+27:07:57.8	J2000.00	1.150	180.1	03:07:03.3	599.5	V	Harris		
218544	f_54 V	16:21:44.39	+27:07:57.8	J2000.00	1.182	180.1	03:19:04.3	599.5	V	Harris		
218545	f_54 V	16:21:44.40	+27:07:57.9	J2000.00	1.220	180.1	03:31:31.0	599.5	V	Harris		
218546	f_58 V	16:33:52.40	+21:21:07.0	J2000.00	1.244	180.1	03:43:27.3	599.5	V	Harris		
218547	f_56 V	16:28:24.39	+27:07:57.9	J2000.00	1.281	180.1	03:55:22.1	599.4	V	Harris		
218548	f_55 V	16:26:09.39	+27:07:57.8	J2000.00	1.341	180.1	04:07:22.2	599.5	V	Harris		
218549	f_55 V	16:26:09.40	+27:07:57.9	J2000.00	1.399	180.1	04:19:18.1	599.6	V	Harris		
218550	f_55 V	16:26:09.39	+27:07:57.9	J2000.00	1.464	180.1	04:31:13.7	598.9	V	Harris		
218551	f_56 V	16:28:24.40	+27:07:58.3	J2000.00	1.524	180.1	04:43:07.7	599.5	V	Harris		

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218552 f_56 V              16:28:24.40 +27:07:58.1 J2000.00 1.608 180.1 04:55:04.7    599.4       V     Harris
218553 f_56 V              16:28:24.39 +27:07:58.2 J2000.00 1.706 180.1 05:07:04.9    599.5       V     Harris
218555 kldra U             19:24:38.20 +59:41:46.0 J2000.00 1.206 180.1 05:22:47.7     60.1       U        RGO
218556 kldra V             19:24:38.19 +59:41:45.9 J2000.00 1.208 180.1 05:25:24.7     60.0       B     Harris
218557 kldra R             19:24:38.20 +59:41:46.1 J2000.00 1.211 180.1 05:28:05.3     60.0       V     Harris
218558 Skyflat 60s V       19:24:38.20 +59:41:45.9 J2000.00 1.216 180.1 05:32:11.6     60.1       V     Harris
218559 Skyflat 60s V       19:24:40.84 +59:41:45.9 J2000.00 1.218 180.1 05:34:40.4     60.1       V     Harris
218560 Skyflat 40s V       19:24:43.48 +59:41:45.9 J2000.00 1.221 180.1 05:37:13.5     39.6       V     Harris
218561 Skyflat 25s V       19:24:46.12 +59:41:46.0 J2000.00 1.223 180.1 05:39:08.9     25.1       V     Harris
218562 Skyflat 15s V       19:24:48.76 +59:41:45.9 J2000.00 1.226 180.1 05:41:21.0     15.1       V     Harris
218563 Skyflat 5s V        19:24:48.77 +59:42:06.0 J2000.00 1.228 180.1 05:43:04.9      5.1       V     Harris
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