INT OBSERVING LOG (ISAAC NEWTON GROUP, LA PALMA)

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TELESCOPE:            INT
DATE:                 20000528
TAPE NR:              INTD4395
OBSERVER:             P. Groot, P. Vreeswijk
PROGRAMME:            Faint sky variability survey
PATT/CAT REF.:        WFS10
TELESCOPE OPERATOR:   J. Rey
SUPPORT ASTRONOMER:   R. Greimel

TELESCOPE FOCUS:      45.70 mm
CALIBRATE RESULTS:    not specified

INSTRUMENT:           WFC

WFC FILTER WHEEL:     U,V,B,I,R,Ha

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) 0.9
                      (2nd half) 1.1

DOME OPENED (UT):     19:30
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METEOROLOGICAL PARAMETERS

UT	AirT	Hum%	Wspd	Gust	Wdir	Press	LocT	IntT	Mirr	LocRH	IntRH
21:00	13.2	26	3.6	3.9	110	772.9	13.6	15.1	14.9	24	21
22:00	12.1	35	7.6	7.9	146	773.2	12.5	13.8	14.9	35	32
23:00	13.0	16	9.4	9.6	149	773.7	13.3	14.2	14.7	15	15
00:00	13.1	14	21.4	22.8	151	773.7	13.6	14.0	14.6	12	13
01:00	13.0	16	33.6	35.4	158	773.4	13.3	14.0	14.6	15	14
02:00	12.9	23	35.7	36.8	140	772.7	13.1	13.9	14.6	21	20
03:00	12.5	25	24.3	25.4	141	772.6	12.6	13.6	14.5	24	23
04:00	12.7	30	22.6	24.6	144	772.3	12.8	13.5	14.4	27	26
05:00	13.0	31	23.5	24.3	158	772.1	13.1	13.7	14.3	29	28
06:00	13.0	31	17.8	19.5	164	772.2	13.1	13.5	14.4	30	29

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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.      18
DARK TIME             07:07
TWILIGHT TIME         02:48
MOONRISE(UT)          03:21
MOONSET(UT)           No moonset within sunset-sunrise

TIME LOST(WEATHER):   00:00
TIME LOST(TECHNICAL): 00:20
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
218300	Bias	2:46:00.00	+38:50:00.0	J2000.00	1.142	180.2	13:43:12.6	0.0	U	RGO		
218301	Bias	0:00:00.00	+00:00:00.0	J2000.00	4.286	180.2	14:01:14.1	0.0	U	RGO		

218302	Bias	0:00:00.00	+00:00:00.0	J2000.00	4.286	180.2	14:02:21.5	0.0	U	RGO	
218303	Bias	0:00:00.00	+00:00:00.0	J2000.00	4.286	180.2	14:03:28.2	0.0	U	RGO	
218304	Bias	0:00:00.00	+00:00:00.0	J2000.00	4.286	180.2	14:04:35.2	0.0	U	RGO	
218305	Bias	0:00:00.00	+00:00:00.0	J2000.00	4.286	180.2	14:05:42.4	0.0	U	RGO	
218306	Bias	0:00:00.00	+00:00:00.0	J2000.00	4.286	180.2	14:06:50.2	0.0	U	RGO	
218307	Bias	0:00:00.00	+00:00:00.0	J2000.00	4.286	180.2	14:07:56.9	0.0	U	RGO	
218308	Bias	0:00:00.00	+00:00:00.0	J2000.00	4.286	180.2	14:09:04.5	0.0	U	RGO	
218309	Bias	0:00:00.00	+00:00:00.0	J2000.00	4.286	180.2	14:10:12.0	0.0	U	RGO	
218310	Bias	0:00:00.00	+00:00:00.0	J2000.00	4.286	180.2	14:11:19.6	0.0	U	RGO	
218311	Bias	0:00:00.00	+00:00:00.0	J2000.00	4.286	180.2	14:12:26.9	0.0	U	RGO	
218312	Bias	0:00:00.00	+00:00:00.0	J2000.00	4.286	180.2	14:13:34.0	0.0	U	RGO	
218313	Bias	0:00:00.00	+00:00:00.0	J2000.00	4.286	180.2	14:14:42.7	0.0	U	RGO	
218314	Bias	0:00:00.00	+00:00:00.0	J2000.00	4.286	180.2	14:15:50.4	0.0	U	RGO	
218315	Bias	0:00:00.00	+00:00:00.0	J2000.00	4.286	180.2	14:16:57.4	0.0	U	RGO	
218316	Bias	0:00:00.00	+00:00:00.0	J2000.00	4.286	180.2	14:18:05.2	0.0	U	RGO	
218317	Bias	0:00:00.00	+00:00:00.0	J2000.00	4.286	180.2	14:19:13.1	0.0	U	RGO	
218318	Bias	0:00:00.00	+00:00:00.0	J2000.00	4.286	180.2	14:20:20.9	0.0	U	RGO	
218319	Bias	0:00:00.00	+00:00:00.0	J2000.00	4.286	180.2	14:21:28.4	0.0	U	RGO	
218320	Skyflat 2s B	13:04:33.00	+29:50:49.0	B1950.00	1.077	180.2	20:11:34.0	2.1	B	Harris	SAT
218321	Skyflat 2s B	13:04:33.00	+29:50:48.9	B1950.00	1.072	180.2	20:14:51.6	2.1	B	Harris	
218322	SKyflat 2s Ha	13:04:32.99	+29:50:49.0	B1950.00	1.068	180.2	20:17:41.2	2.1	Halpha	Narrow-ban	
218323	SKyflat 5s Ha	13:04:33.76	+29:50:59.1	B1950.00	1.064	180.2	20:19:51.9	5.1	Halpha	Narrow-ban	
218324	Skyflat 7s Ha	13:04:33.76	+29:50:59.0	B1950.00	1.062	180.2	20:21:36.2	7.1	Halpha	Narrow-ban	
218352	F_26 V	12:49:24.20	+26:07:09.8	J2000.00	1.118	180.2	23:28:07.0	599.4	V	Harris	
218353	F_53 V	16:23:58.52	+27:07:58.2	J2000.00	1.051	180.2	23:42:06.9	599.5	V	Harris	
218354	F_53 B	16:23:58.49	+27:07:57.8	J2000.00	1.031	180.2	23:59:34.9	599.5	B	Harris	
218355	F_53 I	16:23:58.50	+27:07:57.9	J2000.00	1.019	180.2	00:11:14.1	899.1	I	INT-WFC	
218356	F_53 V	16:23:58.50	+27:07:57.9	J2000.00	1.010	180.2	00:27:57.1	599.5	V	Harris	
218357	NGC6341 V	17:17:06.49	+43:07:25.7	J2000.00	1.074	180.2	00:41:16.3	60.0	V	Harris	
218358	NGC6341 B	17:17:06.49	+43:07:25.9	J2000.00	1.072	180.2	00:43:27.7	60.1	B	Harris	
218359	NGC6341 I	17:17:06.50	+43:07:26.0	J2000.00	1.070	180.2	00:45:37.1	60.1	I	INT-WFC	
218360	Focus run	17:17:06.50	+43:09:55.9	J2000.00	1.065	180.2	00:53:09.0	10.1	V	Harris	
218361	NGC6341 V	17:17:06.50	+43:07:26.2	J2000.00	1.057	180.2	00:59:32.5	60.1	V	Harris	
218362	NGC6341 B	17:17:06.50	+43:07:26.1	J2000.00	1.055	180.2	01:01:40.0	60.1	B	Harris	
218363	NGC6341 I	17:17:06.50	+43:07:26.0	J2000.00	1.053	180.2	01:03:56.2	60.0	I	INT-WFC	
218364	F_54 V	16:21:44.39	+27:07:58.2	J2000.00	1.001	180.2	01:10:12.9	599.5	V	Harris	
218366	F_54 V	16:21:44.40	+27:07:58.0	J2000.00	1.008	180.1	01:32:12.0	599.5	V	Harris	
218367	F_54 B	16:21:44.40	+27:07:58.1	J2000.00	1.014	180.1	01:43:21.7	598.9	B	Harris	
218368	F_54 I	16:21:44.40	+27:07:58.1	J2000.00	1.025	180.1	01:54:31.5	899.2	I	INT-WFC	
218369	F_54 V	16:21:44.40	+27:07:58.0	J2000.00	1.038	180.1	02:10:40.0	599.5	V	Harris	
218370	F_33 V	17:21:09.39	+27:12:09.9	J2000.00	1.005	180.1	02:24:20.5	599.4	V	Harris	
218371	F_33 B	17:21:09.40	+27:12:10.0	J2000.00	1.010	180.1	02:35:28.0	599.5	B	Harris	
218372	F_33 I	17:21:09.40	+27:12:09.8	J2000.00	1.019	180.1	02:46:45.8	899.0	I	INT-WFC	
218373	F_33 V	17:21:09.40	+27:12:09.9	J2000.00	1.031	180.1	03:02:55.3	599.5	V	Harris	
218374	F_34 V	17:21:09.40	+27:44:10.0	J2000.00	1.044	180.1	03:15:38.8	599.5	V	Harris	
218375	F_34 B	17:21:09.40	+27:44:10.0	J2000.00	1.059	180.1	03:26:46.6	598.9	B	Harris	
218376	F_34 I	17:21:09.39	+27:44:09.8	J2000.00	1.080	180.1	03:38:03.9	899.2	I	INT-WFC	
218377	F_34 V	17:21:09.39	+27:44:09.9	J2000.00	1.105	180.1	03:54:12.4	599.5	V	Harris	
218378	NGC6940 V	20:34:31.70	+28:15:08.0	J2000.00	1.037	180.1	04:07:20.9	60.0	V	Harris	
218379	NGC6940 B	20:34:31.70	+28:15:07.9	J2000.00	1.035	180.1	04:09:30.2	60.1	B	Harris	
218380	NGC6940 I	20:34:31.70	+28:15:08.0	J2000.00	1.033	180.1	04:11:40.3	60.1	I	INT-WFC	
218381	sa110-361 V	18:42:44.99	+00:08:03.9	J2000.00	1.167	180.1	04:16:04.0	60.1	V	Harris	
218382	sa110-361 B	18:42:45.00	+00:08:04.0	J2000.00	1.169	180.1	04:18:15.0	60.1	B	Harris	
218383	sa110-361 I	18:42:44.99	+00:08:04.0	J2000.00	1.172	180.1	04:20:23.6	59.6	I	INT-WFC	
218384	F_55 V	16:26:09.40	+27:07:58.1	J2000.00	1.387	180.1	04:24:47.7	599.0	V	Harris	
218385	F_55 B	16:26:09.40	+27:07:57.9	J2000.00	1.446	180.1	04:35:58.6	599.5	B	Harris	
218386	F_55 I	16:26:09.40	+27:07:58.0	J2000.00	1.532	180.1	04:47:16.5	899.1	I	INT-WFC	
218387	F_55 V	16:26:09.40	+27:07:58.1	J2000.00	1.630	180.1	05:03:29.3	599.3	V	Harris	
218388	kldra U	19:24:38.20	+59:41:45.9	J2000.00	1.195	180.1	05:19:16.3	60.1	U	RGO	
218389	kldra B	19:24:38.20	+59:41:45.9	J2000.00	1.198	180.1	05:22:00.7	60.1	B	Harris	
218390	kldra V	19:24:38.19	+59:41:45.9	J2000.00	1.200	180.1	05:24:45.0	60.1	V	Harris	
218391	kldra R	19:24:38.20	+59:41:45.8	J2000.00	1.203	180.1	05:27:27.1	60.0	R	Harris	

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218392 sa110-361 V          18:42:44.99 +00:08:03.9 J2000.00 1.335 180.1 05:31:43.7     59.6        V     Harris
218393 sa110-361 B          18:42:45.00 +00:08:04.0 J2000.00 1.343 180.1 05:33:56.6     59.6        B     Harris
218394 sa110-361 I          18:42:45.00 +00:08:03.9 J2000.00 1.352 180.1 05:36:09.6     60.1        I    INT-WFC
218395 Skyflat I 40s        19:19:09.00 +12:22:04.9 B1950.00 1.129 180.1 05:40:41.6     40.1        I    INT-WFC
218396 Skyflat I 40s        19:19:09.00 +12:22:05.0 B1950.00 1.134 180.1 05:43:12.5     20.1        I    INT-WFC
218397 Skyflat I 10s        19:19:10.36 +12:22:04.9 B1950.00 1.137 180.1 05:45:07.2     10.1        I    INT-WFC
218398 Skyflat I 5s         19:19:11.73 +12:22:05.0 B1950.00 1.140 180.1 05:46:28.2      5.1        I    INT-WFC
218399 Skyflat I 2s         19:19:13.09 +12:22:25.1 B1950.00 1.143 180.1 05:47:46.2      5.1        I    INT-WFC
218400 Skyflat B 15s        19:19:13.09 +12:22:45.0 B1950.00 1.146 180.1 05:49:18.7     15.1        B     Harris
218401 Skyflat B 2s         19:19:13.09 +12:23:05.0 B1950.00 1.150 180.1 05:51:02.8      2.1        B     Harris
218402 Skyflat B 2s         19:19:11.73 +12:23:04.8 B1950.00 1.153 180.1 05:52:27.4      2.1        B     Harris
218403 Skyflat B 1s         19:19:10.36 +12:23:04.9 B1950.00 1.156 180.1 05:54:00.8      1.1        B     Harris
218404 Skyflat B 1s         19:19:07.63 +12:23:04.9 B1950.00 1.160 180.1 05:55:26.4      1.1        B     Harris
218405 Skyflat B 1s         19:19:07.63 +12:23:05.0 B1950.00 1.164 180.1 05:57:18.6      0.8        B     Harris
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