INT OBSERVING LOG (ISAAC NEWTON GROUP, LA PALMA)

TELESCOPE: INT
DATE: 20010715
TAPE NR:
OBSERVER: M G Watson
PROGRAMME: XMM Imaging Programme
PATT/CAT REF.: WFS3
TELESCOPE OPERATOR: C. Martin
SUPPORT ASTRONOMER: none

TELESCOPE FOCUS: 43.93 mm
CALIBRATE RESULTS: not specified

INSTRUMENT: WFC

WFC FILTER WHEEL: U, g, r, i, Z, Ha

WEATHER: (1st half) fair
(2nd half) fair
CLOUD COVER (%): (1st half) 0
(2nd half) 0
DUST (0-2): (1st half) 0
(2nd half) 0
SEEING (arcsec): (1st half) 2.3
(2nd half) 1.6

DOME OPENED (UT): 19:35

METEOROLOGICAL PARAMETERS

LT	AirT	Hum%	Wspd	Gust	Wdir	Press	LocT	IntT	Mirr	LocRH	IntRH
21:00	11.7	34	37.7	41.3	352	774.8	11.7	15.6	19.9	33	25
22:00	11.4	29	42.0	43.8	97	775.2	11.6	13.7	19.4	31	25
23:00	10.6	34	43.0	51.0	355	775.5	11.0	13.4	17.1	34	30
00:00	10.5	36	37.1	41.8	352	775.5	10.9	12.5	16.3	35	32
01:00	10.4	41	46.1	50.4	331	775.1	10.9	12.8	16.6	36	34
02:00	11.5	33	44.9	49.5	351	774.9	12.2	13.1	16.1	31	30
03:00	11.8	36	43.3	45.6	325	774.5	12.3	13.3	15.6	33	32
04:00	11.8	26	49.0	52.3	345	773.7	12.4	13.5	16.1	22	23
05:00	11.6	33	35.6	39.2	8	773.3	12.2	13.0	16.3	26	36
06:00	10.9	61	31.2	34.5	1	773.2	11.2	12.3	16.5	60	56

SUNSET(UT) 20:20
EVENING TWILIGHT(UT) 21:44
MORNING TWILIGHT(UT) 04:52
SUNRISE(UT) 06:16
MOON'S QUARTER (1-4) 4
DISK % OF ILLUM. 28
DARK TIME 07:08
TWILIGHT TIME 02:48
MOONRISE(UT) 02:14
MOONSET(UT) No moonset within sunset-sunrise

TIME LOST(WEATHER): 00:00
TIME LOST(TECHNICAL): 00:00
TIME LOST(OTHER): 00:00:35

Run no.	Object name	RA	Dec.	Equinox	AM	PA	UT	Exp. T.	Filter	Psys Channel	Binning	Comments
267728	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.1	13:14:46.0	0.0	g	Sloan	1 x 1	
267729	Bias	15:01:59.99	+29:55:00.0	J2000.00	1.007	180.1	20:07:10.4	0.0	Halpha	Narrow-ban	1 x 1	

267730	Bias	15:02:00.00	+29:54:59.9	J2000.00	1.007	180.1	20:08:19.1	0.0	Halpha	Narrow-ban	1 x 1	
267731	Bias	15:01:59.99	+29:54:59.9	J2000.00	1.006	180.1	20:09:19.9	0.0	Halpha	Narrow-ban	1 x 1	
267732	Bias	15:02:00.00	+29:55:00.0	J2000.00	1.006	180.1	20:09:59.0	0.0	Halpha	Narrow-ban	1 x 1	
267733	Bias	15:01:59.99	+29:55:00.0	J2000.00	1.006	180.1	20:10:38.1	0.0	Halpha	Narrow-ban	1 x 1	
267734	Flat field	15:02:00.00	+29:55:00.0	J2000.00	1.001	180.1	20:29:43.4	5.1	Halpha	Narrow-ban	1 x 1	
267735	Flat field	15:02:00.77	+29:55:09.9	J2000.00	1.001	180.1	20:31:09.7	9.2	Halpha	Narrow-ban	1 x 1	
267736	Flat field	15:02:01.53	+29:55:20.0	J2000.00	1.000	180.1	20:33:11.6	14.1	Halpha	Narrow-ban	1 x 1	
267737	Flat field	15:01:58.46	+29:54:39.9	J2000.00	1.000	180.1	20:34:56.0	20.1	Halpha	Narrow-ban	1 x 1	
267738	Flat field	15:02:00.76	+29:54:39.9	J2000.00	1.000	180.1	20:36:49.4	33.1	Halpha	Narrow-ban	1 x 1	
267739	Flat field	15:02:00.00	+29:54:59.9	J2000.00	1.000	180.1	20:38:49.1	17.1	z	Gunn	1 x 1	
267740	Flat field	15:01:59.23	+29:54:50.1	J2000.00	1.000	180.1	20:40:60.0	27.1	z	Gunn	1 x 1	
267741	Flat field	15:01:59.23	+29:55:20.0	J2000.00	1.000	180.1	20:42:49.2	42.1	z	Gunn	1 x 1	
267742	Flat field	15:01:59.22	+29:55:30.0	J2000.00	1.001	180.1	20:44:50.1	60.1	z	Gunn	1 x 1	
267743	Flat field	15:01:59.99	+29:54:59.9	J2000.00	1.001	180.1	20:47:20.4	24.1	i	Sloan	1 x 1	
267744	Flat field	15:02:00.76	+29:55:10.0	J2000.00	1.001	180.1	20:49:43.6	35.4	i	Sloan	1 x 1	
267745	Flat field	15:02:00.76	+29:55:29.9	J2000.00	1.002	180.1	20:51:41.5	52.5	i	Sloan	1 x 1	
267746	Flat field	15:02:00.77	+29:54:30.0	J2000.00	1.002	180.1	20:54:15.4	85.0	i	Sloan	1 x 1	
267747	Flat field	15:02:00.76	+29:54:30.0	J2000.00	1.003	180.1	20:57:29.7	199.1	r	Sloan	1 x 1	
267748	Focus run	15:39:18.80	-00:13:30.0	J2000.00	1.143	180.1	21:18:15.8	10.1	r	Sloan	1 x 1	
267749	Focus run	15:39:18.80	-00:13:29.8	J2000.00	1.144	180.1	21:26:24.1	10.1	r	Sloan	1 x 1	
267750	sa107-602	15:39:18.80	-00:15:30.0	J2000.00	1.147	180.1	21:33:51.9	10.1	r	Sloan	1 x 1	seeing 2 arcsec+
267751	sa107-602	15:39:18.80	-00:15:29.8	J2000.00	1.148	180.1	21:36:39.9	30.1	i	Sloan	1 x 1	
267752	sa107-602	15:39:18.80	-00:15:30.0	J2000.00	1.151	180.1	21:41:16.2	50.1	z	Gunn	1 x 1	
267753	A1837	14:01:45.49	-11:05:37.3	J2000.00	1.635	180.1	21:48:32.4	1199.0	z	Gunn	1 x 1	
267754	A1837	14:01:45.49	-11:05:37.2	J2000.00	1.793	180.1	22:11:52.3	1198.8	i	Sloan	1 x 1	seeing still bad
267755	A2052	15:16:54.49	+07:03:17.8	J2000.00	1.220	180.1	22:39:09.1	1198.9	r	Sloan	1 x 1	seeing still bad
267756	MKW3s	15:22:00.59	+07:43:27.0	J2000.00	1.270	180.1	23:02:55.3	1198.8	r	Sloan	1 x 1	
267757	WR110	18:08:08.10	-19:21:56.9	J2000.00	1.497	180.1	23:29:41.8	1198.7	g	Sloan	1 x 1	
267758	WR110	18:08:08.10	-19:21:56.9	J2000.00	1.509	180.1	23:54:55.5	1798.3	i	Sloan	1 x 1	
267759	G21OFF3	18:33:36.47	-10:22:01.9	J2000.00	1.302	180.1	00:33:42.1	899.0	r	Sloan	1 x 1	seeing improving
267760	G21OFF3	18:33:36.47	-10:22:01.9	J2000.00	1.325	180.1	00:50:22.1	1198.7	i	Sloan	1 x 1	
267761	G21OFF3	18:33:36.47	-10:22:02.0	J2000.00	1.348	180.1	01:12:27.2	223.4	Halpha	Narrow-ban	1 x 1	AG glitch rej
267762	G21OFF3	18:33:36.46	-10:22:02.0	J2000.00	1.365	180.1	01:17:35.6	598.9	g	Sloan	1 x 1	
267763	G21OFF3	18:33:36.46	-10:22:01.7	J2000.00	1.406	180.1	01:28:51.7	1176.6	Halpha	Narrow-ban	1 x 1	AG glitch rej
267764	RIDGE_4	18:28:29.29	-11:05:10.9	J2000.00	1.527	180.1	01:53:15.4	1198.7	i	Sloan	1 x 1	
267765	RIDGE_4	9:14:14.64	-05:32:35.5	J2000.00	1.659	180.1	02:18:53.5	1198.9	Halpha	Narrow-ban	1 x 1	
267766	ms2137	21:40:26.01	-23:37:40.9	J2000.00	1.647	180.1	02:42:51.6	1198.4	i	Sloan	1 x 1	
267767	IRAS2249	22:51:59.91	-17:50:23.1	J2000.00	1.528	180.1	03:12:22.1	1198.9	i	Sloan	1 x 1	
267768	ZAnd	23:33:55.09	+48:51:05.8	J2000.00	1.110	180.1	03:35:45.5	1198.8	i	Sloan	1 x 1	
267769	comet	22:11:34.72	+15:47:34.9	J2000.00	1.028	180.1	04:02:09.7	3.1	g	Sloan	1 x 1	
267770	comet	22:11:34.72	+15:47:34.9	J2000.00	1.029	180.1	04:04:06.1	3.1	U	RGO	1 x 1	
267771	comet	22:11:34.72	+15:47:35.0	J2000.00	1.029	180.1	04:05:19.4	3.1	r	Sloan	1 x 1	
267772	G13369Pos_1	1:04:34.26	-06:22:00.0	J2000.00	1.521	180.1	04:13:05.5	599.5	r	Sloan	1 x 1	poor seeing
267773	MBM12Pos_2	2:56:16.10	+19:24:59.9	J2000.00	1.729	180.1	04:27:46.2	599.6	r	Sloan	1 x 1	
267774	MBM12Pos_2	2:56:16.09	+19:25:00.0	J2000.00	1.630	180.1	04:39:16.9	599.4	g	Sloan	1 x 1	
267775	SDS2	2:19:46.34	-04:58:00.0	J2000.00	1.705	180.1	04:53:34.9	599.4	i	Sloan	1 x 1	
267777	Zand	23:33:55.08	+48:51:05.9	J2000.00	1.065	180.1	05:08:07.7	599.4	g	Sloan	1 x 1	
267778	Zand	23:33:55.09	+48:51:05.8	J2000.00	1.066	180.1	05:20:46.5	598.9	Halpha	Narrow-ban	1 x 1	
267779	sa92-335	0:54:58.29	+00:44:01.2	J2000.00	1.168	180.1	05:33:02.2	30.1	i	Sloan	1 x 1	
267780	sa92-335	0:54:58.29	+00:44:01.0	J2000.00	1.166	180.1	05:34:47.3	30.1	g	Sloan	1 x 1	