INT OBSERVING LOG (ISAAC NEWTON GROUP, LA PALMA)

TELESCOPE:	INT
DATE:	20010716
TAPE NR:	
OBSERVER:	M G Watson & J Tedds
PROGRAMME:	XMM Imaging Programme
PATT/CAT REF.:	WFS3
TELESCOPE OPERATOR:	none
SUPPORT ASTRONOMER:	none
TELESCOPE FOCUS:	43.97 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) 1-3
	(2nd half) 2-3
DOME OPENED (UT):	19:40

METEOROLOGICAL PARAMETERS

LT	AirT	Hum%	Wspd	Gust	Wdir	Press	LocT	IntT	Mirr	LocRH	IntRH
21:00	15.3	14	31.5	39.4	54	773.2	15.3	16.3	17.5	12	12
22:00	16.1	12	40.6	44.0	102	773.3	16.0	16.7	17.4	10	11
23:00	16.9	11	41.5	45.3	72	773.8	16.5	17.1	17.4	10	11
00:00	15.8	10	50.6	53.3	67	773.8	15.9	16.5	17.3	10	10
01:00	16.1	11	15.2	20.4	152	773.7	16.3	16.7	17.3	10	11
02:00	15.6	11	11.8	15.9	46	773.7	16.2	16.7	17.3	10	11
03:00	16.9	13	32.9	35.8	93	773.3	17.5	17.7	17.6	12	12
04:00	16.2	14	6.1	7.8	224	773.5	16.5	17.4	17.5	12	12
05:00	17.0	13	21.0	23.8	71	773.1	16.8	17.0	17.5	11	13
06:00	17.7	12	18.4	22.8	171	773.0	17.3	17.7	17.8	11	11

SUNSET(UT)	20:19
EVENING TWILIGHT(UT)	21:43
MORNING TWILIGHT(UT)	04:53
SUNRISE(UT)	06:16
MOON'S QUARTER (1-4)	4
DISK % OF ILLUM.	19
DARK TIME	07:10
TWILIGHT TIME	02:47
MOONRISE(UT)	02:55
MOONSET(UT)	No moonset within sunset-sunrise
TIME LOST(WEATHER):	00:00
TIME LOST(TECHNICAL):	00:00
TIME LOST(OTHER):	00:00

COMMENTS:
Very poor seeing (>2 arcsec) for all but first hour)

Run no.	Object name	RA	Dec.	Equinox	AM	PA	UT	Exp. T.	Filter	Psys	Channel	Binning	Comments

267781	Bias frame	7:29:59.99	+00:00:00.0	J2000.00	1.146	180.1	12:41:02.9	0.0		r	Sloan		1 x 1	
267782	Bias	0:00:00.00	+00:00:00.0	J2000.00	4.541	180.1	15:28:57.3	0.0	Halpha	Narrow-ban			1 x 1	
267783	Bias	0:00:00.00	+00:00:00.0	J2000.00	4.541	180.1	15:29:36.4	0.0	Halpha	Narrow-ban			1 x 1	
267784	Bias	0:00:00.00	+00:00:00.0	J2000.00	4.541	180.1	15:30:15.5	0.0	Halpha	Narrow-ban			1 x 1	
267785	Bias	0:00:00.00	+00:00:00.0	J2000.00	4.541	180.1	15:30:54.6	0.0	Halpha	Narrow-ban			1 x 1	
267786	Bias	0:00:00.00	+00:00:00.0	J2000.00	4.541	180.1	15:31:33.9	0.0	Halpha	Narrow-ban			1 x 1	
267787	Bias	15:02:00.00	+29:54:59.9	J2000.00	1.005	180.1	20:10:16.1	0.0	Halpha	Narrow-ban			1 x 1	
267788	Flat field	15:01:59.99	+29:54:59.9	J2000.00	1.002	180.1	20:50:02.8	87.0		z	Gunn		1 x 1	
267790	Flat field	15:02:00.76	+29:55:10.0	J2000.00	1.004	180.1	20:56:19.3	122.1		i	Sloan		1 x 1	
267791	Flat field	15:02:01.53	+29:55:20.1	J2000.00	1.005	180.1	20:59:37.6	215.4		i	Sloan		1 x 1	
267792	Focus run	15:39:18.80	-00:13:29.8	J2000.00	1.143	180.1	21:11:05.9	10.1		g	Sloan		1 x 1	
267793	sa107-602	15:39:18.79	-00:15:30.0	J2000.00	1.144	180.1	21:17:33.7	10.1		g	Sloan		1 x 1	
267794	sa107-602	15:39:18.80	-00:15:29.9	J2000.00	1.145	180.1	21:23:25.0	60.1		U	RGO		1 x 1	
267795	sa107-602	15:39:18.80	-00:15:30.0	J2000.00	1.145	180.1	21:25:50.3	3.1		z	Gunn		1 x 1	
267796	sa107-602	15:39:18.79	-00:15:30.0	J2000.00	1.146	180.1	21:27:25.3	3.1		i	Sloan		1 x 1	
267797	sa107-602	15:39:18.80	-00:15:29.9	J2000.00	1.146	180.1	21:28:40.8	3.1		r	Sloan		1 x 1	
267798	A1837	7:00:52.74	-05:32:48.5	J2000.00	1.577	180.1	21:39:02.9	599.3		g	Sloan		1 x 1	
267799	HD117555	13:30:58.37	+24:15:58.9	J2000.00	1.319	180.1	21:55:12.6	1198.8		i	Sloan		1 x 1	
267800	HD117555	13:30:58.37	+24:15:59.0	J2000.00	1.399	180.1	22:17:11.0	599.5		g	Sloan		1 x 1	
267801	HD117555	13:30:58.36	+24:15:59.1	J2000.00	1.496	180.1	22:28:55.8	1198.7		z	Gunn		1 x 1	
267802	44Boo	15:04:02.25	+47:41:14.5	J2000.00	1.194	180.1	22:52:36.7	599.4		r	Sloan		1 x 1	v bt *
267803	WR110	18:08:08.09	-19:21:56.7	J2000.00	1.504	180.1	23:10:35.9	1198.7		i	Sloan		1 x 1	
267804	NGC6240	16:53:09.51	+02:26:03.9	J2000.00	1.199	180.1	23:42:04.4	1198.8		z	Gunn		1 x 1	poor seeing
267806	G21off3	18:33:36.47	-10:22:01.9	J2000.00	1.296	180.1	00:12:50.6	1797.5		z	Gunn		1 x 1	v poor seeing
267807	G21off3	18:33:36.47	-10:22:01.9	J2000.00	1.330	180.1	00:44:46.4	1798.0	Halpha	Narrow-ban			1 x 1	v poor seeing
267808	NGC7009	21:04:21.30	-11:19:50.0	J2000.00	1.353	180.1	01:20:34.9	2397.5		i	Sloan		1 x 1	v poor seeing
267809	NGC7009	21:04:21.30	-11:19:50.0	J2000.00	1.311	180.1	02:08:52.8	1198.8		g	Sloan		1 x 1	
267810	PKS2135	21:37:55.73	-14:30:55.3	J2000.00	1.382	180.1	02:34:39.0	1198.7		g	Sloan		1 x 1	
267811	PKS2135	21:37:55.73	-14:30:55.3	J2000.00	1.373	180.1	02:57:23.9	1797.9		i	Sloan		1 x 1	
267812	PKS2135	21:37:55.72	-14:30:55.4	J2000.00	1.393	180.1	03:30:29.2	1798.2		z	Gunn		1 x 1	
267813	NGC507	1:24:11.94	+33:14:05.0	J2000.00	1.200	180.1	04:09:33.0	1198.8		g	Sloan		1 x 1	
267814	NGC507	1:24:11.95	+33:14:05.0	J2000.00	1.132	180.1	04:31:39.6	1798.1		i	Sloan		1 x 1	
267815	sa92-335	0:54:58.29	+00:44:00.9	J2000.00	1.207	180.1	05:04:05.6	89.6		U	RGO		1 x 1	
267816	sa92-335	0:54:58.30	+00:44:01.0	J2000.00	1.203	180.1	05:06:43.8	10.1		g	Sloan		1 x 1	
267817	sa92-335	0:54:58.30	+00:44:01.0	J2000.00	1.200	180.1	05:08:18.2	5.1		r	Sloan		1 x 1	
267818	sa92-335	0:54:58.30	+00:44:01.0	J2000.00	1.198	180.1	05:09:39.2	4.1		i	Sloan		1 x 1	
267819	sa92-335	0:54:58.30	+00:44:01.0	J2000.00	1.196	180.1	05:10:51.4	5.1		z	Gunn		1 x 1	
267820	Flat field	2:58:00.00	-00:06:00.0	J2000.00	1.600	180.1	05:28:07.8	349.0		g	Sloan	1	1 x 1	
267822	Flat field	2:58:00.66	-00:05:50.0	J2000.00	1.552	180.1	05:37:38.9	72.1		g	Sloan	1	1 x 1	
267823	Flat field	2:58:01.33	-00:05:39.9	J2000.00	1.539	180.1	05:39:58.0	51.9		g	Sloan	1	1 x 1	
267824	Flat field	2:58:02.00	-00:05:29.9	J2000.00	1.526	180.1	05:42:13.4	35.5		g	Sloan	1	1 x 1	
267825	Flat field	2:57:59.33	-00:06:09.9	J2000.00	1.517	180.1	05:43:57.9	25.8		g	Sloan	1	1 x 1	
267826	Flat field	2:57:59.33	-00:06:10.0	J2000.00	1.507	180.1	05:45:35.4	27.2		i	Sloan	1	1 x 1	
267827	Flat field	2:57:59.99	-00:06:00.0	J2000.00	1.498	180.1	05:47:12.9	19.6		i	Sloan	1	1 x 1	
267828	Flat field	2:58:00.66	-00:05:49.9	J2000.00	1.490	180.1	05:48:41.9	16.8		i	Sloan	1	1 x 1	
267829	Flat field	2:58:02.00	-00:05:30.0	J2000.00	1.483	180.1	05:50:07.0	10.9		i	Sloan	1	1 x 1	
267830	Flat field	2:58:02.66	-00:05:20.0	J2000.00	1.476	180.1	05:51:27.5	8.3		i	Sloan	1	1 x 1	
267832	Flat field	2:57:58.66	-00:06:19.9	J2000.00	1.467	180.1	05:53:04.6	27.1		z	Gunn	1	1 x 1	
267833	Flat field	2:57:59.33	-00:06:10.0	J2000.00	1.457	180.1	05:55:02.4	17.2		z	Gunn	1	1 x 1	
267834	Flat field	2:57:59.99	-00:05:59.9	J2000.00	1.450	180.1	05:56:31.6	15.2		z	Gunn	1	1 x 1	
267835	Flat field	2:58:00.66	-00:05:50.0	J2000.00	1.442	180.1	05:58:09.2	8.8		z	Gunn	1	1 x 1	