INT OBSERVING LOG (ISAAC NEWTON GROUP, LA PALMA)

TELESCOPE:	INT
DATE:	20010717
TAPE NR:	
OBSERVER:	M G Watson & J Tedds
PROGRAMME:	XMM Imaging Programme
PATT/CAT REF.:	WFS3
TELESCOPE OPERATOR:	none
SUPPORT ASTRONOMER:	none
TELESCOPE FOCUS:	43.93 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) 30 ave
	(2nd half) 0
DUST (0-2):	(1st half) 0
	(2nd half) 0
SEEING (arcsec):	(1st half) 1.5-2
	(2nd half) 1-1.5
DOME OPENED (UT):	19:50

METEOROLOGICAL PARAMETERS

LT	AirT	Hum%	Wspd	Gust	Wdir	Press	LocT	IntT	Mirr	LocRH	IntRH
21:00	21.7	13	7.5	8.3	152	775.7	22.1	22.3	20.7	12	13
22:00	21.7	13	13.5	16.1	143	776.2	22.3	22.6	20.9	11	12
23:00	21.9	12	6.6	7.8	98	776.6	22.4	22.4	21.2	11	11
00:00	21.8	12	7.9	8.3	60	776.9	22.1	22.0	21.0	11	12
01:00	21.1	12	11.2	12.2	24	776.9	21.6	21.5	20.6	11	11
02:00	20.8	12	11.2	11.8	21	776.5	21.2	21.3	20.8	11	11
03:00	21.0	13	12.0	12.8	355	776.3	21.6	21.2	21.2	11	12
04:00	20.6	13	3.8	5.2	8	776.3	21.2	21.6	21.2	12	12
05:00	20.8	14	3.0	4.4	176	776.0	21.1	21.4	20.9	13	13
06:00	21.1	14	6.6	8.8	62	776.0	21.8	21.8	21.0	13	13

SUNSET(UT)	20:19
EVENING TWILIGHT(UT)	21:43
MORNING TWILIGHT(UT)	04:53
SUNRISE(UT)	06:17
MOON'S QUARTER (1-4)	4
DISK % OF ILLUM.	11
DARK TIME	07:10
TWILIGHT TIME	02:48
MOONRISE(UT)	03:43
MOONSET(UT)	No moonset within sunset-sunrise
TIME LOST(WEATHER):	00:30
TIME LOST(TECHNICAL):	00:50
TIME LOST(OTHER):	00:00

COMMENTS:
80% cloud cover at twilight, all gone after ~2 hours and clear til dawn
Problems with zerosetting (reason unclear)

Run no.	Object name	RA	Dec.	Equinox	AM	PA	UT	Exp. T.	Filter	Psys Channel	Binning	Comments
267836	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.066	180.0	13:19:20.3	0.0	g	Sloan	1 x 1	
267837	Bias	0:00:00.00	+00:00:00.0	J2000.00	4.237	180.0	15:54:50.4	0.0	Halpha	Narrow-ban	1 x 1	
267838	Bias	0:00:00.00	+00:00:00.0	J2000.00	4.237	180.0	15:55:30.5	0.0	Halpha	Narrow-ban	1 x 1	
267839	Bias	0:00:00.00	+00:00:00.0	J2000.00	4.237	180.0	15:56:09.9	0.0	Halpha	Narrow-ban	1 x 1	
267840	Bias	0:00:00.00	+00:00:00.0	J2000.00	4.237	180.0	15:56:49.0	0.0	Halpha	Narrow-ban	1 x 1	
267841	Bias	0:00:00.00	+00:00:00.0	J2000.00	4.237	180.0	15:57:28.1	0.0	Halpha	Narrow-ban	1 x 1	
267842	Flat field	15:01:59.99	+29:55:00.1	J2000.00	1.005	180.0	20:55:16.3	156.2	i	Sloan	1 x 1	
267843	Flat field	15:02:00.77	+29:55:09.9	J2000.00	1.007	180.0	20:59:08.4	226.0	i	Sloan	1 x 1	
267844	Flat field	15:02:01.53	+29:55:19.9	J2000.00	1.010	180.0	21:04:59.1	364.6	g	Sloan	1 x 1	
267845	Focus run	15:39:18.80	-00:13:29.8	J2000.00	1.190	180.0	22:13:27.6	10.1	g	Sloan	1 x 1	
267846	MS1229	12:31:55.31	+64:16:20.9	J2000.00	1.729	180.0	22:26:22.7	599.5	g	Sloan	1 x 1	
267848	NGC6240	16:53:09.51	+02:26:03.9	J2000.00	1.138	180.0	22:57:00.9	1198.8	U	RGO	1 x 1	seeing 2
267849	NGC6240	16:53:09.51	+02:26:03.9	J2000.00	1.167	180.0	23:20:01.5	1198.7	z	Gunn	1 x 1	seeing 1.2
267850	NGC6240	16:53:09.51	+02:26:03.9	J2000.00	1.209	180.0	23:42:55.7	1198.7	U	RGO	1 x 1	seeing 1.5
267851	G21off3	9:16:48.23	-05:11:01.0	J2000.00	1.295	180.0	00:12:42.7	1198.7	Halpha	Narrow-ban	1 x 1	AG glitch reject
267852	G21off3	18:33:36.46	-10:22:01.9	J2000.00	1.314	180.0	00:34:38.8	1198.8	z	Gunn	1 x 1	seeing 1
267853	G21off3	18:33:36.46	-10:22:01.9	J2000.00	1.351	180.0	00:58:00.4	1198.7	Halpha	Narrow-ban	1 x 1	
267854	NGC7009	21:04:21.29	-11:19:50.0	J2000.00	1.356	180.0	01:23:55.1	1198.7	i	Sloan	1 x 1	
267855	NGC7009	21:04:21.29	-11:19:49.8	J2000.00	1.330	180.0	01:45:49.7	599.5	g	Sloan	1 x 1	
267856	NGC7009	21:04:21.30	-11:19:49.8	J2000.00	1.314	180.0	01:58:39.5	1198.7	z	Gunn	1 x 1	
267857	PKS2135	21:37:55.72	-14:30:55.5	J2000.00	1.390	180.0	02:21:43.2	1198.7	i	Sloan	1 x 1	seeing 1.4
267858	PKS2135	21:37:55.73	-14:30:55.3	J2000.00	1.377	180.0	02:43:28.2	599.4	g	Sloan	1 x 1	
267859	PKS2135	21:37:55.73	-14:30:55.4	J2000.00	1.373	180.0	02:55:20.4	1198.8	z	Gunn	1 x 1	seeing 1.2
267861	IRAS2249	22:51:59.91	-17:50:23.1	J2000.00	1.494	180.0	03:26:13.6	599.5	g	Sloan	1 x 1	seeing 1.9
267862	IRAS2249	22:51:59.91	-17:50:23.1	J2000.00	1.469	180.0	03:39:53.9	1198.8	z	Gunn	1 x 1	seeing 1.2
267863	G13369Pos_1	1:04:34.26	-06:21:59.9	J2000.00	1.509	180.0	04:07:36.7	599.0	r	Sloan	1 x 1	seeing 1.8
267864	G13369Pos_1	1:04:34.26	-06:21:59.9	J2000.00	1.428	180.0	04:21:19.0	1198.5	i	Sloan	1 x 1	seeing 1.4
267865	ZAnd	23:33:55.08	+48:51:05.8	J2000.00	1.065	180.0	04:47:34.6	1198.2	U	RGO	1 x 1	seeing 1.2
267866	ZAnd	23:33:55.09	+48:51:05.8	J2000.00	1.067	180.0	05:11:08.8	1198.7	z	Gunn	1 x 1	seeing 1.1
267867	sa92-335	0:54:58.30	+00:44:00.9	J2000.00	1.155	180.0	05:35:53.6	90.0	U	RGO	1 x 1	
267868	sa92-335	0:54:58.30	+00:44:00.9	J2000.00	1.153	180.0	05:38:21.7	10.1	g	Sloan	1 x 1	
267869	sa92-335	0:54:58.30	+00:44:01.0	J2000.00	1.152	180.0	05:39:43.8	5.1	r	Sloan	1 x 1	
267870	sa92-335	0:54:58.29	+00:44:00.9	J2000.00	1.151	180.0	05:40:50.7	4.1	i	Sloan 1	1 x 1	
267871	sa92-335	0:54:58.30	+00:44:01.0	J2000.00	1.149	180.0	05:42:27.9	5.1	z	Gunn 1	1 x 1	
267872	Flat field	2:58:00.00	-00:05:59.9	J2000.00	1.470	180.0	05:48:30.7	19.1	r	Sloan 1	1 x 1	
267874	Flat field	2:58:00.66	-00:05:49.9	J2000.00	1.460	180.0	05:50:28.7	12.6	r	Sloan 1	1 x 1	
267875	Flat field	2:58:01.33	-00:05:40.0	J2000.00	1.453	180.0	05:52:02.7	0.5	r	Sloan 1	1 x 1	
267876	Flat field	2:58:01.33	-00:05:40.0	J2000.00	1.445	180.0	05:53:24.6	28.0	z	Gunn 1	1 x 1	
267877	Flat field	2:58:00.66	-00:05:50.0	J2000.00	1.437	180.0	05:55:12.5	18.4	z	Gunn 1	1 x 1	
267878	Flat field	2:58:01.33	-00:05:40.0	J2000.00	1.429	180.0	05:56:52.4	12.6	z	Gunn 1	1 x 1	