INT OBSERVING LOG (ISAAC NEWTON GROUP, LA PALMA)

TELESCOPE: INT
DATE: 20020111
TAPE NR:
OBSERVER: Tedds, Jones
PROGRAMME: XMM follow-up
PATT/CAT REF.:
TELESCOPE OPERATOR: none
SUPPORT ASTRONOMER: none

TELESCOPE FOCUS: 44.05 mm
CALIBRATE RESULTS: not specified

INSTRUMENT: WFC

WFC FILTER WHEEL: U g r i z Ha

WEATHER: (1st half) bad
(2nd half) bad
CLOUD COVER (%): (1st half) 100
(2nd half) 90
DUST (0-2): (1st half) 0
(2nd half) 0
SEEING (arcsec): (1st half)
(2nd half) 2

DOME OPENED (UT): 01:30

METEOROLOGICAL PARAMETERS

LT	AirT	Hum%	Wspd	Gust	Wdir	Press	LocT	IntT	Mirr	LocRH	IntRH
19:00	3.6	100	27.6	31.5	146	770.8	3.9	7.1	8.5	65	85
20:00	3.8	100	29.0	30.1	150	771.5	4.1	6.9	8.5	84	84
21:00	4.0	100	25.8	27.3	107	771.9	4.4	6.9	8.6	69	83
22:00	4.0	100	20.0	21.9	147	772.3	4.4	6.9	8.4	100	84
23:00	4.0	100	26.5	28.3	137	772.1	4.4	6.9	8.4	100	84
00:00	3.8	100	20.1	21.3	146	772.3	4.2	7.0	8.5	100	83
01:00	4.6	100	12.9	14.5	155	772.2	5.6	7.1	8.4	82	79
02:00	4.7	93	26.7	27.8	145	771.6	5.1	6.2	7.5	87	81
03:00	3.2	100	23.3	24.5	143	771.7	3.5	6.1	8.0	99	85
04:00	3.2	100	19.6	20.0	145	771.5	3.5	6.5	8.1	100	83
05:00	4.9	89	21.3	23.7	164	771.5	4.9	7.2	8.1	87	78
06:00	3.6	99	11.4	12.0	143	771.3	3.8	6.0	7.5	95	85
07:00	3.6	100	23.4	24.4	148	771.5	3.8	6.5	8.0	97	81

SUNSET(UT) 18:40
EVENING TWILIGHT(UT) 19:56
MORNING TWILIGHT(UT) 06:43
SUNRISE(UT) 07:58
MOON'S QUARTER (1-4) 4
DISK % OF ILLUM. 2
DARK TIME 10:47
TWILIGHT TIME 02:31
MOONRISE(UT) 07:06
MOONSET(UT) No moonset within sunset-sunrise

TIME LOST(WEATHER): 10:00
TIME LOST(TECHNICAL): 00:00
TIME LOST(OTHER): 00:00

COMMENTS:
Observed through thin cloud in two brief periods when humidity was less than 90%

Run no.	Object name	RA	Dec.	Equinox	AM	PA	UT	Exp. T.	Filter	Psys Channel	Binning	Comments
289053	BENNEKER	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.0	14:40:32.2	0.0	U	RGO	1 x 1	
289054	BENNEKER	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.0	14:41:13.7	0.0	U	RGO	1 x 1	
289055	BENNEKER	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.0	14:41:55.3	0.0	U	RGO	1 x 1	
289056	BENNEKER	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.0	14:42:36.9	0.0	U	RGO	1 x 1	
289057	BENNEKER	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.0	14:43:18.4	0.0	U	RGO	1 x 1	
289058	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.0	19:09:47.6	0.0	i	Sloan	1 x 1	
289059	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.0	19:10:27.2	0.0	i	Sloan	1 x 1	
289060	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.0	19:11:07.0	0.0	i	Sloan	1 x 1	
289061	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.0	19:11:46.0	0.0	i	Sloan	1 x 1	
289062	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.0	19:12:32.5	0.0	i	Sloan	1 x 1	
289063	98-670	6:52:11.50	-00:19:15.9	J2000.00	1.187	180.0	01:40:16.4	0.0	r	Sloan	1 x 1	exp=2s
289064	98-670	6:52:11.50	-00:19:16.0	J2000.00	1.188	180.0	01:40:58.3	0.0	r	Sloan	1 x 1	
289065	98-670	6:52:11.50	-00:19:15.9	J2000.00	1.191	180.0	01:42:47.2	0.0	r	Sloan	1 x 1	exp=20s
289066	98-670	6:52:11.49	-00:19:16.0	J2000.00	1.193	180.0	01:43:46.5	0.0	r	Sloan	1 x 1	
289067	Focus run	6:52:11.50	-00:16:45.8	J2000.00	1.201	180.0	01:50:52.7	0.0	r	Sloan	1 x 1	20s
289068	Focus run	6:52:11.49	-00:16:45.8	J2000.00	1.210	180.0	01:55:14.5	0.0	r	Sloan	1 x 1	2s
289069	98-670	6:52:11.50	-00:19:15.9	J2000.00	1.219	180.0	01:58:48.6	0.0	i	Sloan	1 x 1	2s
289070	98-670	6:52:11.50	-00:19:16.0	J2000.00	1.220	180.0	01:59:30.5	0.0	i	Sloan	1 x 1	
289071	sa98-670	6:52:11.50	-00:19:15.9	J2000.00	1.223	180.0	02:00:54.7	0.0	g	Sloan	1 x 1	2s sg=1.6
289072	sa98-670	6:52:11.50	-00:19:15.9	J2000.00	1.224	180.0	02:01:36.5	0.0	g	Sloan	1 x 1	
289073	sa98-670	6:52:11.50	-00:19:16.0	J2000.00	1.227	180.0	02:02:50.9	0.0	z	Gunn	1 x 1	2s sg=2.1
289074	sa98-670	6:52:11.50	-00:19:16.0	J2000.00	1.228	180.0	02:03:35.4	0.0	z	Gunn	1 x 1	
289075	sa98-670	6:52:11.49	-00:19:16.0	J2000.00	1.232	180.0	02:05:12.6	0.0	U	RGO	1 x 1	2s sg=1.7
289076	sa98-670	6:52:11.50	-00:19:16.0	J2000.00	1.233	180.0	02:05:54.6	0.0	U	RGO	1 x 1	
289077	3C192	8:05:46.02	+24:51:50.3	J2000.00	1.005	180.0	02:07:49.5	0.0	r	Sloan	1 x 1	300s sg=2.3
289078	3C192	8:05:46.02	+24:51:49.9	J2000.00	1.007	180.0	02:13:34.2	0.0	r	Sloan	1 x 1	sg=2.3 asp=1.1
289079	3C192	8:05:46.01	+24:51:49.9	J2000.00	1.009	180.0	02:19:14.6	0.0	r	Sloan	1 x 1	sg=2.6 asp=1.1
289080	3C192	8:05:46.02	+24:51:49.8	J2000.00	1.012	180.0	02:25:23.1	0.0	i	Sloan	1 x 1	sg=2.5 asp=1.1
289081	3C192	8:05:46.01	+24:51:50.1	J2000.00	1.016	180.0	02:31:03.3	0.0	i	Sloan	1 x 1	sg=2.7 asp=1.1
289083	DPLEO	11:17:26.50	+17:59:41.0	J2000.00	1.019	180.0	05:12:33.7	0.0	U	RGO	1 x 1	REJECT -cloudy!
289084	DPLEO	11:17:26.51	+17:59:41.0	J2000.00	1.021	180.0	05:18:13.6	0.0	U	RGO	1 x 1	cloudy sg=2.1
289085	DPLEO	11:17:26.50	+17:59:41.1	J2000.00	1.022	180.0	05:23:53.5	0.0	U	RGO	1 x 1	cloudy sg=2
289086	DPLEO	11:17:26.51	+17:59:41.0	J2000.00	1.025	180.0	05:29:33.4	0.0	U	RGO	1 x 1	cloudy sg=2
289087	DPLEO	11:17:26.50	+17:59:40.9	J2000.00	1.028	180.0	05:35:13.7	0.0	U	RGO	1 x 1	cloudy sg=1.9
289088	DPLEO	11:17:26.51	+17:59:41.0	J2000.00	1.032	180.0	05:40:53.9	0.0	U	RGO	1 x 1	cloudy sg=2.1
289089	DPLEO	11:17:26.51	+17:59:40.9	J2000.00	1.036	180.0	05:47:32.2	0.0	U	RGO	1 x 1	cloudy sg=1.9
289091	Bias	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.0	11:45:19.0	0.0	Halpha	Narrow-ban	1 x 1	