INT OBSERVING LOG (ISAAC NEWTON GROUP, LA PALMA)

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TELESCOPE:              INT
DATE:                   20020317
TAPE NR:
OBSERVER:               Paul Allen, Gavin Dalton
PROGRAMME:              Oxford WFC Survey
PATT/CAT REF.:          WFS6
TELESCOPE OPERATOR:     none
SUPPORT ASTRONOMER:     none

TELESCOPE FOCUS:        44.05 mm
CALIBRATE RESULTS:      not specified

INSTRUMENT:             WFC

WFC FILTER WHEEL:       U,KPB,V,r,i,Z

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) 1.0
                        (2nd half) 2.0

DOME OPENED (UT):       19.00
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METEOROLOGICAL PARAMETERS

LT	AirT	Hum%	Wspd	Gust	Wdir	Press	LocT	IntT	Mirr	LocRH	IntRH
20:00	4.6	40	21.3	26.8	41	770.8	5.2	6.7	7.0	36	31
21:00	4.7	38	29.1	29.9	33	771.5	4.9	6.0	6.6	36	32
22:00	4.6	42	21.9	25.7	59	772.1	5.1	6.0	6.5	40	36
23:00	4.4	46	16.5	21.8	109	772.0	4.6	6.1	6.6	44	39
00:00	5.2	43	24.8	27.4	83	771.8	5.3	6.2	6.5	42	39
01:00	5.7	40	14.4	16.2	135	771.4	5.9	6.7	6.7	38	35
02:00	5.8	35	12.8	13.3	136	771.0	5.9	6.6	6.8	36	34
03:00	5.5	39	6.4	7.8	164	771.1	6.3	6.8	6.9	32	33
04:00	6.0	35	17.0	20.0	121	770.7	6.6	7.0	7.0	29	30
05:00	6.3	30	11.0	11.2	141	770.3	6.5	7.0	6.8	30	29
06:00	5.4	38	6.5	7.0	130	770.4	5.8	6.7	6.8	36	33

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SUNSET(UT)              19:28
EVENING TWILIGHT(UT)    20:39
MORNING TWILIGHT(UT)    05:60
SUNRISE(UT)             07:11
MOON'S QUARTER (1-4)    1
DISK % OF ILLUM.        13
DARK TIME               09:21
TWILIGHT TIME           02:22
MOONRISE(UT)            No moonrise within sunset-sunrise
MOONSET(UT)             22:33

TIME LOST(WEATHER):     00:00
TIME LOST(TECHNICAL):   00:00
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
296477	Bias	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.0	12:07:35.7	0.0	U	RGO		1 x 1	

296478	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.0	19:14:06.8	0.0	U	RGO	1 x 1
296479	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.0	19:14:47.5	0.0	U	RGO	1 x 1
296480	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.0	19:15:27.6	0.0	U	RGO	1 x 1
296481	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.0	19:16:08.0	0.0	U	RGO	1 x 1
296482	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.001	180.0	19:16:48.7	0.0	U	RGO	1 x 1
296483	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.191	180.0	19:17:28.6	0.0	U	RGO	1 x 1
296484	Bias frame	8:00:59.99	+50:00:00.1	J2000.00	1.192	180.0	19:18:08.5	0.0	U	RGO	1 x 1
296485	Bias frame	8:00:59.99	+49:59:59.9	J2000.00	1.190	180.0	19:18:48.8	0.0	U	RGO	1 x 1
296486	Bias frame	8:00:59.99	+50:00:00.1	J2000.00	1.189	180.0	19:19:28.8	0.0	U	RGO	1 x 1
296487	Bias frame	8:01:00.00	+49:59:59.9	J2000.00	1.188	180.0	19:20:08.6	0.0	U	RGO	1 x 1
296488	Flat field	8:01:00.00	+49:59:59.9	J2000.00	1.158	180.0	19:37:35.9	12.8	i	Sloan	1 x 1
296489	Flat field	8:01:00.00	+49:59:59.9	J2000.00	1.147	180.0	19:44:19.6	3.1	R	Harris	1 x 1
296490	Flat field	8:01:02.07	+50:00:29.7	J2000.00	1.145	180.0	19:45:57.7	3.5	R	Harris	1 x 1
296491	Flat field	8:00:58.96	+50:00:20.0	J2000.00	1.143	180.0	19:47:22.3	6.9	R	Harris	1 x 1
296492	Flat field	8:00:56.89	+50:00:19.9	J2000.00	1.141	180.0	19:48:59.4	11.0	R	Harris	1 x 1
296493	Flat field	8:00:53.77	+50:00:19.9	J2000.00	1.139	180.0	19:50:20.9	15.8	R	Harris	1 x 1
296494	Flat field	8:00:52.73	+50:00:30.1	J2000.00	1.137	180.0	19:51:47.2	23.8	R	Harris	1 x 1
296495	Flat field	8:00:52.73	+50:00:49.9	J2000.00	1.134	180.0	19:53:29.5	37.5	R	Harris	1 x 1
296497	Flat field	8:00:53.77	+50:00:59.9	J2000.00	1.131	180.0	19:55:28.6	59.4	R	Harris	1 x 1
296498	Flat field	8:00:52.73	+50:01:19.9	J2000.00	1.128	180.0	19:57:51.3	100.7	R	Harris	1 x 1
296499	Focus run	9:57:11.50	-00:25:18.8	J2000.00	1.758	180.0	20:12:10.5	10.1	r	Sloan	1 x 1
296500	SA104-R18 R	9:57:11.50	-00:28:18.9	J2000.00	1.708	180.0	20:16:31.5	9.5	R	Harris	1 x 1
296501	SA104-R18 i	9:57:11.50	-00:28:18.9	J2000.00	1.698	180.0	20:17:44.3	10.1	i	Sloan	1 x 1
296502	SA104-R18 r	9:57:11.50	-00:28:18.9	J2000.00	1.688	180.0	20:18:57.1	10.1	r	Sloan	1 x 1
296503	SA104-R18 V	9:57:11.50	-00:28:18.9	J2000.00	1.678	180.0	20:20:12.2	10.1	V	Harris	1 x 1
296504	SA104-R18 KPB	9:57:11.50	-00:28:18.9	J2000.00	1.669	180.0	20:21:24.9	10.1	B	Kitt Peak	1 x 1
296505	SA104-R18 U	9:57:11.49	-00:28:19.0	J2000.00	1.659	180.0	20:22:36.9	19.5	U	RGO	1 x 1
296506	Lyn015 R	9:08:01.79	+42:10:42.9	J2000.00	1.126	180.0	20:30:32.3	1199.3	R	Harris	1 x 1
296507	Lyn015 R	9:08:01.79	+42:10:42.9	J2000.00	1.092	180.0	20:51:53.1	1199.4	R	Harris	1 x 1
296508	Lyn015 R	9:08:01.79	+42:10:42.7	J2000.00	1.066	180.0	21:13:15.4	1199.3	R	Harris	1 x 1
296509	Lyn016 R	9:10:54.52	+42:21:04.3	J2000.00	1.049	180.0	21:36:17.6	1199.4	R	Harris	1 x 1
296510	Lyn016 R	9:10:54.52	+42:21:04.2	J2000.00	1.036	180.0	21:57:39.2	1199.3	R	Harris	1 x 1
296511	Lyn016 R	9:10:54.52	+42:21:04.4	J2000.00	1.030	180.0	22:19:00.9	1199.5	R	Harris	1 x 1
296512	Lyn038 R	9:02:47.62	+40:57:39.2	J2000.00	1.028	180.0	22:50:28.5	1199.4	R	Harris	1 x 1
296513	Lyn038 R	9:02:47.62	+40:57:39.3	J2000.00	1.039	180.0	23:11:48.4	1199.3	R	Harris	1 x 1
296514	Lyn038 R	9:02:47.62	+40:57:39.4	J2000.00	1.056	180.0	23:33:08.1	1199.5	R	Harris	1 x 1
296515	SA101-R18 R	9:57:11.50	-00:28:19.0	J2000.00	1.155	180.0	23:56:55.1	10.1	R	Harris	1 x 1
296516	SA101-R18 i	9:57:11.50	-00:28:18.9	J2000.00	1.156	180.0	23:58:05.1	10.1	i	Sloan	1 x 1
296517	SA101-R18 r	9:57:11.50	-00:28:19.0	J2000.00	1.157	180.0	23:59:15.5	10.1	r	Sloan	1 x 1
296518	SA101-R18 V	9:57:11.50	-00:28:19.0	J2000.00	1.158	180.0	00:00:29.1	10.1	V	Harris	1 x 1
296519	SA101-R18 KPB	9:57:11.50	-00:28:19.0	J2000.00	1.159	180.0	00:01:40.3	10.1	B	Kitt Peak	1 x 1
296520	SA101-R18 U	9:57:11.49	-00:28:18.9	J2000.00	1.160	180.0	00:02:52.0	20.1	U	RGO	1 x 1
296521	Vir069 V	13:44:24.05	+02:40:07.3	J2000.00	1.555	180.0	00:06:36.6	998.9	V	Harris	1 x 1
296522	Vir069 V	13:44:24.04	+02:40:07.1	J2000.00	1.449	180.0	00:24:38.7	999.4	V	Harris	1 x 1
296523	Vir069 V	13:44:24.05	+02:40:07.2	J2000.00	1.365	180.0	00:42:41.1	999.0	V	Harris	1 x 1
296524	Vir068 KPB	13:42:15.92	+02:27:30.7	J2000.00	1.274	180.0	01:07:42.3	899.4	B	Kitt Peak	1 x 1
296525	Vir068 KPB	13:42:15.93	+02:27:30.6	J2000.00	1.229	180.0	01:24:01.5	899.0	B	Kitt Peak	1 x 1
296526	Vir068 KPB	13:42:15.93	+02:27:30.7	J2000.00	1.193	180.0	01:40:22.4	899.6	B	Kitt Peak	1 x 1
296527	Vir068 V	13:42:15.92	+02:27:30.7	J2000.00	1.164	180.0	01:56:49.2	999.5	V	Harris	1 x 1
296528	Vir068 V	13:42:15.92	+02:27:30.7	J2000.00	1.141	180.0	02:14:49.3	999.0	V	Harris	1 x 1
296529	Vir068 V	13:42:15.93	+02:27:30.7	J2000.00	1.125	180.0	02:32:49.2	999.5	V	Harris	1 x 1
296532	Vir068 i	13:42:15.93	+02:27:30.6	J2000.00	1.116	180.0	03:03:52.9	1099.4	i	Sloan	1 x 1
296533	Vir068 i	13:42:15.93	+02:27:30.6	J2000.00	1.120	180.0	03:23:32.5	1098.9	i	Sloan	1 x 1
296534	Vir068 i	13:42:15.93	+02:27:30.7	J2000.00	1.133	180.0	03:43:11.5	1098.9	i	Sloan	1 x 1
296535	Vir067 V	13:40:07.82	+02:14:53.9	J2000.00	1.162	180.0	04:05:09.9	999.5	V	Harris	1 x 1
296536	Vir067 V	13:40:07.82	+02:14:54.0	J2000.00	1.191	180.0	04:23:09.3	999.5	V	Harris	1 x 1
296537	Vir067 V	13:40:07.82	+02:14:54.0	J2000.00	1.230	180.0	04:41:09.3	999.5	V	Harris	1 x 1
296538	Vir067 i	13:40:07.82	+02:14:54.1	J2000.00	1.283	180.0	04:59:15.1	1099.5	i	Sloan	1 x 1
296539	Vir067 i	13:40:07.83	+02:14:54.0	J2000.00	1.353	180.0	05:18:55.2	1099.5	i	Sloan	1 x 1
296540	Vir067 i	13:40:07.83	+02:14:54.0	J2000.00	1.441	180.0	05:38:35.1	1099.5	i	Sloan	1 x 1
296541	SA104-338 R	12:42:31.00	-00:38:32.0	J2000.00	2.152	180.0	06:02:21.1	10.1	R	Harris	1 x 1
296542	SA104-338 i	12:42:30.99	-00:38:32.0	J2000.00	2.170	180.0	06:03:31.4	10.1	i	Sloan	1 x 1

296543	SA104-338 r	12:42:31.00	-00:38:31.9	J2000.00	2.188	180.0	06:04:41.8	10.1	r	Sloan	1 x 1
296544	SA104-338 V	12:42:30.99	-00:38:31.9	J2000.00	2.207	180.0	06:05:54.7	10.1	V	Harris	1 x 1
296545	SA104-338 KPB	12:42:31.00	-00:38:31.9	J2000.00	2.226	180.0	06:07:05.1	10.1	B	Kitt Peak	1 x 1
296546	SA104-338 U	12:42:30.99	-00:38:32.0	J2000.00	2.246	180.0	06:08:15.1	20.1	U	RGO	1 x 1
296547	Flat field	16:59:59.99	+40:59:59.9	J2000.00	1.024	180.0	06:40:33.0	137.2	R	Harris	1 x 1
296548	Flat field	17:00:00.00	+40:59:50.0	J2000.00	1.025	180.0	06:43:57.3	66.4	R	Harris	1 x 1
296549	Flat field	17:00:00.88	+40:59:49.9	J2000.00	1.026	180.0	06:47:43.3	26.8	R	Harris	1 x 1
296550	Flat field	17:00:00.88	+40:59:40.0	J2000.00	1.026	180.0	06:49:48.5	15.3	R	Harris	1 x 1
296551	Flat field	17:00:01.76	+40:59:39.9	J2000.00	1.027	180.0	06:51:28.9	9.9	R	Harris	1 x 1
296552	Flat field	17:00:02.65	+40:59:40.0	J2000.00	1.028	180.0	06:54:42.3	3.8	R	Harris	1 x 1