INT OBSERVING LOG (ISAAC NEWTON GROUP, LA PALMA)

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TELESCOPE:            INT
DATE:                 20020316
TAPE NR:
OBSERVER:             Paul Allen, Gavin Dalton
PROGRAMME:            Oxford WFC Survey
PATT/CAT REF.:        WFS6
TELESCOPE OPERATOR:   none
SUPPORT ASTRONOMER:   none

TELESCOPE FOCUS:      44.00 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) 1.5
                      (2nd half) 2.0

DOME OPENED (UT):     19.15
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METEOROLOGICAL PARAMETERS

LT	AirT	Hum%	Wspd	Gust	Wdir	Press	LocT	IntT	Mirr	LocRH	IntRH
20:00	0.8	14	18.7	20.8	291	769.5	-0.8	4.4	6.2	25	14
21:00	1.6	8	16.5	17.7	303	769.8	-0.2	4.1	6.1	20	12
22:00	1.9	7	19.6	21.5	274	770.1	-0.8	4.4	6.0	32	9
23:00	1.8	7	16.3	18.6	284	770.3	-0.8	4.1	5.4	33	6
00:00	1.7	8	20.5	22.0	287	770.3	0.6	3.9	5.6	16	7
01:00	2.2	56	17.2	19.6	241	770.1	2.1	4.1	5.7	54	42
02:00	0.1	21	28.3	31.1	289	769.3	0.2	4.4	5.4	21	19
03:00	-0.1	46	36.8	38.3	317	768.9	0.0	3.6	3.6	31	28
04:00	1.2	66	41.0	43.5	335	768.8	1.7	3.9	4.8	61	48
05:00	1.1	72	43.4	45.8	346	768.7	1.7	2.9	4.8	66	60
06:00	1.0	75	42.7	46.1	333	769.0	1.3	2.9	4.1	71	63
07:00	0.7	79	39.5	41.0	323	769.5	1.1	2.5	4.4	73	65

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SUNSET(UT)            19:27
EVENING TWILIGHT(UT)  20:39
MORNING TWILIGHT(UT)  06:01
SUNRISE(UT)           07:12
MOON'S QUARTER (1-4)  1
DISK % OF ILLUM.      8
DARK TIME             09:22
TWILIGHT TIME         02:23
MOONRISE(UT)          No moonrise within sunset-sunrise
MOONSET(UT)           21:40

TIME LOST(WEATHER):   00:00
TIME LOST(TECHNICAL): 00:40
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

296399	Bias frame	0:00:00.00	+00:00:00.0	A	2.900	180.0	15:01:03.6	0.0	U	RGO	1 x 1
296400	Bias frame	0:00:00.00	+00:00:00.0	A	2.900	180.0	15:01:42.7	0.0	U	RGO	1 x 1
296401	Bias frame	0:00:00.00	+00:00:00.0	A	4.544	180.0	15:02:21.8	0.0	U	RGO	1 x 1
296402	Bias frame	0:00:00.00	+00:00:00.0	A	4.544	180.0	15:03:00.9	0.0	U	RGO	1 x 1
296403	Bias frame	0:00:00.00	+00:00:00.0	A	4.544	180.0	15:03:40.1	0.0	U	RGO	1 x 1
296405	Bias frame	0:00:00.00	+00:00:00.0	A	4.544	180.0	15:05:19.3	0.0	U	RGO	1 x 1
296406	Bias frame	0:00:00.00	+00:00:00.0	A	4.544	180.0	15:07:09.9	0.0	U	RGO	1 x 1
296407	Flat field	8:01:00.00	+49:59:59.9	J2000.00	1.156	180.0	19:42:38.4	2.5	i	Sloan	1 x 1
296408	Flat field	8:00:59.99	+50:00:00.0	J2000.00	1.154	180.0	19:44:04.1	3.4	i	Sloan	1 x 1
296409	Flat field	8:00:57.92	+49:59:59.9	J2000.00	1.150	180.0	19:46:13.6	6.1	i	Sloan	1 x 1
296410	Flat field	8:00:57.92	+50:00:20.1	J2000.00	1.148	180.0	19:47:36.5	9.4	i	Sloan	1 x 1
296411	Flat field	8:00:58.96	+50:00:29.8	J2000.00	1.146	180.0	19:48:54.8	13.4	i	Sloan	1 x 1
296412	Flat field	8:00:57.92	+50:00:39.9	J2000.00	1.144	180.0	19:50:18.8	19.2	i	Sloan	1 x 1
296413	Flat field	8:00:56.88	+50:00:49.9	J2000.00	1.142	180.0	19:51:52.9	28.3	i	Sloan	1 x 1
296414	Flat field	8:00:55.85	+50:01:00.1	J2000.00	1.139	180.0	19:53:35.3	44.1	i	Sloan	1 x 1
296416	Flat field	8:00:54.81	+50:01:10.0	J2000.00	1.134	180.0	19:56:54.1	104.0	r	Sloan	1 x 1
296417	Focus run	9:56:23.00	-00:14:21.8	J2000.00	1.764	180.0	20:13:45.3	10.1	V	Harris	1 x 1
296418	Focus run	9:56:23.00	-00:14:21.9	J2000.00	1.657	180.0	20:26:40.1	10.1	r	Sloan	1 x 1
296419	Focus run	9:56:22.99	-00:13:51.8	J2000.00	1.598	180.0	20:35:02.1	10.1	r	Sloan	1 x 1
296420	SA104-415 Z	9:56:23.00	-00:16:52.0	J2000.00	1.566	180.0	20:38:33.7	10.1	z	Gunn	1 x 1
296421	SA104-415 i	9:56:22.99	-00:16:51.9	J2000.00	1.558	180.0	20:39:44.0	10.1	i	Sloan	1 x 1
296422	SA104-415 r	9:56:23.00	-00:16:51.9	J2000.00	1.551	180.0	20:40:54.1	10.1	r	Sloan	1 x 1
296423	SA104-415 V	9:56:22.99	-00:16:52.0	J2000.00	1.543	180.0	20:42:07.6	9.5	V	Harris	1 x 1
296424	SA104-415 KPB	9:56:23.00	-00:16:51.9	J2000.00	1.536	180.0	20:43:19.6	10.1	B	Kitt Peak	1 x 1
296425	SA104-415 U	9:56:22.99	-00:16:52.0	J2000.00	1.528	180.0	20:44:31.8	20.1	U	RGO	1 x 1
296426	Lyn054 V	9:11:33.73	+40:36:22.9	J2000.00	1.105	180.0	20:48:47.5	999.0	V	Harris	1 x 1
296427	Lyn054 V	9:11:33.72	+40:36:23.0	J2000.00	1.079	180.0	21:06:47.3	999.4	V	Harris	1 x 1
296428	Lyn054 V	9:11:33.72	+40:36:22.9	J2000.00	1.058	180.0	21:24:47.1	999.5	V	Harris	1 x 1
296429	Lyn015 KPB	9:08:01.79	+42:10:42.9	J2000.00	1.045	180.0	21:44:30.9	899.0	B	Kitt Peak	1 x 1
296430	Lyn015 KPB	9:08:01.79	+42:10:42.8	J2000.00	1.036	180.0	22:00:50.6	899.6	B	Kitt Peak	1 x 1
296431	Lyn015 KPB	9:08:01.78	+42:10:42.8	J2000.00	1.030	180.0	22:17:10.5	899.0	B	Kitt Peak	1 x 1
296432	Lyn015 V	9:08:01.79	+42:10:42.8	J2000.00	1.028	180.0	22:33:36.9	999.5	V	Harris	1 x 1
296433	Lyn015 V	9:08:01.78	+42:10:42.9	J2000.00	1.030	180.0	22:51:36.8	999.5	V	Harris	1 x 1
296435	Lyn015 V	9:08:01.79	+42:10:42.8	J2000.00	1.038	180.0	23:12:33.5	999.1	r	Sloan	1 x 1
296437	Lyn015 V	9:08:01.79	+42:10:42.9	J2000.00	1.051	180.0	23:32:31.2	999.5	V	Harris	1 x 1
296438	Lyn015 V	9:08:01.79	+42:10:42.8	J2000.00	1.079	180.0	00:00:33.2	999.5	V	Harris	1 x 1
296440	2002EY2 r	10:36:04.36	+05:41:40.4	J2000.00	1.089	180.0	00:23:57.5	89.5	r	Sloan	1 x 1
296441	2002EY2 r	10:36:04.36	+05:41:40.2	J2000.00	1.090	180.0	00:26:11.5	90.0	r	Sloan	1 x 1
296442	2002EY2 r	10:36:04.36	+05:41:40.2	J2000.00	1.090	180.0	00:28:23.3	89.5	r	Sloan	1 x 1
296443	2002EY2 r	10:36:04.36	+05:41:40.3	J2000.00	1.091	180.0	00:30:34.7	90.0	r	Sloan	1 x 1
296444	2002EY2 r	10:36:01.10	+05:41:35.8	J2000.00	1.098	180.0	00:42:41.1	90.0	r	Sloan	1 x 1
296445	2002EY2 r	10:36:01.10	+05:41:35.7	J2000.00	1.099	180.0	00:44:52.2	90.1	r	Sloan	1 x 1
296446	2002EY2 r	10:36:01.10	+05:41:35.7	J2000.00	1.101	180.0	00:47:03.3	90.0	r	Sloan	1 x 1
296447	2002EY2 r	10:36:01.09	+05:41:35.7	J2000.00	1.103	180.0	00:49:14.4	90.0	r	Sloan	1 x 1
296448	Vir069 KPB	13:44:24.04	+02:40:07.1	J2000.00	1.336	180.0	00:54:49.9	899.5	B	Kitt Peak	1 x 1
296449	Vir069 r	13:44:24.04	+02:40:07.2	J2000.00	1.271	180.0	01:11:15.2	1199.4	r	Sloan	1 x 1
296450	Vir069 r	13:44:24.05	+02:40:07.1	J2000.00	1.215	180.0	01:32:34.9	1199.3	r	Sloan	1 x 1
296451	Vir069 r	13:44:24.05	+02:40:07.1	J2000.00	1.173	180.0	01:53:54.3	1199.3	r	Sloan	1 x 1
296452	Vir069 i	13:44:24.05	+02:40:07.0	J2000.00	1.136	180.0	02:22:16.5	1099.0	i	Sloan	1 x 1
296453	Vir069 i	13:44:24.05	+02:40:07.1	J2000.00	1.121	180.0	02:41:56.2	1099.6	i	Sloan	1 x 1
296454	Vir069 i	13:44:24.04	+02:40:07.2	J2000.00	1.114	180.0	03:01:35.9	1099.4	i	Sloan	1 x 1
296455	Vir055 i	13:39:33.21	+02:42:03.6	J2000.00	1.119	360.0	03:27:49.8	1099.3	i	Sloan	1 x 1
296456	Vir055 i	13:39:33.21	+02:42:03.7	J2000.00	1.133	360.0	03:47:30.0	1099.4	i	Sloan	1 x 1
296457	Vir055 i	13:39:33.22	+02:42:03.6	J2000.00	1.156	360.0	04:07:09.4	1099.4	i	Sloan	1 x 1
296458	Vir056 i	13:41:41.36	+02:54:40.4	J2000.00	1.185	360.0	04:28:27.8	1099.5	i	Sloan	1 x 1
296459	Vir056 i	13:41:41.35	+02:54:40.3	J2000.00	1.228	360.0	04:48:07.4	1099.5	i	Sloan	1 x 1
296460	Vir056 i	13:41:41.35	+02:54:40.2	J2000.00	1.284	360.0	05:07:46.9	1098.9	i	Sloan	1 x 1
296461	Vir057 i	13:43:49.52	+03:07:17.0	J2000.00	1.351	360.0	05:29:13.8	1099.5	i	Sloan	1 x 1
296462	Vir057 i	13:43:49.53	+03:07:16.8	J2000.00	1.441	360.0	05:48:53.4	1099.4	i	Sloan	1 x 1
296464	Flat field	15:01:59.84	+29:55:00.0	J2000.00	1.128	360.0	06:40:13.4	166.3	i	Sloan	1 x 1
296465	Bias frame	15:01:59.84	+29:55:00.0	J2000.00	1.143	360.0	06:48:15.2	0.0	r	Sloan	1 x 1
296466	Flat field	15:01:59.84	+29:55:00.0	J2000.00	1.147	360.0	06:49:44.9	21.1	r	Sloan	1 x 1

296467	Flat field	15:01:59.84	+29:54:59.9	J2000.00	1.150	360.0	06:51:12.6	14.3	r	Sloan	1 x 1
296468	Flat field	15:01:59.84	+29:55:00.0	J2000.00	1.153	360.0	06:52:33.1	9.9	r	Sloan	1 x 1
296469	Flat field	15:01:59.84	+29:54:59.9	J2000.00	1.157	360.0	06:53:51.1	6.9	r	Sloan	1 x 1
296470	Flat field	15:01:59.84	+29:55:00.0	J2000.00	1.160	360.0	06:55:05.4	6.6	r	Sloan	1 x 1
296471	Flat field	15:01:59.84	+29:54:59.9	J2000.00	1.163	360.0	06:56:18.3	3.8	r	Sloan	1 x 1
296472	Flat field	15:01:59.84	+29:55:00.0	J2000.00	1.167	360.0	06:58:02.6	4.4	V	Harris	1 x 1
296473	Flat field	15:01:59.84	+29:55:00.0	J2000.00	1.172	360.0	06:59:46.2	0.5	B	Kitt Peak	1 x 1
296474	Flat field	15:01:59.84	+29:55:00.0	J2000.00	1.175	360.0	07:00:57.9	4.6	U	RGO	1 x 1
296475	Flat field	15:02:00.61	+29:55:09.9	J2000.00	1.179	360.0	07:02:21.4	3.5	U	RGO	1 x 1
296476	Flat field	15:01:59.84	+29:55:19.9	J2000.00	1.183	360.0	07:03:45.5	0.5	U	RGO	1 x 1