INT OBSERVING LOG (ISAAC NEWTON GROUP, LA PALMA)

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TELESCOPE:             INT
DATE:                  20020218
TAPE NR:               ----
OBSERVER:              S. Hodgkin
PROGRAMME:             Wide Field Survey
PATT/CAT REF.:         WFS8
TELESCOPE OPERATOR:    none
SUPPORT ASTRONOMER:    none

TELESCOPE FOCUS:       44.00 mm
CALIBRATE RESULTS:     not specified

INSTRUMENT:            WFC

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

WEATHER:               (1st half) poor
                       (2nd half) poor
CLOUD COVER (%):       (1st half) 60
                       (2nd half) 60
DUST (0-2):            (1st half) 0
                       (2nd half) 0
SEEING (arcsec):       (1st half) 1-2
                       (2nd half) 2-3

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	1.0	20	46.5	48.8	11	769.3	1.1	3.7	7.2	24	19
21:00	-1.5	100	41.1	45.8	5	769.5	-1.3	4.1	7.4	100	63
22:00	1.4	48	40.2	44.7	29	770.0	1.7	4.8	7.2	38	50
23:00	4.9	8	39.0	42.8	29	770.5	4.9	6.2	7.0	8	9
00:00	4.0	12	35.7	39.7	43	770.3	4.1	5.1	6.6	13	22
01:00	0.8	70	36.5	39.8	44	770.1	-0.2	2.8	6.4	79	69
02:00	1.6	51	31.8	37.5	41	770.1	1.2	5.2	6.9	52	54
03:00	4.3	10	30.2	34.0	44	770.0	4.0	5.3	6.3	13	17
04:00	-0.3	52	40.3	43.1	29	769.5	-2.7	3.6	6.1	94	59
05:00	0.8	69	37.0	40.4	40	769.5	-1.0	4.7	6.6	84	60
06:00	3.5	17	37.1	40.9	39	769.8	2.1	5.1	6.8	33	39
07:00	-1.1	100	36.5	42.8	29	770.0	-0.9	4.8	6.8	100	58

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SUNSET(UT)             19:10
EVENING TWILIGHT(UT)   20:22
MORNING TWILIGHT(UT)   06:28
SUNRISE(UT)            07:40
MOON'S QUARTER (1-4)   1
DISK % OF ILLUM.       35
DARK TIME              10:06
TWILIGHT TIME          02:24
MOONRISE(UT)           No moonrise within sunset-sunrise
MOONSET(UT)            00:39

TIME LOST(WEATHER):    105:00
TIME LOST(TECHNICAL):  00:00
TIME LOST(OTHER):      00:00
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COMMENTS:
Variable and high humidity. Opened and closed all night.

Run no.	Object name	RA	Dec.	Equinox	AM	PA	UT	Exp. T.	Filter	Psys Channel	Binning	Comments
294443	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	180.0	15:04:01.5	0.0	z	Gunn	1 x 1	
294444	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	180.0	15:18:58.6	0.0	g	Sloan	1 x 1	
294445	Bias	0:00:00.00	+00:00:00.0	A	1.000	180.0	18:28:41.7	0.0	U	RGO	1 x 1	
294446	Bias	0:00:00.00	+00:00:00.0	A	1.000	180.0	18:29:21.1	0.0	U	RGO	1 x 1	
294447	Bias	0:00:00.00	+00:00:00.0	A	1.000	180.0	18:29:60.1	0.0	U	RGO	1 x 1	
294448	Bias	0:00:00.00	+00:00:00.0	A	1.000	180.0	18:30:39.1	0.0	U	RGO	1 x 1	
294449	Bias	0:00:00.00	+00:00:00.0	A	1.000	180.0	18:31:18.3	0.0	U	RGO	1 x 1	
294450	Flat field	8:01:00.00	+50:00:00.0	J2000.00	1.542	180.0	19:16:58.3	5.1	U	RGO	1 x 1	saturated
294451	Flat field	8:01:00.00	+50:00:00.0	J2000.00	1.522	180.0	19:21:11.8	0.4	U	RGO	1 x 1	7k cts
294452	Flat field	8:01:00.00	+49:59:59.9	J2000.00	1.513	180.0	19:22:51.9	5.1	U	RGO	1 x 1	30k cts
294453	Flat field	8:01:03.11	+50:00:29.9	J2000.00	1.506	180.0	19:24:27.1	7.1	U	RGO	1 x 1	26k cts
294454	Flat field	8:01:06.22	+50:00:59.9	J2000.00	1.499	180.0	19:25:60.2	8.1	U	RGO	1 x 1	20k cts
294455	Flat field	8:00:59.99	+50:00:00.0	J2000.00	1.487	180.0	19:28:23.9	18.9	z	Gunn	1 x 1	20k
294456	Flat field	8:01:03.11	+50:00:29.9	J2000.00	1.478	180.0	19:30:21.7	30.1	z	Gunn	1 x 1	20k
294457	Flat field	8:00:56.88	+49:59:29.9	J2000.00	1.470	180.0	19:31:46.3	45.1	z	Gunn	1 x 1	25k
294458	Flat field	8:00:59.99	+49:59:59.9	J2000.00	1.462	180.0	19:33:58.8	9.1	g	Sloan	1 x 1	20k
294459	Flat field	8:01:03.11	+50:00:29.9	J2000.00	1.453	180.0	19:36:10.4	18.3	g	Sloan	1 x 1	20k
294460	Flat field	8:00:56.88	+49:59:29.9	J2000.00	1.443	180.0	19:38:22.5	26.1	g	Sloan	1 x 1	20k
294461	Flat field	8:00:59.99	+50:00:00.0	J2000.00	1.433	180.0	19:40:39.9	40.1	r	Sloan	1 x 1	10k
294462	Flat field	8:01:03.11	+50:00:29.9	J2000.00	1.424	180.0	19:42:23.3	100.1	r	Sloan	1 x 1	17k
294463	Flat field	8:00:59.99	+50:00:00.0	J2000.00	1.406	180.0	19:46:11.5	200.0	i	Sloan	1 x 1	
294464	Focus run	3:54:30.99	+00:31:35.1	J2000.00	1.163	180.0	20:03:53.8	10.1	r	Sloan	1 x 1	
294465	sa95-330 g	3:54:31.00	+00:29:05.0	J2000.00	1.176	180.0	20:12:36.3	10.1	g	Sloan	1 x 1	
294466	sa95-330 r	3:54:30.99	+00:29:05.0	J2000.00	1.178	180.0	20:13:41.1	10.1	r	Sloan	1 x 1	
294467	sa95-330 i	3:54:31.00	+00:29:05.0	J2000.00	1.179	180.0	20:14:45.7	10.1	i	Sloan	1 x 1	
294468	sa95-330 Z	3:54:30.99	+00:29:04.9	J2000.00	1.181	180.0	20:15:51.5	20.1	z	Gunn	1 x 1	
294469	sa95-330 U	3:54:31.00	+00:29:04.9	J2000.00	1.184	180.0	20:17:09.0	60.0	U	RGO	1 x 1	
294471	2mass0746	7:46:42.50	+20:00:32.1	J2000.00	1.244	180.0	20:26:23.2	120.0	i	Sloan	1 x 1	
294473	neo	8:29:12.63	-03:50:44.9	J2000.00	1.773	180.0	20:37:19.5	59.5	r	Sloan	1 x 1	
294474	neo	8:29:12.63	-03:50:45.0	J2000.00	1.758	180.0	20:39:03.2	60.0	r	Sloan	1 x 1	closing dome !
294475	neo	8:29:12.62	-03:50:45.0	J2000.00	1.744	180.0	20:40:45.8	59.5	r	Sloan	1 x 1	dome closed
294476	neo	8:29:12.62	-03:50:44.7	J2000.00	1.729	180.0	20:42:30.0	60.0	r	Sloan	1 x 1	dome closed -
294477	NEO2	8:29:07.74	-03:53:06.1	J2000.00	1.289	180.0	22:15:32.3	60.1	r	Sloan	1 x 1	humidity dropped
294478	NEO2	8:29:07.74	-03:53:06.0	J2000.00	1.283	180.0	22:17:44.0	60.0	r	Sloan	1 x 1	
294479	NEO2	8:29:07.74	-03:53:06.0	J2000.00	1.278	180.0	22:20:11.4	59.5	r	Sloan	1 x 1	
294480	NEO2	8:29:07.74	-03:53:06.1	J2000.00	1.272	180.0	22:22:38.5	60.1	r	Sloan	1 x 1	
294481	NEO2	8:29:07.74	-03:53:06.1	J2000.00	1.267	180.0	22:24:47.6	120.0	r	Sloan	1 x 1	
294482	WFSJ0801+4019_022	8:00:23.69	+39:58:59.9	J2000.00	1.030	180.0	22:32:40.6	599.8	r	Sloan	1 x 1	
294483	WFSJ0801+4019_022	8:00:23.70	+39:59:00.0	J2000.00	1.025	180.0	22:44:11.3	599.8	g	Sloan	1 x 1	seeing 1.2as
294484	WFSJ0801+4019_023	8:00:23.30	+40:19:00.0	J2000.00	1.022	180.0	22:58:47.7	599.8	g	Sloan	1 x 1	
294485	WFSJ0801+4019_023	8:00:23.29	+40:18:59.9	J2000.00	1.021	180.0	23:10:06.4	599.7	r	Sloan	1 x 1	
294486	WFSJ0801+4019_024	8:00:22.89	+40:39:00.0	J2000.00	1.023	180.0	23:25:12.5	599.7	g	Sloan	1 x 1	
294487	WFSJ0801+4019_027	8:00:21.70	+41:38:59.9	J2000.00	1.031	180.0	23:39:25.0	599.7	U	RGO	1 x 1	step in bias
294488	WFSJ0801+4019_027	8:00:21.70	+41:39:00.0	J2000.00	1.036	180.0	23:51:10.7	599.8	g	Sloan	1 x 1	seeing 5.2pix
294489	WFSJ0801+4019_027	8:00:21.70	+41:39:00.0	J2000.00	1.043	180.0	00:02:46.6	599.7	i	Sloan	1 x 1	seeing variable
294490	WFSJ0801+4019_027	8:00:21.70	+41:38:59.9	J2000.00	1.052	180.0	00:14:33.4	599.7	z	Gunn	1 x 1	
294491	Bias	8:00:21.70	+41:38:59.9	J2000.00	1.057	180.0	00:25:29.2	0.0	z	Gunn	1 x 1	
294492	WFSJ0801+4019_030	8:02:59.89	+39:39:00.1	J2000.00	1.059	180.0	00:31:34.4	599.8	U	RGO	1 x 1	seeing 3as
294493	WFSJ0801+4019_039	8:05:35.79	+39:38:59.9	J2000.00	1.073	180.0	00:45:44.3	599.8	z	Gunn	1 x 1	closed humid
294494	2M1108	11:08:30.69	+68:30:16.9	J2000.00	1.300	180.0	02:13:39.7	180.0	i	Sloan	1 x 1	
294495	2m1108-1	11:08:30.70	+68:30:16.9	J2000.00	1.299	180.0	02:19:13.1	180.0	i	Sloan	1 x 1	
294498	2m1108-1	11:08:30.69	+68:30:16.8	J2000.00	1.300	180.0	02:27:41.5	299.8	i	Sloan	1 x 1	
294500	2m1108	11:08:30.70	+68:30:16.9	J2000.00	1.301	180.0	02:38:22.1	180.0	i	Sloan	1 x 1	
294501	2m1108	11:08:41.61	+68:31:16.9	J2000.00	1.302	180.0	02:43:12.2	180.0	i	Sloan	1 x 1	dome wrong !
294502	2m1108	11:08:41.60	+68:29:16.8	J2000.00	1.302	180.0	02:47:15.2	180.0	i	Sloan	1 x 1	ditto
294503	2m1108	11:08:30.69	+68:30:17.0	J2000.00	1.306	180.0	03:00:12.2	179.4	i	Sloan	1 x 1	
294504	2m1108	11:08:30.70	+68:30:17.3	J2000.00	1.308	180.0	03:04:11.7	180.0	i	Sloan	1 x 1	
294505	2m1108	11:08:30.70	+68:30:17.0	J2000.00	1.310	180.0	03:08:11.3	179.5	i	Sloan	1 x 1	
294506	2m1108	11:08:30.70	+68:30:16.6	J2000.00	1.312	180.0	03:12:10.7	179.4	i	Sloan	1 x 1	
294507	2m1108	11:08:30.70	+68:30:16.6	J2000.00	1.314	180.0	03:16:10.4	180.0	i	Sloan	1 x 1	

294508	2m1108	11:08:30.69	+68:30:17.0	J2000.00	1.316	180.0	03:20:09.7	180.0	i	Sloan	1 x 1	
294509	2m1108	11:08:30.70	+68:30:16.9	J2000.00	1.319	180.0	03:24:09.1	180.0	i	Sloan	1 x 1	
294510	2m1108	11:08:30.70	+68:30:17.1	J2000.00	1.321	180.0	03:28:09.2	180.0	i	Sloan	1 x 1	
294511	2m1108	11:08:30.70	+68:30:17.4	J2000.00	1.324	180.0	03:32:09.3	180.0	i	Sloan	1 x 1	
294512	2m1108	11:08:30.69	+68:30:16.9	J2000.00	1.329	180.0	03:38:34.5	180.0	i	Sloan	1 x 1	
294513	2m1108	11:08:30.70	+68:30:17.4	J2000.00	1.333	180.0	03:42:35.8	180.0	i	Sloan	1 x 1	cloud
294514	2m1108	11:08:30.70	+68:30:17.0	J2000.00	1.336	180.0	03:46:36.7	179.4	i	Sloan	1 x 1	closed
294516	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	4.296	180.0	11:19:57.6	0.0	g	Sloan	1 x 1	
294517	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	4.296	180.0	11:26:52.2	0.0	g	Sloan	1 x 1	
294518	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	4.296	180.0	11:31:42.0	0.0	g	Sloan	1 x 1	
294519	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	4.296	180.0	11:34:33.7	0.0	g	Sloan	1 x 1	
294520	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	4.296	180.0	11:35:12.7	0.0	g	Sloan	1 x 1	
294521	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	4.296	180.0	11:35:51.8	0.0	g	Sloan	1 x 1	
294522	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	4.296	180.0	11:36:30.9	0.0	g	Sloan	1 x 1	
294523	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	4.296	180.0	11:37:09.8	0.0	g	Sloan	1 x 1	
294524	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	4.296	180.0	11:37:48.9	0.0	g	Sloan	1 x 1	
294525	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	4.296	180.0	11:38:28.1	0.0	g	Sloan	1 x 1	
294526	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	4.296	180.0	11:39:07.0	0.0	g	Sloan	1 x 1	
294527	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	4.296	180.0	11:39:45.9	0.0	g	Sloan	1 x 1	
294528	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	4.296	180.0	11:40:25.1	0.0	g	Sloan	1 x 1	